

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120432.D
 Acq On : 29 May 2020 12:06
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 6/1/2020 12:20:53 PM

Quant Time: May 29 12:55:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	298567	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1143206	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	589623	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1072857	20.00	ng	0.00
76) Chrysene-d12	14.00	240	742812	20.00	ng	0.00
86) Perylene-d12	15.45	264	711224	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1235047	78.83	ng	0.00
7) Phenol-d6	6.47	99	1559695	80.77	ng	0.00
23) Nitrobenzene-d5	7.40	82	1374250	78.63	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	455509	83.38	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2609801	75.10	ng	0.00
79) Terphenyl-d14	12.94	244	2678945	80.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	303441	39.100	ng	99
3) Pyridine	3.36	79	841857	39.168	ng	96
4) n-Nitrosodimethylamine	3.31	42	358498	39.414	ng	100
6) Aniline	6.50	93	1095252	40.678	ng	99
8) 2-Chlorophenol	6.63	128	718858	40.693	ng	99
9) Benzaldehyde	6.39	77	451169	38.335	ng	99
10) Phenol	6.48	94	869024m	41.153	ng	
11) bis(2-Chloroethyl)ether	6.57	93	725148	41.094	ng	97
12) 1,3-Dichlorobenzene	6.78	146	805412	41.500	ng	98
13) 1,4-Dichlorobenzene	6.86	146	800186	41.325	ng	99
14) 1,2-Dichlorobenzene	7.01	146	742308	41.505	ng	98
15) Benzyl Alcohol	6.98	79	616770	42.371	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1147261	41.240	ng	100
17) 2-Methylphenol	7.09	107	642306	40.661	ng	99
18) Hexachloroethane	7.35	117	298431	42.105	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	498244	40.590	ng	100
20) 3+4-Methylphenols	7.25	107	724262	36.293	ng	98
22) Acetophenone	7.25	105	923485	39.775	ng	99
24) Nitrobenzene	7.42	77	737294	39.163	ng	98
25) Isophorone	7.66	82	1412709	40.219	ng	99
26) 2-Nitrophenol	7.74	139	347201	40.904	ng	98
27) 2,4-Dimethylphenol	7.77	122	594601	40.338	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	873254	41.282	ng	99
29) 2,4-Dichlorophenol	7.97	162	617830	41.496	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	696847	41.706	ng	98
31) Naphthalene	8.15	128	2034836	40.529	ng	99
32) Benzoic acid	7.89	122	433694	39.648	ng	95
33) 4-Chloroaniline	8.19	127	904447	40.646	ng	98
34) Hexachlorobutadiene	8.26	225	422394	42.649	ng	99
35) Caprolactam	8.57	113	187737	38.935	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	619111	40.986	ng	95
37) 2-Methylnaphthalene	8.83	142	1381566	41.544	ng	100
38) 1-Methylnaphthalene	8.93	142	1298081	41.353	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	637495	42.161	ng	100

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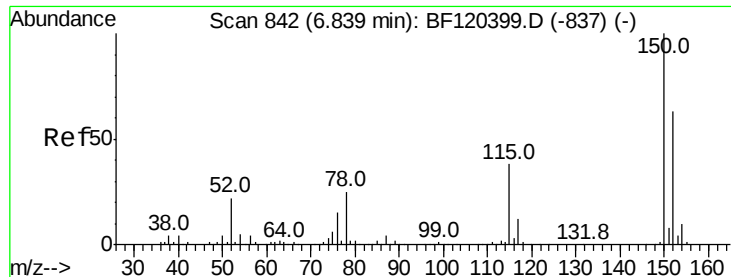
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	404147	47.891	nq	98
43) 2,4,6-Trichlorophenol	9.11	196	470596	43.033	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	510075	41.148	nq	97
46) 1,1'-Biphenyl	9.30	154	1614972	41.695	nq	99
47) 2-Chloronaphthalene	9.32	162	1321352	41.428	nq	98
48) 2-Nitroaniline	9.42	65	377789	38.889	nq	98
49) Acenaphthylene	9.74	152	2008946	40.760	nq	100
50) Dimethylphthalate	9.60	163	1483891	40.256	nq	99
51) 2,6-Dinitrotoluene	9.66	165	318849	38.923	nq #	85
52) Acenaphthene	9.91	154	1252954	40.732	nq	100
53) 3-Nitroaniline	9.83	138	377553	39.248	nq	99
54) 2,4-Dinitrophenol	9.93	184	127395	42.553	nq	94
55) Dibenzofuran	10.09	168	1815906	40.623	nq	97
56) 4-Nitrophenol	9.98	139	287752	39.072	nq	99
57) 2,4-Dinitrotoluene	10.06	165	401881	38.332	nq	92
58) Fluorene	10.43	166	1282242	38.224	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	401843	41.601	nq	99
60) Diethylphthalate	10.30	149	1502525	40.336	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	678565	37.310	nq	99
62) 4-Nitroaniline	10.45	138	356125	39.214	nq	95
63) Azobenzene	10.58	77	1395678	39.834	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	184575	47.167	nq	92
66) n-Nitrosodiphenylamine	10.53	169	1251546	41.995	nq	98
67) 4-Bromophenyl-phenylether	10.91	248	463296	42.781	nq	98
68) Hexachlorobenzene	10.97	284	492295	42.686	nq #	90
69) Atrazine	11.06	200	355601	42.334	nq	98
70) Pentachlorophenol	11.16	266	304917	43.242	nq	98
71) Phenanthrene	11.39	178	1919650	40.608	nq	100
72) Anthracene	11.44	178	1958568	41.293	nq	99
73) Carbazole	11.59	167	1863905	40.629	nq	99
74) Di-n-butylphthalate	11.92	149	2211851	41.446	nq	98
75) Fluoranthene	12.57	202	2071398	40.722	nq	97
77) Benzidine	12.69	184	880259	45.102	nq	98
78) Pyrene	12.80	202	2112964	40.903	nq	99
80) Butylbenzylphthalate	13.42	149	935582	43.382	nq	99
81) Benzo(a)anthracene	13.99	228	1619027	40.668	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	649744	44.955	nq	99
83) Chrysene	14.03	228	1706842	40.896	nq	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1150680	45.453	nq	99
85) Di-n-octyl phthalate	14.59	149	2081125	47.509	nq	100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1544759	39.711	nq	99
88) Benzo(b)fluoranthene	15.03	252	1690227	42.787	nq	99
89) Benzo(k)fluoranthene	15.06	252	1395032	37.828	nq	99
90) Benzo(a)pyrene	15.39	252	1417047	41.010	nq	99
91) Dibenzo(a,h)anthracene	16.91	278	1259642	39.718	nq	99
92) Benzo(g,h,i)perylene	17.33	276	1231458	39.369	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

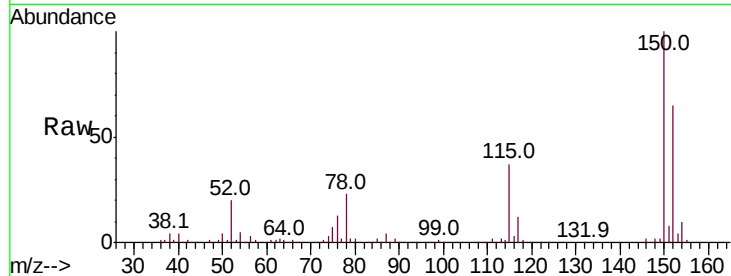
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.5	189.7
115	56.9	47.6	71.4

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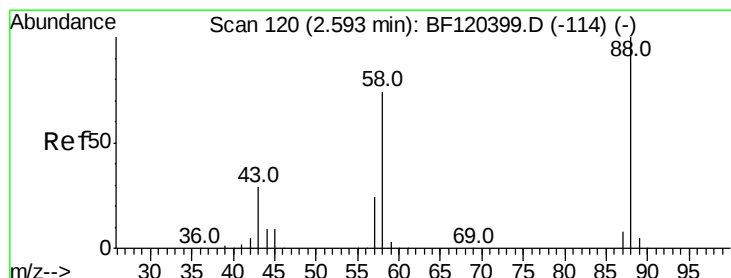
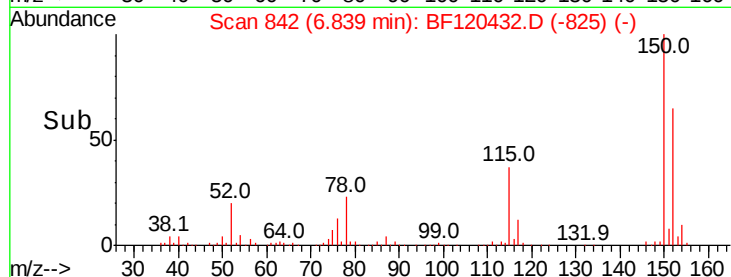
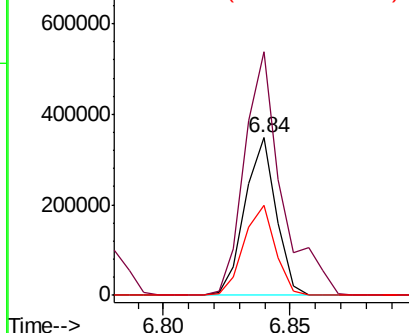


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

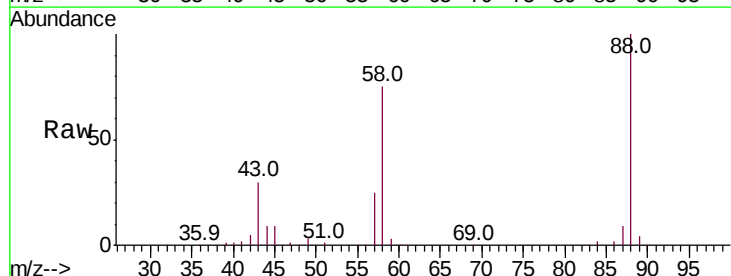
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.100 ng
RT: 2.61 min Scan# 123
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.3	61.0	91.4
43	29.8	23.6	35.4

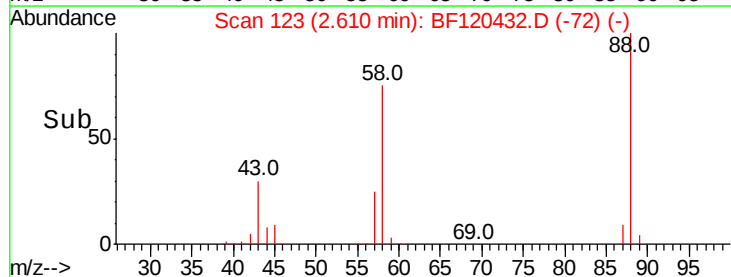
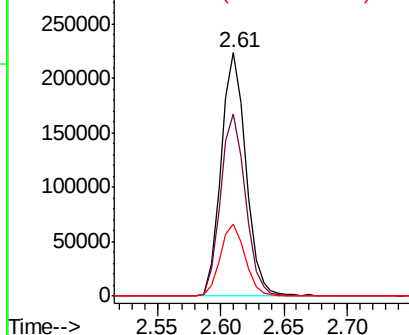


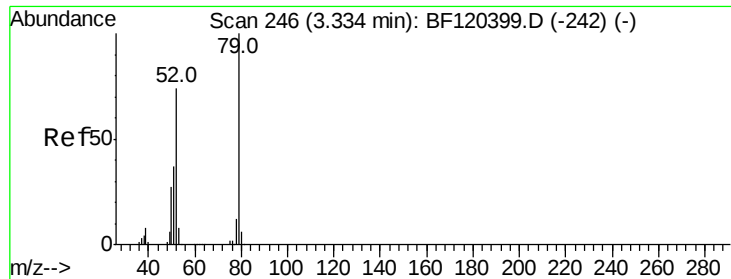
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.168 ng

RT: 3.36 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

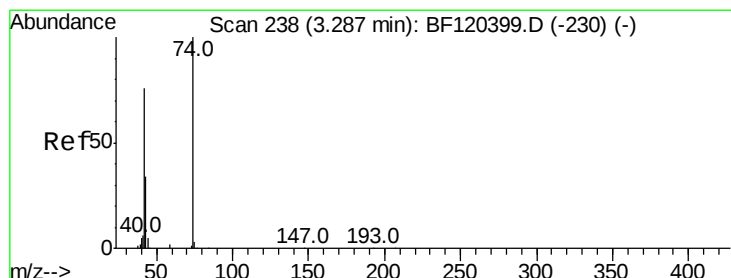
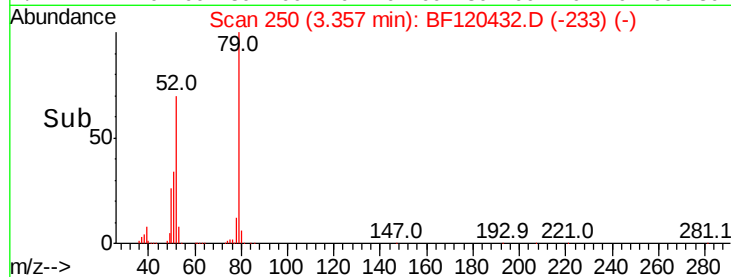
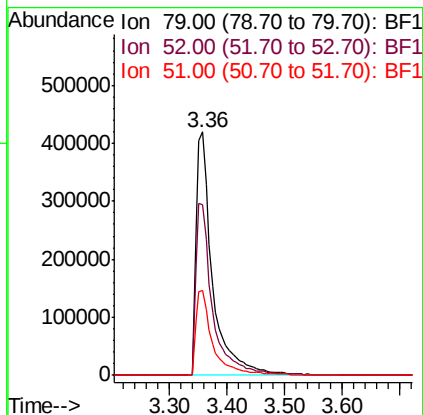
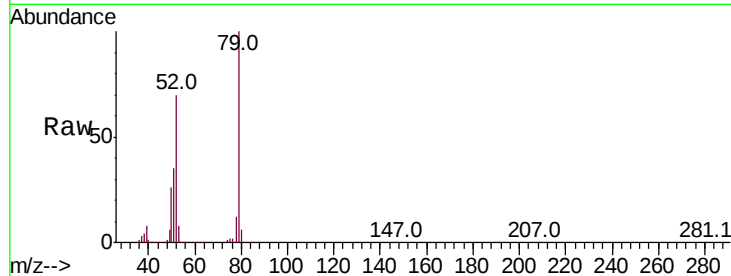
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	841857
Ion Ratio	Lower	Upper	
79	100		
52	69.9	59.2	88.8
51	34.7	29.4	44.2

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#4

n-Nitrosodimethylamine

Concen: 39.414 ng

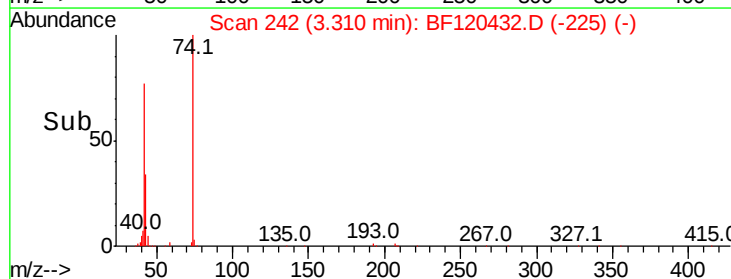
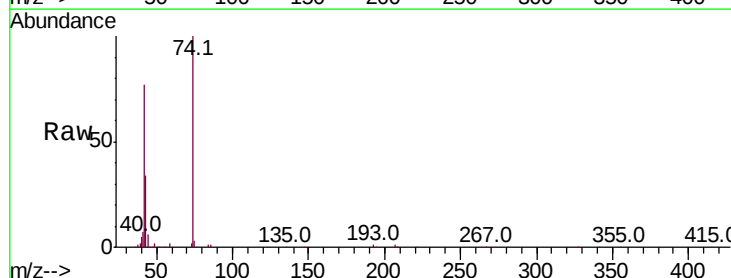
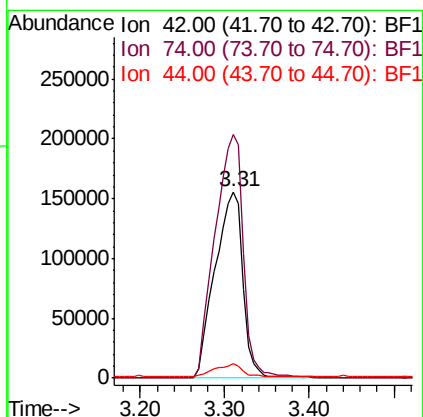
RT: 3.31 min Scan# 242

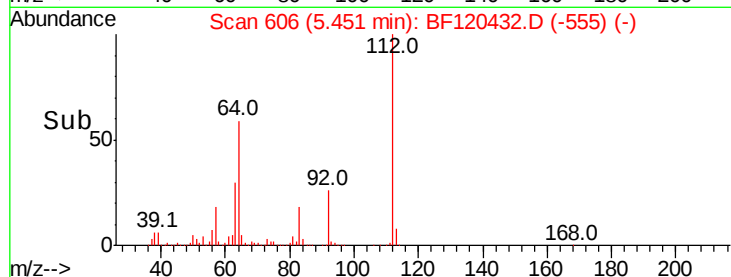
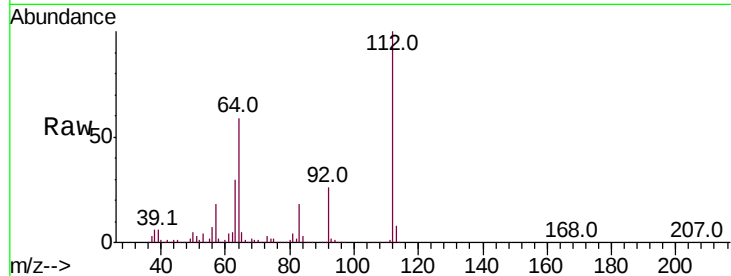
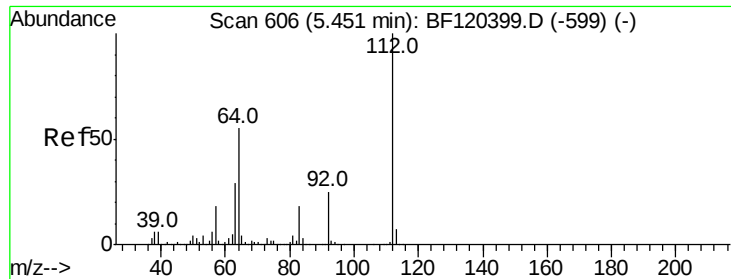
Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Tgt Ion:	42	Resp:	358498
Ion Ratio	Lower	Upper	
42	100		
74	130.6	104.8	157.2
44	8.0	7.0	10.4





#5

2-Fluorophenol

Concen: 78.833 ng

RT: 5.45 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Tot Ion:	112	Resp:	1235047
Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.3	66.5
63	30.4	22.9	34.3

Instrument :

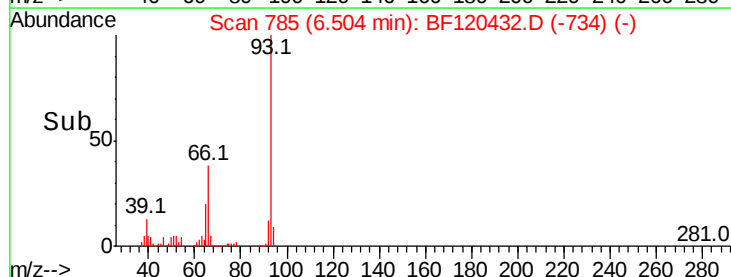
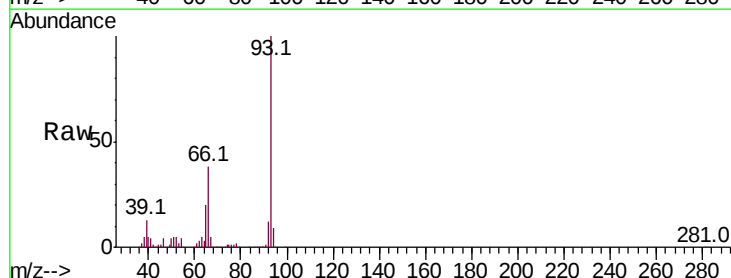
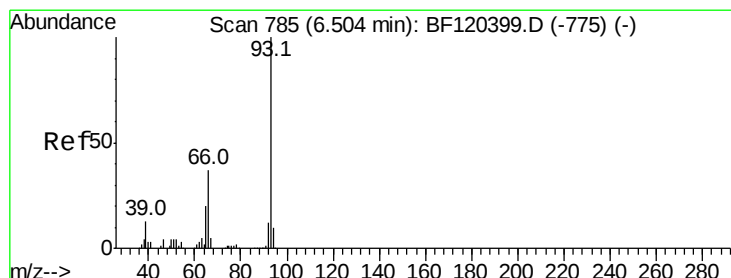
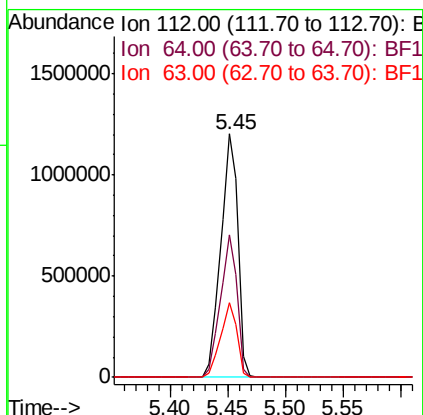
BNA_F

ClientSampleId :

SSTDCCC040

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#6

Aniline

Concen: 40.678 ng

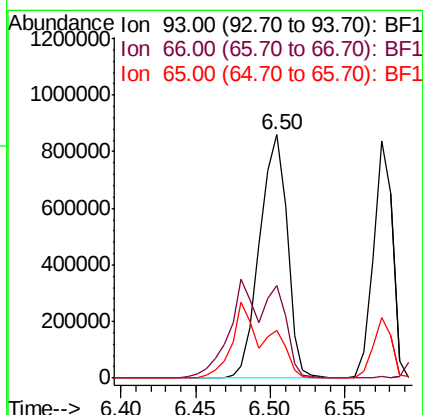
RT: 6.50 min Scan# 785

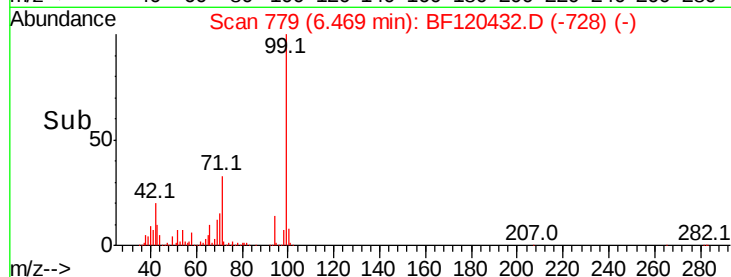
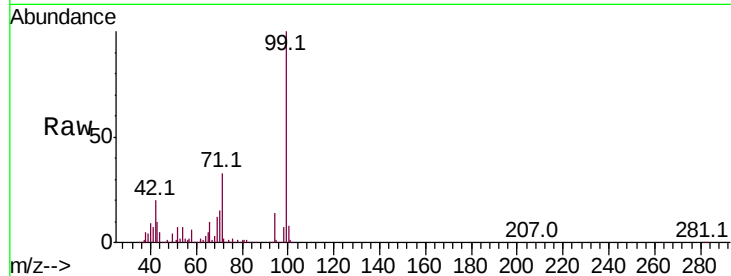
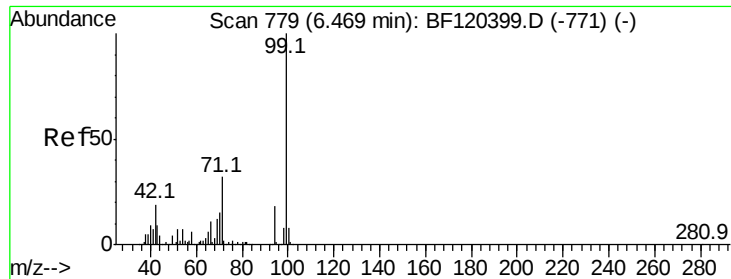
Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Tgt Ion:	93	Resp:	1095252
Ion	Ratio	Lower	Upper
93	100		
66	38.3	30.4	45.6
65	19.8	16.3	24.5





#7

Phenol-d6

Concen: 80.770 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Tot Ion	99	Ratio	100	Resp	1559695	Lower	Upper
99	100						
42	19.5			15.2		22.8	
71	33.0			25.6		38.4	

Instrument :

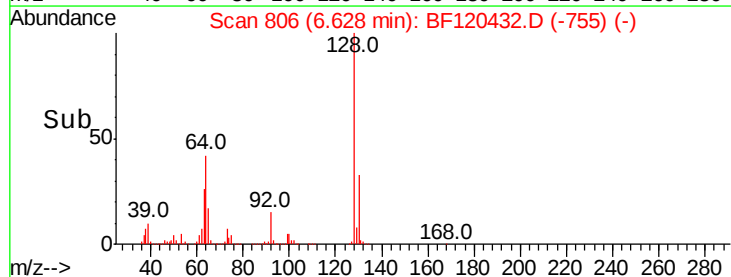
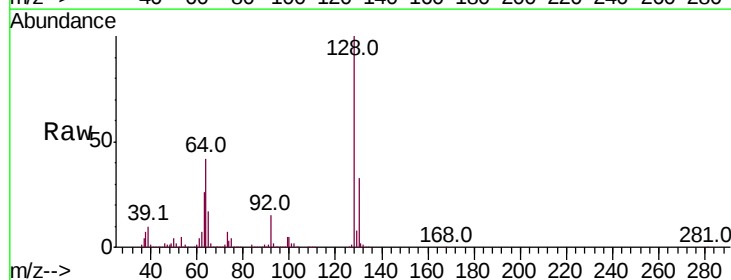
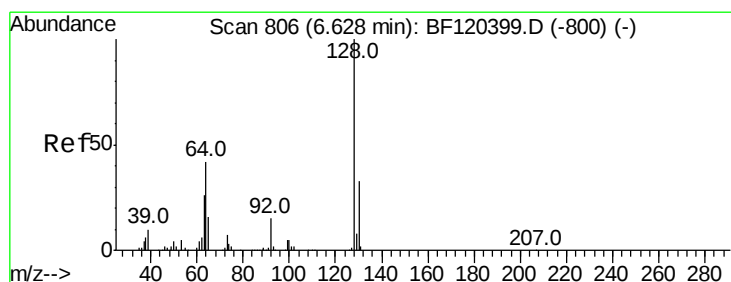
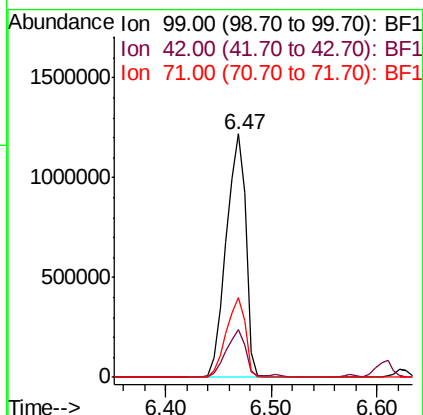
BNA_F

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#8

2-Chlorophenol

Concen: 40.693 ng

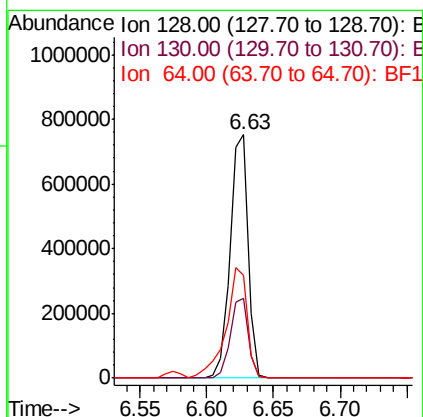
RT: 6.63 min Scan# 806

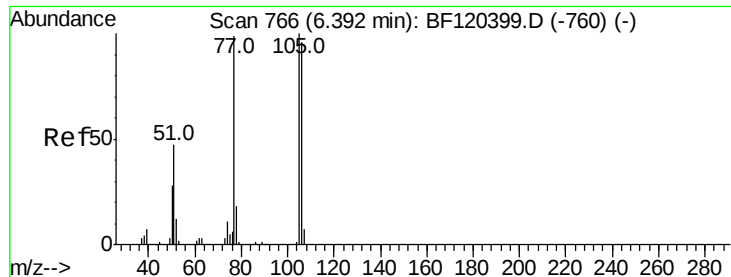
Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Tgt Ion	128	Ratio	100	Resp	718858	Lower	Upper
128	100						
130	33.0			12.9		52.9	
64	42.2			23.2		63.2	





#9

Benzaldehyde

Concen: 38.335 ng

RT: 6.39 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

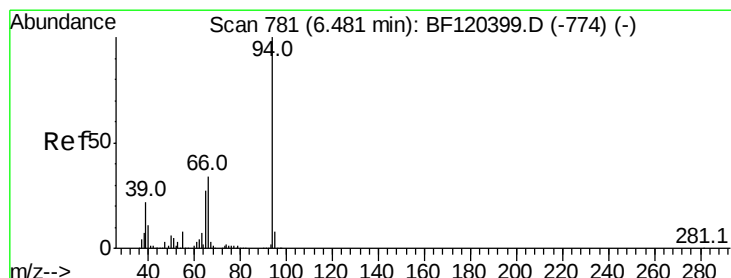
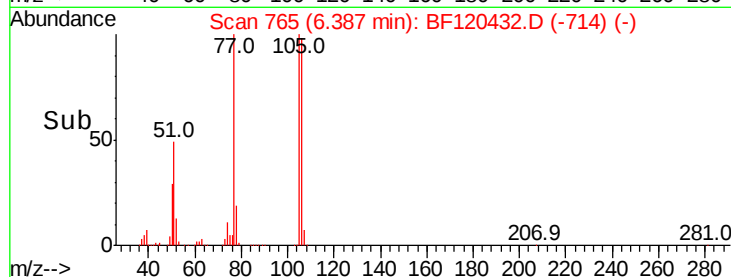
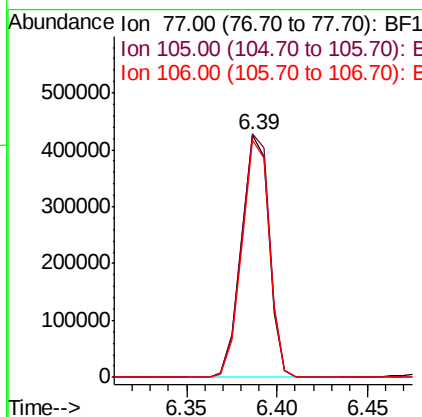
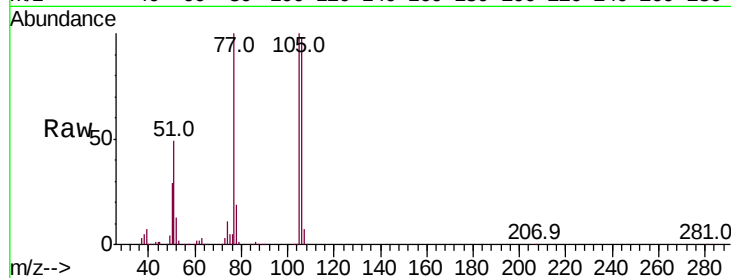
SSTDCCC040

Tot Ion: 77 Resp: 451169

Ion	Ratio	Lower	Upper
77	100		
105	100.4	81.5	121.5
106	98.0	77.4	117.4

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#10

Phenol

Concen: 41.153 ng m

RT: 6.48 min Scan# 781

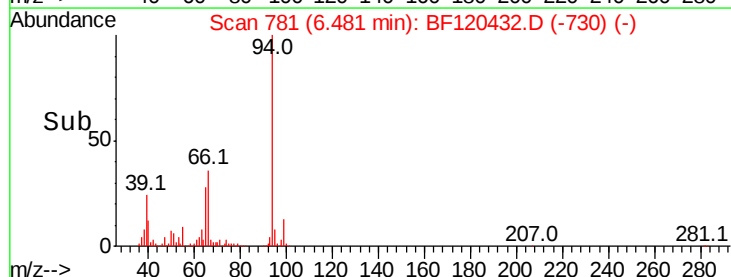
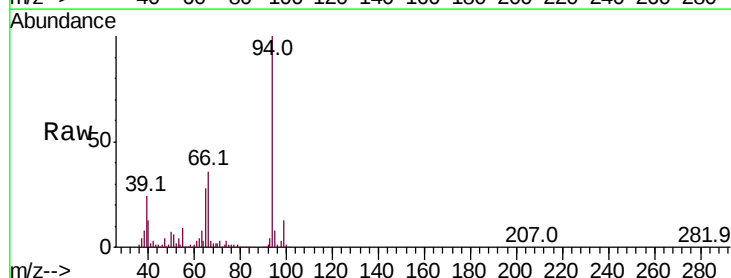
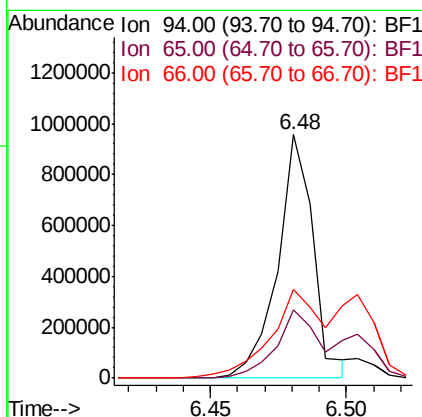
Delta R.T. 0.00 min

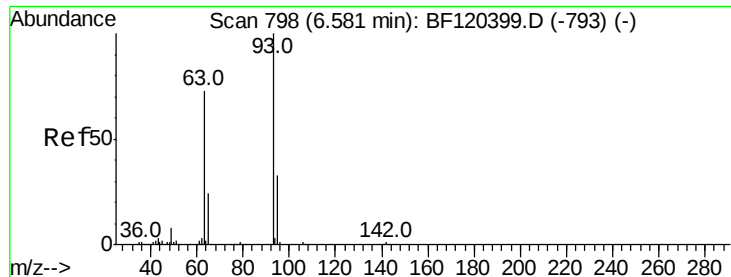
Lab File: BF120432.D

Acq: 29 May 2020 12:06

Tgt Ion: 94 Resp: 869024

Ion	Ratio	Lower	Upper
94	100		
65	28.2	6.8	46.8
66	36.4	13.9	53.9





#11

bis(2-Chloroethyl)ether

Concen: 41.094 ng

RT: 6.57 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

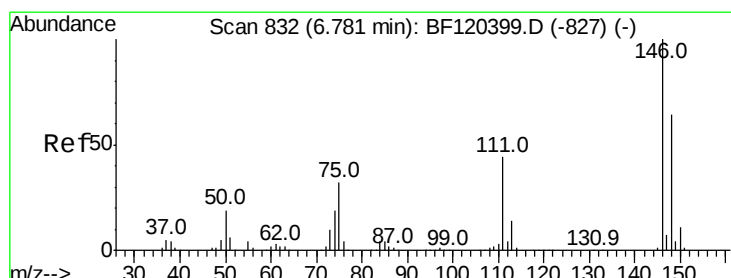
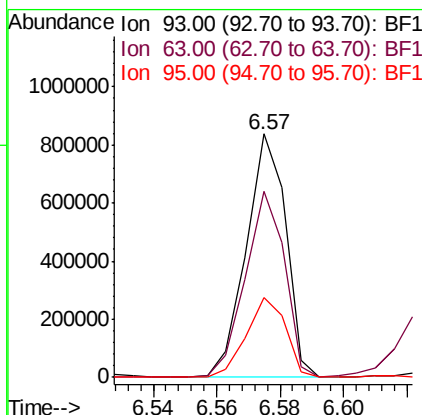
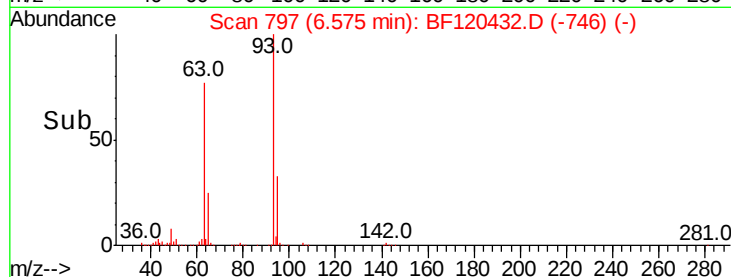
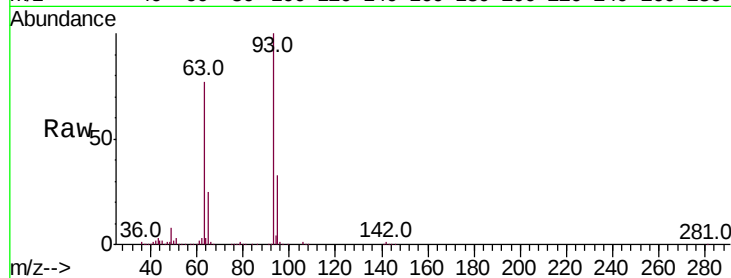
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	725148
Ion Ratio	Lower	Upper	
93	100		
63	76.5	52.8	92.8
95	33.0	12.6	52.6

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#12

1,3-Dichlorobenzene

Concen: 41.500 ng

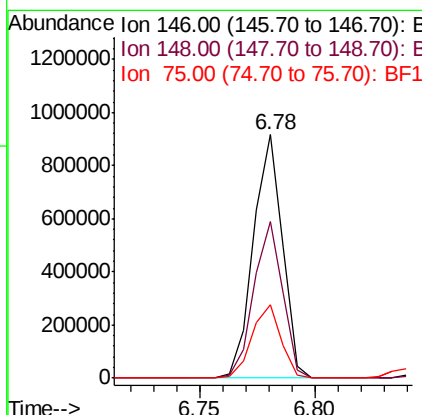
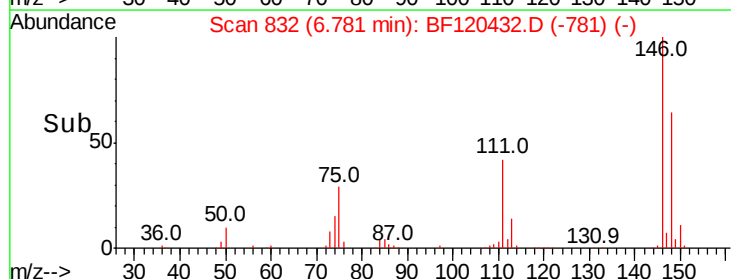
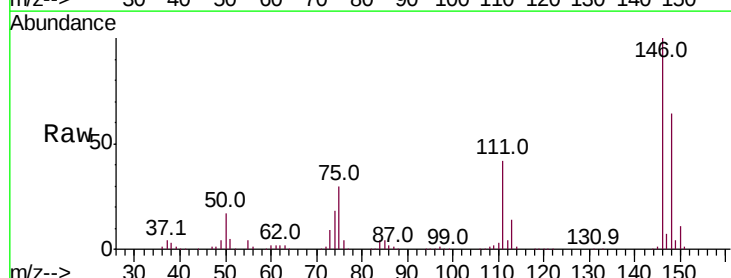
RT: 6.78 min Scan# 832

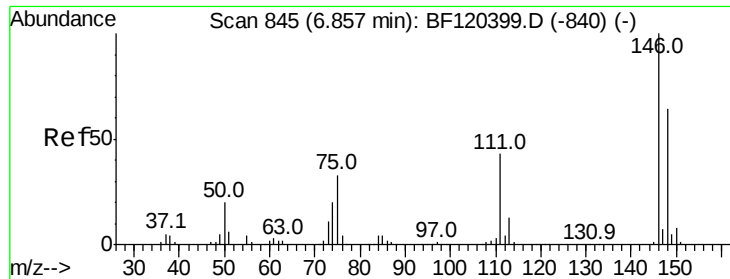
Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Tgt Ion:	146	Resp:	805412
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.2	76.8
75	30.1	25.9	38.9





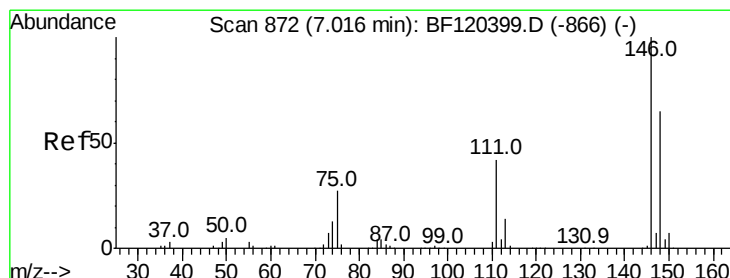
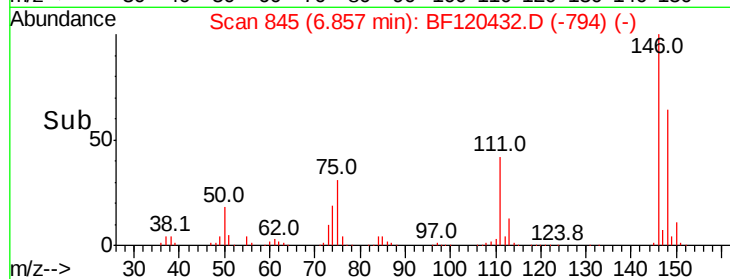
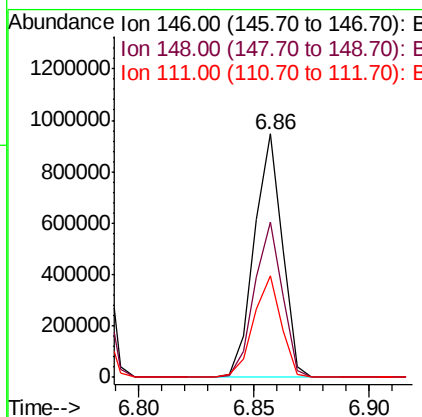
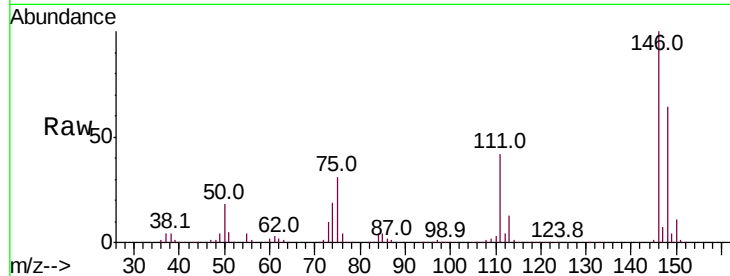
#13
 1,4-Dichlorobenzene
 Concen: 41.325 ng
 RT: 6.86 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
111	42.0	34.2	51.4

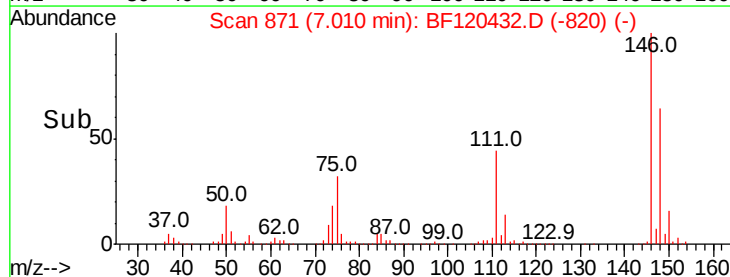
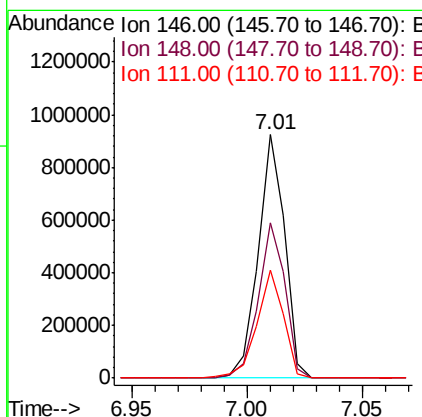
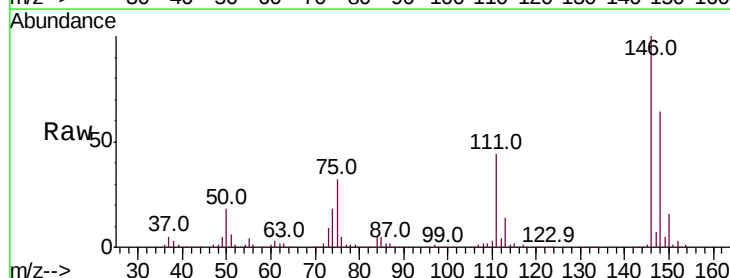
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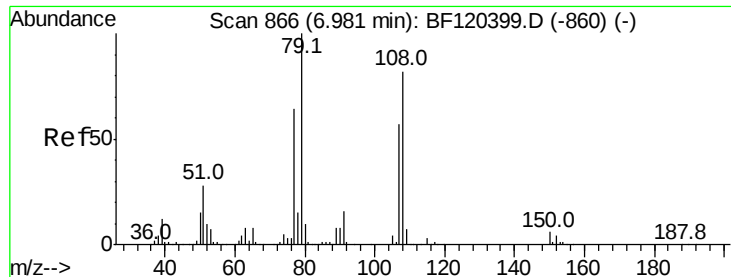
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.505 ng
 RT: 7.01 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.3	78.5
111	44.5	33.9	50.9





#15

Benzyl Alcohol

Concen: 42.371 ng

RT: 6.98 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

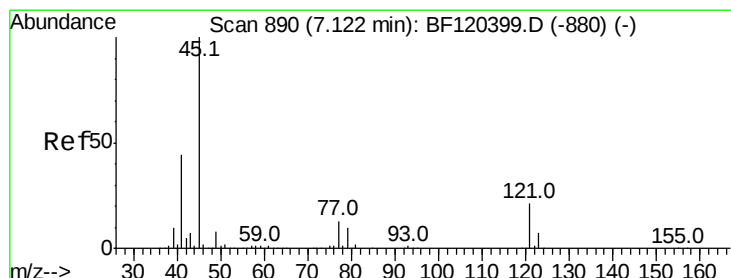
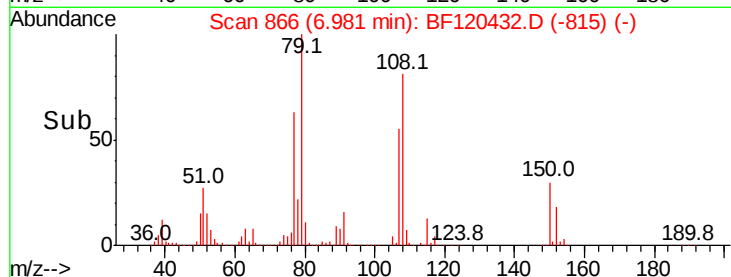
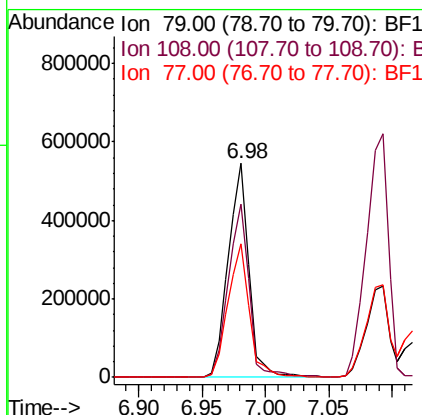
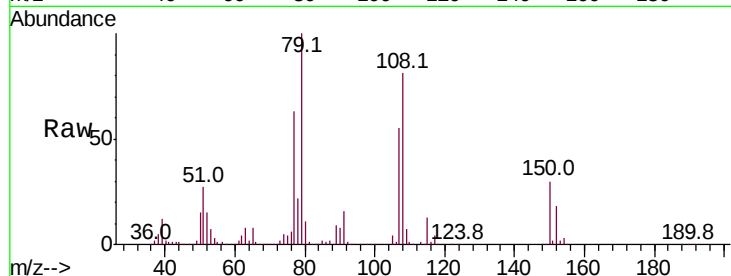
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	616770
Ion	Ratio	Lower	Upper
79	100		
108	81.2	65.8	98.8
77	62.5	51.5	77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.240 ng

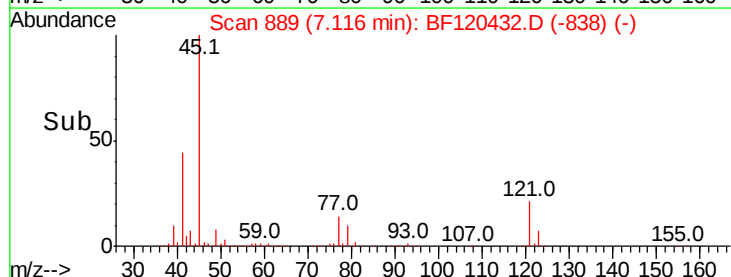
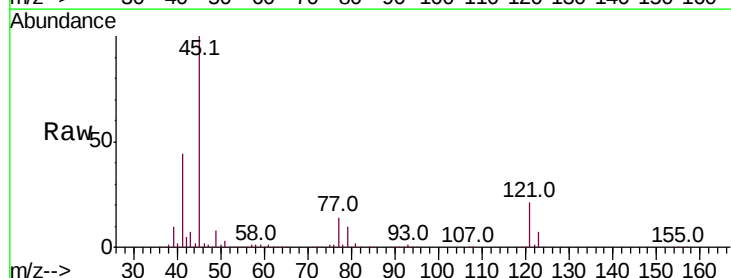
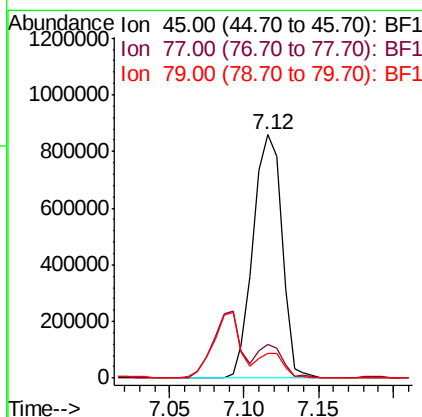
RT: 7.12 min Scan# 889

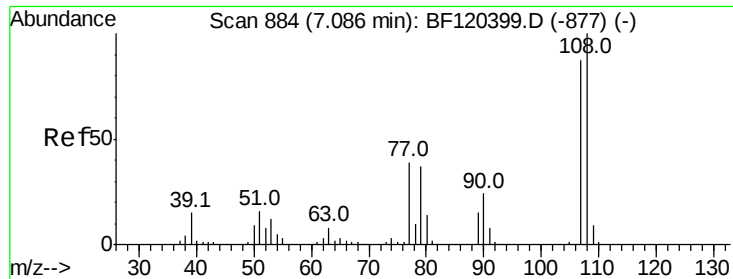
Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Tgt Ion:	45	Resp:	1147261
Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	33.5
79	10.3	0.0	30.3





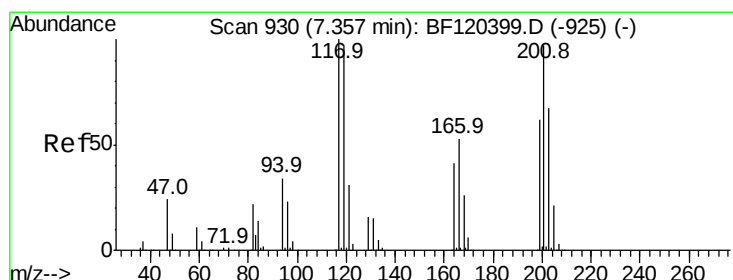
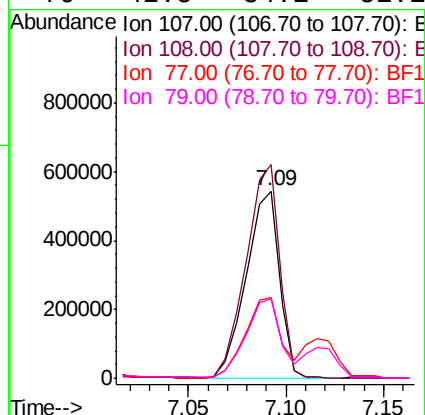
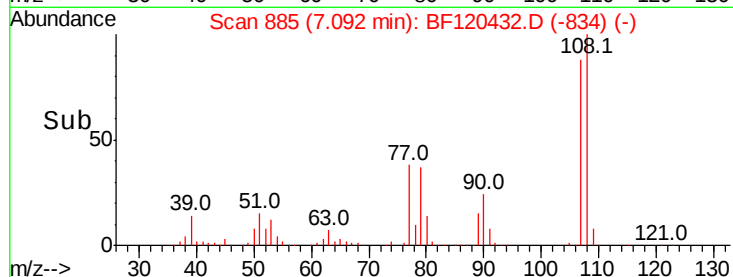
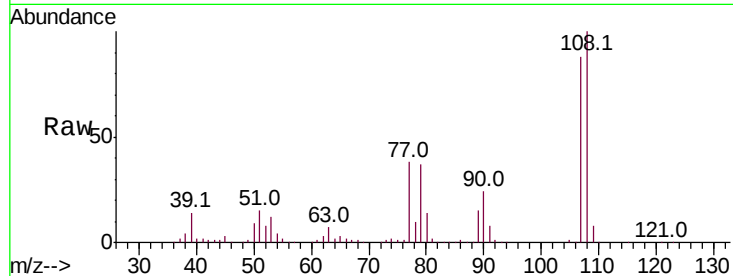
#17
2-Methylphenol
Concen: 40.661 ng
RT: 7.09 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	642306
Ion Ratio	Lower	Upper	
107	100		
108	114.1	92.3	138.5
77	43.4	35.7	53.5
79	42.5	34.1	51.1

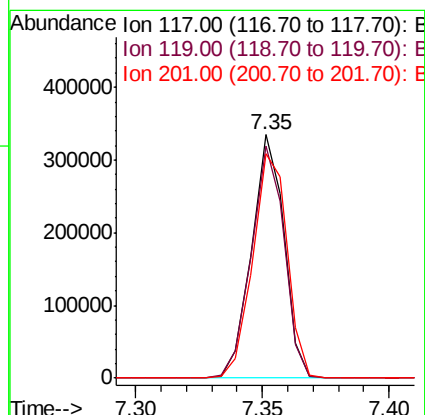
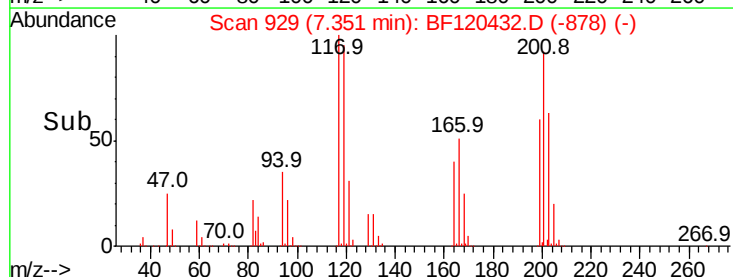
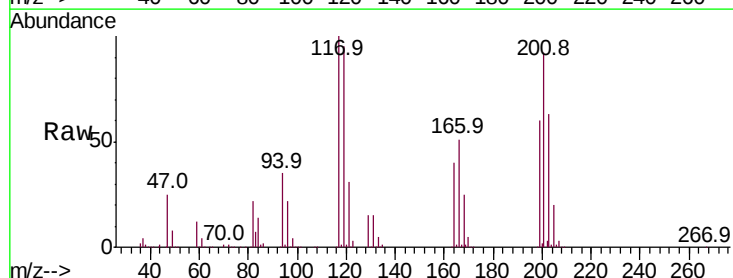
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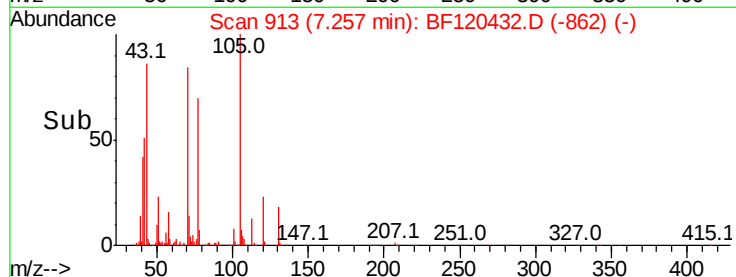
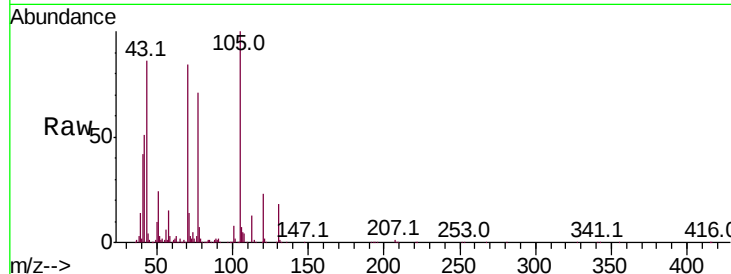
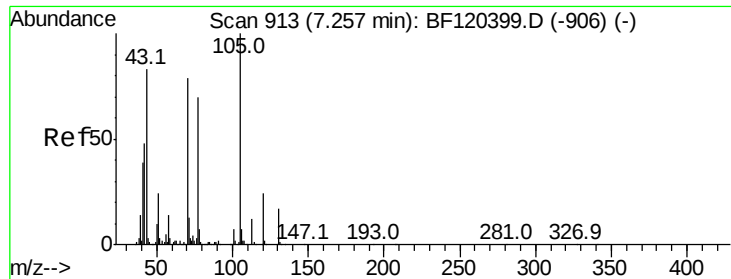
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#18
Hexachloroethane
Concen: 42.105 ng
RT: 7.35 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion:	117	Resp:	298431
Ion Ratio	Lower	Upper	
117	100		
119	95.3	77.4	116.2
201	92.0	77.7	116.5





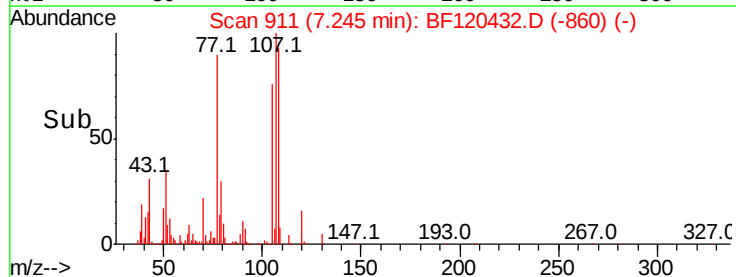
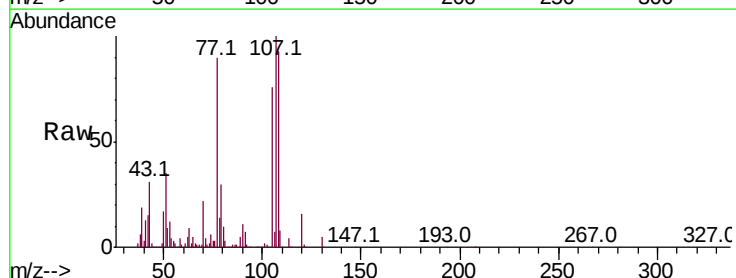
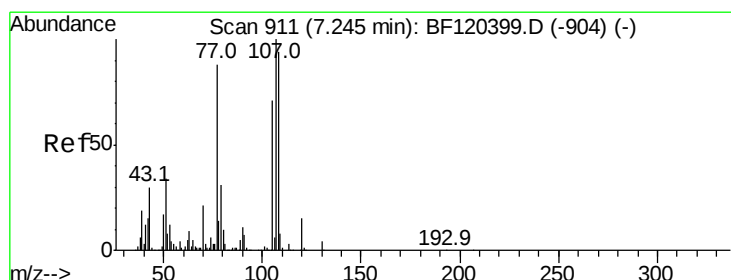
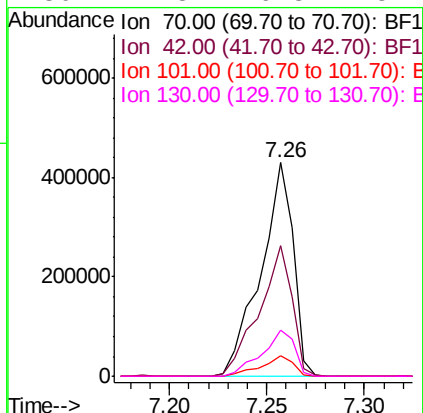
#19
n-Nitroso-di-n-propylamine
Concen: 40.590 ng
RT: 7.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.0	48.9	73.3
101	9.3	7.4	11.2
130	21.8	16.8	25.2

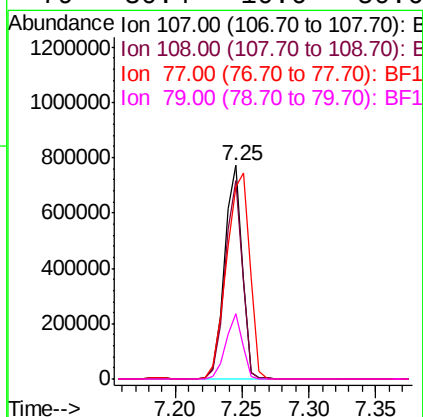
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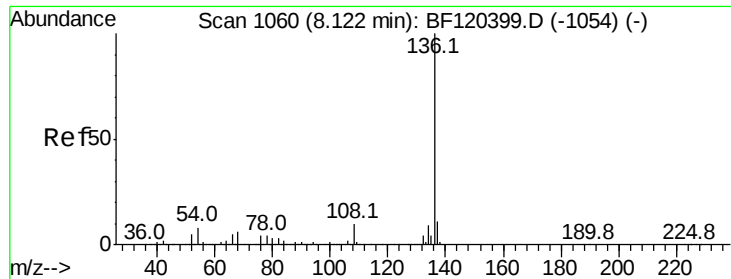
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#20
3+4-Methylphenols
Concen: 36.293 ng
RT: 7.25 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	74.4	114.4
77	90.1	67.6	107.6
79	30.4	10.6	50.6





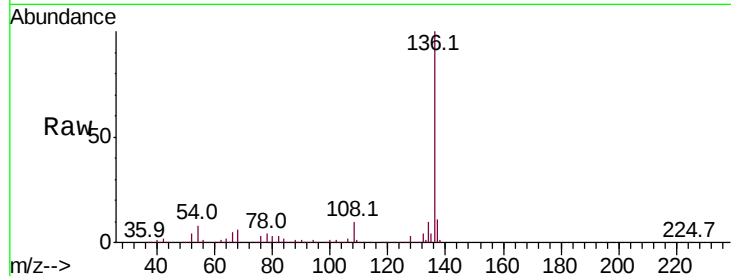
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.9	6.7	10.1
68	6.0	5.0	7.4

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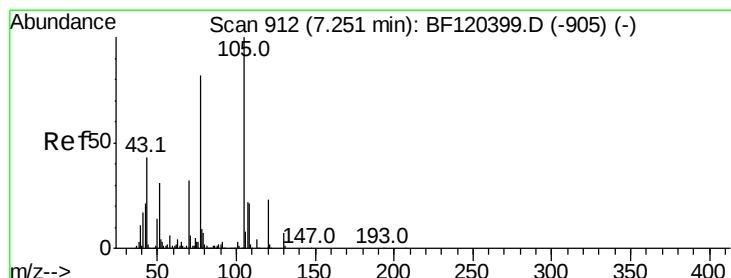
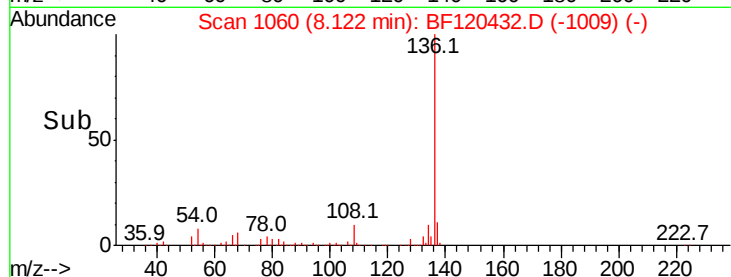
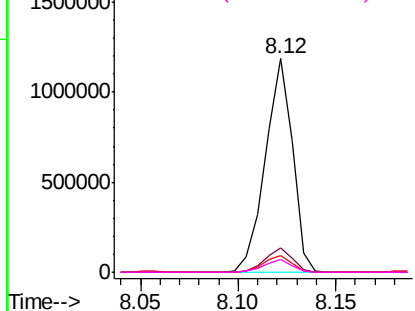
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.775 ng
RT: 7.25 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.4	6.6
51	31.9	24.5	36.7
120	22.5	18.2	27.2

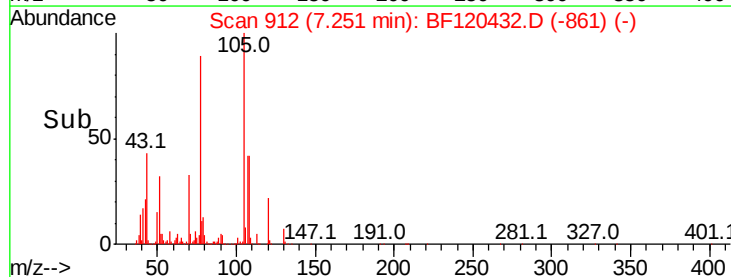
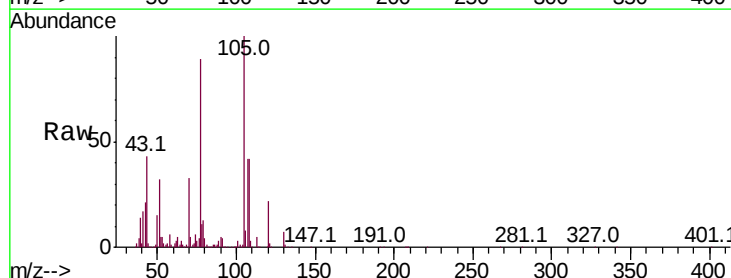
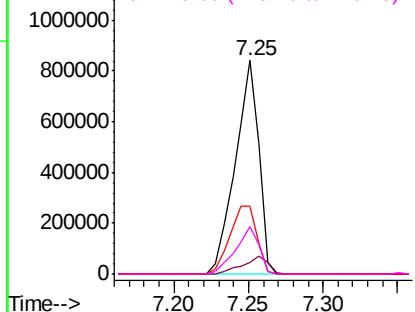
Abundance

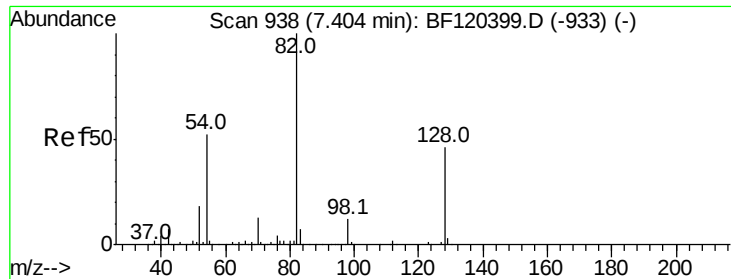
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





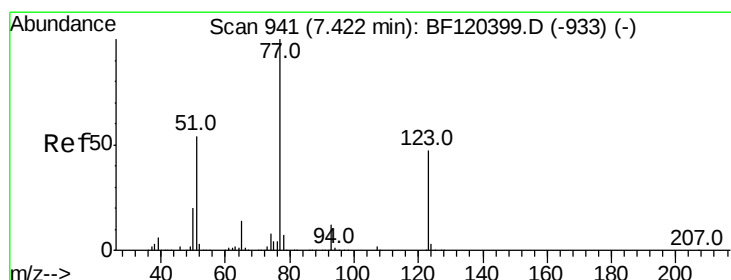
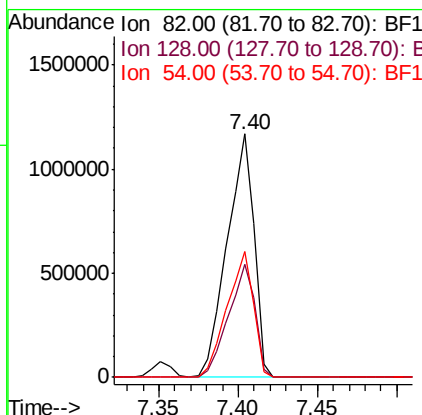
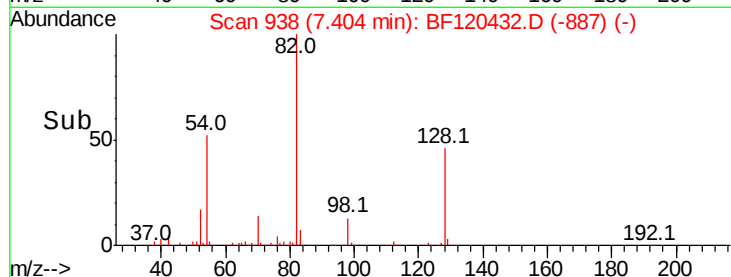
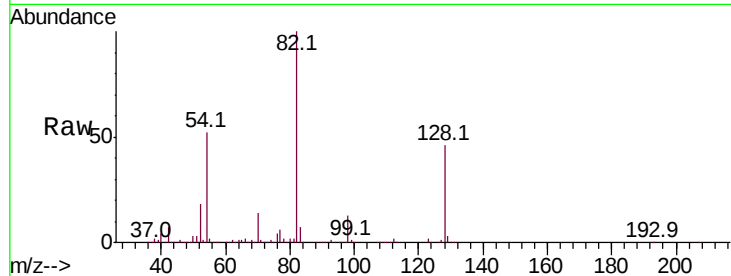
#23
Nitrobenzene-d5
Concen: 78.633 ng
RT: 7.40 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1374250
Ion Ratio Lower Upper
82 100
128 46.5 36.8 55.2
54 51.7 41.6 62.4

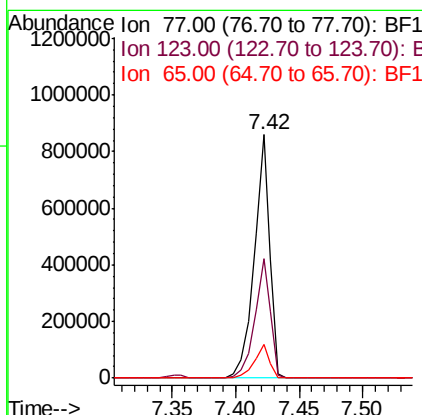
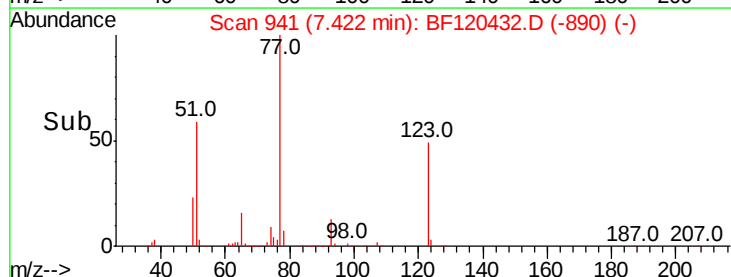
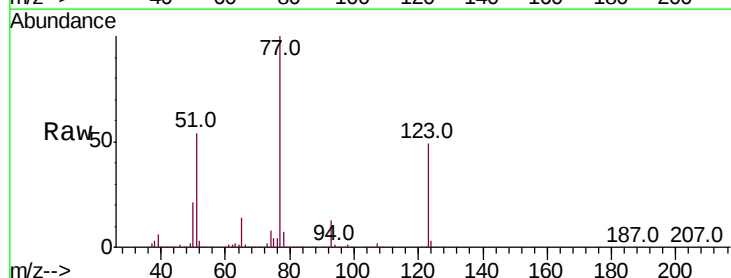
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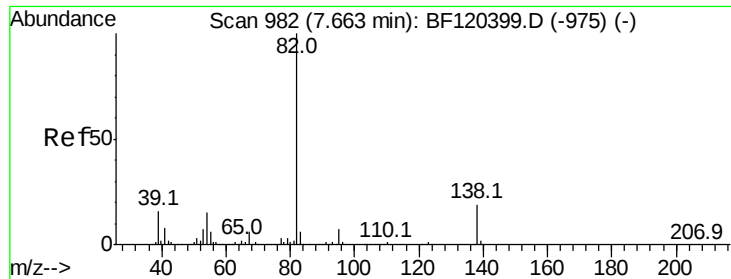
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#24
Nitrobenzene
Concen: 39.163 ng
RT: 7.42 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion: 77 Resp: 737294
Ion Ratio Lower Upper
77 100
123 48.8 37.8 56.6
65 14.1 11.3 16.9





#25

Isophorone

Concen: 40.219 ng

RT: 7.66 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1412709

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

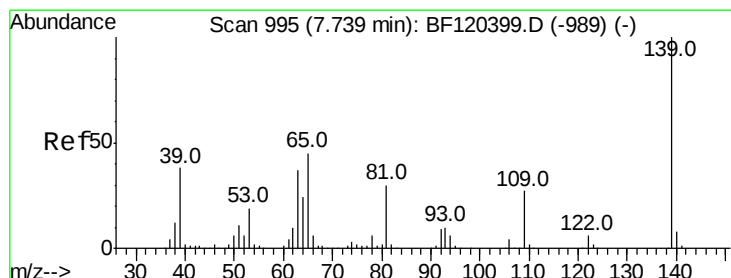
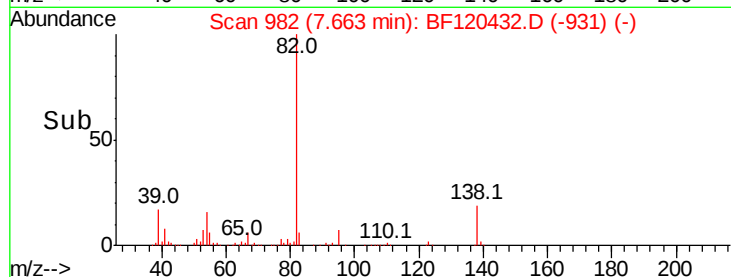
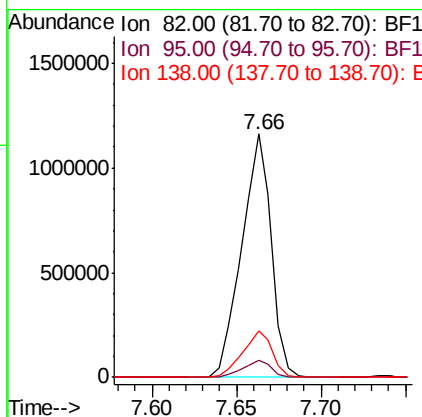
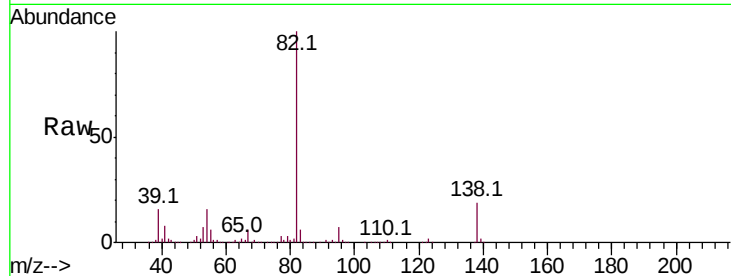
138 19.2 15.0 22.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 40.904 ng

RT: 7.74 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

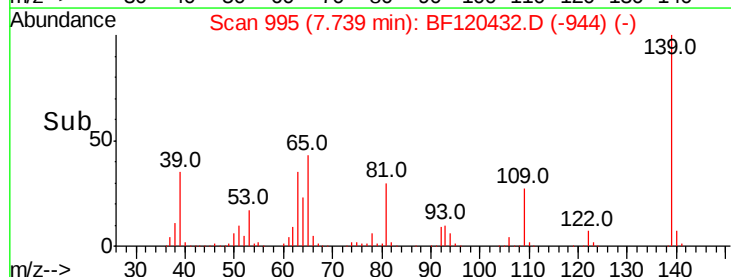
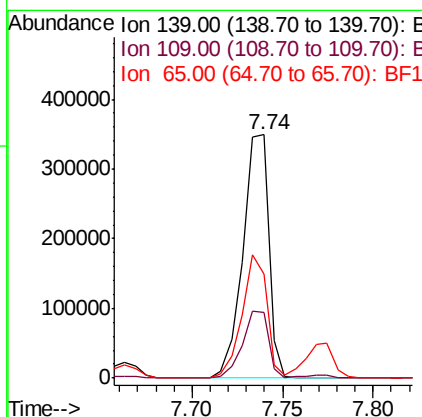
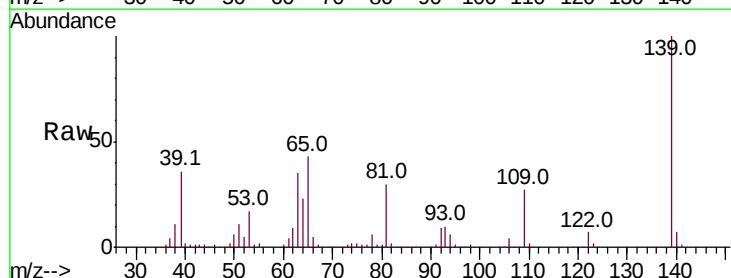
Tgt Ion:139 Resp: 347201

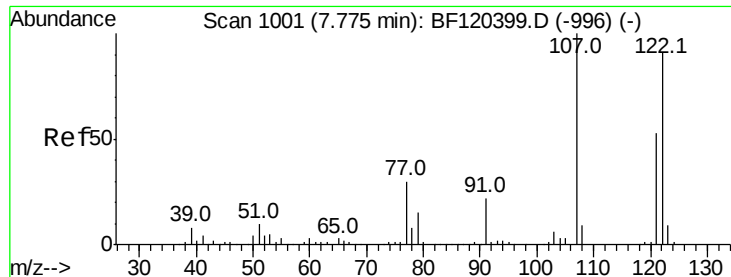
Ion Ratio Lower Upper

139 100

109 26.9 21.2 31.8

65 42.8 35.8 53.6





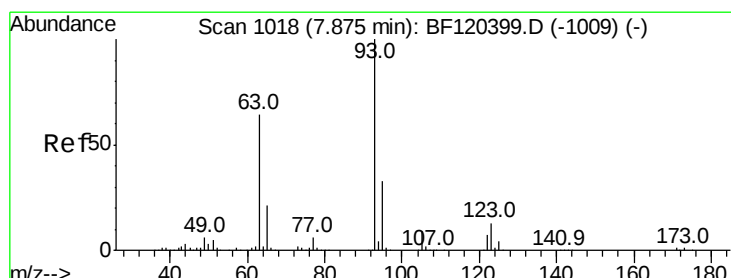
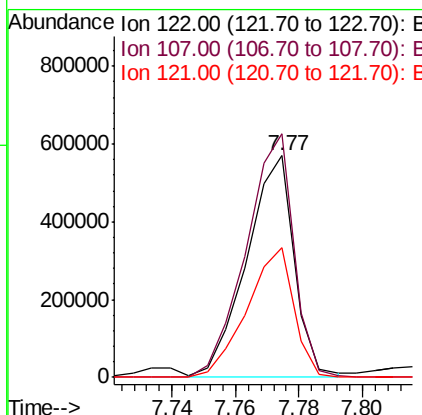
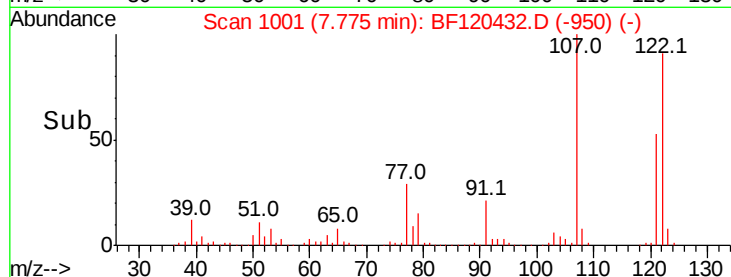
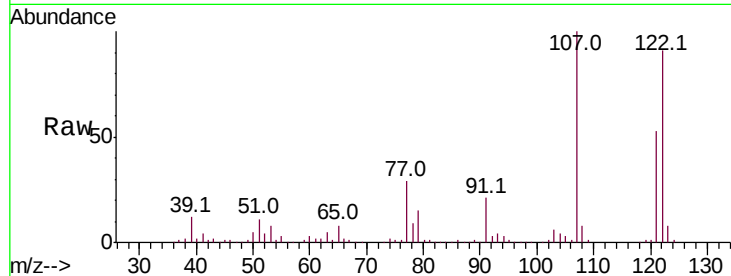
#27
 2,4-Dimethylphenol
 Concen: 40.338 ng
 RT: 7.77 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:	122	Resp:	594601
Ion Ratio	Lower	Upper	
122	100		
107	109.9	87.3	130.9
121	58.5	46.2	69.2

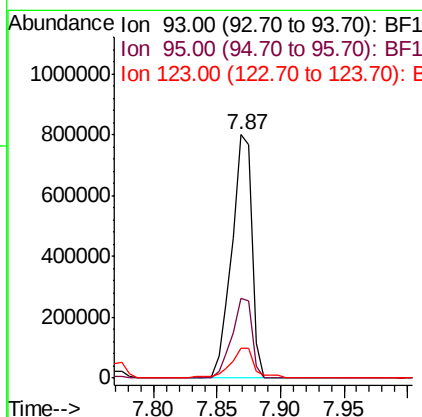
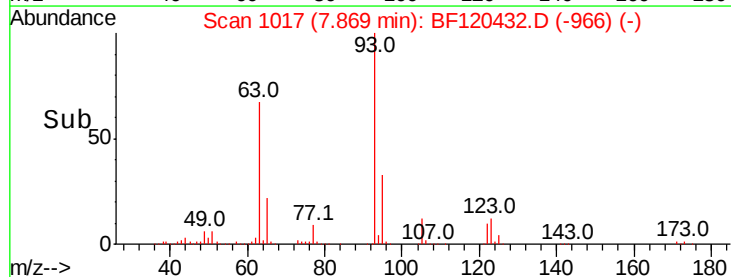
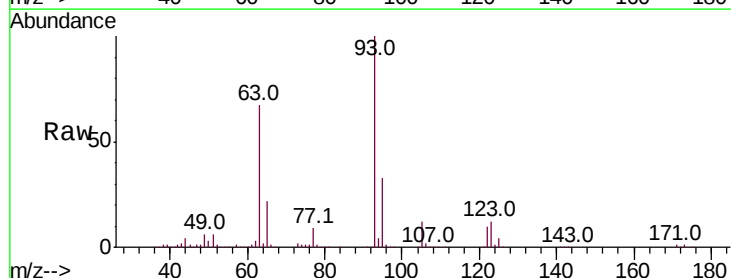
Manual Integrations
 APPROVED

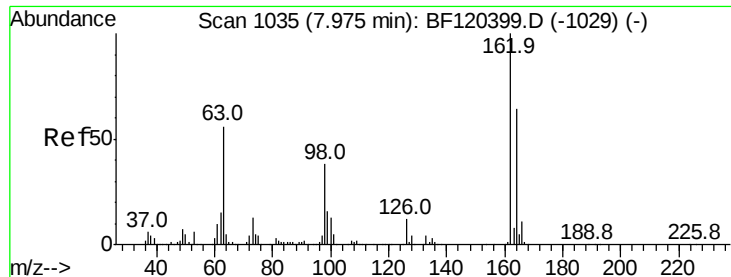
mohammad
 6/1/2020 12:20:53 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.282 ng
 RT: 7.87 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion:	93	Resp:	873254
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.6	39.8
123	12.4	10.3	15.5





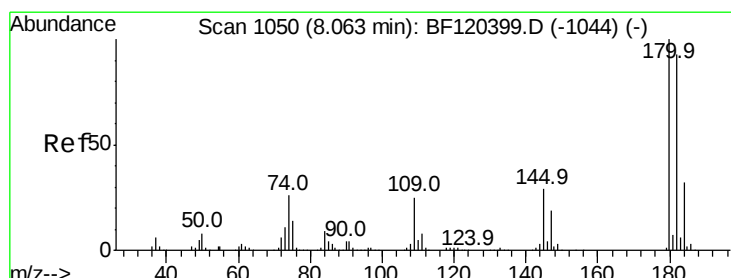
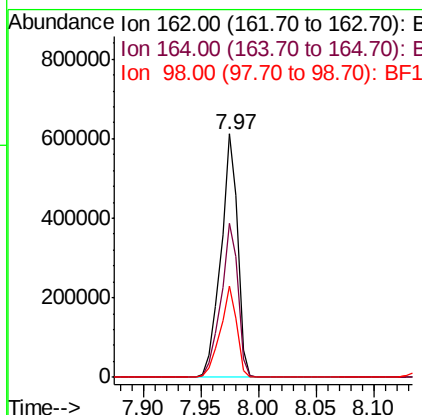
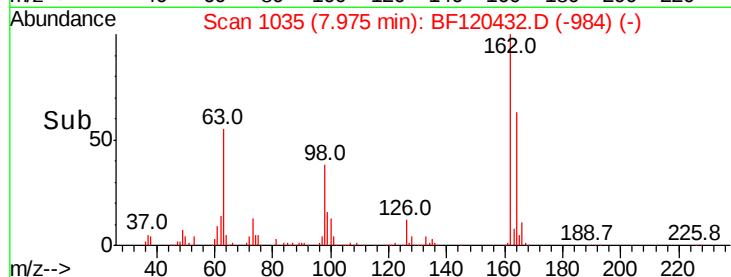
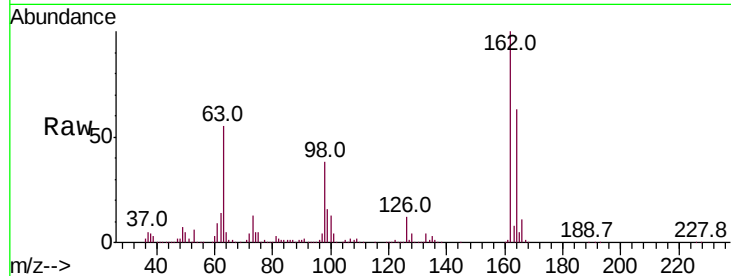
#29
2,4-Dichlorophenol
Concen: 41.496 ng
RT: 7.97 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	617830		
164	63.1	43.9	83.9	
98	37.7	17.8	57.8	

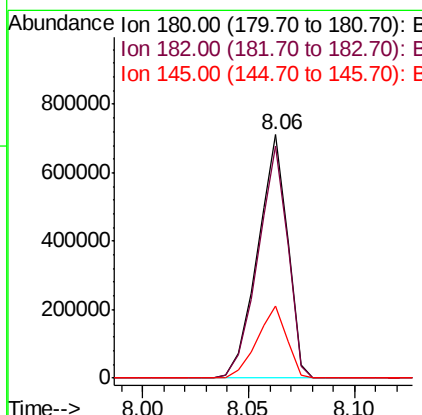
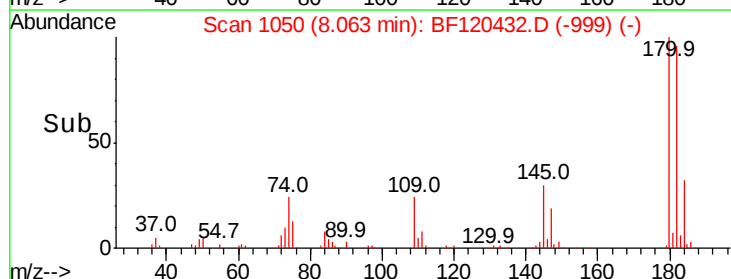
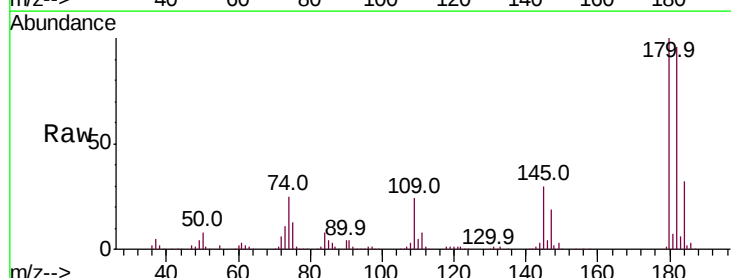
Manual Integrations
APPROVED

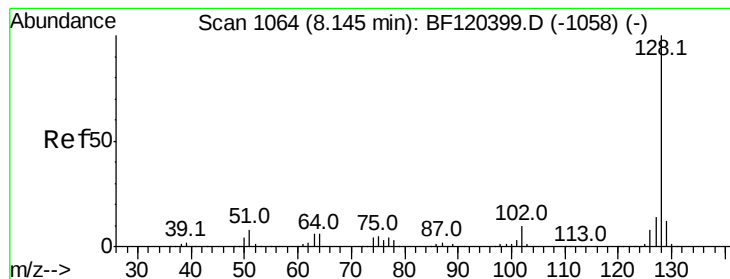
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.706 ng
RT: 8.06 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	696847		
182	95.6	74.6	111.8	
145	29.6	23.4	35.2	





#31

Naphthalene

Concen: 40.529 ng

RT: 8.15 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2034836

Ion Ratio Lower Upper

128 100

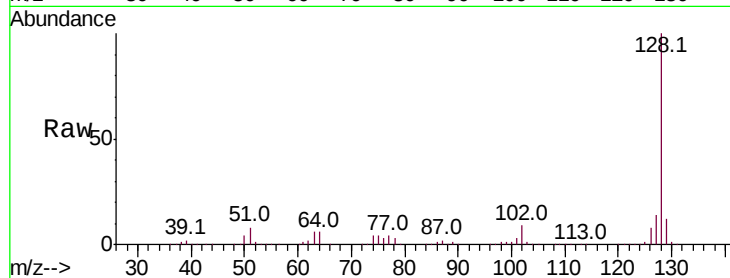
129 11.7 9.7 14.5

127 14.1 11.0 16.6

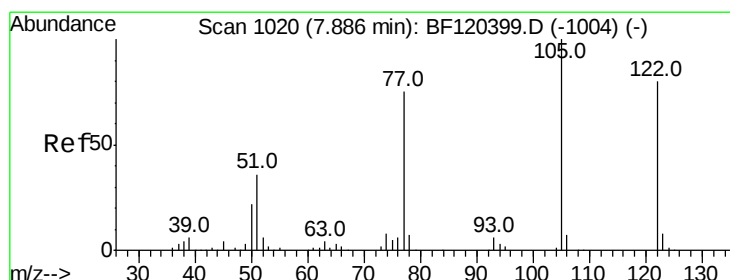
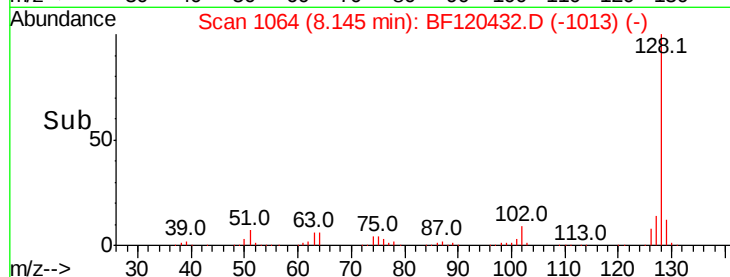
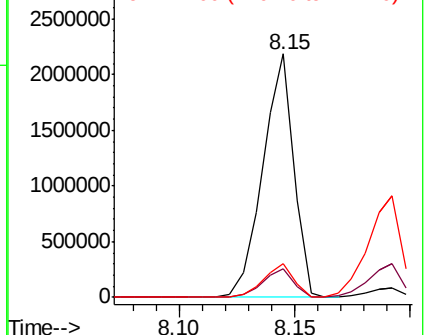
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.648 ng

RT: 7.89 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

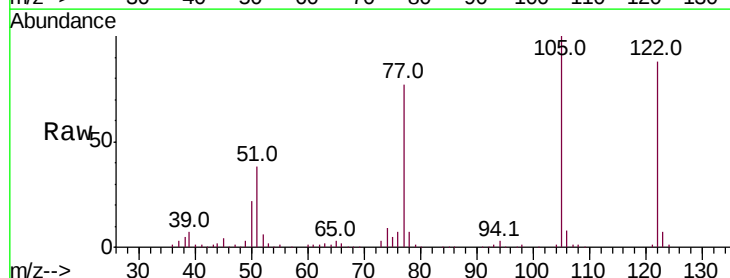
Tgt Ion:122 Resp: 433694

Ion Ratio Lower Upper

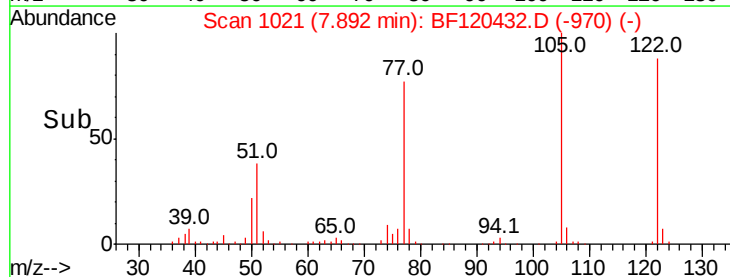
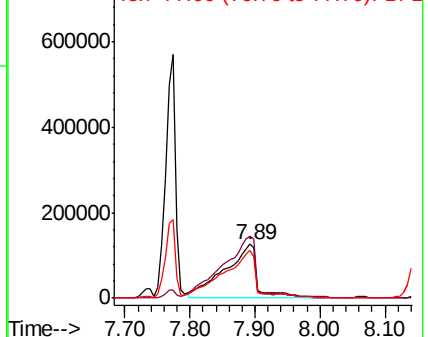
122 100

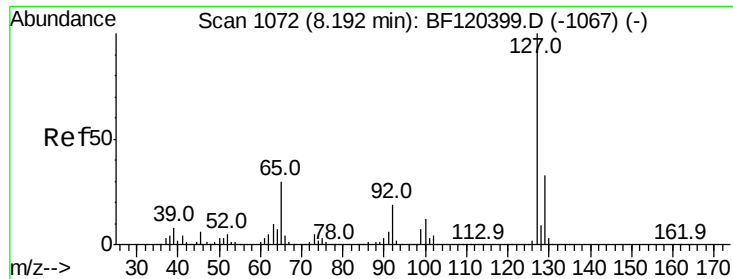
105 114.0 101.1 141.1

77 87.8 71.9 111.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





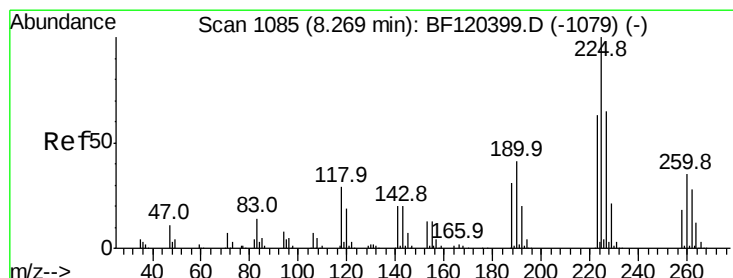
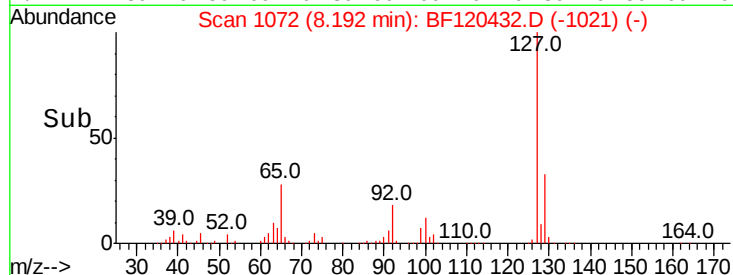
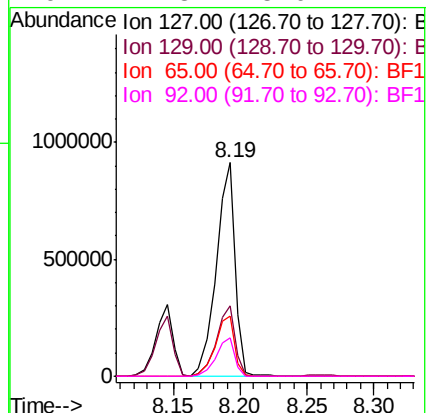
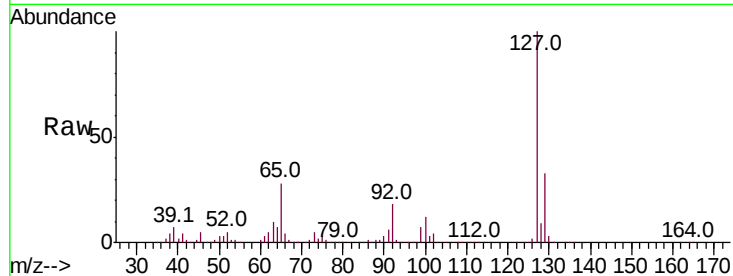
#33
4-Chloroaniline
Concen: 40.646 ng
RT: 8.19 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.8	40.2		
65	28.1	23.7	35.5		
92	17.8	15.0	22.4		

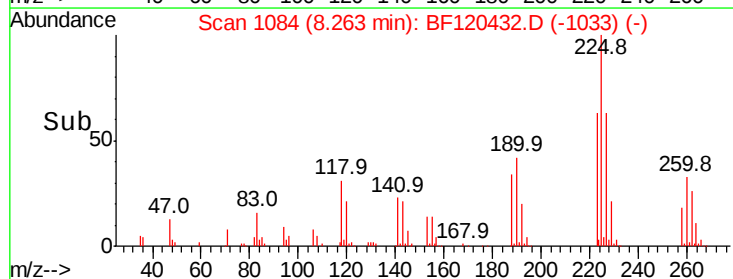
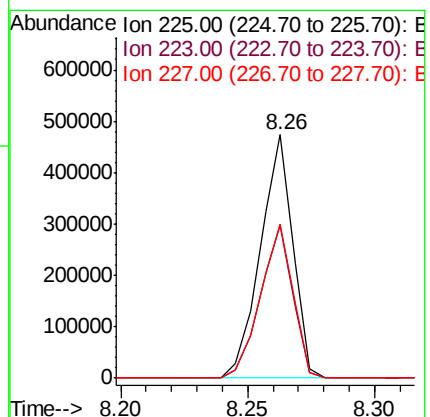
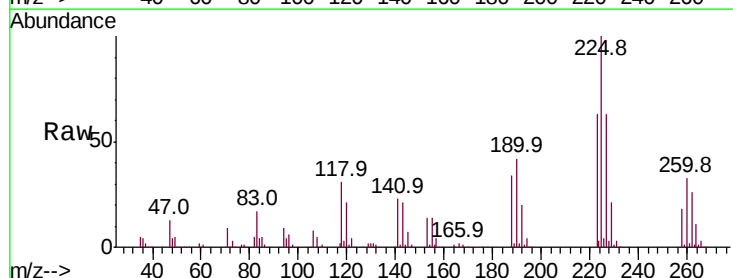
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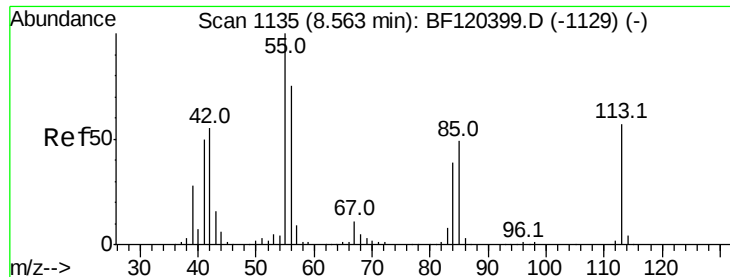
mohammad
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#34
Hexachlorobutadiene
Concen: 42.649 ng
RT: 8.26 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.2	75.2		
227	63.3	52.1	78.1		





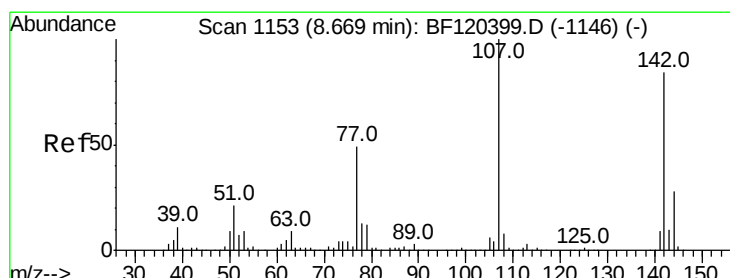
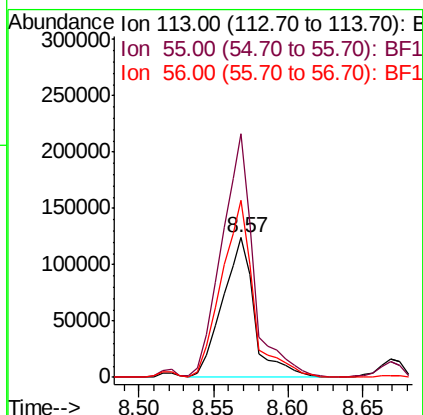
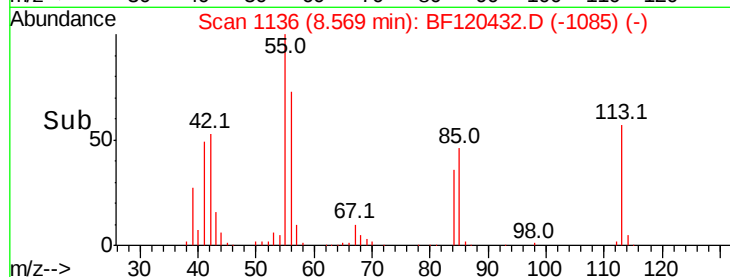
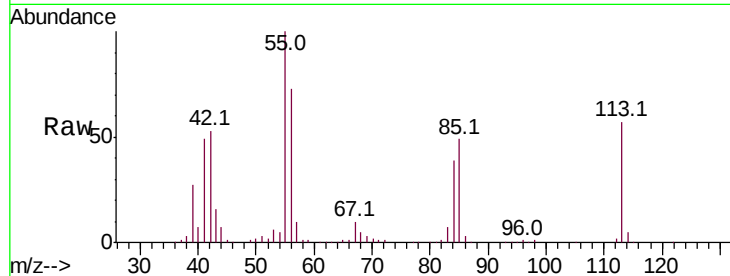
#35
Caprolactam
Concen: 38.935 ng
RT: 8.57 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100	187737		
55	174.2	154.9	194.9	
56	126.5	110.9	150.9	

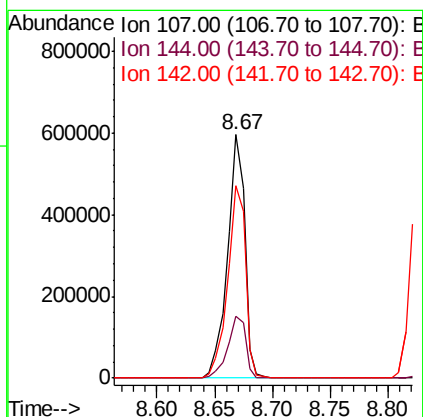
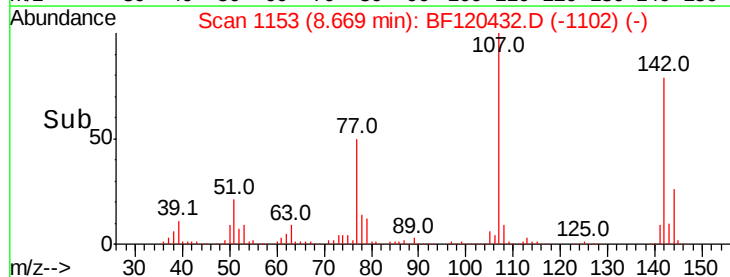
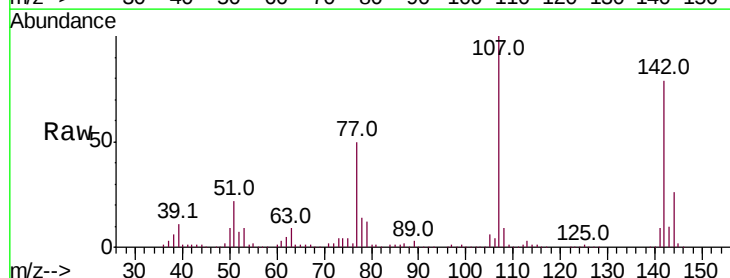
Manual Integrations
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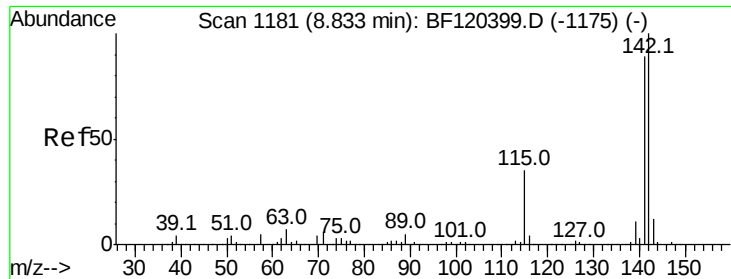
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 40.986 ng
RT: 8.67 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	619111		
144	25.6	22.0	33.0	
142	79.3	67.0	100.4	





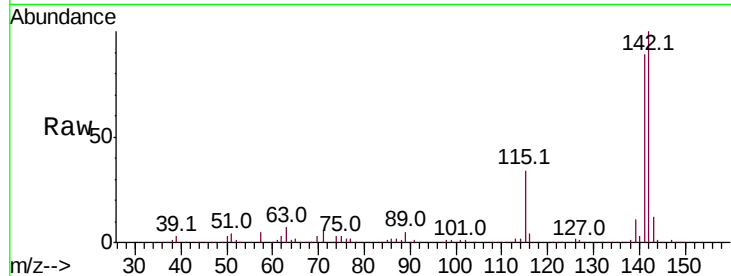
#37
2-Methylnaphthalene
Concen: 41.544 ng
RT: 8.83 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.0
115	34.4	27.8	41.8

Manual Integrations
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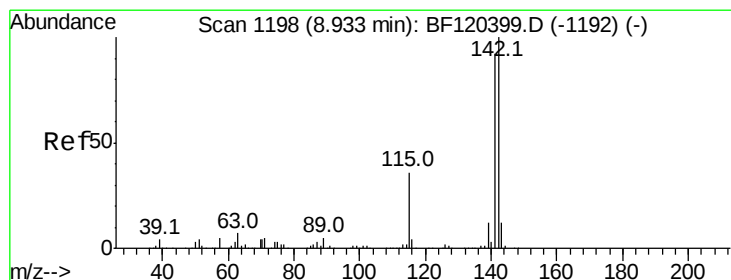
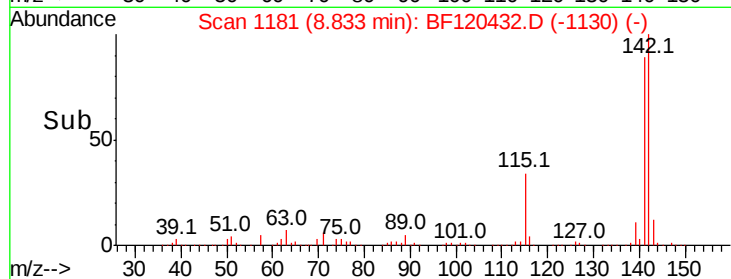
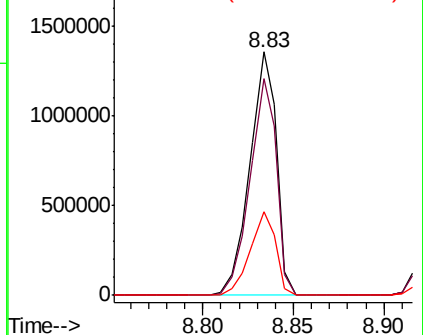


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.353 ng
RT: 8.93 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

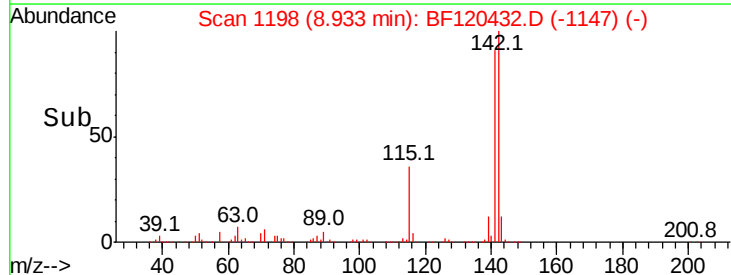
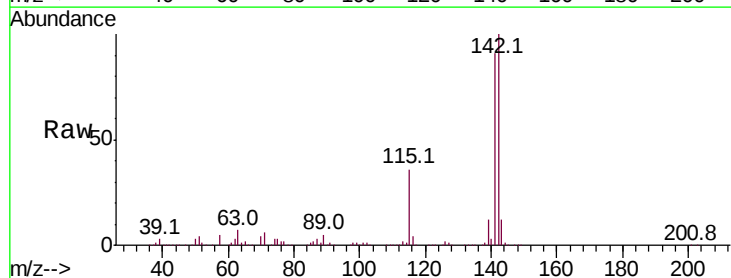
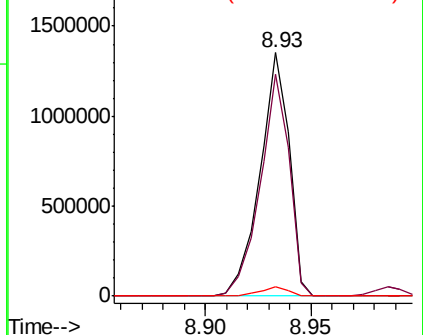
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.9	110.9
116	3.9	3.1	4.7

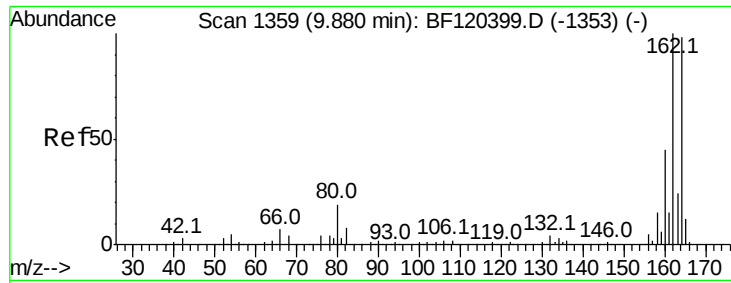
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





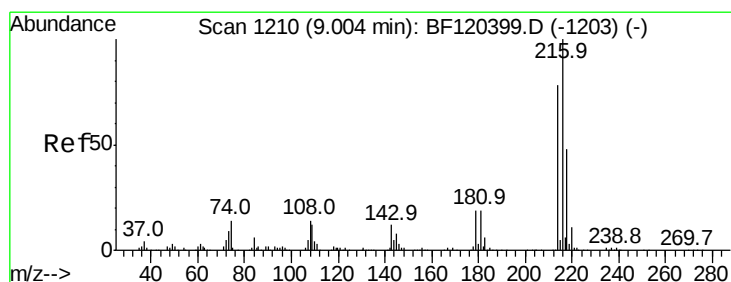
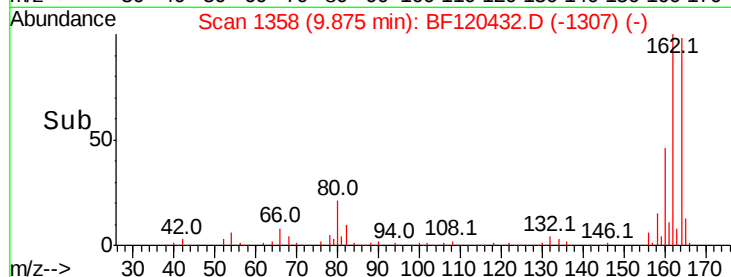
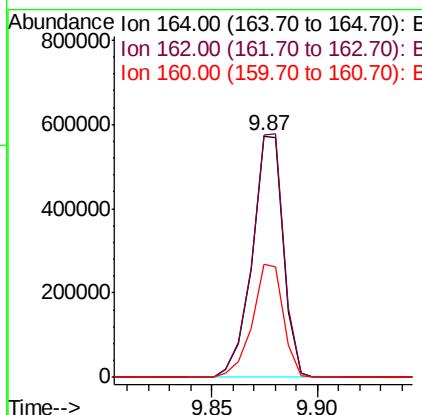
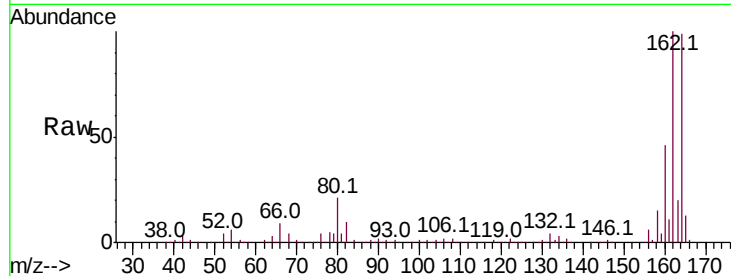
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.6	81.3	121.9	
160	46.6	36.9	55.3	

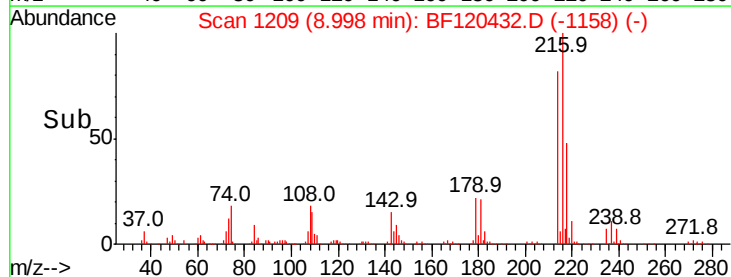
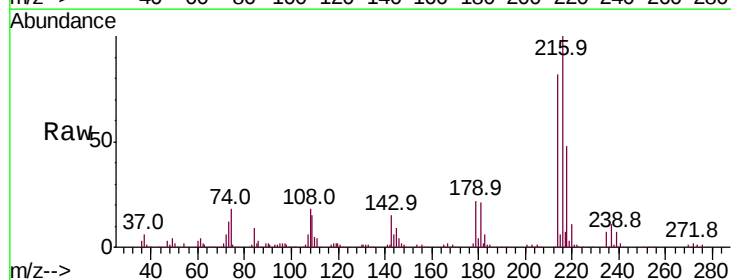
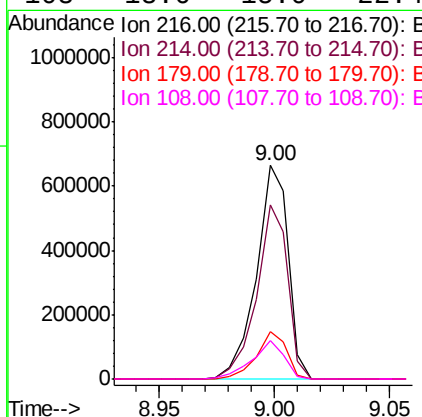
Manual Integrations
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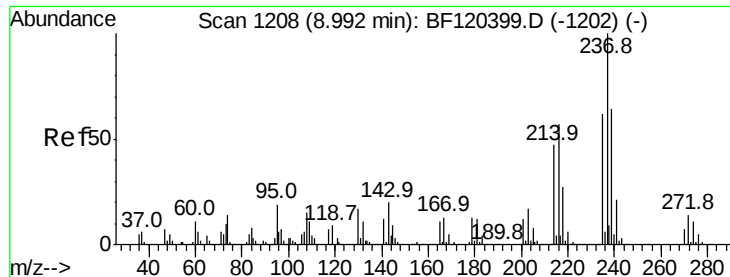
mohammad
6/1/2020 12:20:53 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.161 ng
RT: 9.00 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.6	95.4	
179	20.9	16.5	24.7	
108	18.6	15.0	22.4	





#41

Hexachlorocyclopentadiene

Concen: 47.891 ng

RT: 8.99 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

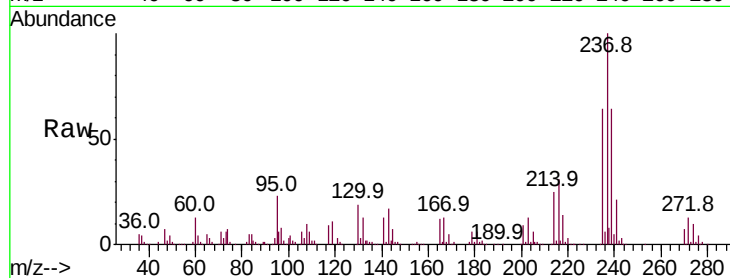
ClientSampleId :

SSTDCCC040

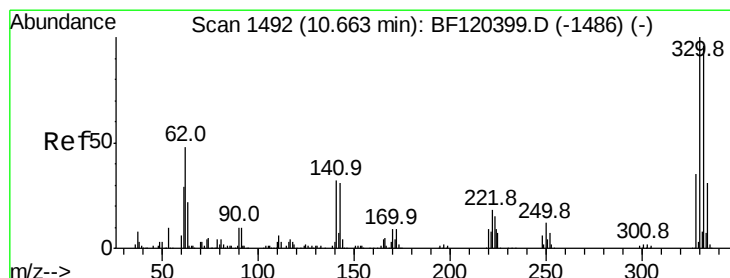
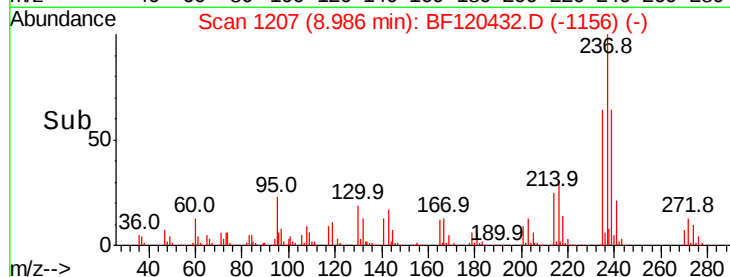
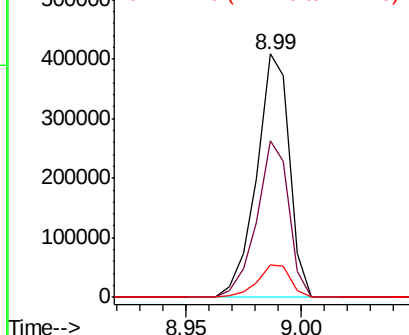
Tot Ion:	237	Resp:	404147
Ion Ratio		Lower	Upper
237	100		
235	64.3	42.4	82.4
272	13.3	0.0	33.6

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.379 ng

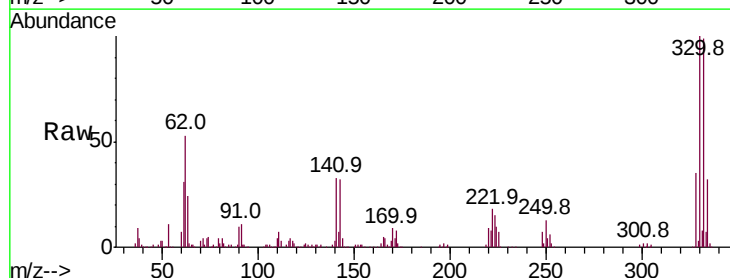
RT: 10.66 min Scan# 1492

Delta R.T. 0.00 min

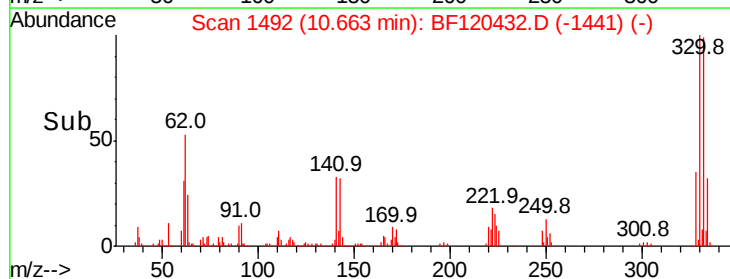
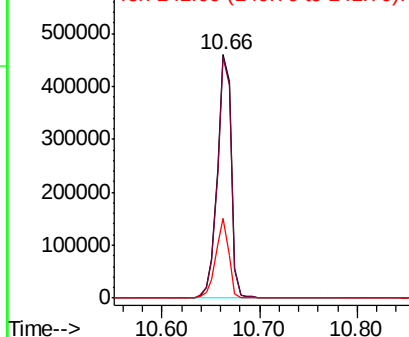
Lab File: BF120432.D

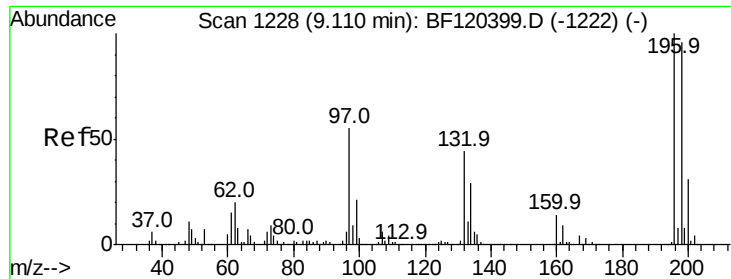
Acq: 29 May 2020 12:06

Tgt Ion:	330	Resp:	455509
Ion Ratio		Lower	Upper
330	100		
332	98.2	77.0	115.6
141	30.6	25.3	37.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





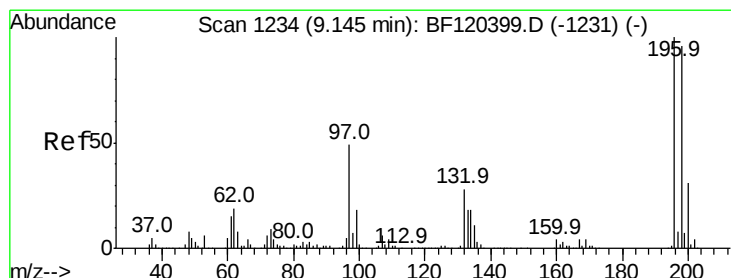
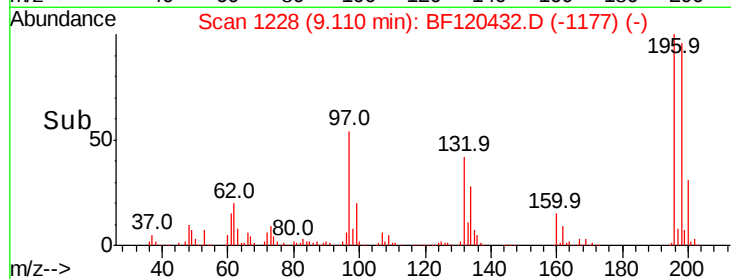
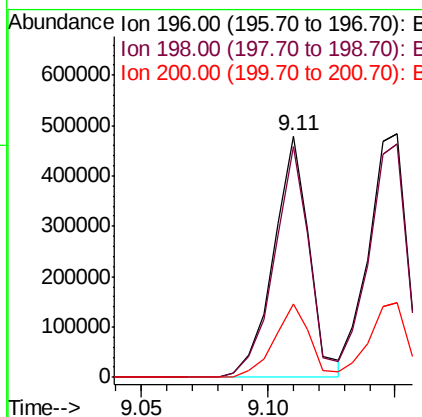
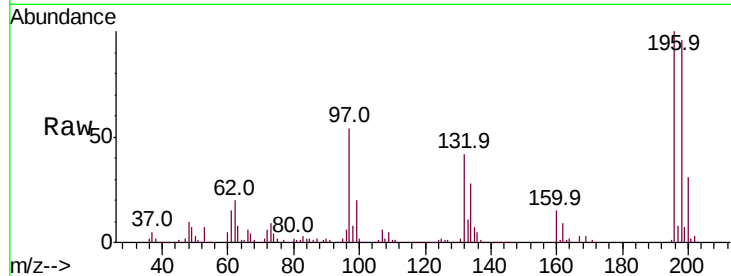
#43
 2,4,6-Trichlorophenol
 Concen: 43.033 ng
 RT: 9.11 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	470596		
198	95.5	77.1	115.7	
200	30.5	25.0	37.6	

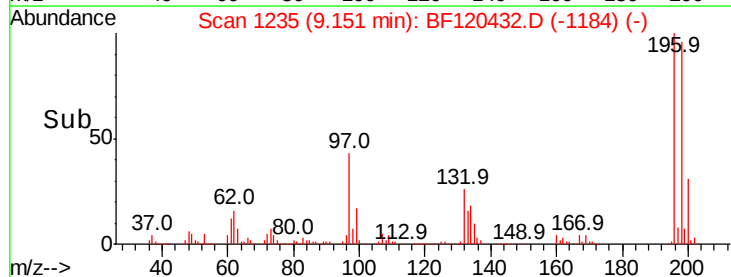
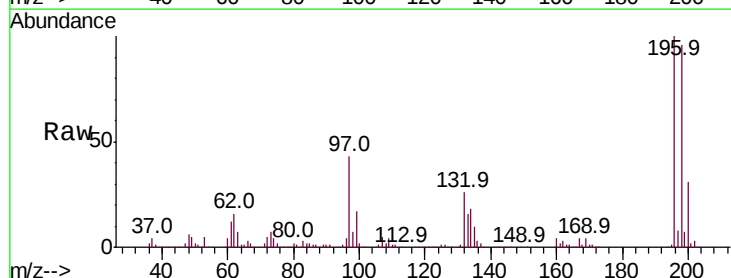
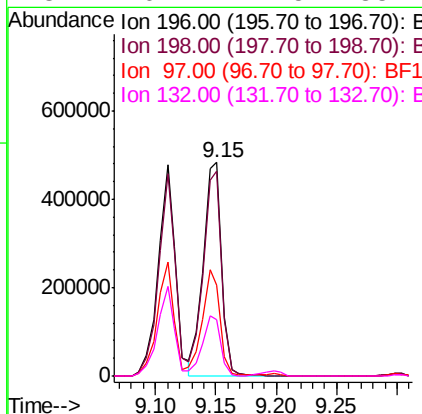
Manual Integrations
 APPROVED

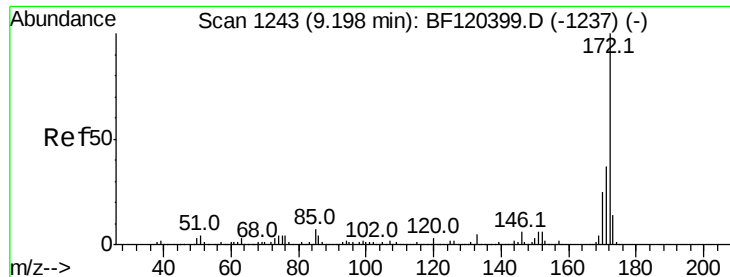
mohammad
 6/1/2020 12:20:53 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.148 ng
 RT: 9.15 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	510075		
198	95.9	76.6	115.0	
97	42.7	39.5	59.3	
132	26.4	22.5	33.7	





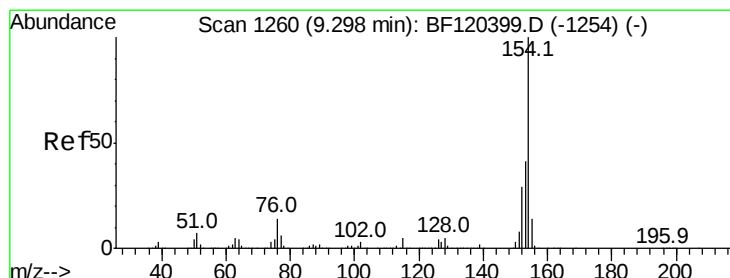
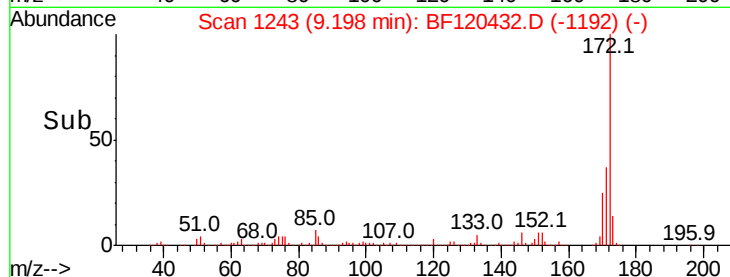
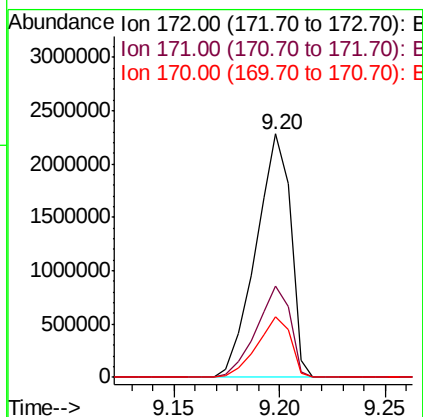
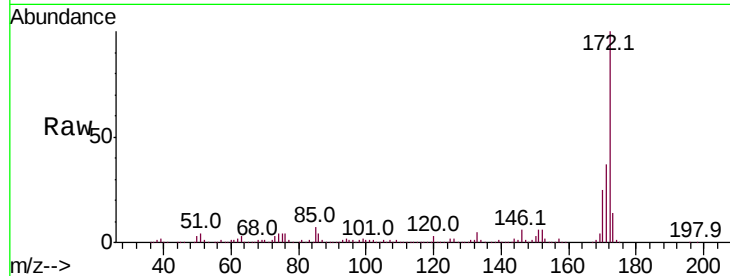
#45
2-Fluorobiphenyl
Concen: 75.099 ng
RT: 9.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.9	19.9	29.9

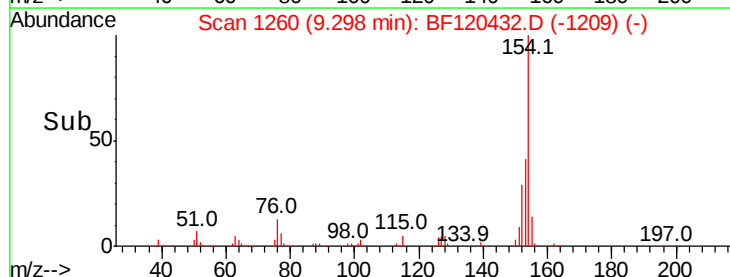
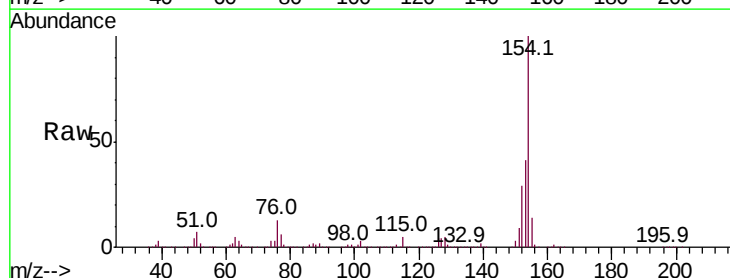
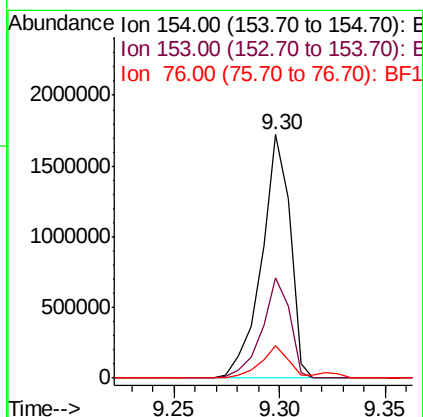
Manual Integrations
APPROVED

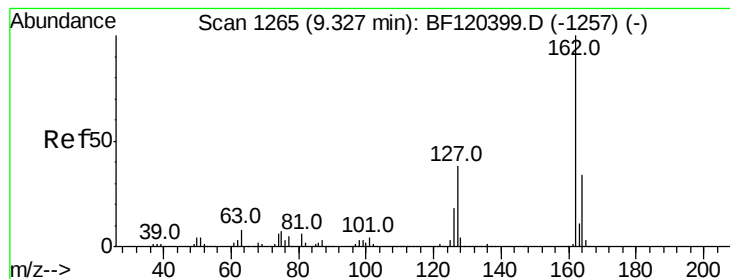
mohammad
6/1/2020 12:20:53 PM



#46
1,1'-Biphenyl
Concen: 41.695 ng
RT: 9.30 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	13.2	0.0	33.7





#47

2-Chloronaphthalene

Concen: 41.428 ng

RT: 9.32 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:162 Resp: 1321352

Ion Ratio Lower Upper

162 100

127 40.4 30.6 46.0

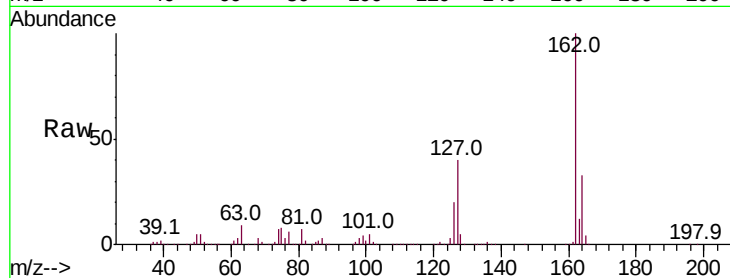
164 33.4 27.1 40.7

Manual Integrations

APPROVED

mohammad

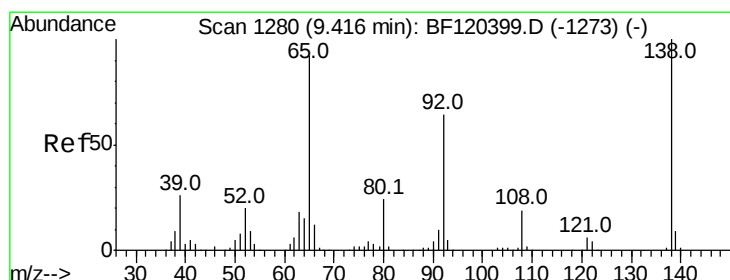
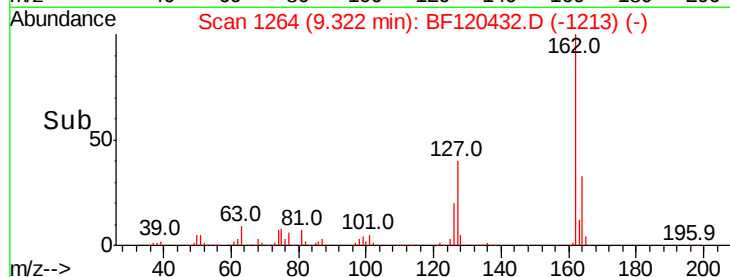
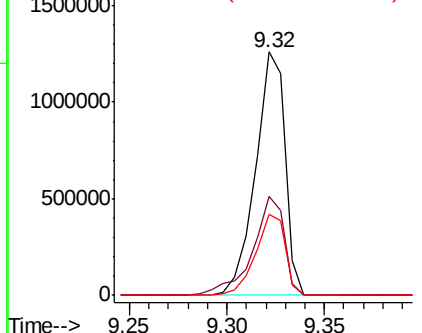
6/1/2020 12:20:53 PM



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.889 ng

RT: 9.42 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

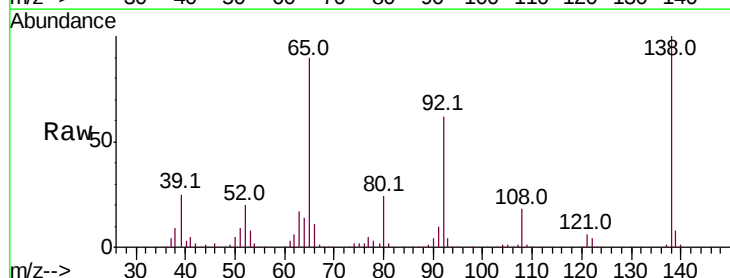
Tgt Ion: 65 Resp: 377789

Ion Ratio Lower Upper

65 100

92 69.1 55.7 83.5

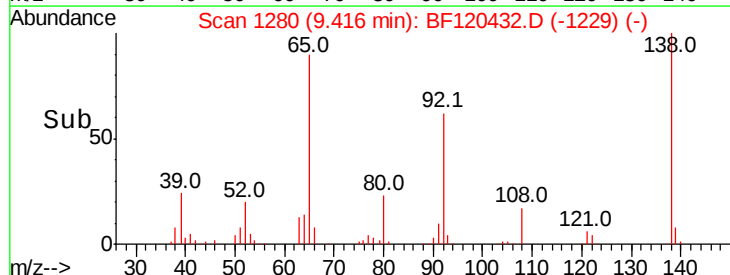
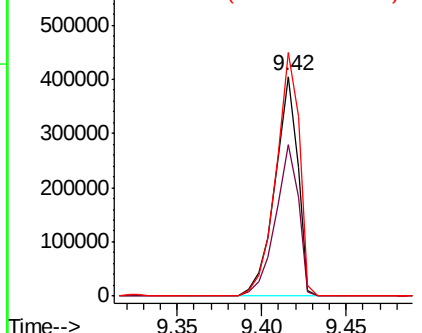
138 110.8 86.9 130.3

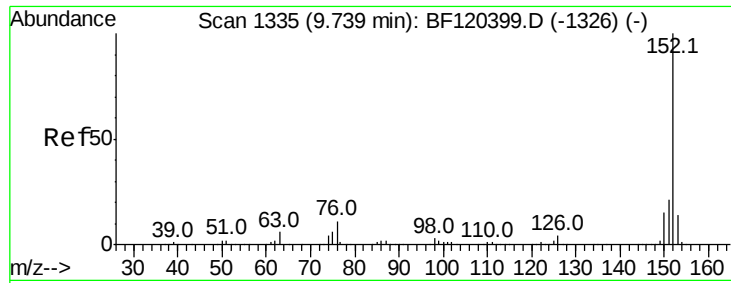


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.760 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2008946

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

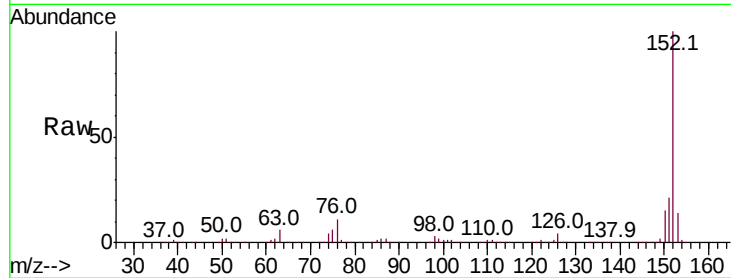
153 14.0 11.2 16.8

Manual Integrations

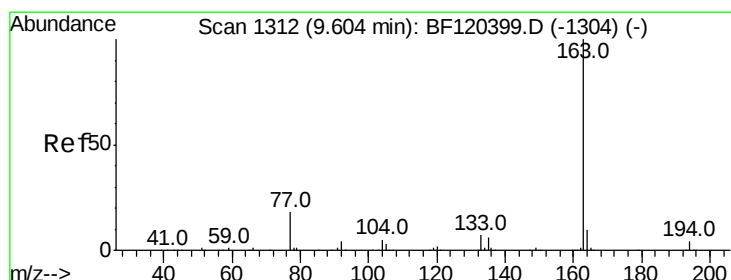
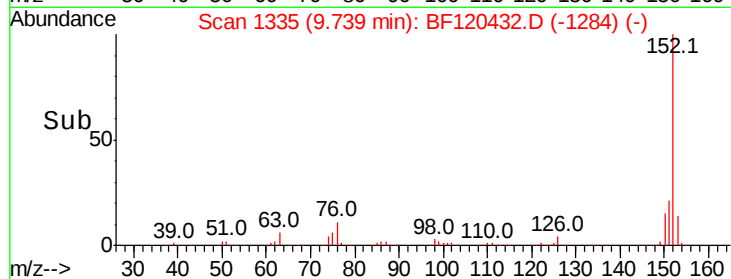
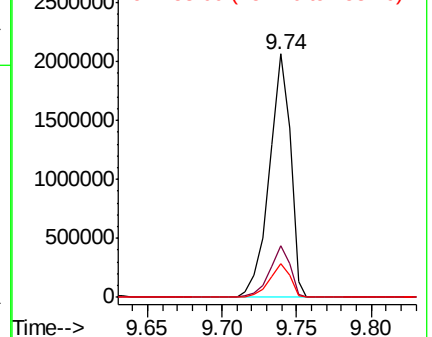
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.256 ng

RT: 9.60 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

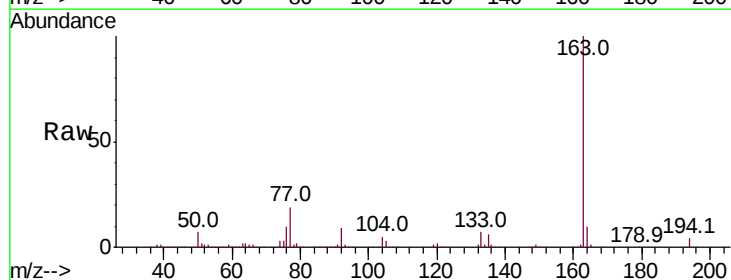
Tgt Ion:163 Resp: 1483891

Ion Ratio Lower Upper

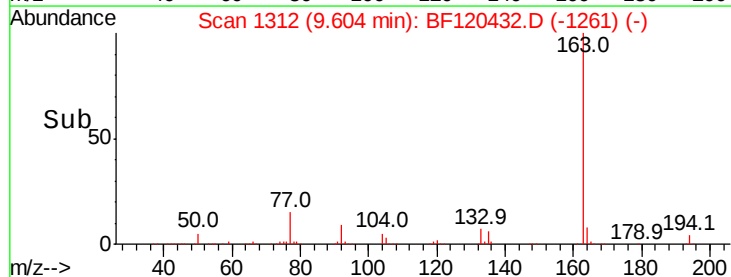
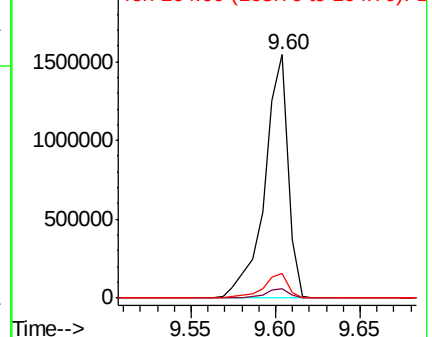
163 100

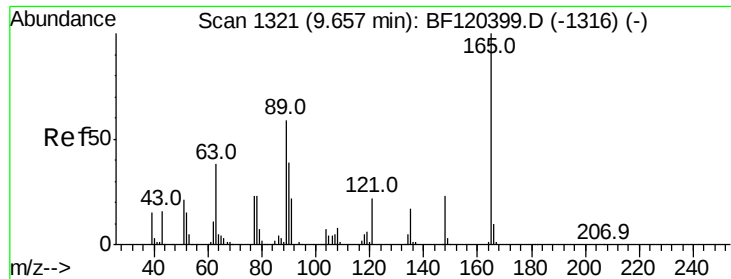
194 4.0 3.3 4.9

164 10.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





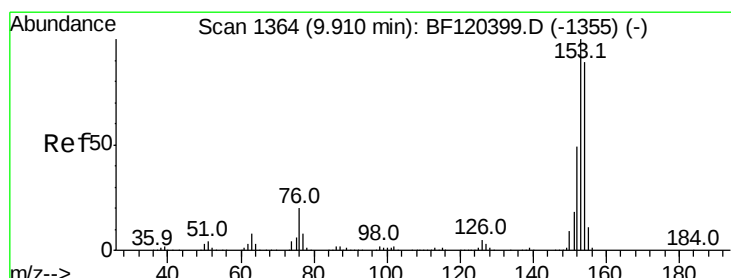
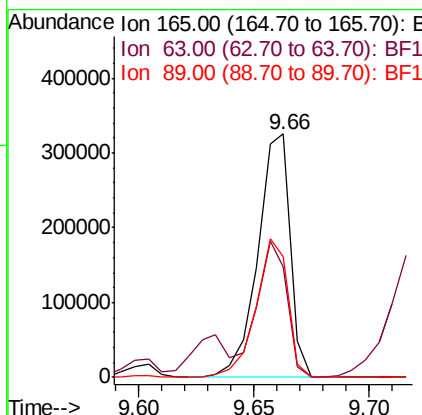
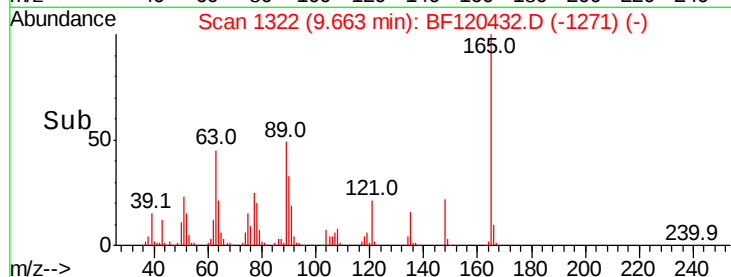
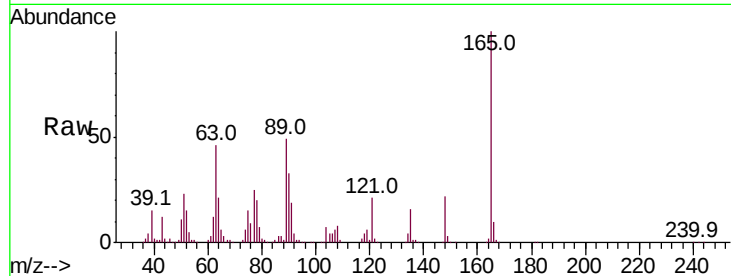
#51
 2,6-Dinitrotoluene
 Concen: 38.923 ng
 RT: 9.66 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.6	46.9	70.3#	
89	49.4	47.5	71.3	

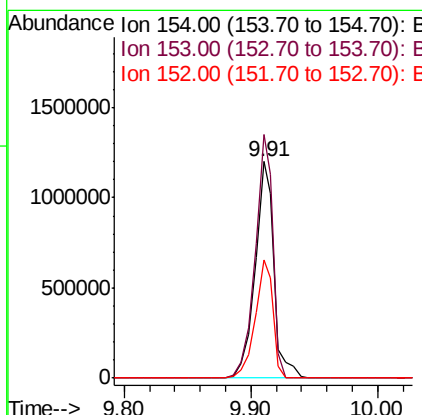
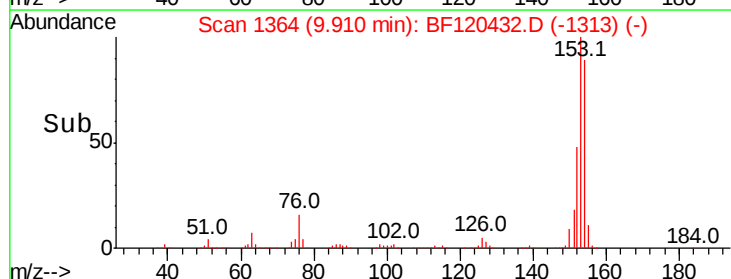
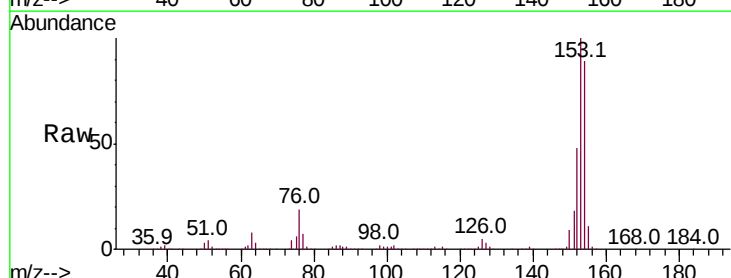
Manual Integrations
 APPROVED

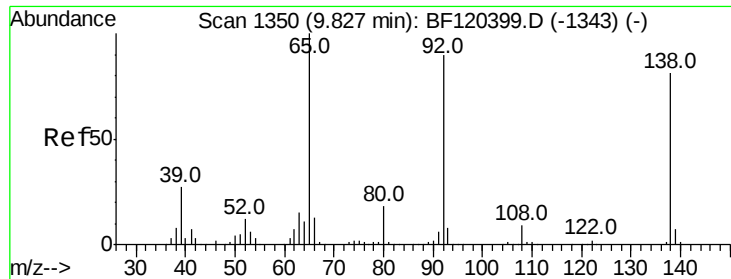
mohammad
 6/1/2020 12:20:53 PM



#52
 Acenaphthene
 Concen: 40.732 ng
 RT: 9.91 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.5	90.0	135.0	
152	54.4	43.9	65.9	





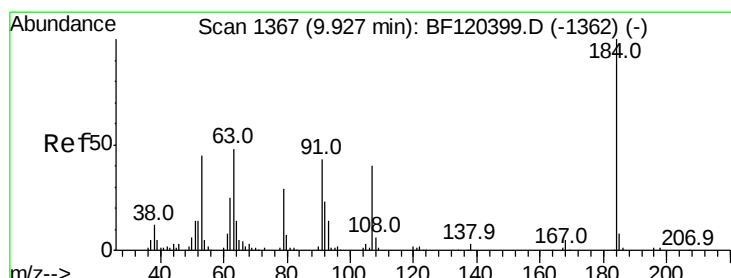
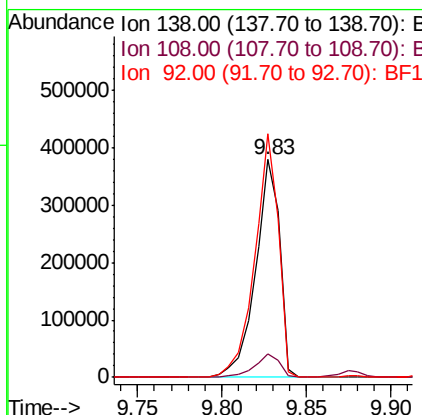
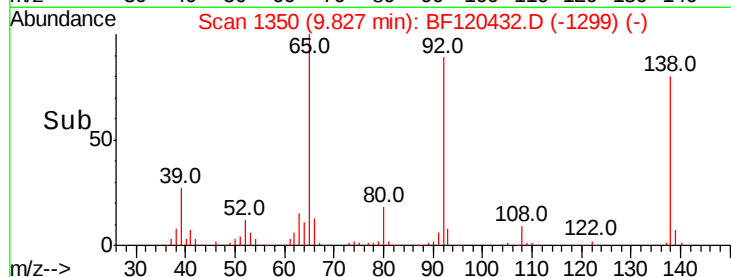
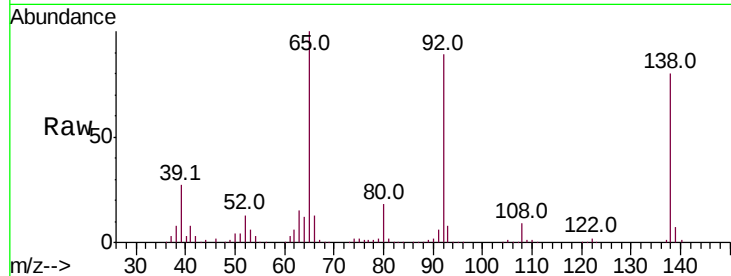
#53
3-Nitroaniline
Concen: 39.248 ng
RT: 9.83 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.5	12.7
92	111.9	89.0	133.4

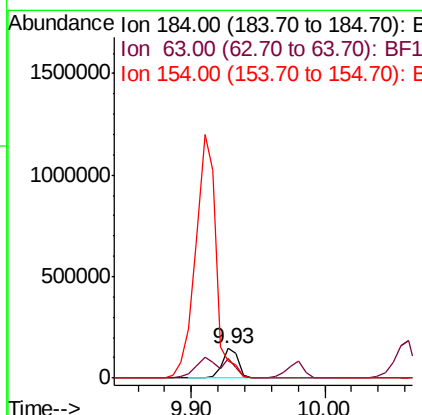
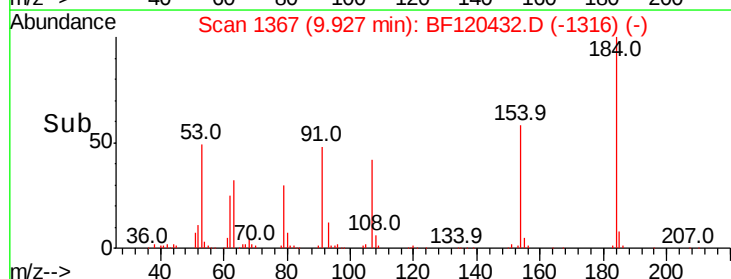
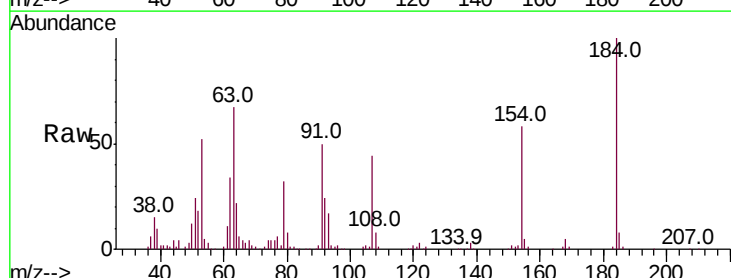
Manual Integrations
APPROVED

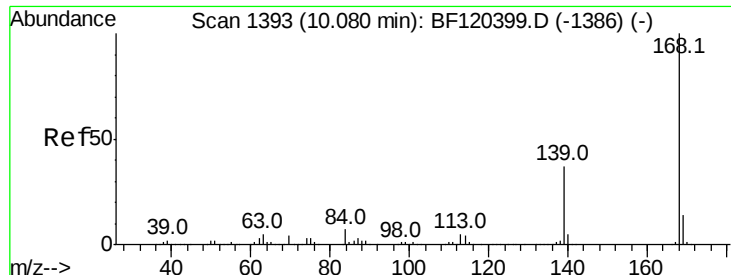
mohammad
6/1/2020 12:20:53 PM



#54
2,4-Dinitrophenol
Concen: 42.553 ng
RT: 9.93 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.7	45.9	68.9
154	58.3	46.4	69.6





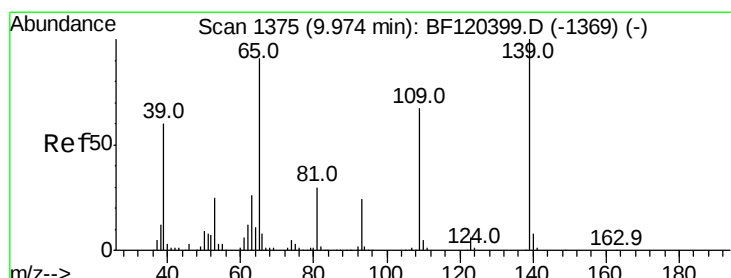
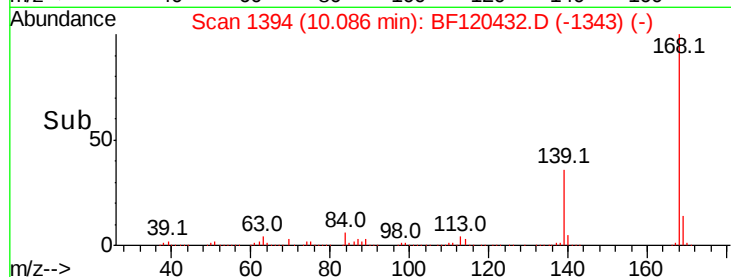
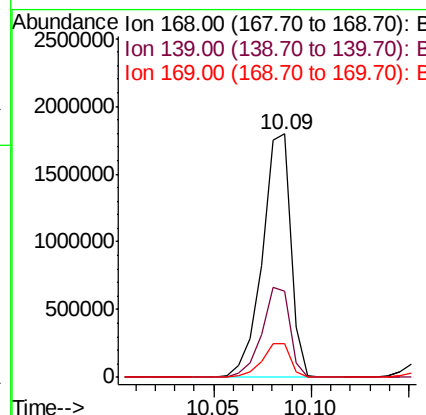
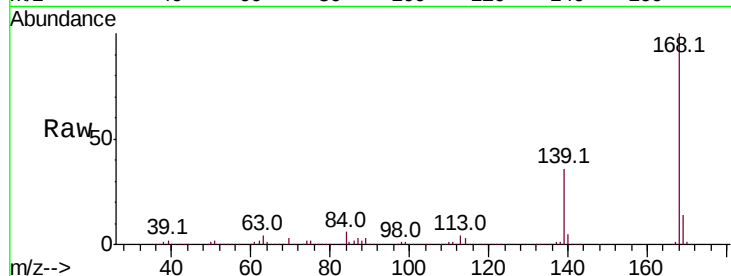
#55
Dibenzenofuran
Concen: 40.623 ng
RT: 10.09 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1815906
Ion Ratio Lower Upper
168 100
139 35.6 30.0 45.0
169 13.6 11.5 17.3

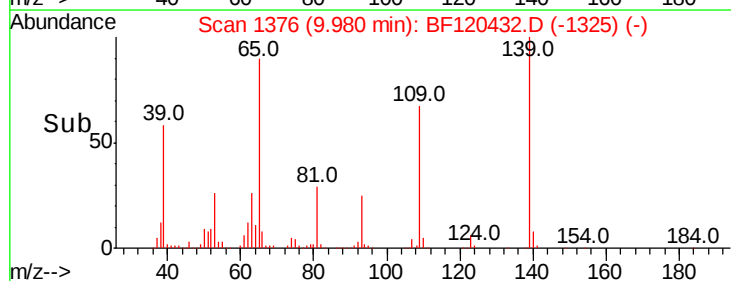
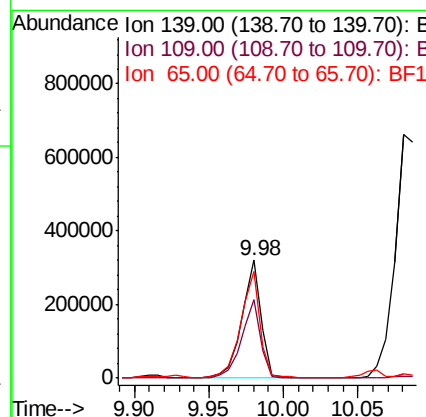
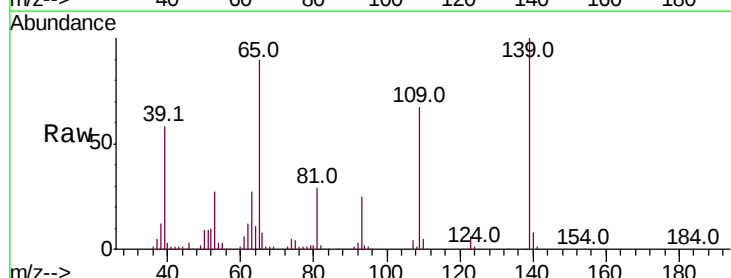
Manual Integrations
APPROVED

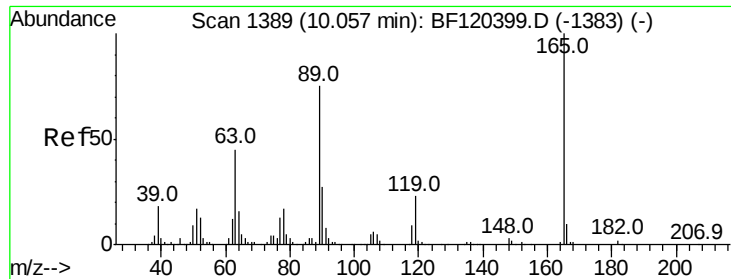
mohammad
6/1/2020 12:20:53 PM



#56
4-Nitrophenol
Concen: 39.072 ng
RT: 9.98 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion:139 Resp: 287752
Ion Ratio Lower Upper
139 100
109 66.5 47.3 87.3
65 90.5 71.5 111.5





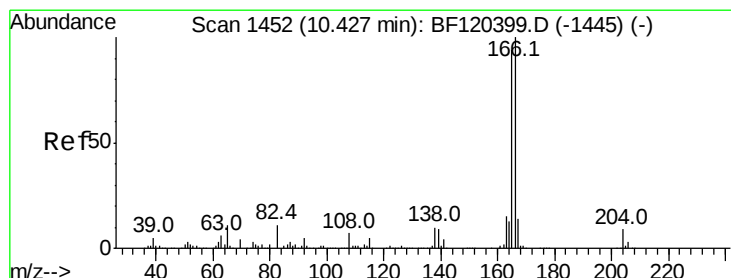
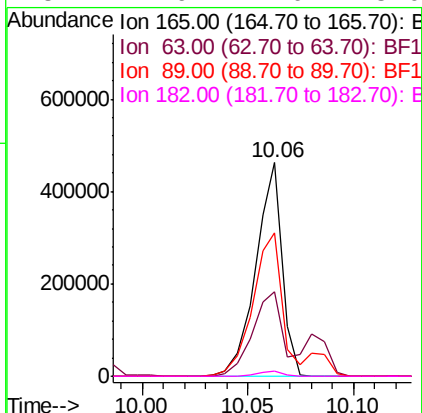
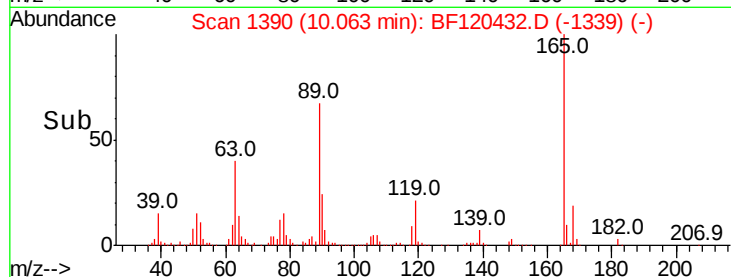
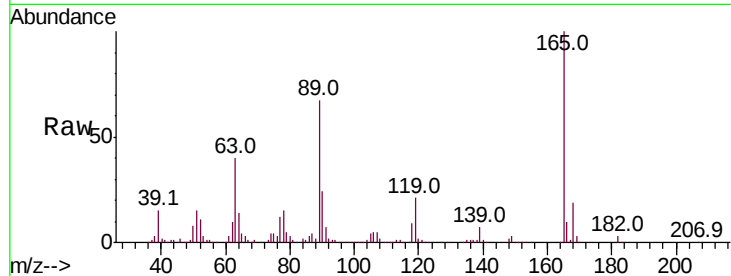
#57
2,4-Dinitrotoluene
Concen: 38.332 ng
RT: 10.06 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	401881		
63	39.8	35.9	53.9	
89	67.3	60.0	90.0	
182	2.6	2.0	3.0	

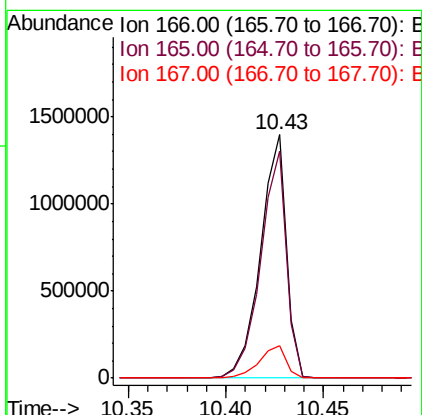
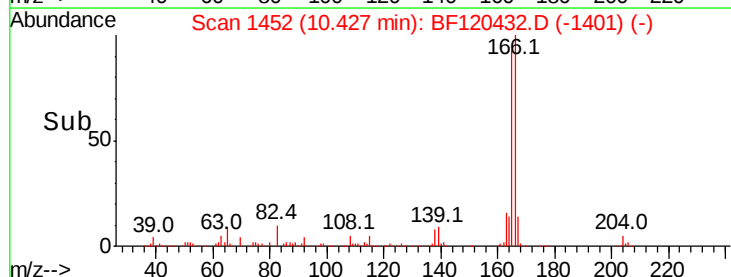
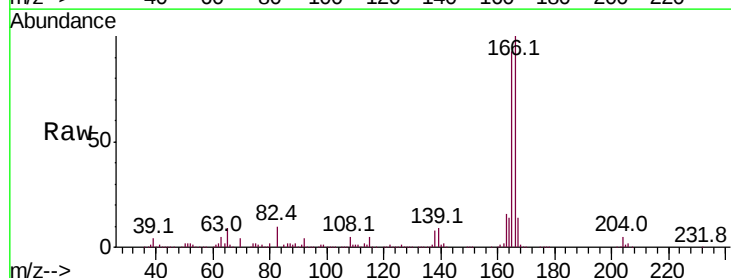
Manual Integrations
APPROVED

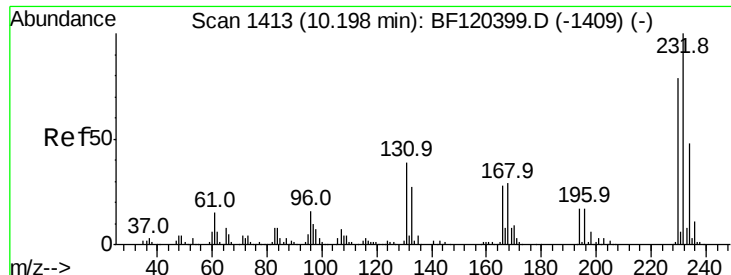
mohammad
6/1/2020 12:20:53 PM



#58
Fluorene
Concen: 38.224 ng
RT: 10.43 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1282242		
165	93.5	75.6	113.4	
167	13.5	10.9	16.3	





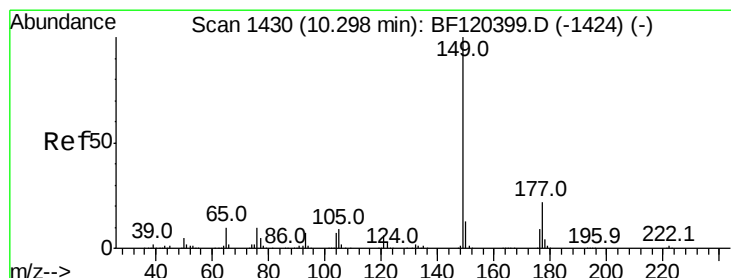
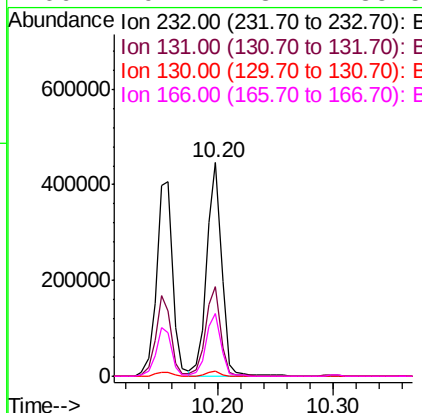
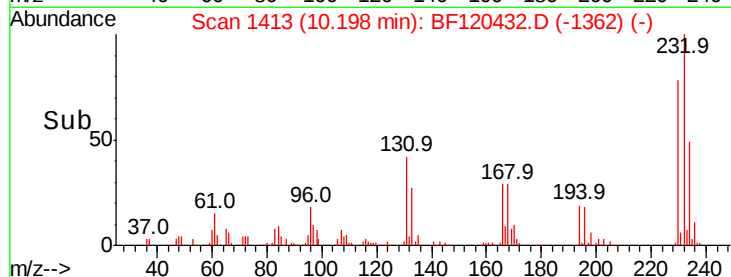
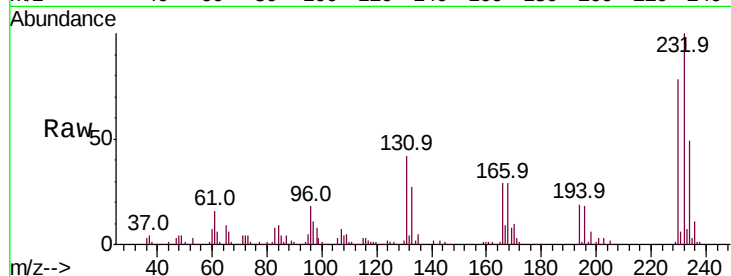
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.601 ng
 RT: 10.20 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.5	34.6	51.8
130	2.1	1.7	2.5
166	29.7	23.7	35.5

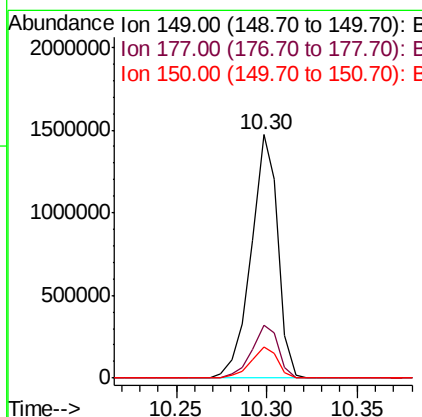
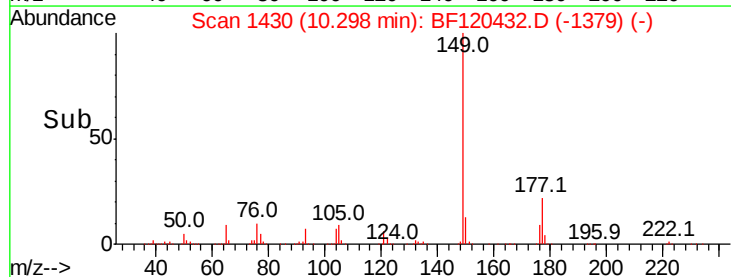
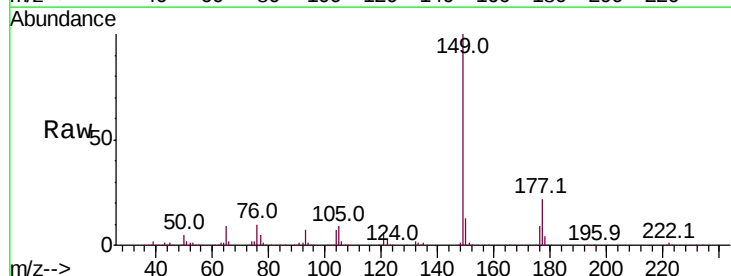
Manual Integrations
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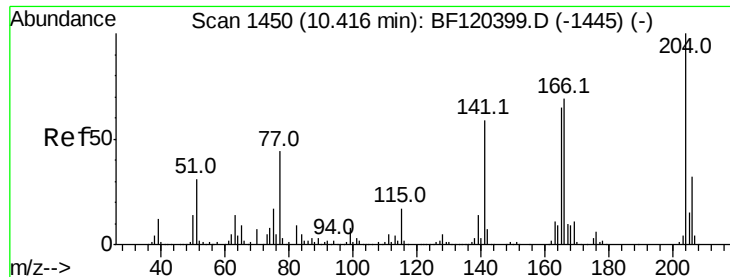
mohammad
 6/1/2020 12:20:53 PM



#60
 Diethylphthalate
 Concen: 40.336 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	13.0	10.3	15.5





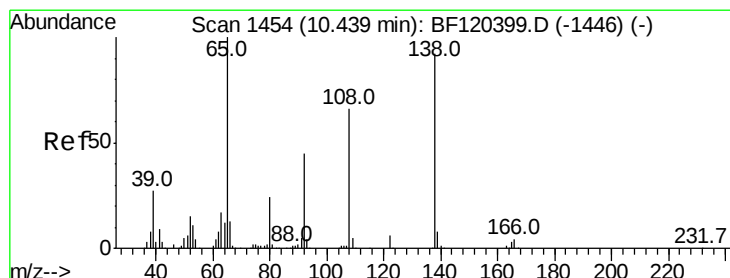
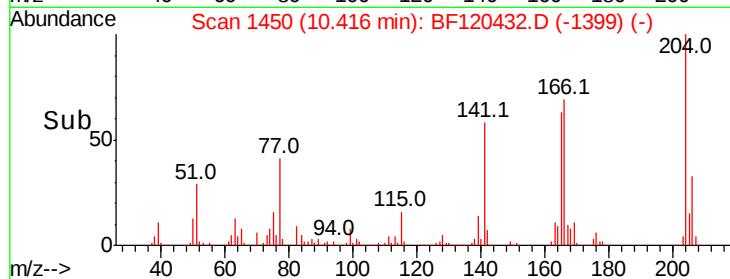
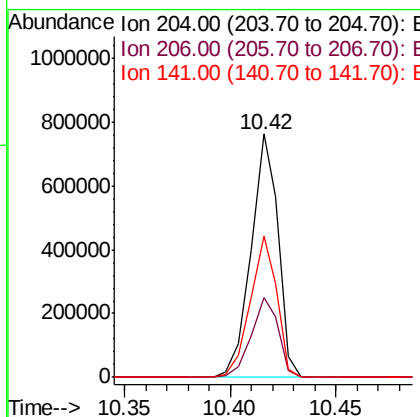
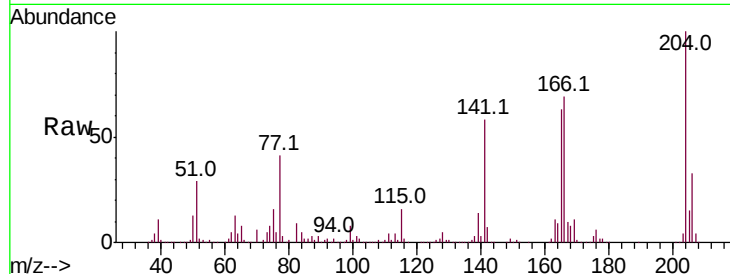
#61
4-Chlorophenyl-phenylether
Concen: 37.310 ng
RT: 10.42 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.8
141	58.3	47.2	70.8

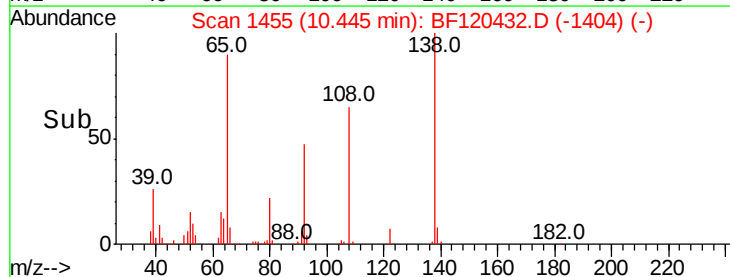
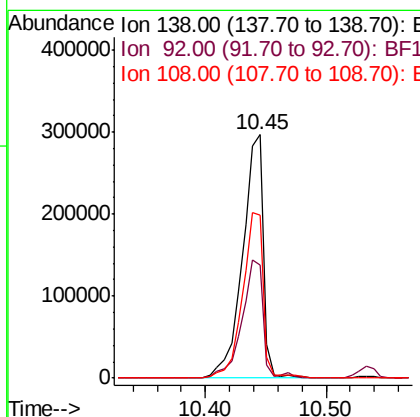
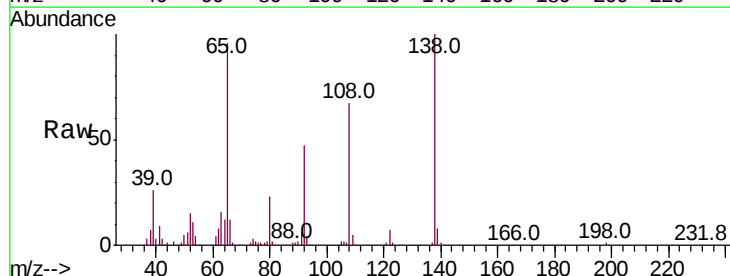
Manual Integrations
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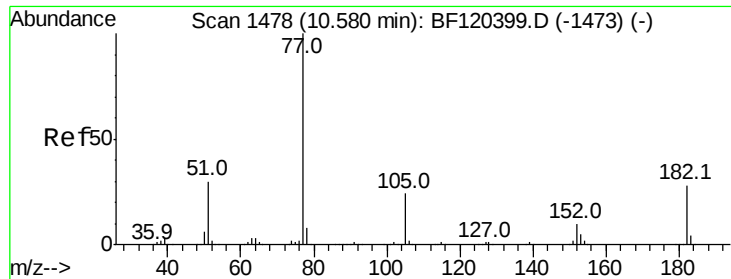
mohammad
6/1/2020 12:20:53 PM



#62
4-Nitroaniline
Concen: 39.214 ng
RT: 10.45 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	29.3	69.3
108	67.1	51.8	91.8





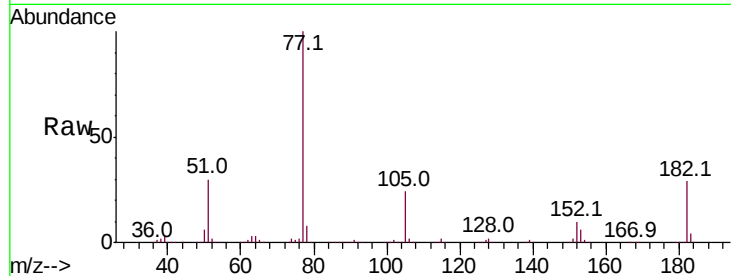
#63
Azobenzene
Concen: 39.834 ng
RT: 10.58 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.3	8.1	48.1	
105	23.8	3.8	43.8	
51	30.1	10.1	50.1	

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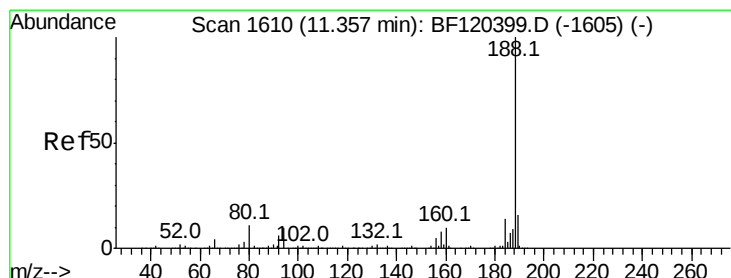
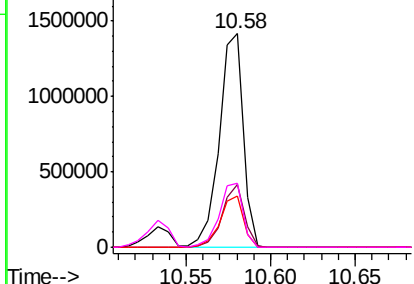
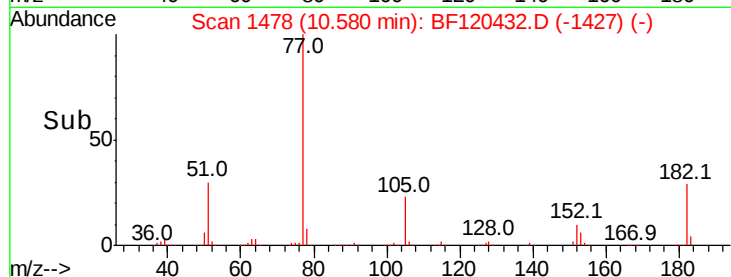
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

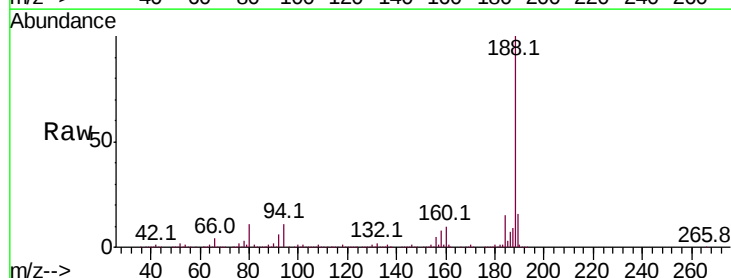
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.6	7.9	11.9	
80	11.1	8.6	13.0	

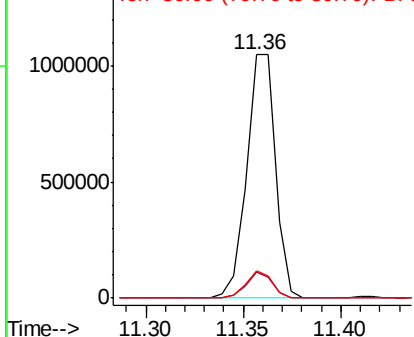
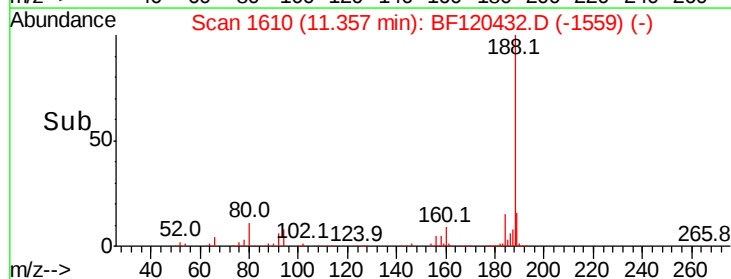


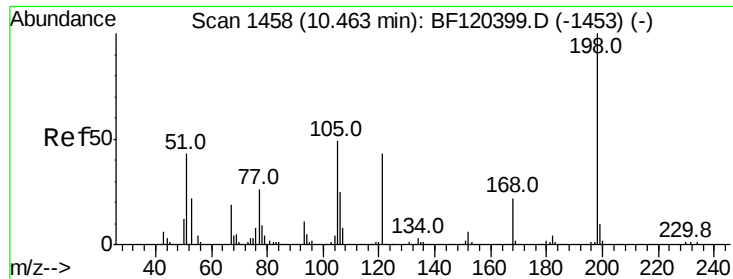
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





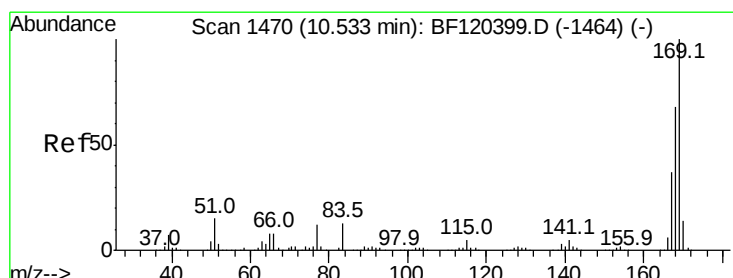
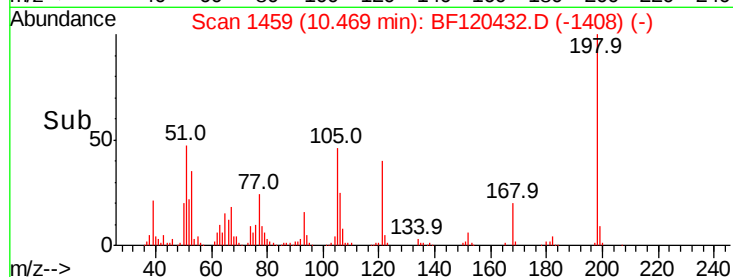
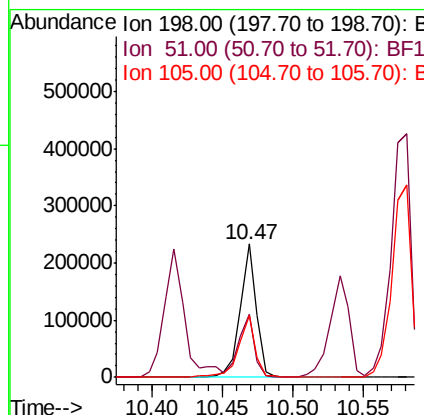
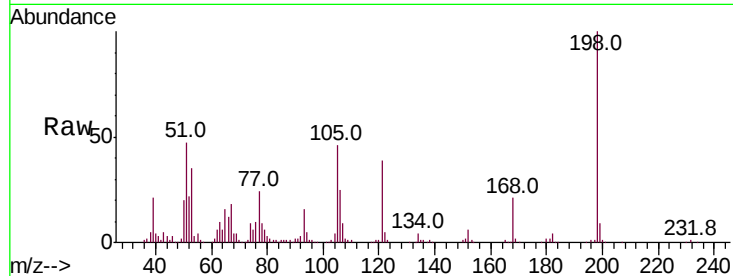
#65
4,6-Dinitro-2-methylphenol
Concen: 47.167 ng
RT: 10.47 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	184575		
51	47.2	34.1	74.1	
105	46.3	30.5	70.5	

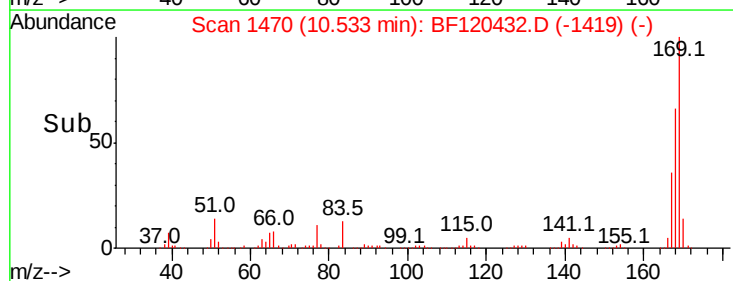
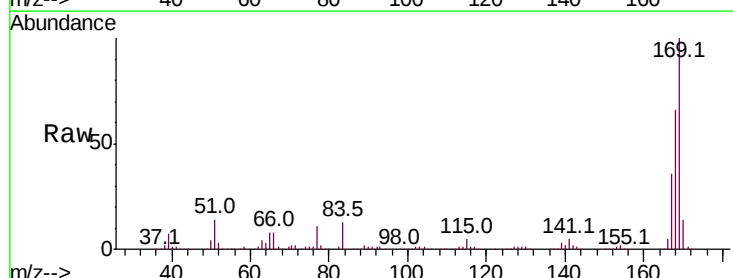
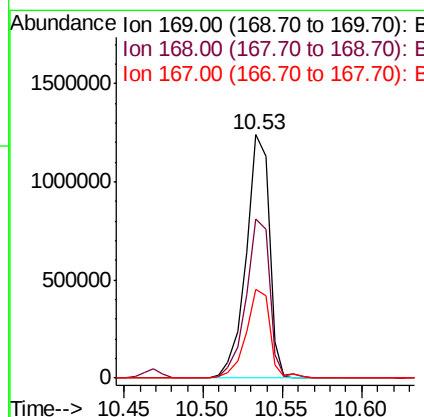
Manual Integrations
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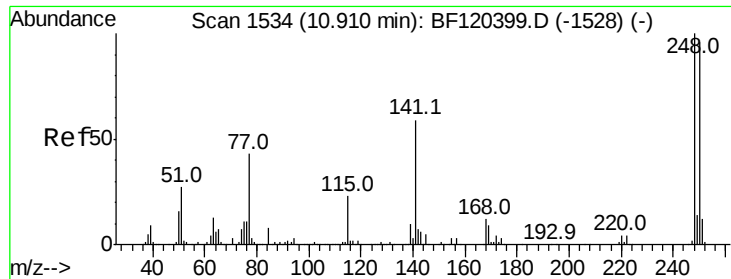
mohammad
6/1/2020 12:20:53 PM



#66
n-Nitrosodiphenylamine
Concen: 41.995 ng
RT: 10.53 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1251546		
168	65.6	54.2	81.2	
167	36.5	29.8	44.8	





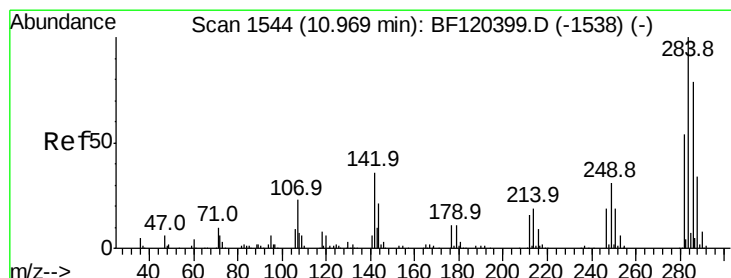
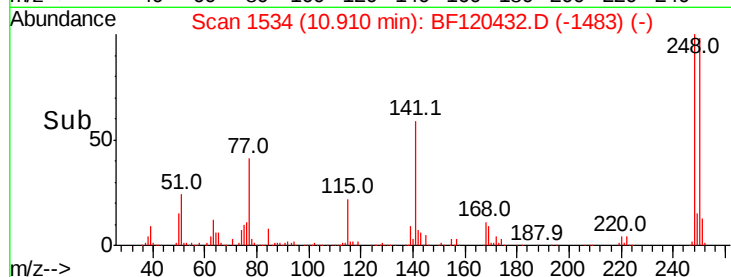
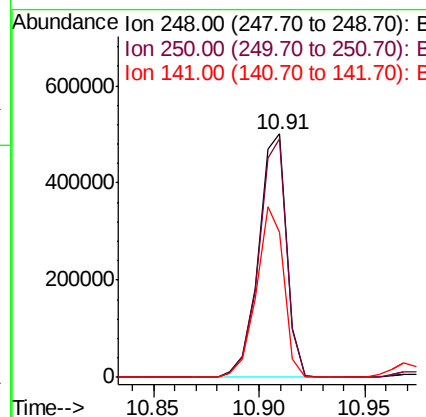
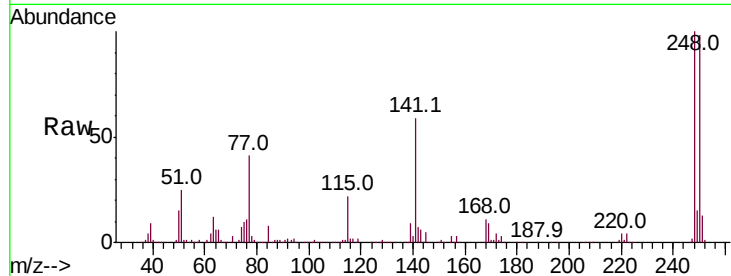
#67
4-Bromophenyl-phenylether
Concen: 42.781 ng
RT: 10.91 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.5	114.7
141	59.4	47.2	70.8

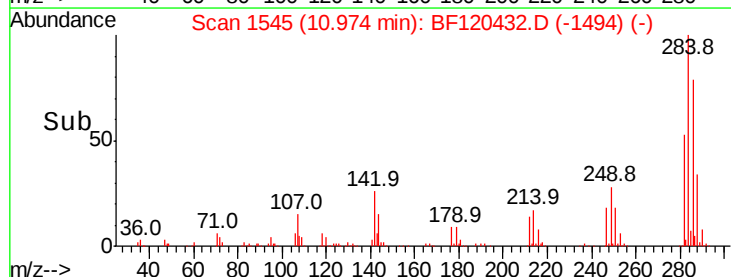
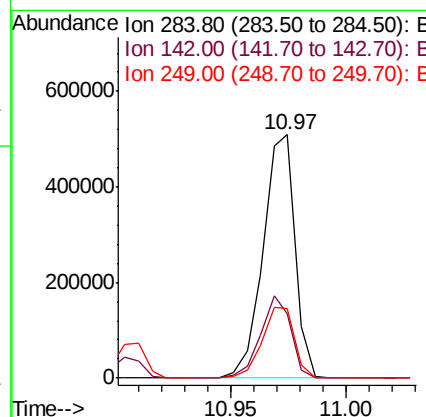
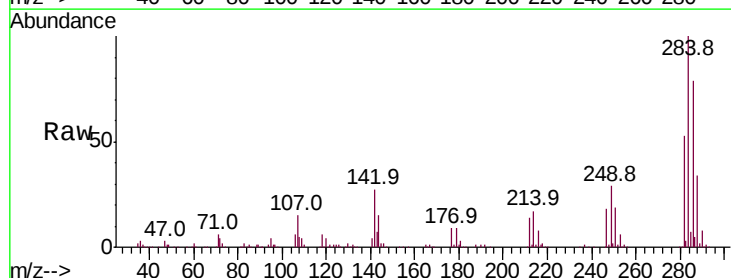
Manual Integrations
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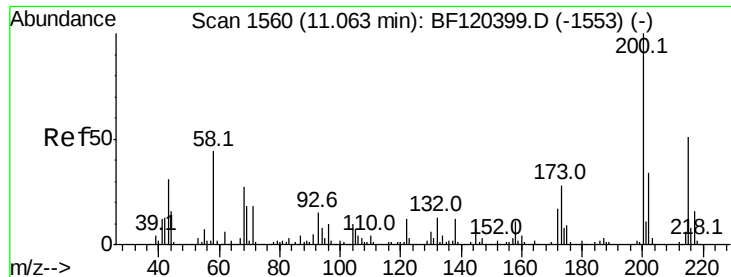
mohammad
6/1/2020 12:20:53 PM



#68
Hexachlorobenzene
Concen: 42.686 ng
RT: 10.97 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	28.5	42.7#
249	28.6	25.0	37.6





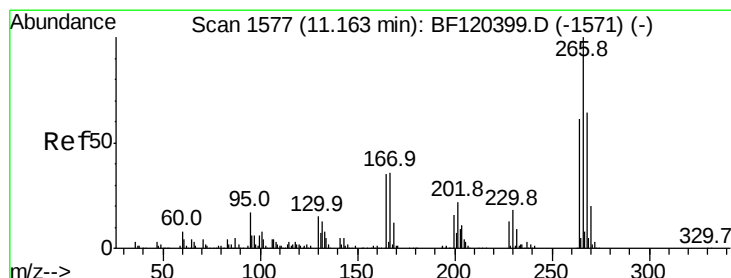
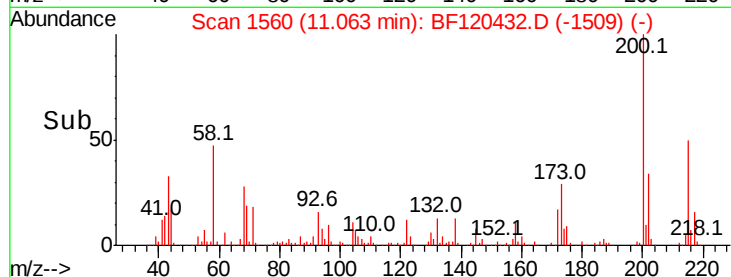
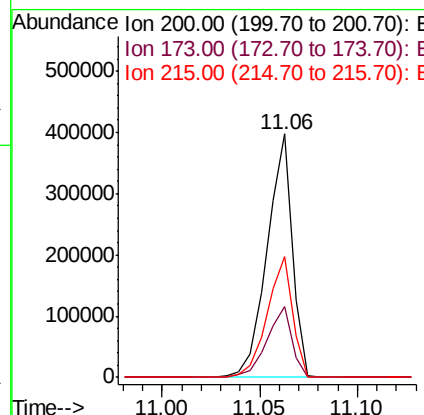
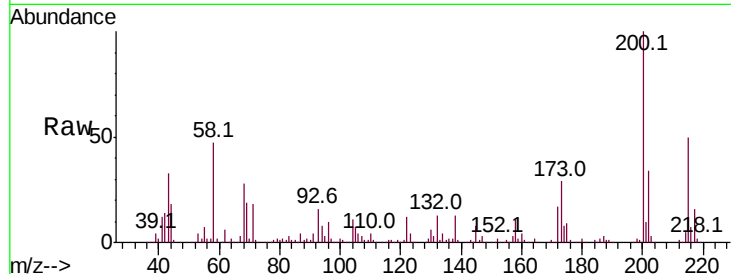
#69
Atrazine
Concen: 42.334 ng
RT: 11.06 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.9	7.9	47.9
215	49.8	31.2	71.2

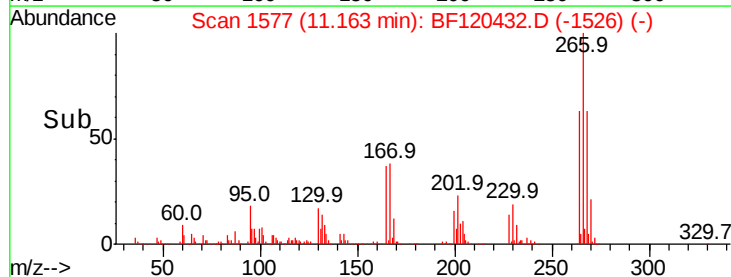
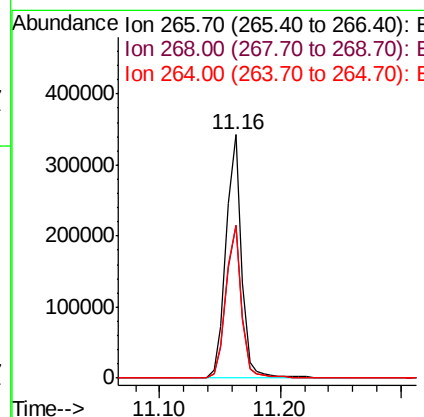
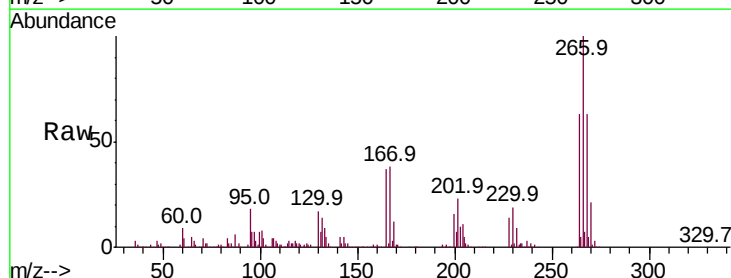
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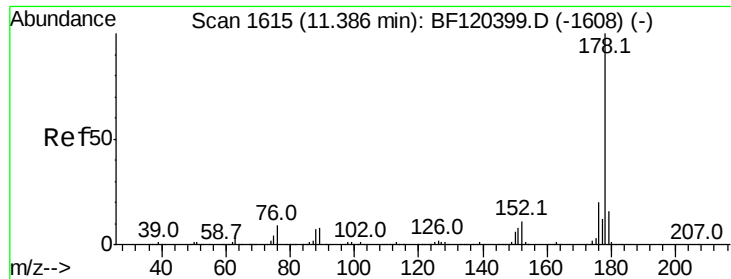
mohammad
6/1/2020 12:20:53 PM



#70
Pentachlorophenol
Concen: 43.242 ng
RT: 11.16 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.9	51.5	77.3
264	62.5	49.1	73.7





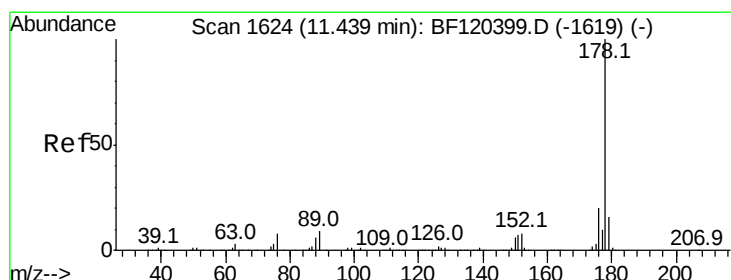
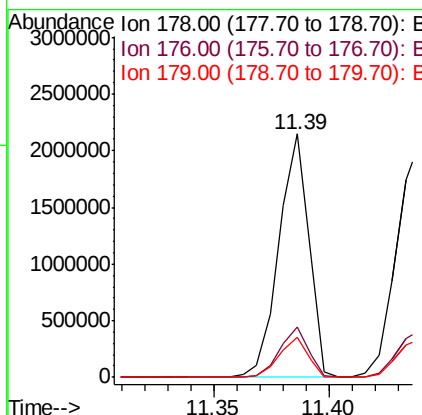
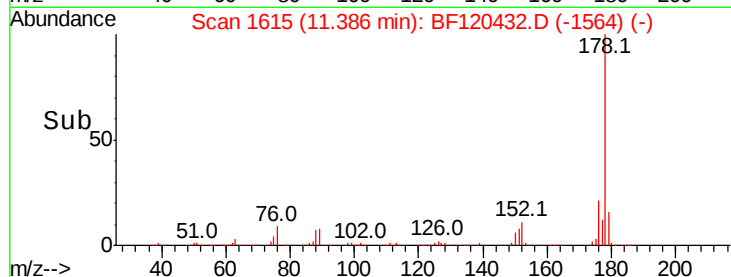
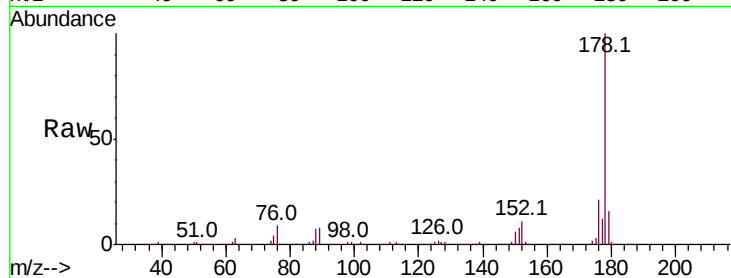
#71
Phenanthrene
Concen: 40.608 ng
RT: 11.39 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1919650
Ion Ratio Lower Upper
178 100
176 20.7 16.4 24.6
179 16.3 13.0 19.4

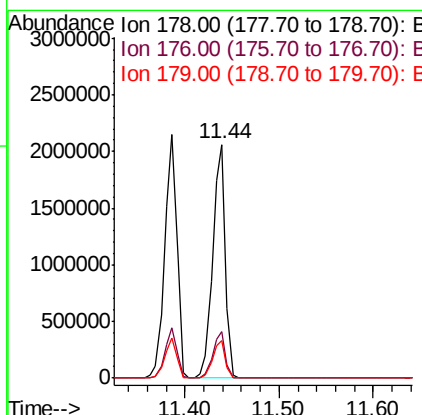
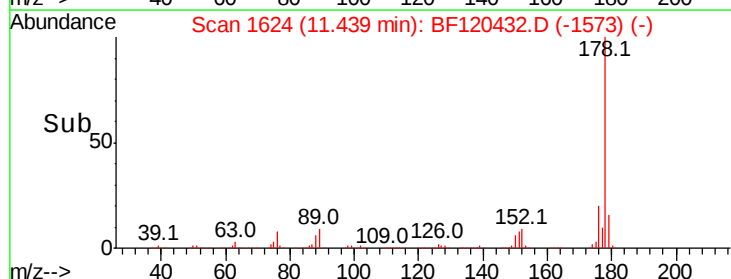
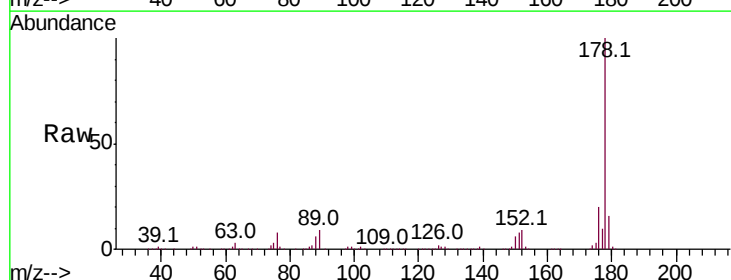
Manual Integrations
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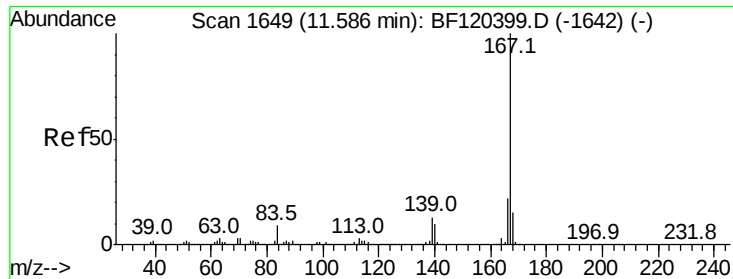
mohammad
6/1/2020 12:20:53 PM



#72
Anthracene
Concen: 41.293 ng
RT: 11.44 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion:178 Resp: 1958568
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.2 12.8 19.2





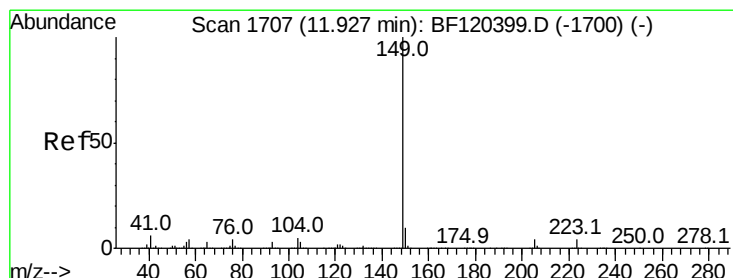
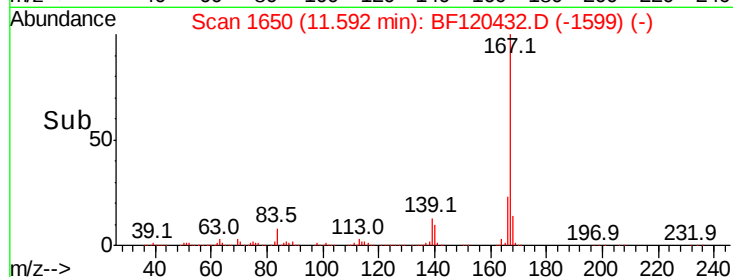
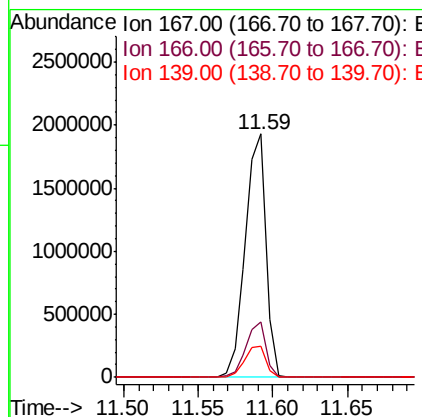
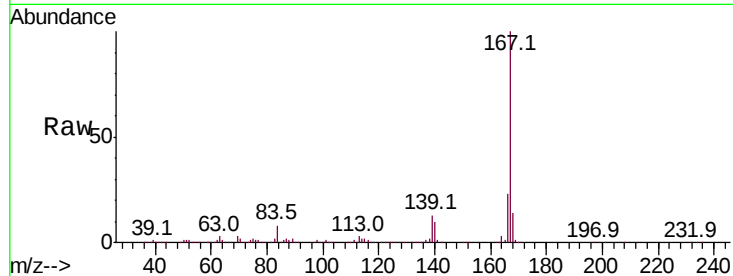
#73
 Carbazole
 Concen: 40.629 ng
 RT: 11.59 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:167 Resp: 1863905
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.6
 139 12.7 10.4 15.6

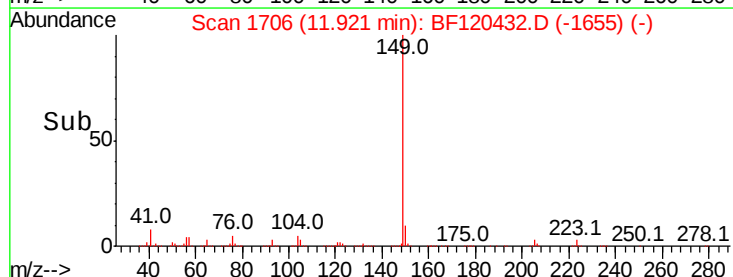
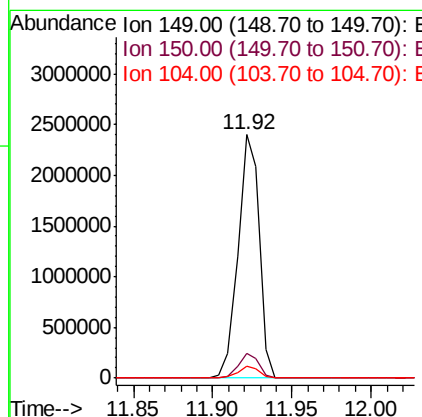
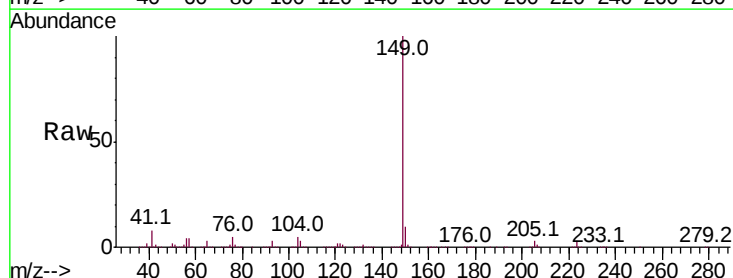
Manual Integrations
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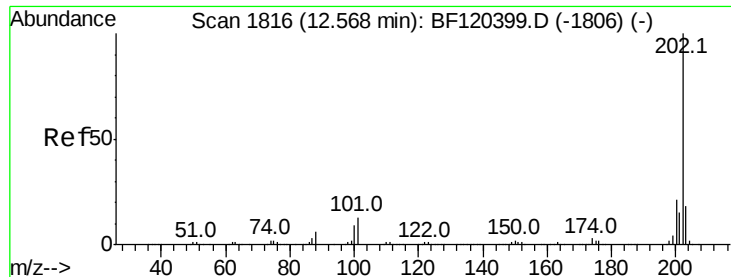
mohammad
 6/1/2020 12:20:53 PM



#74
 Di-n-butylphthalate
 Concen: 41.446 ng
 RT: 11.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion:149 Resp: 2211851
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.7 11.5
 104 5.1 3.6 5.4





#75

Fluoranthene

Concen: 40.722 ng

RT: 12.57 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2071398

Ion Ratio Lower Upper

202 100

101 10.3 0.0 32.6

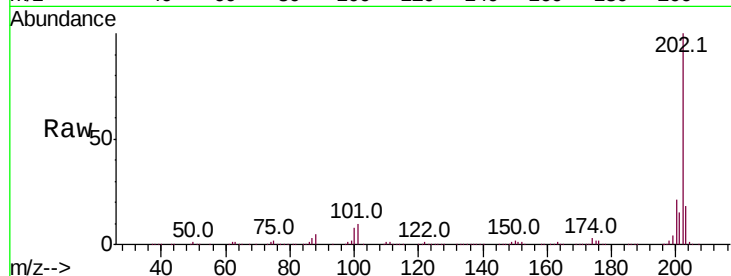
203 18.3 0.0 38.4

Manual Integrations

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mohammad

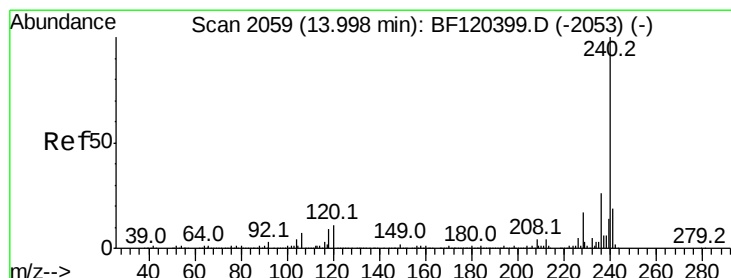
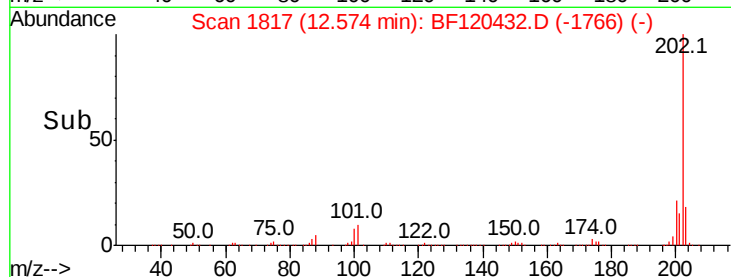
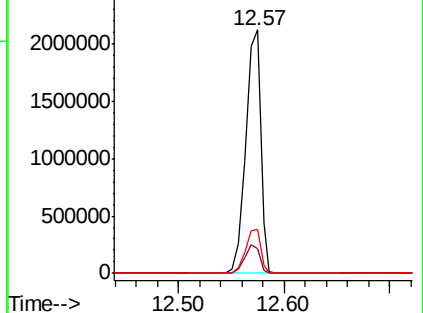
6/1/2020 12:20:53 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

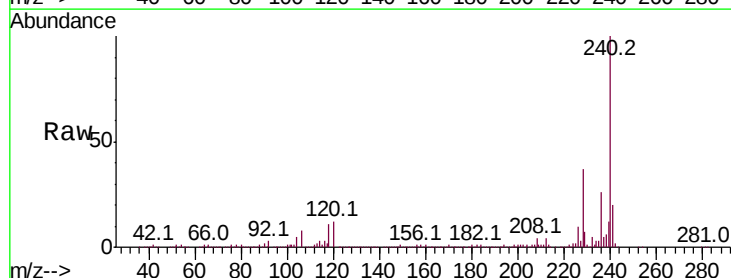
Tgt Ion:240 Resp: 742812

Ion Ratio Lower Upper

240 100

120 12.0 8.8 13.2

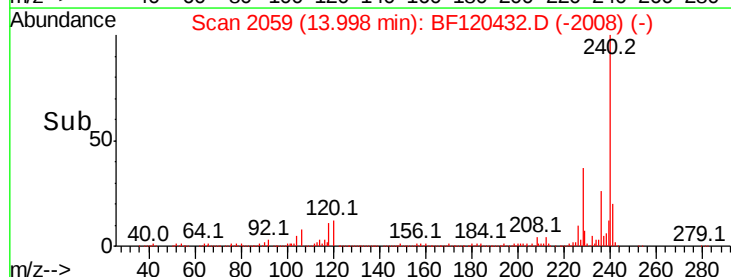
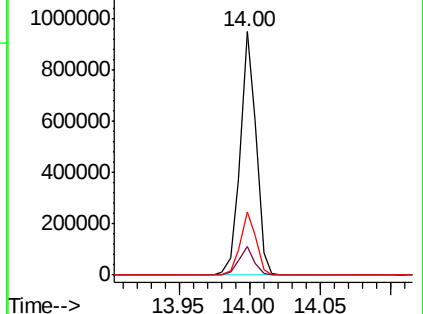
236 26.1 21.0 31.4

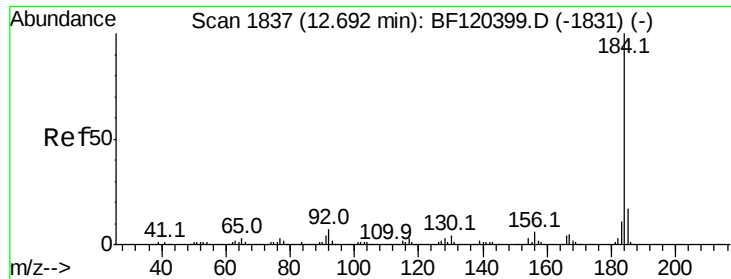


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.102 ng

RT: 12.69 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 880259

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.0

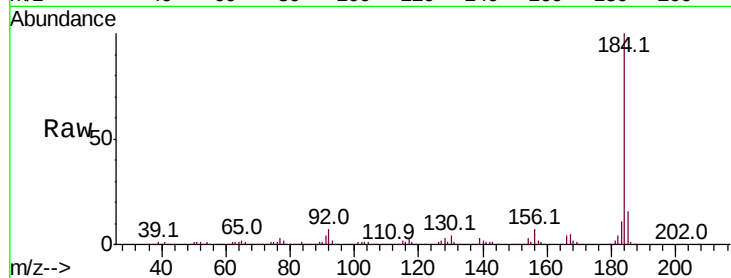
183 11.0 8.6 12.8

Manual Integrations

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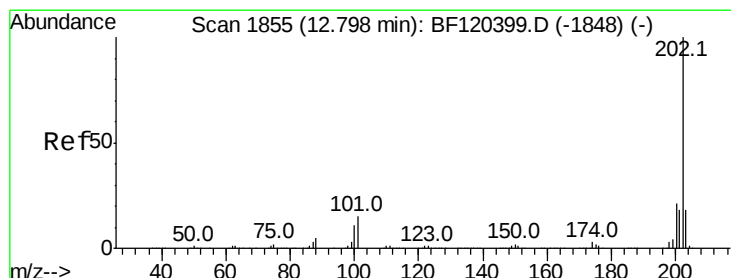
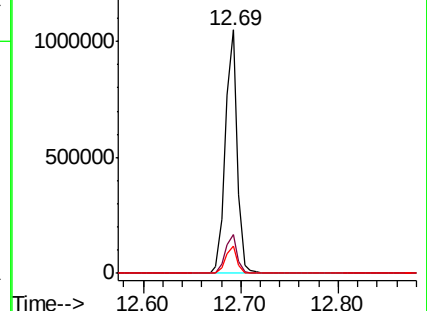
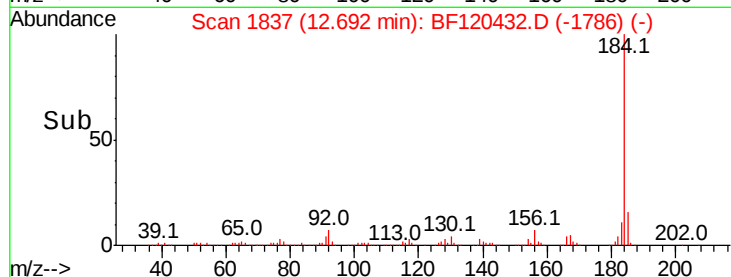
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.903 ng

RT: 12.80 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

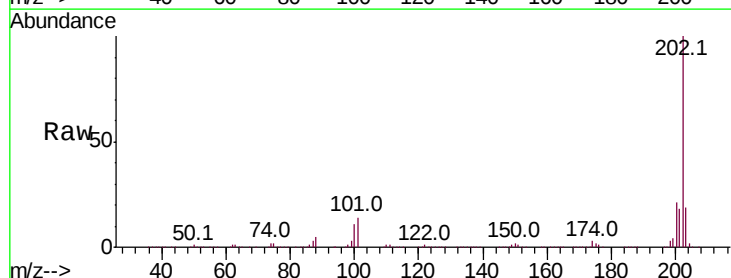
Tgt Ion:202 Resp: 2112964

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

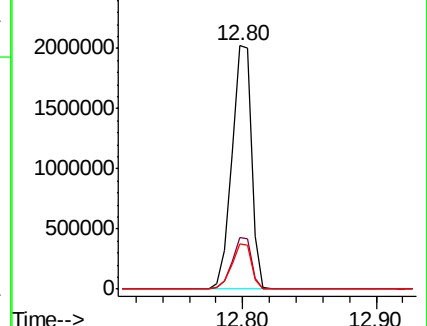
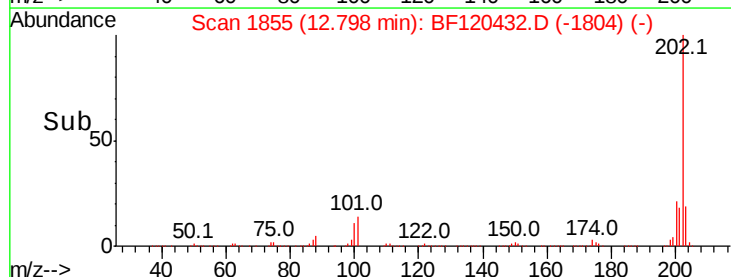
203 18.7 14.7 22.1

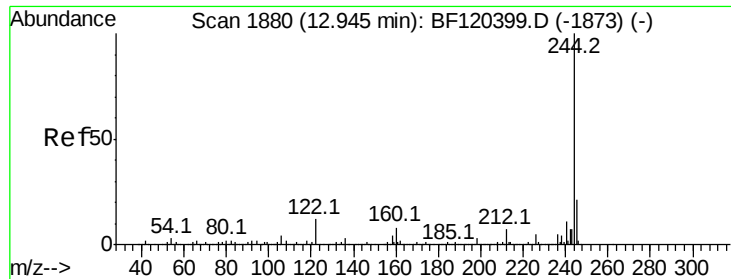


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.253 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2678945

Ion Ratio Lower Upper

244 100

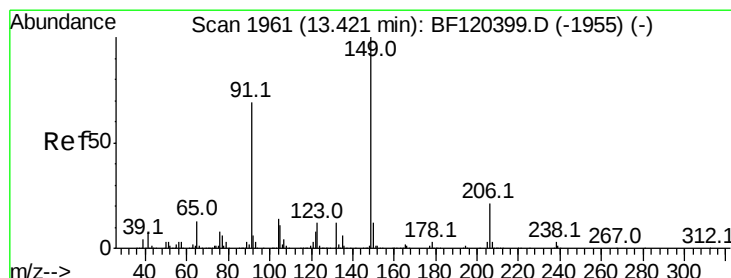
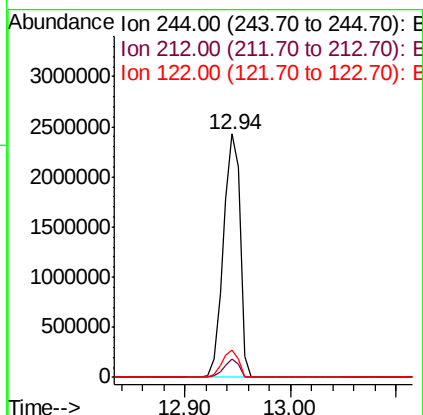
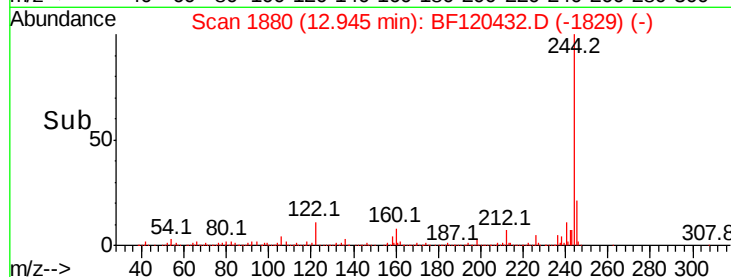
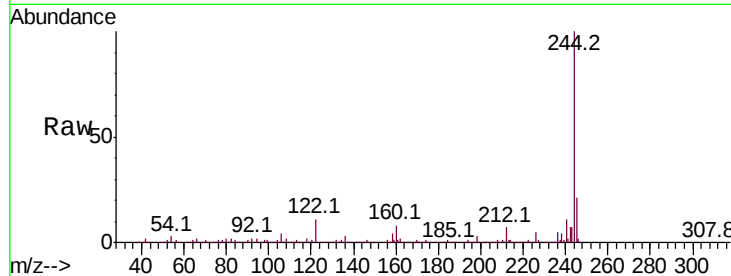
212 7.3 5.9 8.9

122 11.4 9.2 13.8

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 43.382 ng

RT: 13.42 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

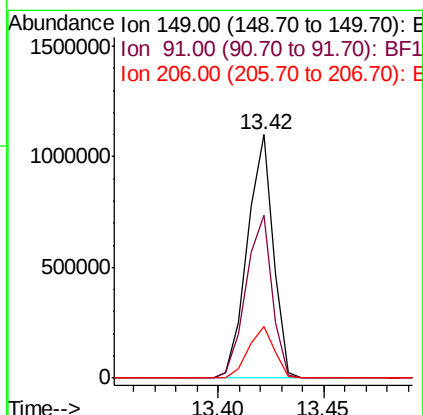
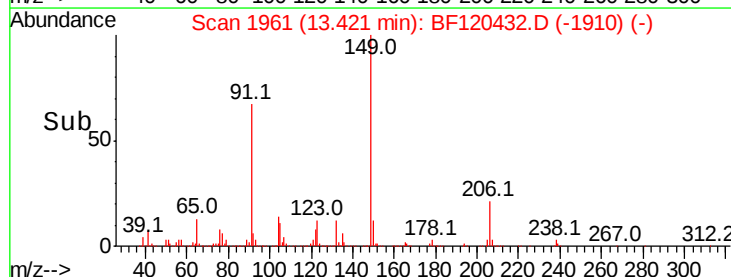
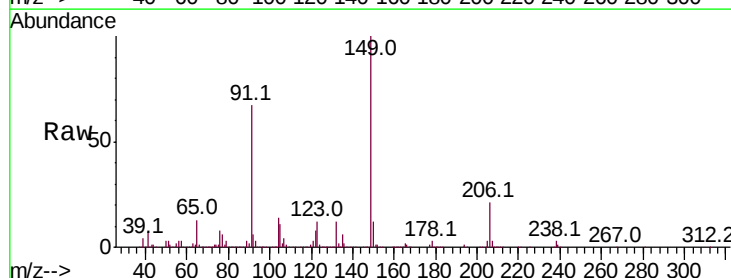
Tgt Ion:149 Resp: 935582

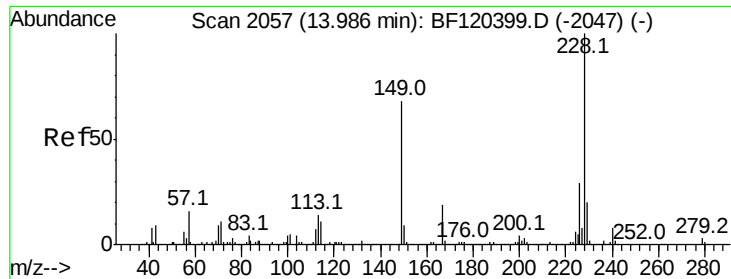
Ion Ratio Lower Upper

149 100

91 67.1 55.0 82.4

206 21.1 17.0 25.4





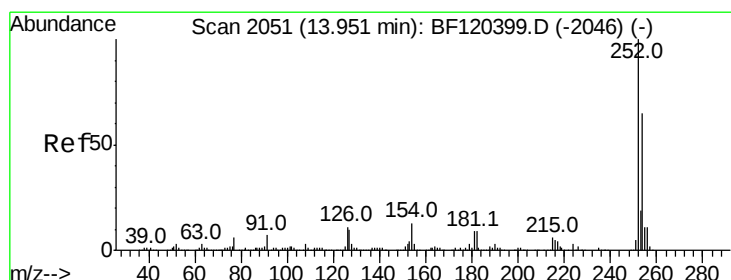
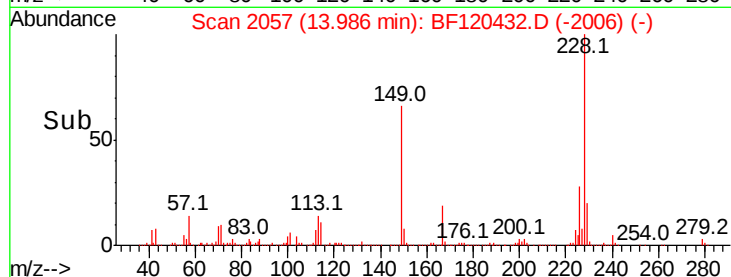
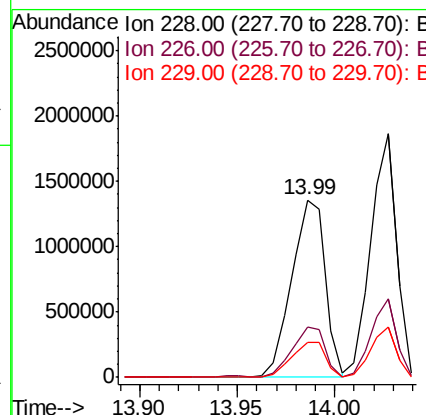
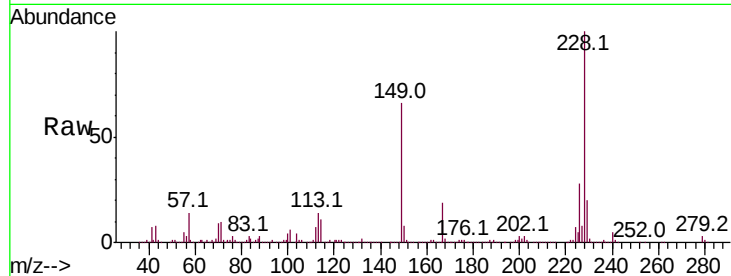
#81
Benzo(a)anthracene
Concen: 40.668 ng
RT: 13.99 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.4
229	19.9	16.2	24.4

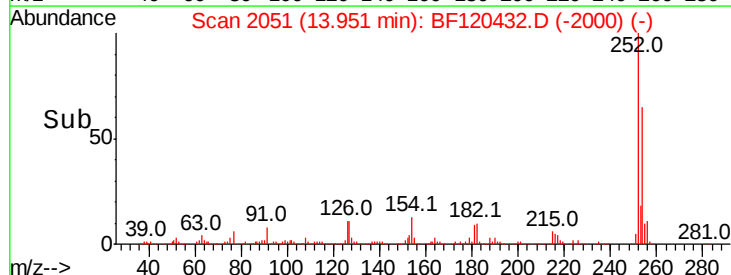
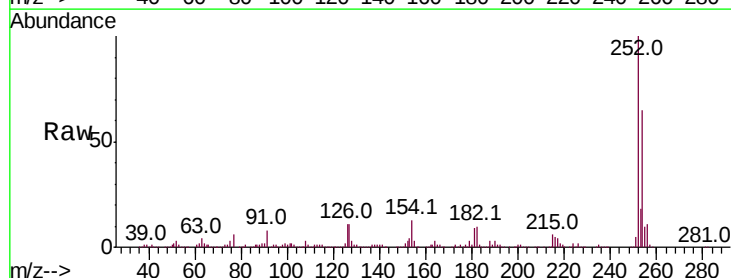
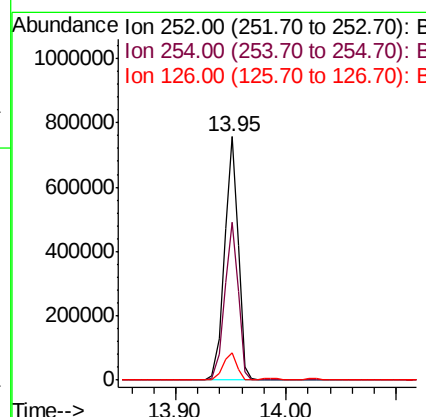
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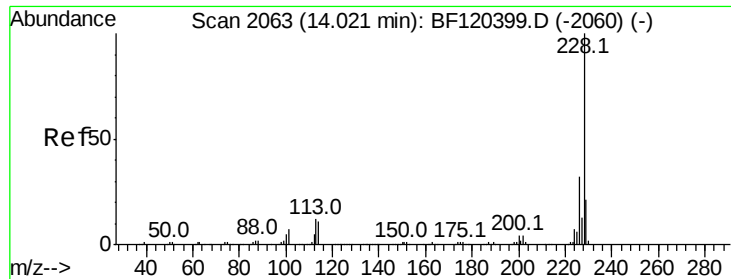
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#82
3,3'-Dichlorobenzidine
Concen: 44.955 ng
RT: 13.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	11.3	8.5	12.7





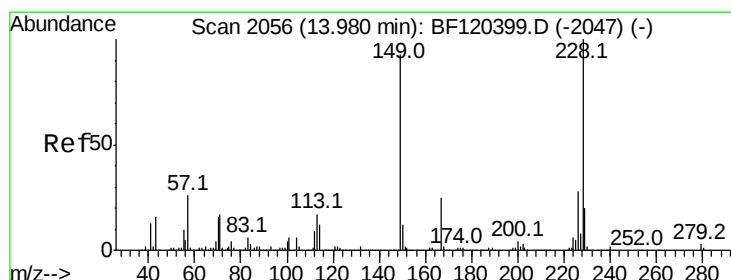
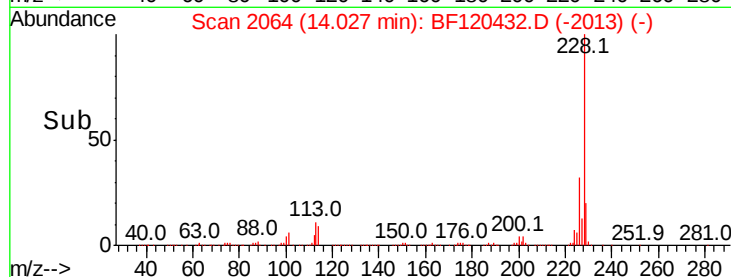
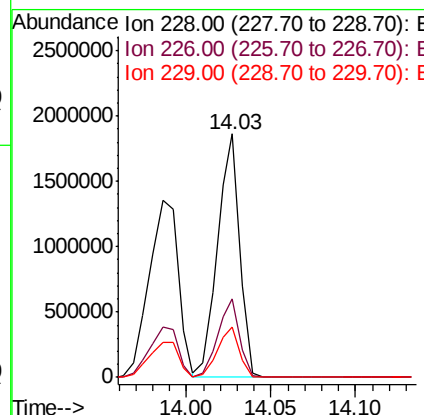
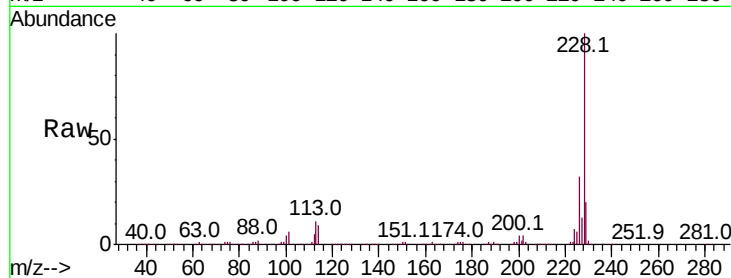
#83
 Chrvsene
 Concen: 40.896 ng
 RT: 14.03 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 1706842
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.6 38.4
 229 20.5 16.6 25.0

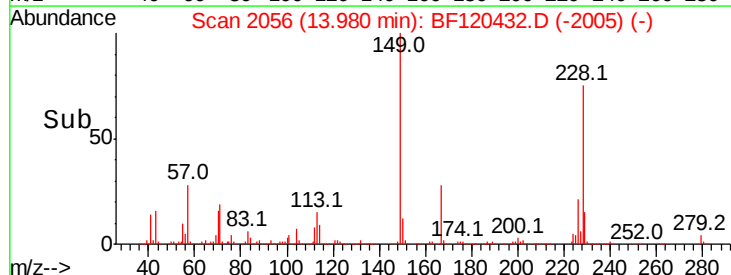
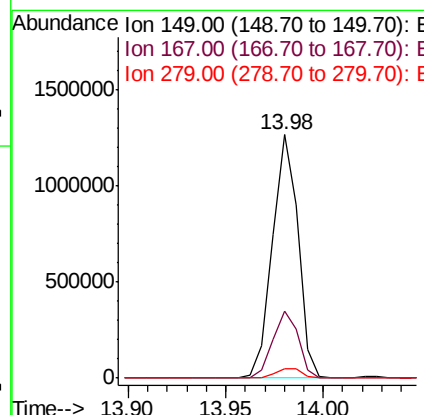
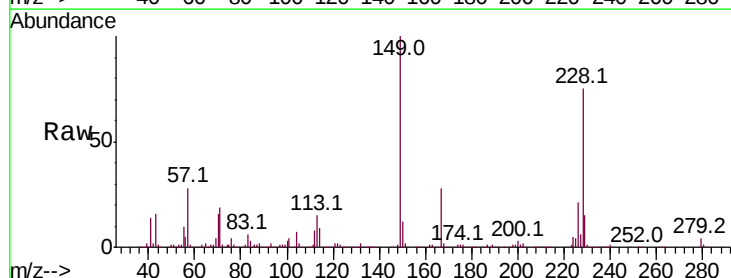
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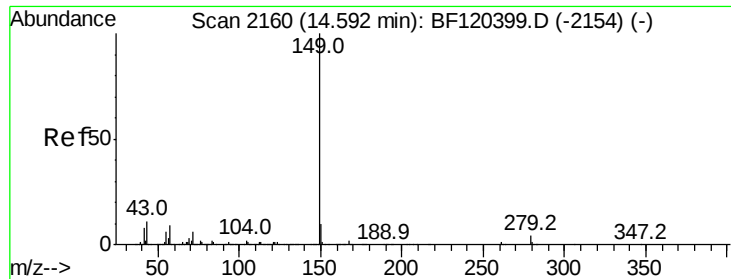
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.453 ng
 RT: 13.98 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion:149 Resp: 1150680
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.7 32.5
 279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 47.509 ng

RT: 14.59 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2081125

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

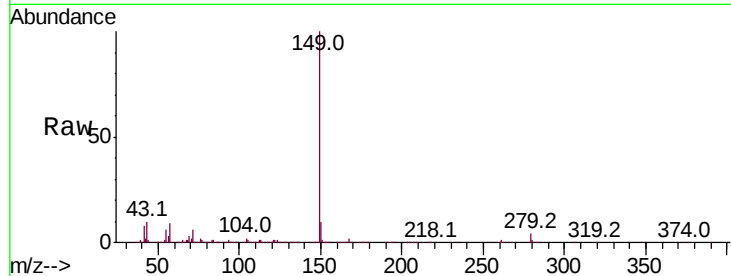
43 10.0 8.1 12.1

Manual Integrations

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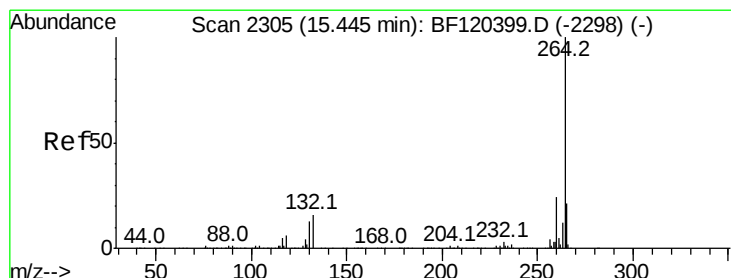
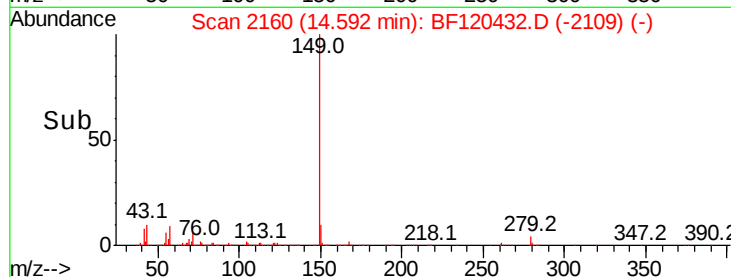
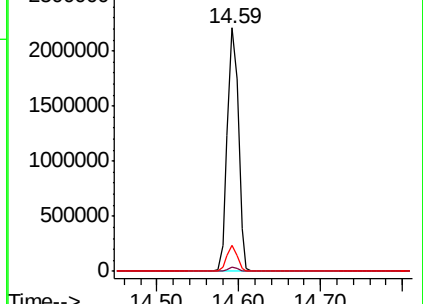
6/1/2020 12:20:53 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BF120432.D

Acq: 29 May 2020 12:06

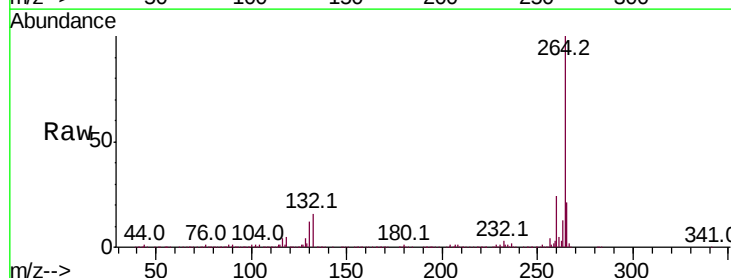
Tgt Ion:264 Resp: 711224

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

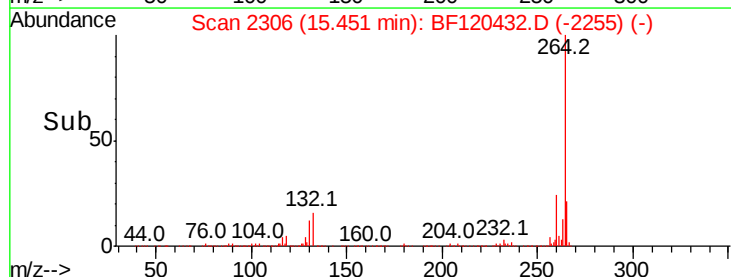
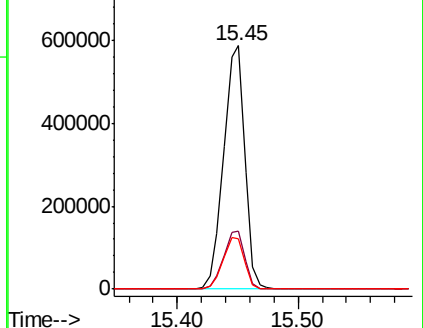
265 20.8 16.9 25.3

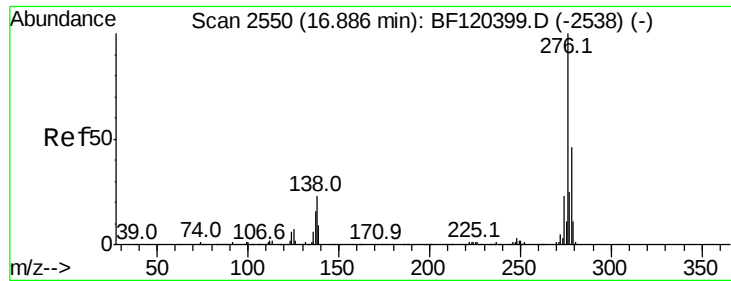


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





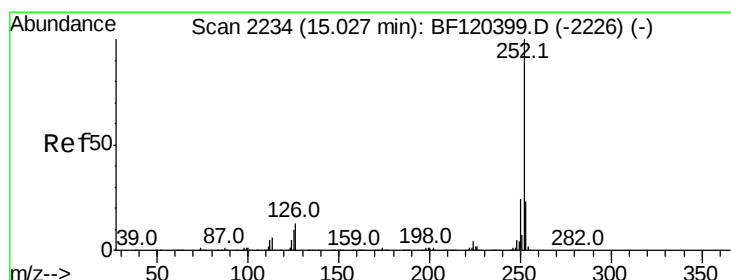
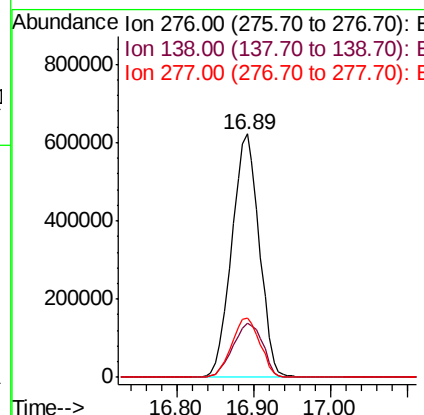
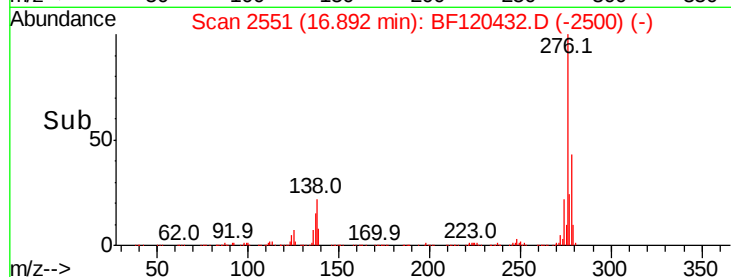
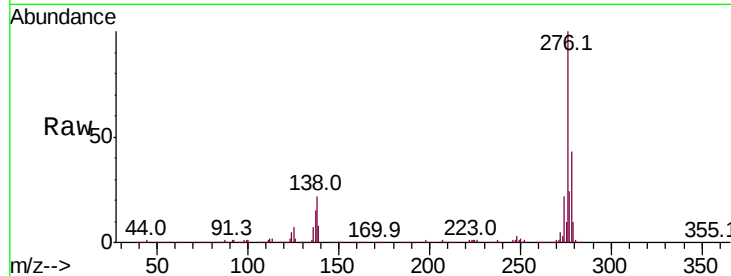
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.711 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.4	30.6
277	25.4	20.4	30.6

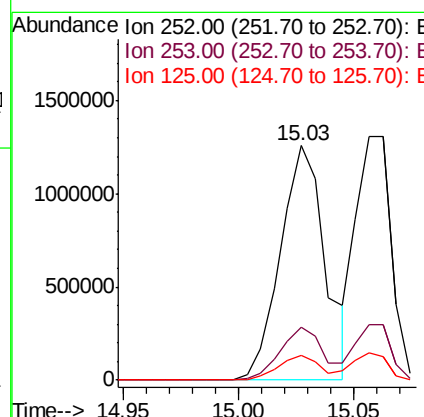
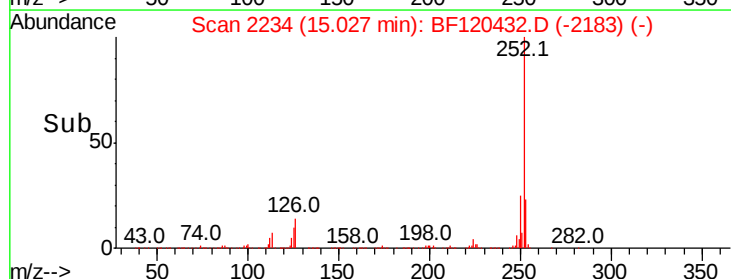
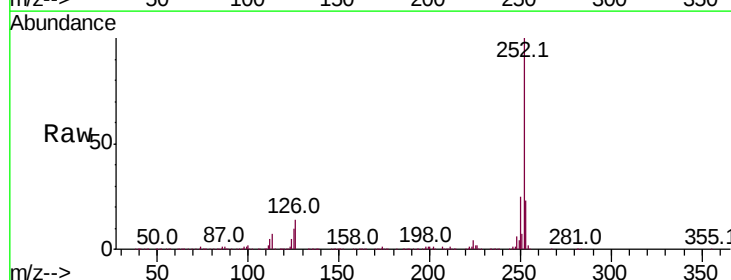
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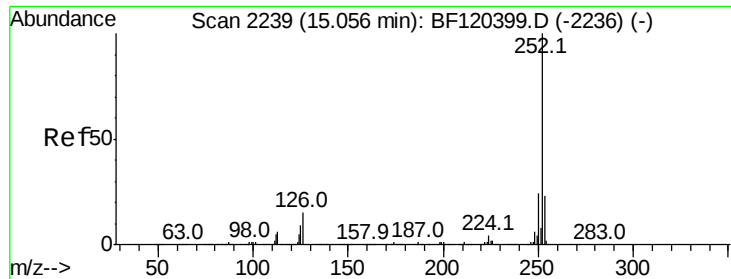
mohammad
 6/1/2020 12:20:53 PM



#88
 Benzo(b)fluoranthene
 Concen: 42.787 ng
 RT: 15.03 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF120432.D
 Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.4	7.8	11.8





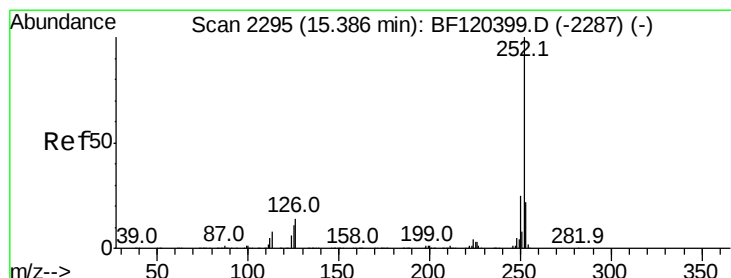
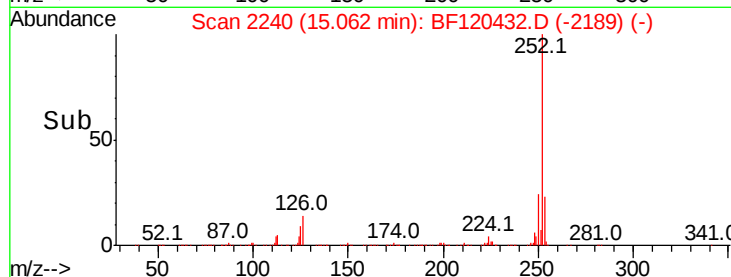
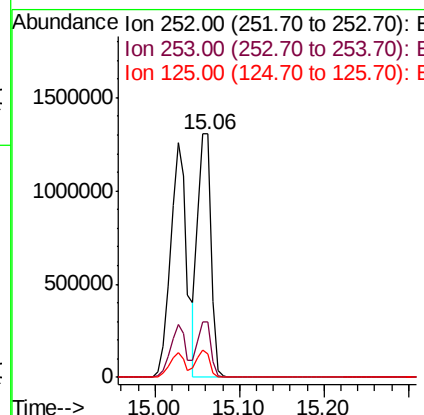
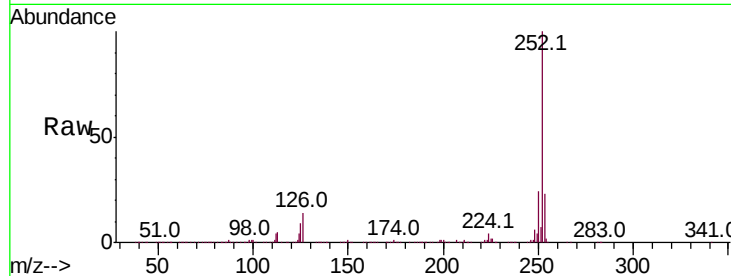
#89
Benzo(k)fluoranthene
Concen: 37.828 ng
RT: 15.06 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	9.4	8.0	12.0

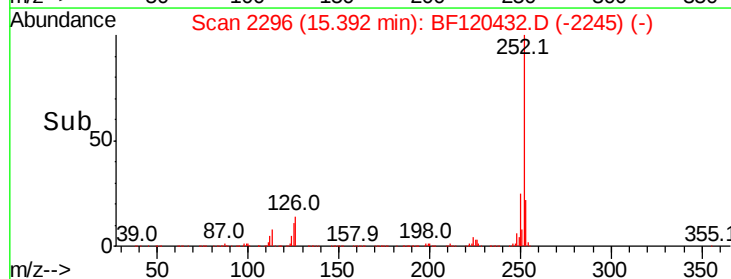
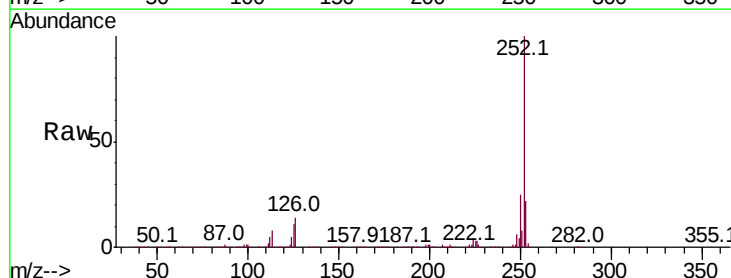
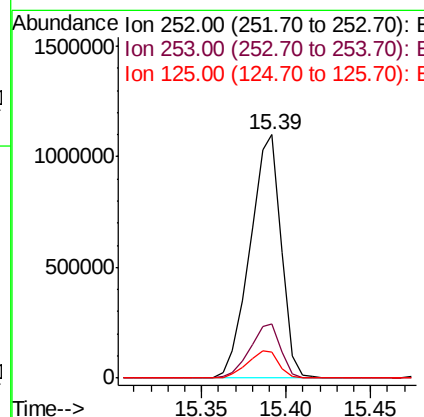
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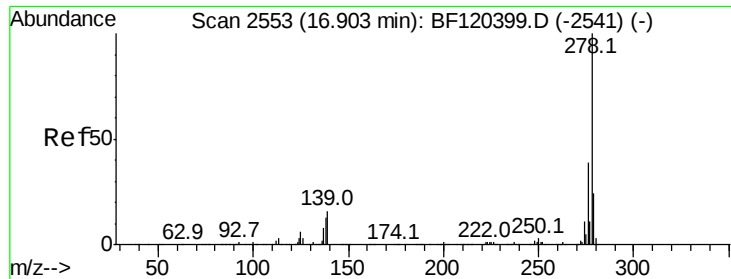
mohammad
6/1/2020 12:20:53 PM



#90
Benzo(a)pyrene
Concen: 41.010 ng
RT: 15.39 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	10.9	8.7	13.1





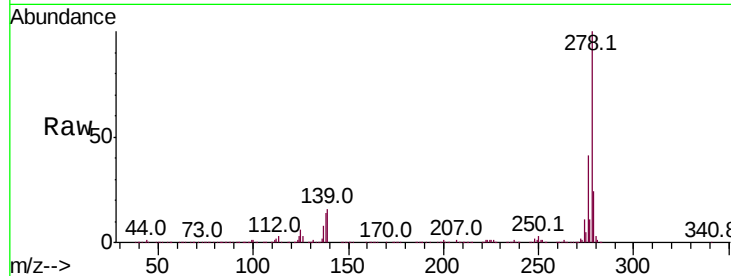
#91
Dibenzo(a,h)anthracene
Concen: 39.718 ng
RT: 16.91 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.8	19.2
279	24.3	19.0	28.4

Manual Integrations
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6/1/2020 12:20:53 PM

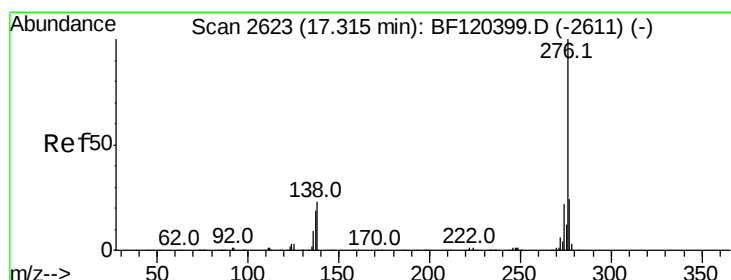
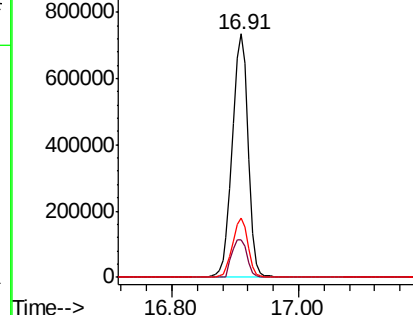
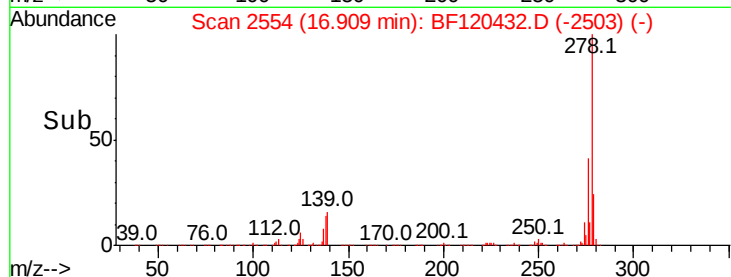


Abundance

Ion 278.00 (277.70 to 278.70): E

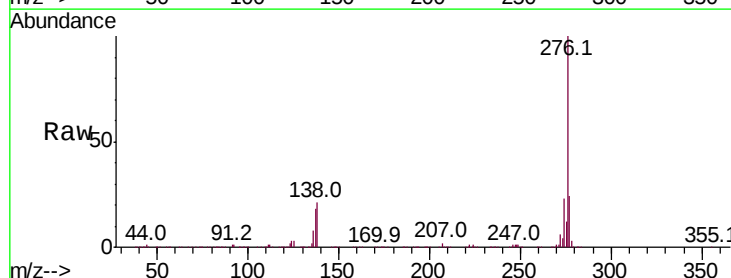
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.369 ng
RT: 17.33 min Scan# 2625
Delta R.T. 0.00 min
Lab File: BF120432.D
Acq: 29 May 2020 12:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.5	29.3
138	21.5	18.1	27.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

