

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121652.D
 Acq On : 22 Sep 2020 21:23
 Operator : JU/CG
 Sample : L4104-09MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

Manual Integrations
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mohammad
 9/23/2020 10:43:29 AM

Quant Time: Sep 23 01:36:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	156923	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	620921	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	330172	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	615516	20.00	ng	0.00
76) Chrysene-d12	13.98	240	446511	20.00	ng	0.00
86) Perylene-d12	15.43	264	364003	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	878238	83.17	ng	0.01
7) Phenol-d6	6.45	99	1155428	83.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	789752	68.29	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	385297	93.89	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1403175	64.36	ng	0.00
79) Terphenyl-d14	12.92	244	1446603	65.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	169158	34.870	ng	99
3) Pyridine	3.38	79	483805	36.076	ng	98
4) n-Nitrosodimethylamine	3.34	42	238183	38.290	ng	99
6) Aniline	6.47	93	362886	20.113	ng	95
8) 2-Chlorophenol	6.60	128	446642	41.545	ng	98
9) Benzaldehyde	6.36	77	163919	18.100	ng	99
10) Phenol	6.46	94	565951	38.365	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	436814	39.288	ng	99
12) 1,3-Dichlorobenzene	6.75	146	467445	38.955	ng	98
13) 1,4-Dichlorobenzene	6.83	146	470413	39.042	ng	98
14) 1,2-Dichlorobenzene	6.98	146	450014	40.544	ng	99
15) Benzyl Alcohol	6.96	79	395694	42.024	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	667833	37.327	ng	97
17) 2-Methylphenol	7.07	107	376419	41.150	ng	98
18) Hexachloroethane	7.32	117	171601	39.776	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	312928	39.195	ng	98
20) 3+4-Methylphenols	7.23	107	444930	40.483	ng	# 87
22) Acetophenone	7.22	105	588317	37.344	ng	100
24) Nitrobenzene	7.39	77	485591	38.823	ng	99
25) Isophorone	7.64	82	878564	37.740	ng	98
26) 2-Nitrophenol	7.71	139	238257	40.865	ng	95
27) 2,4-Dimethylphenol	7.75	122	398971	38.394	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	556352	38.604	ng	99
29) 2,4-Dichlorophenol	7.96	162	375397	39.663	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	386068	38.731	ng	99
31) Naphthalene	8.12	128	1263999	38.563	ng	99
32) Benzoic acid	7.90	122	276971	37.498	ng	97
33) 4-Chloroaniline	8.16	127	214997	15.132	ng	98
34) Hexachlorobutadiene	8.23	225	233230	39.862	ng	99
35) Caprolactam	8.55	113	126471m	40.126	ng	
36) 4-Chloro-3-methylphenol	8.66	107	418171	41.014	ng	99
37) 2-Methylnaphthalene	8.81	142	833972	38.825	ng	99
38) 1-Methylnaphthalene	8.91	142	782081	39.121	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	390535	37.866	ng	99

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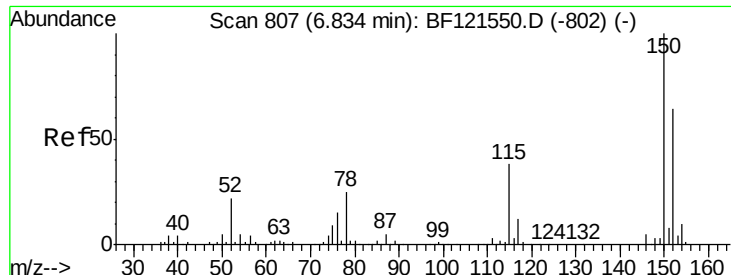
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	354027	60.109	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	276886	39.387	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	291496	39.224	ng	95
46) 1,1'-Biphenyl	9.27	154	999905	37.829	ng	100
47) 2-Chloronaphthalene	9.30	162	782850	37.584	ng	100
48) 2-Nitroaniline	9.40	65	270262	41.754	ng	97
49) Acenaphthylene	9.72	152	1239841	38.740	ng	100
50) Dimethylphthalate	9.58	163	1110182	46.392	ng	99
51) 2,6-Dinitrotoluene	9.64	165	217655	42.708	ng	98
52) Acenaphthene	9.89	154	738410	36.530	ng	99
53) 3-Nitroaniline	9.81	138	124028	21.008	ng	93
54) 2,4-Dinitrophenol	9.92	184	227210	77.603	ng	98
55) Dibenzofuran	10.06	168	1091541	38.345	ng	98
56) 4-Nitrophenol	9.99	139	353938	75.173	ng	91
57) 2,4-Dinitrotoluene	10.05	165	287437	44.831	ng	91
58) Fluorene	10.40	166	853777	39.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	246671	40.828	ng	99
60) Diethylphthalate	10.28	149	927144	39.738	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	409501	39.269	ng	99
62) 4-Nitroaniline	10.43	138	211024	35.999	ng	98
63) Azobenzene	10.55	77	939035	37.794	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	160147	43.200	ng	96
66) n-Nitrosodiphenylamine	10.52	169	813748	38.535	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	281056	40.105	ng	94
68) Hexachlorobenzene	10.95	284	315335	39.872	ng	98
69) Atrazine	11.04	200	199150	37.960	ng	97
70) Pentachlorophenol	11.15	266	335506	77.246	ng	98
71) Phenanthrene	11.36	178	1329381	39.641	ng	100
72) Anthracene	11.42	178	1332642	38.507	ng	100
73) Carbazole	11.57	167	1209864	38.740	ng	99
74) Di-n-butylphthalate	11.90	149	1388067	38.510	ng	100
75) Fluoranthene	12.55	202	1442915	40.306	ng	99
77) Benzidine	12.67	184	605372	40.896	ng	99
78) Pyrene	12.78	202	1453506	44.554	ng	100
80) Butylbenzylphthalate	13.40	149	565166	42.835	ng	97
81) Benzo(a)anthracene	13.97	228	1160541	41.083	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	216639	19.644	ng	99
83) Chrysene	14.00	228	1121781	39.216	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	724034	41.077	ng	100
85) Di-n-octyl phthalate	14.57	149	1175044	37.775	ng	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1047731	44.199	ng	100
88) Benzo(b)fluoranthene	15.01	252	1012279	41.599	ng	99
89) Benzo(k)fluoranthene	15.04	252	938866	42.132	ng	100
90) Benzo(a)pyrene	15.37	252	874218	42.264	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	835365	42.334	ng	99
92) Benzo(g,h,i)perylene	17.31	276	895985	46.192	ng	99

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



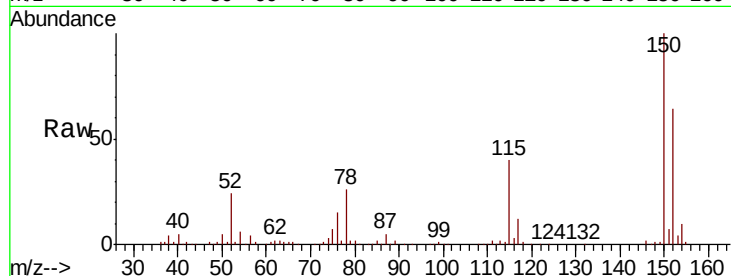
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Instrument :
 BNA_F
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 PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	128.1	192.1
115	63.0	52.6	79.0

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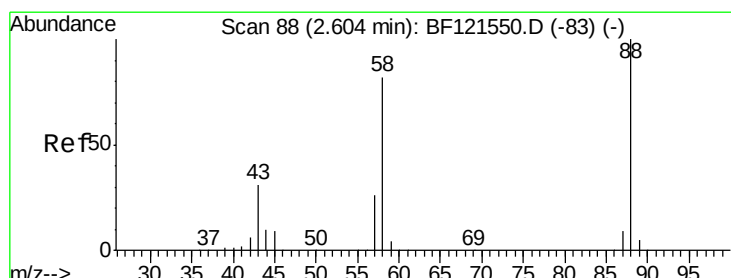
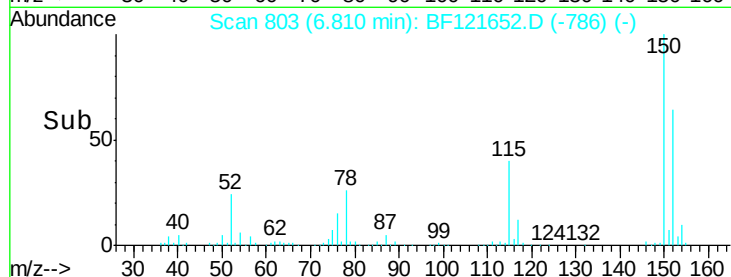
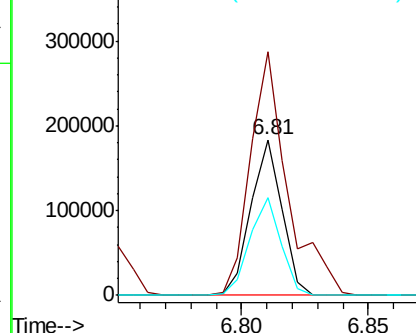


Abundance

Ion 152.00 (151.70 to 152.70): E

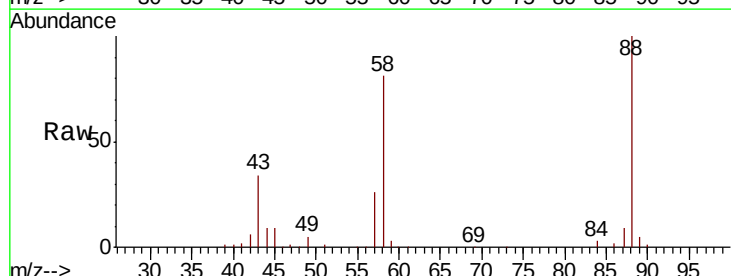
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 34.870 ng
 RT: 2.65 min Scan# 96
 Delta R.T. 0.14 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	65.4	98.0
43	33.1	24.9	37.3

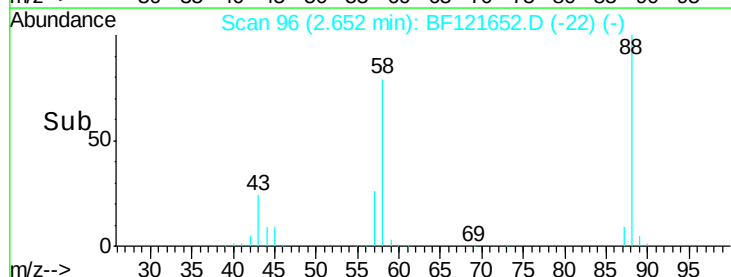
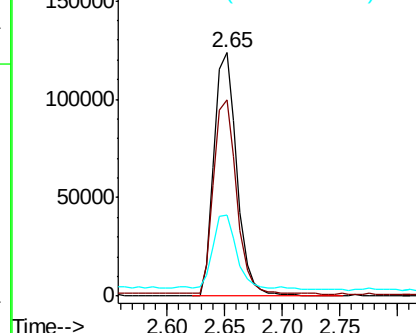


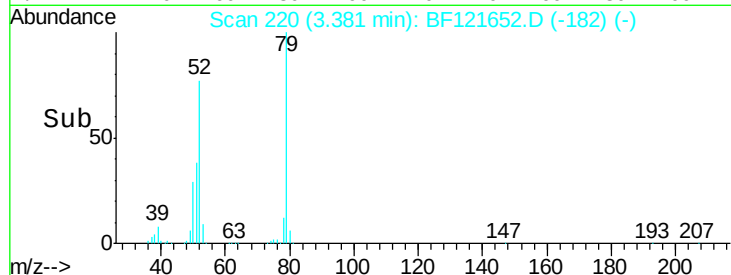
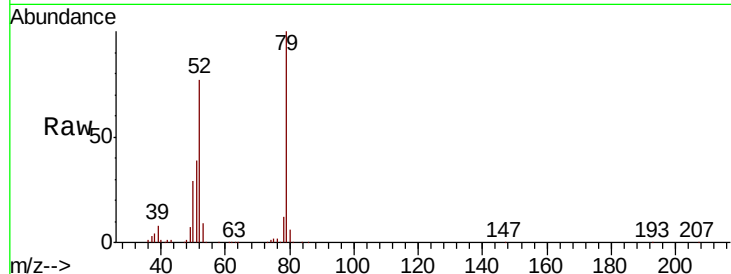
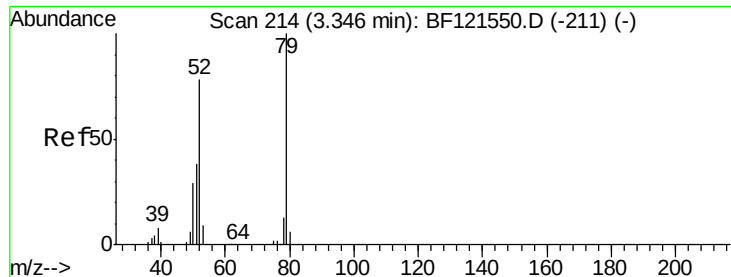
Abundance

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





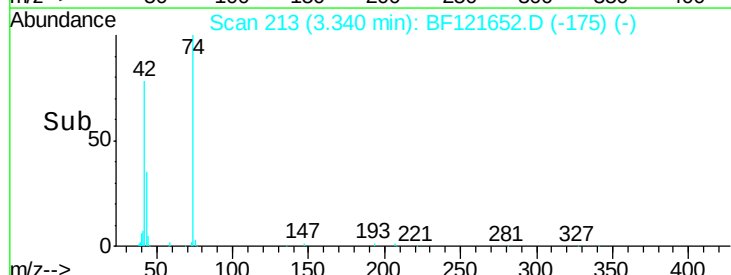
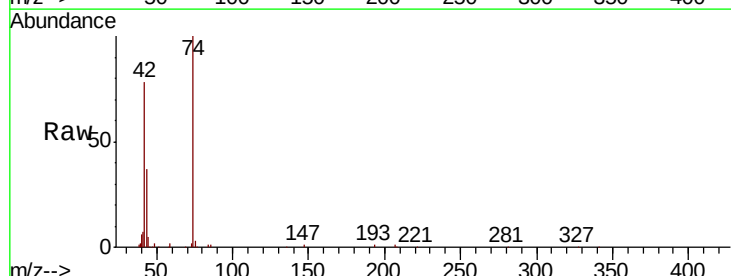
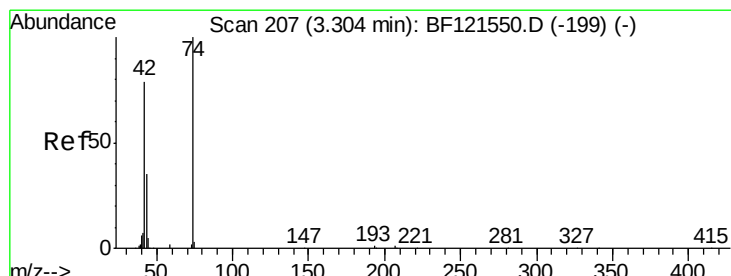
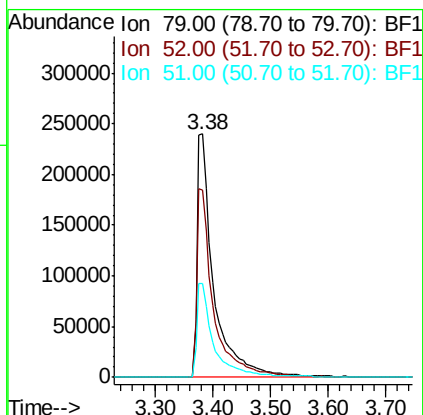
#3
Pvridine
Concen: 36.076 ng
RT: 3.38 min Scan# 220
Delta R.T. 0.12 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tot Ion	Ratio	Resp	Lower	Upper
79	100	483805		
52	76.9		63.4	95.0
51	38.6		30.7	46.1

Instrument :
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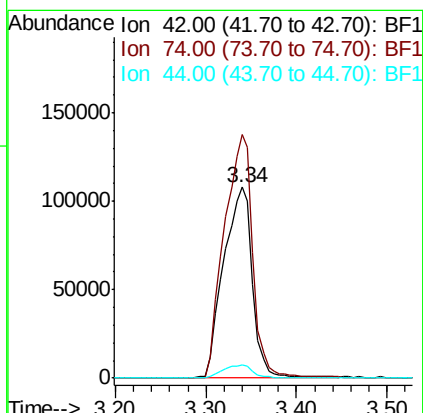
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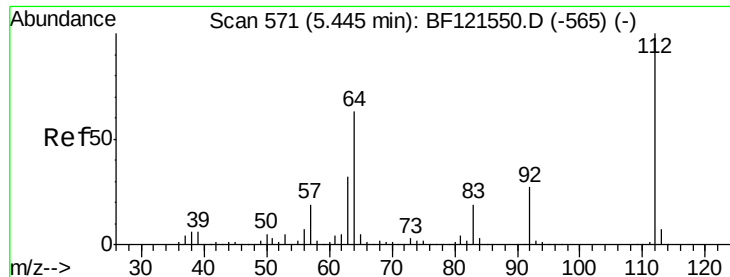
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#4
n-Nitrosodimethylamine
Concen: 38.290 ng
RT: 3.34 min Scan# 213
Delta R.T. 0.12 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	238183		
74	127.5		102.6	154.0
44	6.9		6.0	9.0





#5

2-Fluorophenol

Concen: 83.173 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

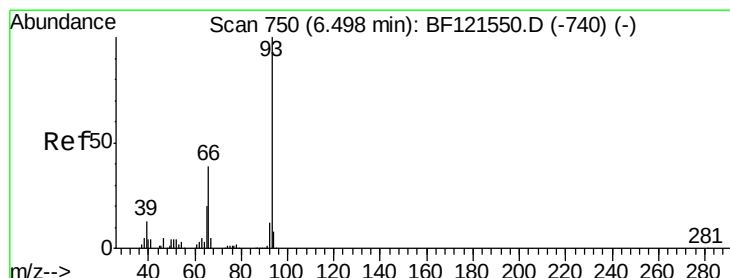
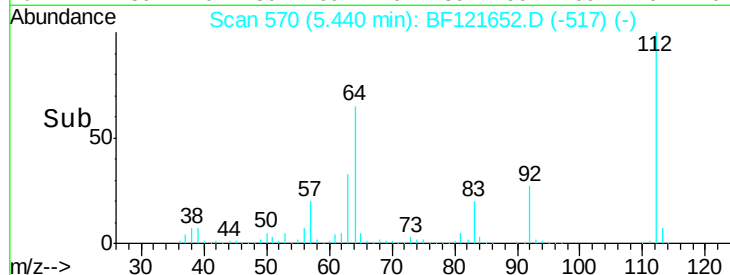
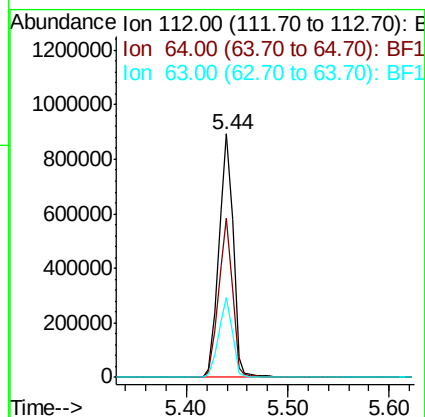
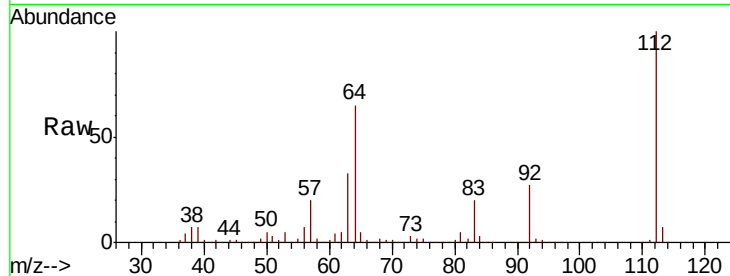
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		878238		
64	65.1	52.2	78.2		
63	32.9	26.6	39.8		

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#6

Aniline

Concen: 20.113 ng

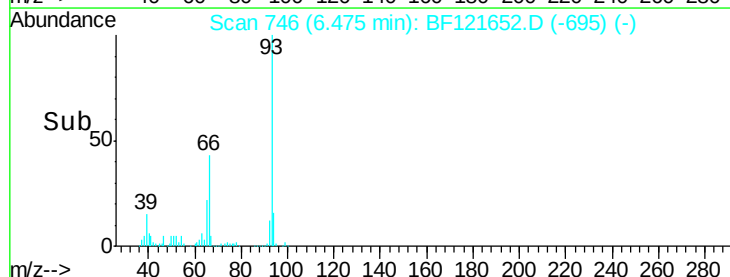
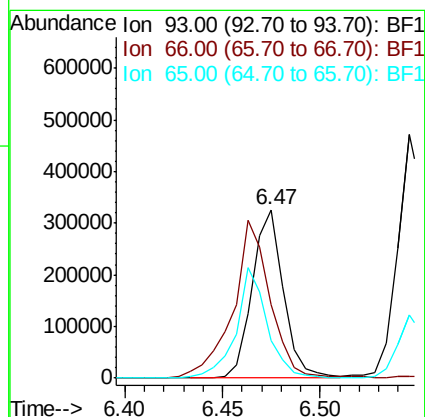
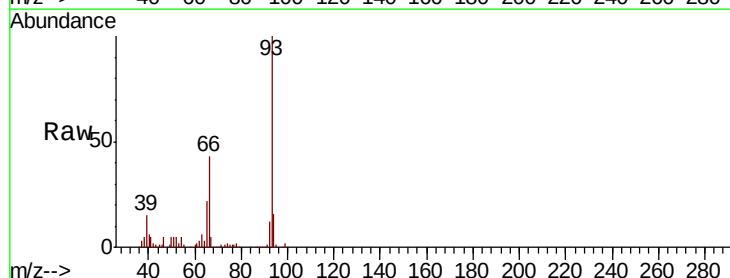
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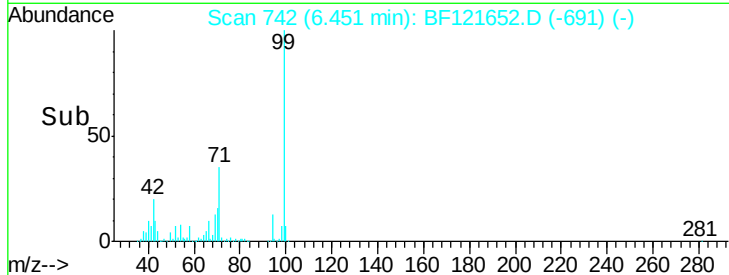
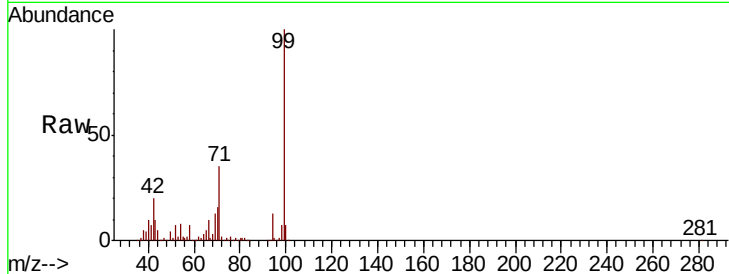
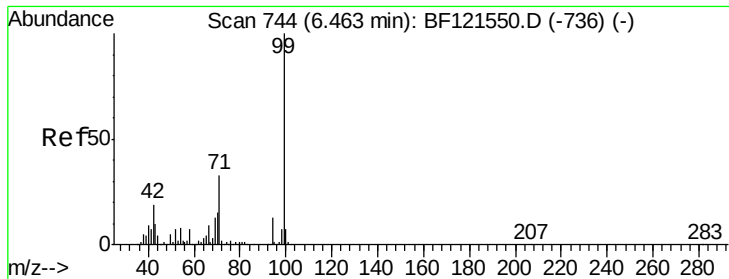
Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		362886		
66	43.4	31.9	47.9		
65	22.0	16.1	24.1		





#7

Phenol-d6

Concen: 83.406 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Tot Ion:	99	Resp:	1155428
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.5	23.3
71	34.8	27.4	41.2

Instrument :

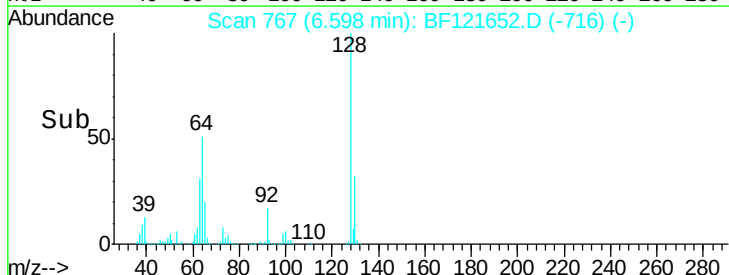
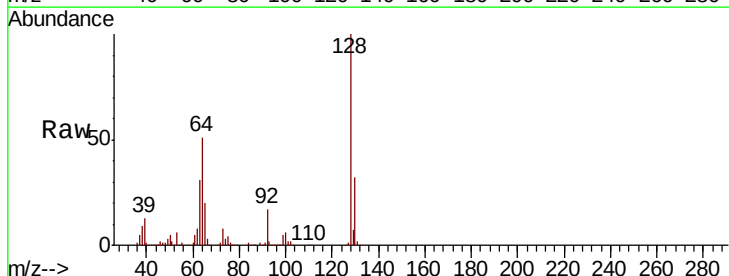
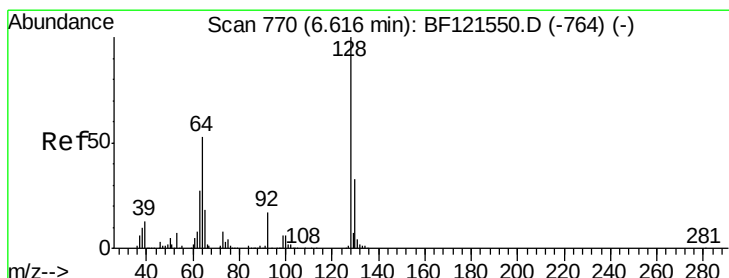
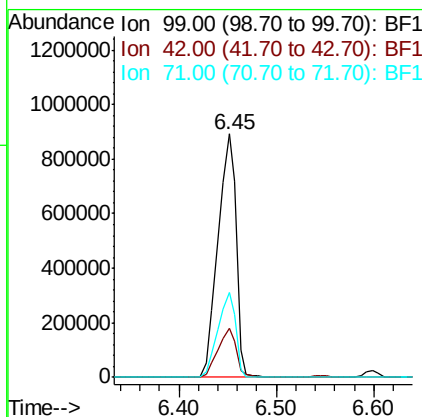
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#8

2-Chlorophenol

Concen: 41.545 ng

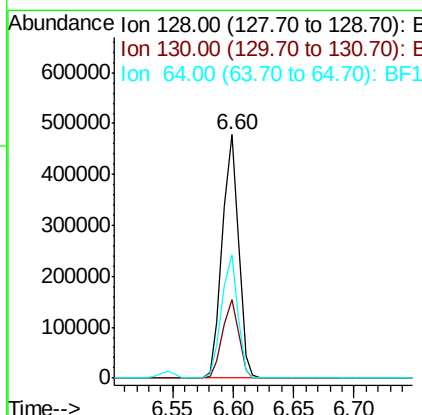
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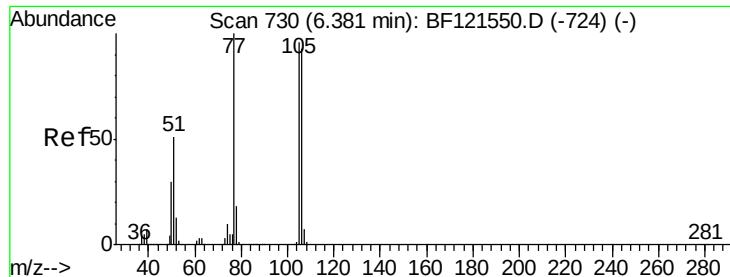
Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Tgt Ion:	128	Resp:	446642
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.5	53.5
64	50.5	29.3	69.3





#9

Benzaldehyde

Concen: 18.100 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

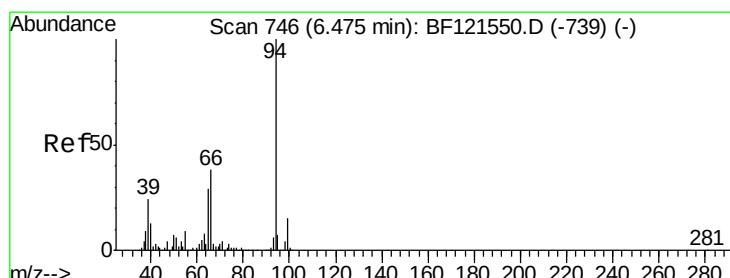
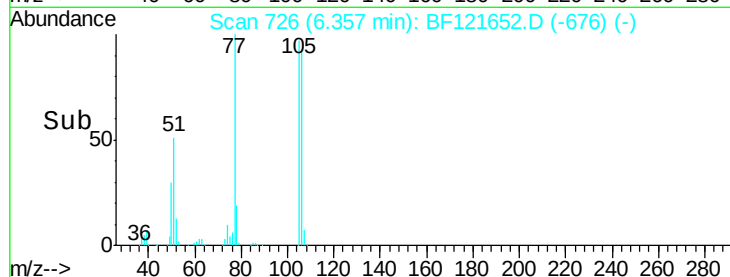
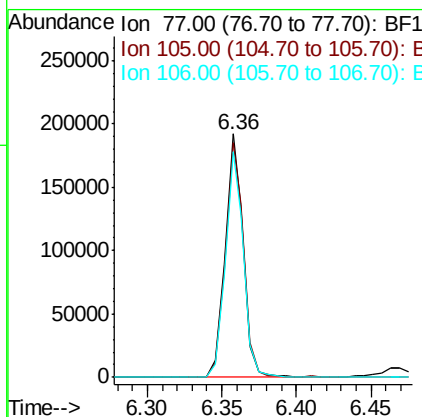
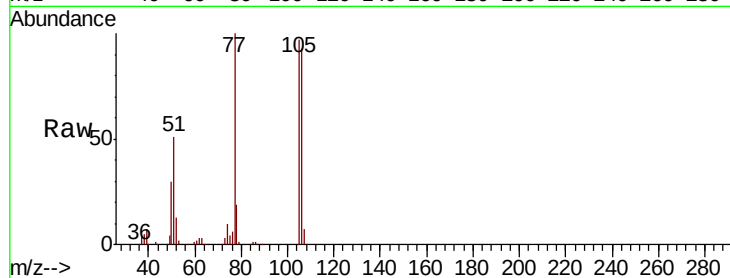
ClientSampleId :

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Tot Ion:	77	Resp:	163919
Ion	Ratio	Lower	Upper
77	100		
105	96.5	79.2	119.2
106	92.9	72.9	112.9

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#10

Phenol

Concen: 38.365 ng

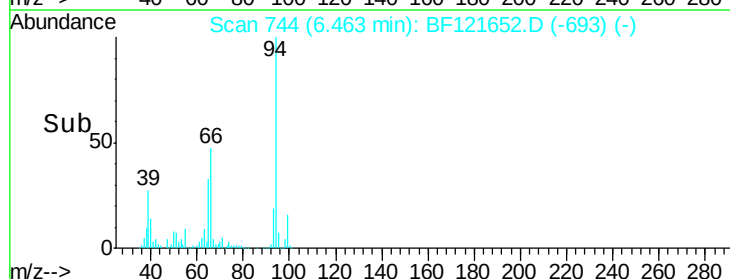
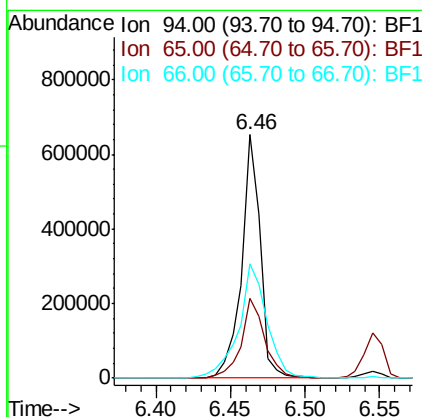
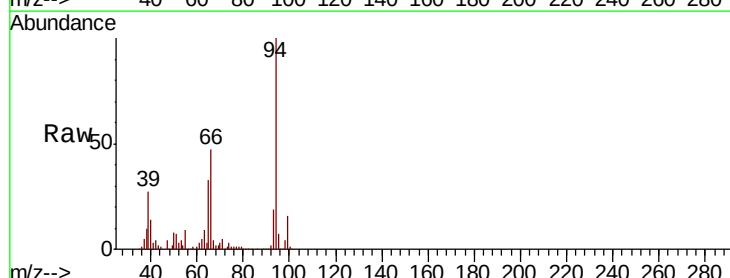
RT: 6.46 min Scan# 744

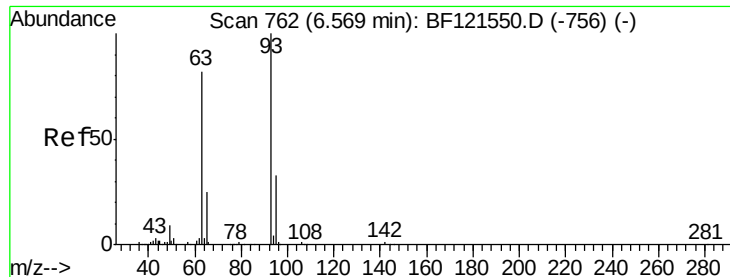
Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Tgt Ion:	94	Resp:	565951
Ion	Ratio	Lower	Upper
94	100		
65	32.6	17.8	57.8
66	47.0	37.8	77.8





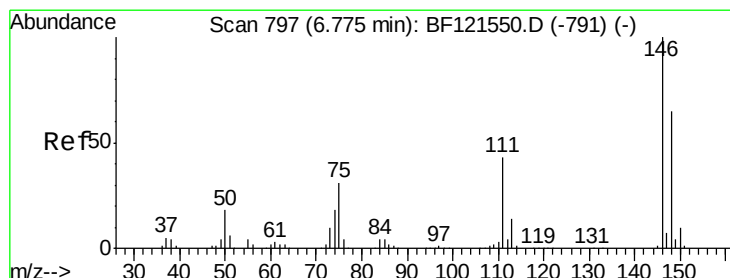
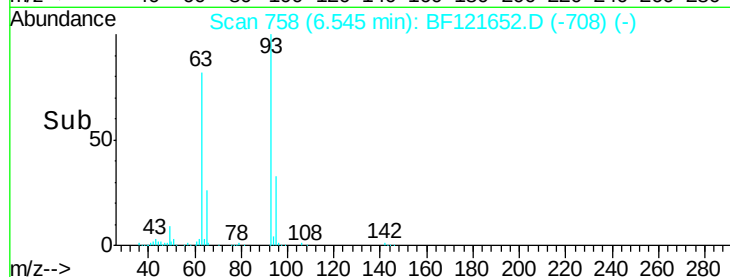
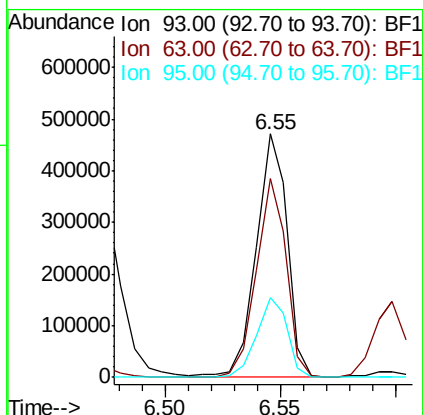
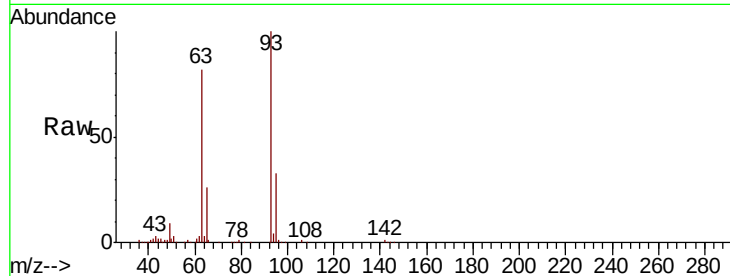
#11
bis(2-Chloroethyl)ether
Concen: 39.288 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		436814		
63	81.5	60.3	100.3		
95	32.6	12.6	52.6		

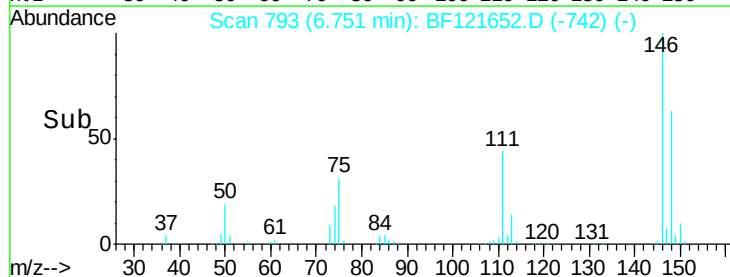
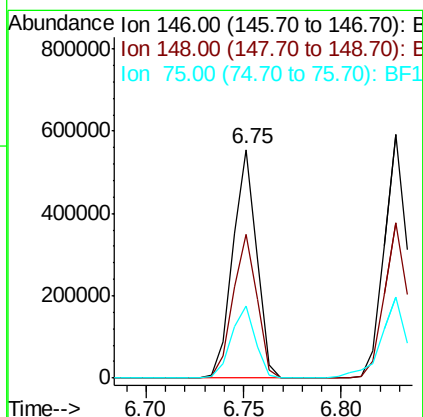
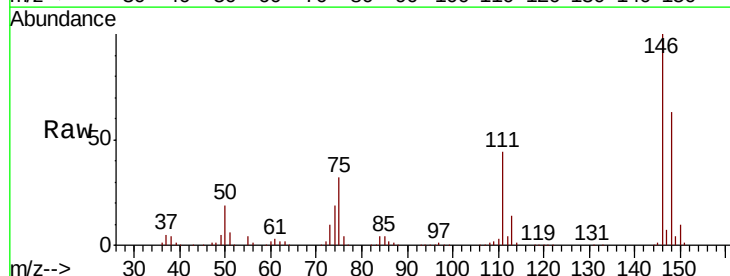
Manual Integrations
APPROVED

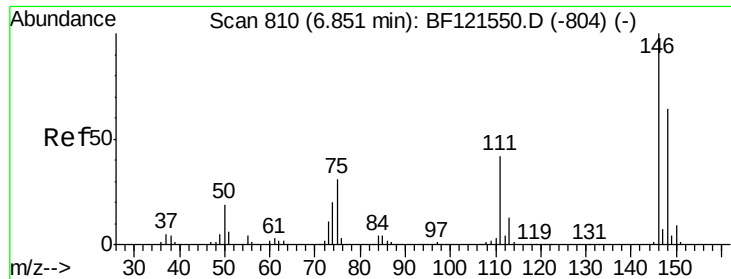
mohammad
9/23/2020 10:43:29 AM



#12
1,3-Dichlorobenzene
Concen: 38.955 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		467445		
148	62.8	50.6	75.8		
75	31.7	23.5	35.3		





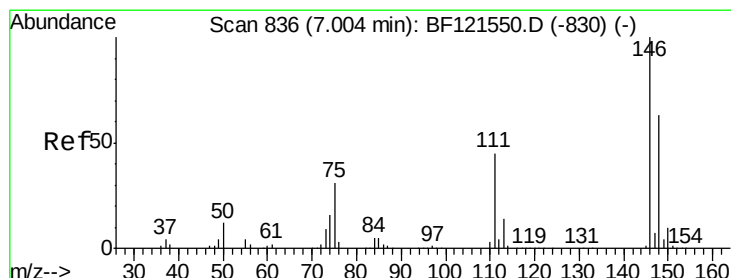
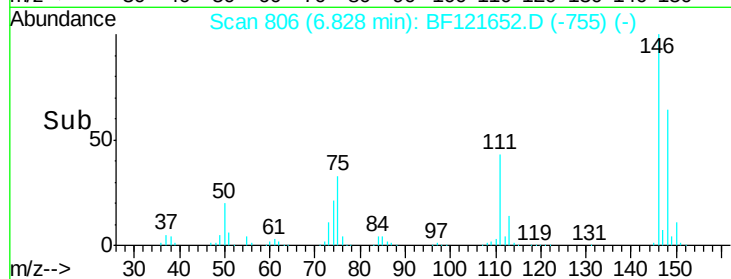
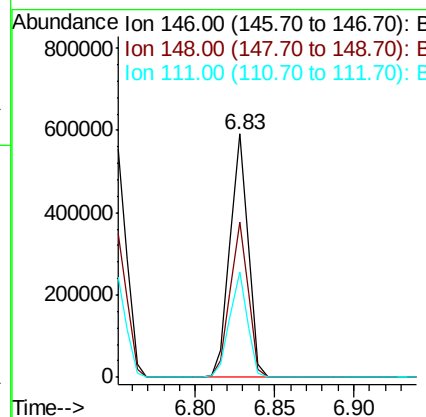
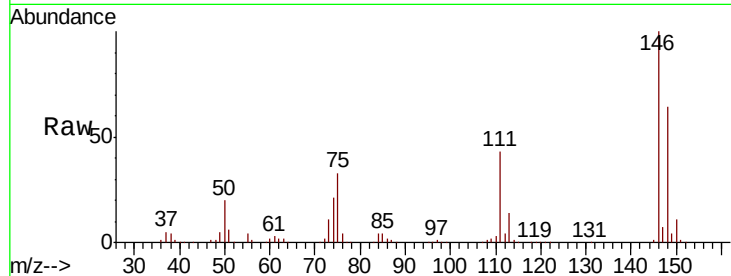
#13
1,4-Dichlorobenzene
Concen: 39.042 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
111	43.4	32.7	49.1

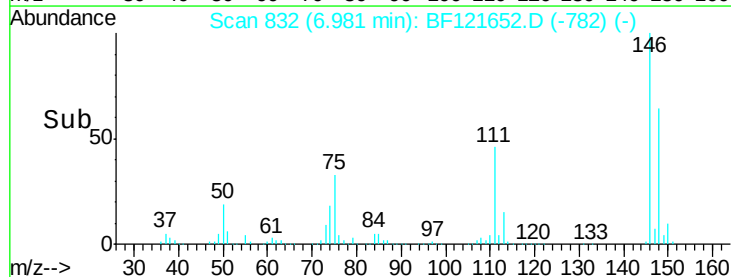
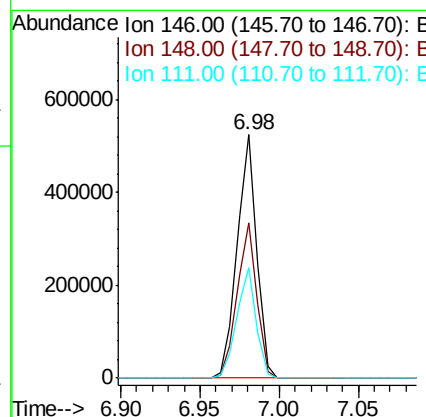
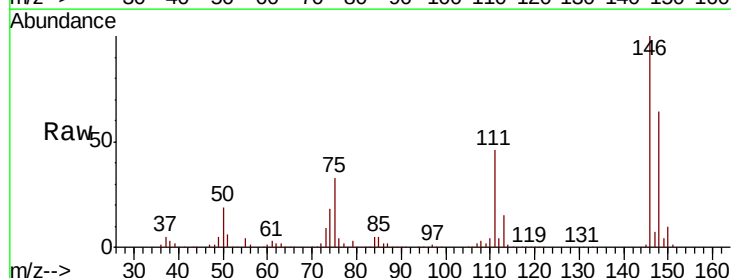
Manual Integrations
APPROVED

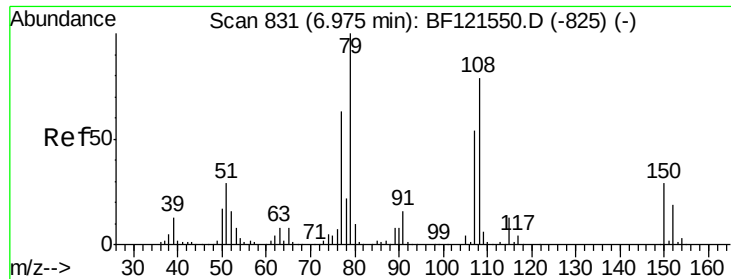
mohammad
9/23/2020 10:43:29 AM



#14
1,2-Dichlorobenzene
Concen: 40.544 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
111	45.6	35.5	53.3





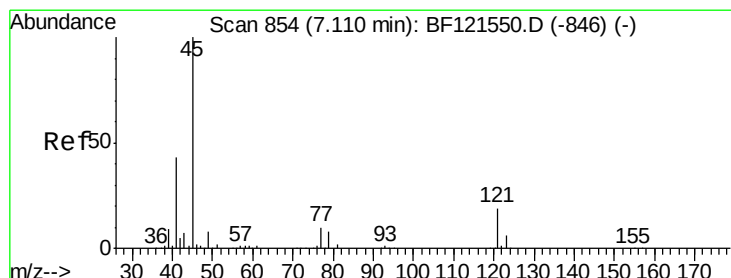
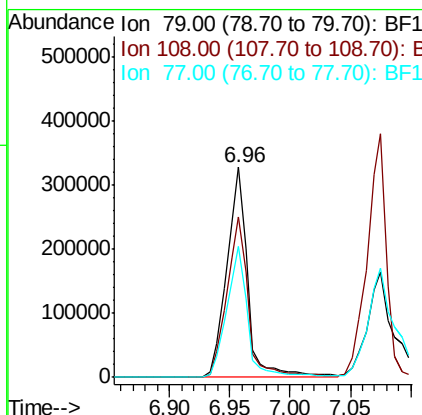
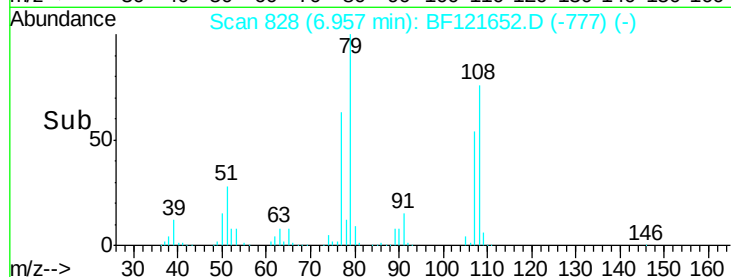
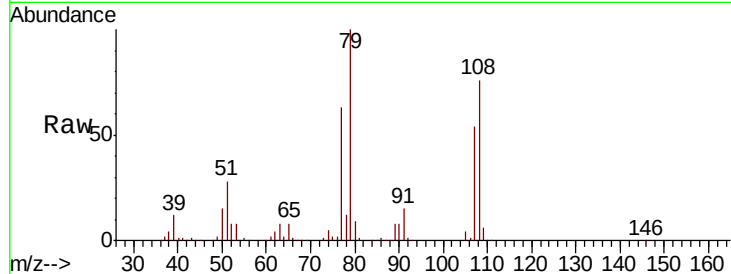
#15
Benzyl Alcohol
Concen: 42.024 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.1	60.2	90.2
77	62.5	50.6	76.0

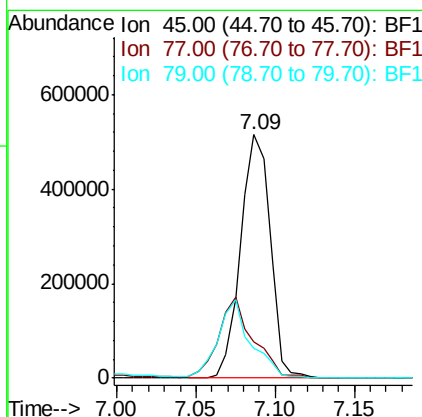
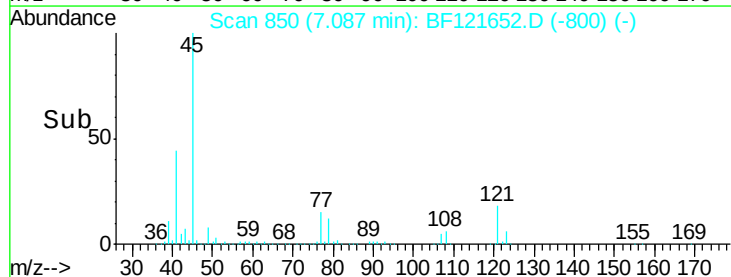
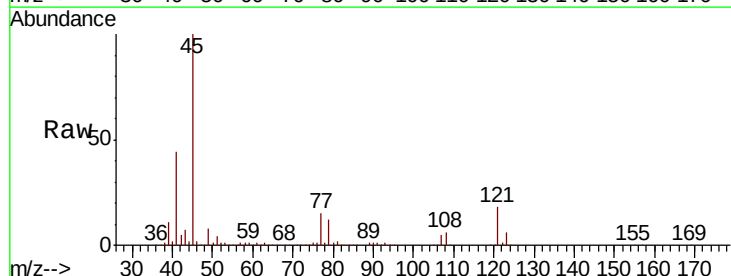
Manual Integrations
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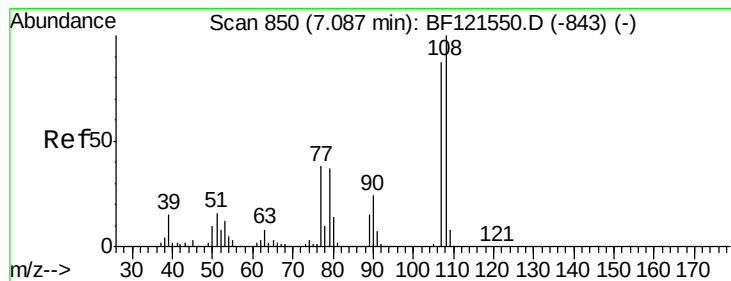
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.327 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	33.8
79	12.1	0.0	31.2





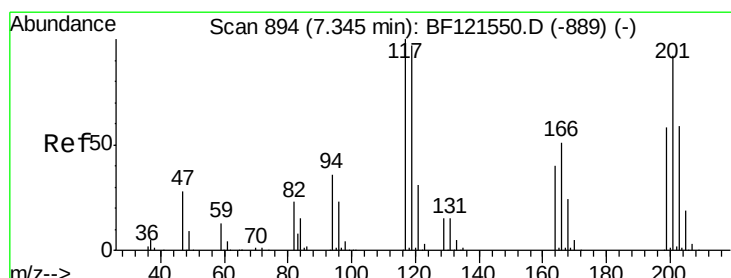
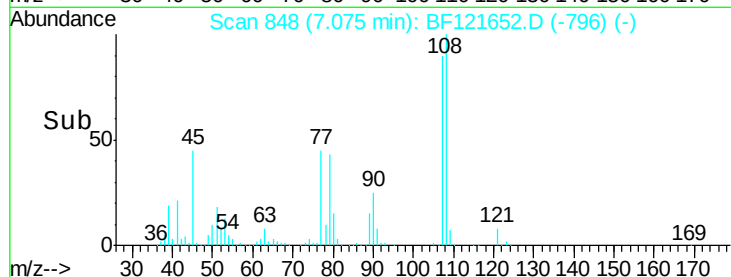
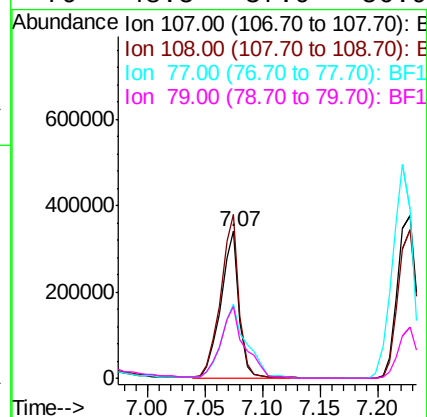
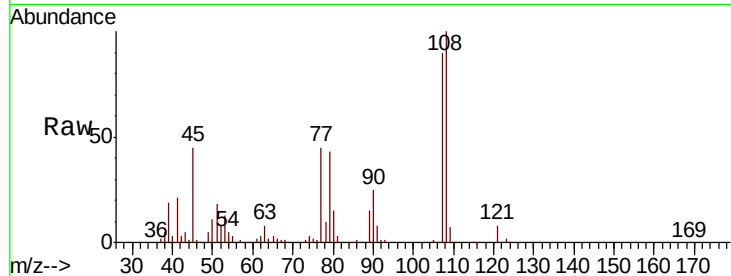
#17
2-Methylphenol
Concen: 41.150 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	111.7	90.6	135.8		
77	50.4	38.7	58.1		
79	48.5	37.9	56.9		

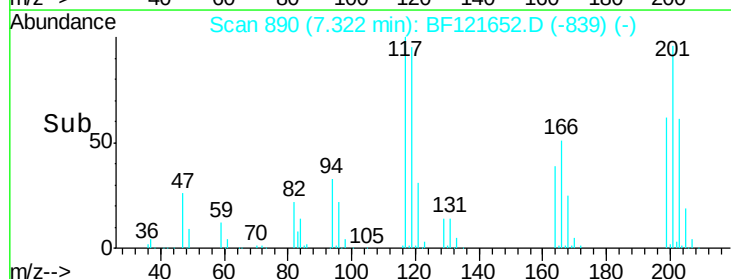
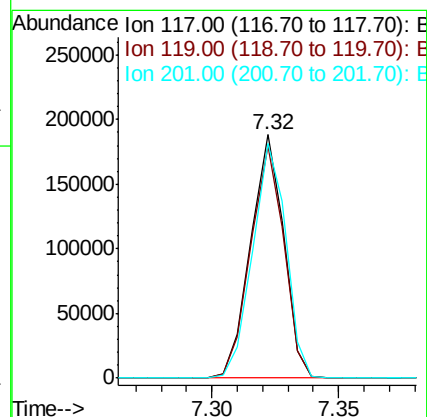
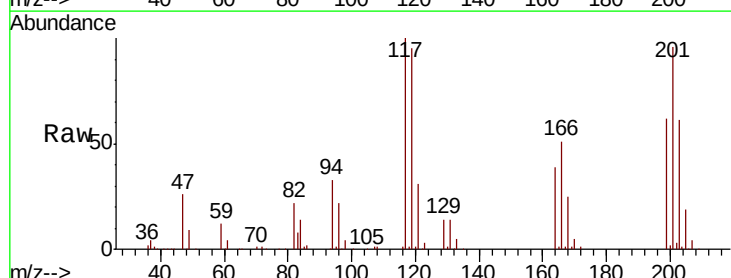
Manual Integrations
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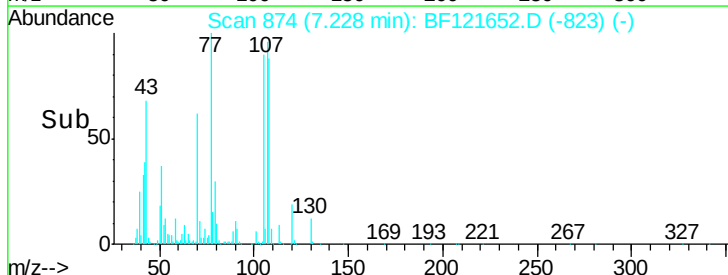
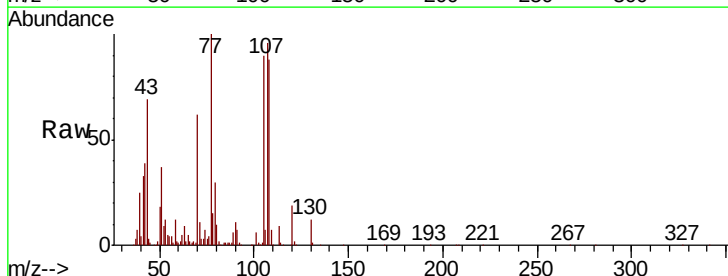
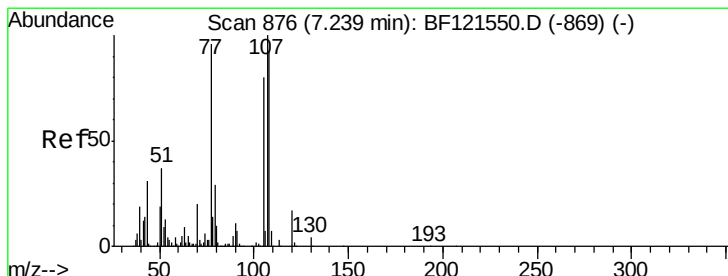
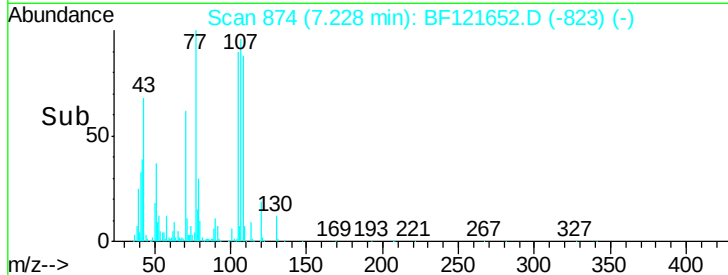
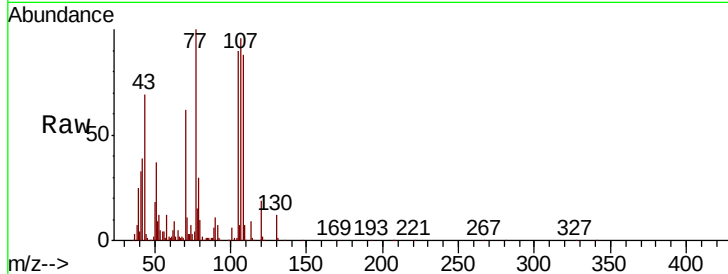
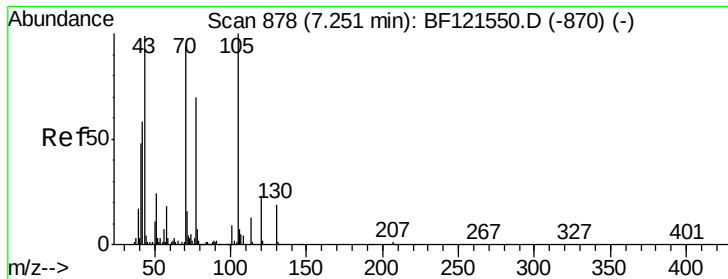
mohammad
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#18
Hexachloroethane
Concen: 39.776 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	95.1	75.7	113.5		
201	96.3	77.5	116.3		





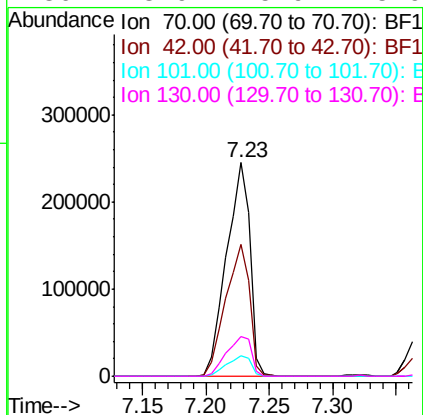
#19
n-Nitroso-di-n-propylamine
Concen: 39.195 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		312928		
42	61.8	48.3	72.5		
101	9.4	7.6	11.4		
130	18.9	15.9	23.9		

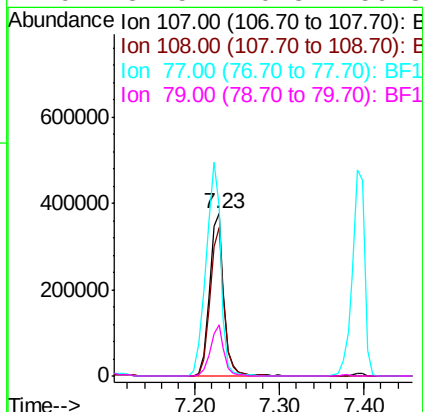
Manual Integrations
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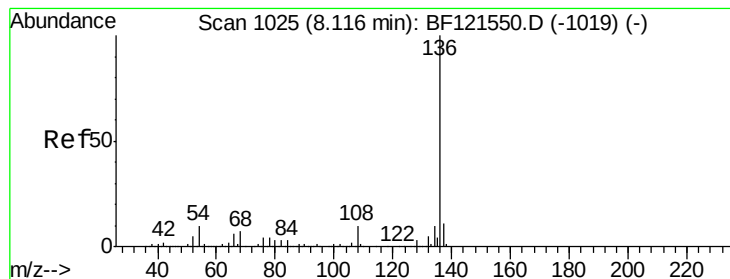
mohammad
9/23/2020 10:43:29 AM



#20
3+4-Methylphenols
Concen: 40.483 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		444930		
108	91.8	67.0	107.0		
77	104.5	107.7	147.7#		
79	31.5	10.3	50.3		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

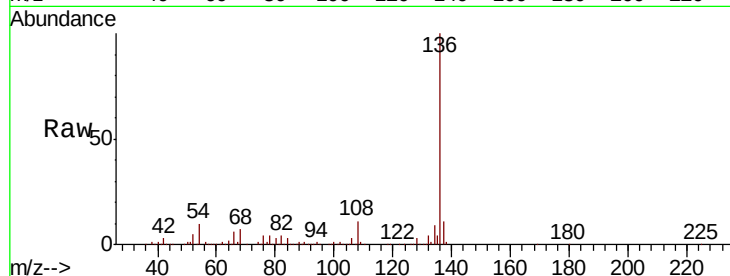
ClientSampleId :

PAV-B29-092120-10-17MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		620921		
137	11.1		8.9	13.3	
54	9.7		7.4	11.0	
68	7.0		5.3	7.9	

Manual Integrations
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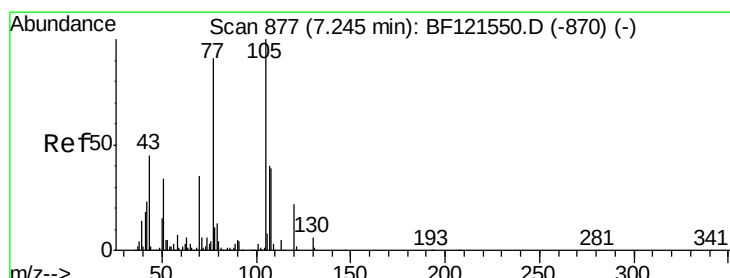
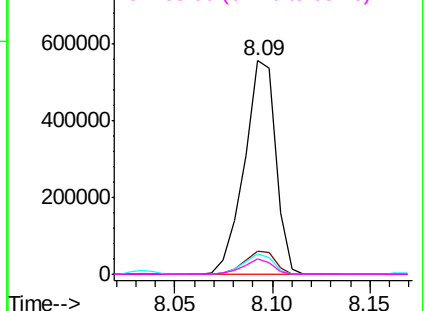
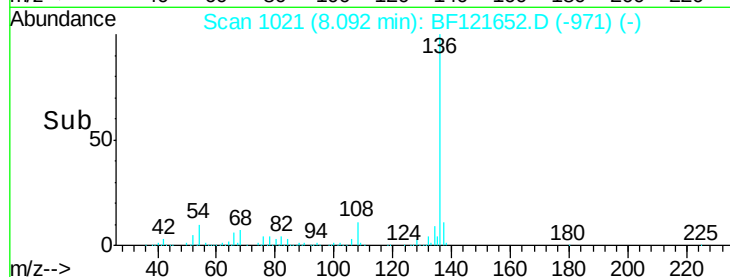
Abundance

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: 37.344 ng

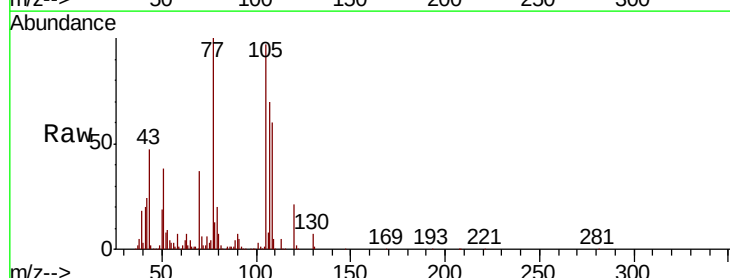
RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		588317		
71	6.5		5.5	8.3	
51	39.5		31.7	47.5	
120	21.9		17.4	26.2	



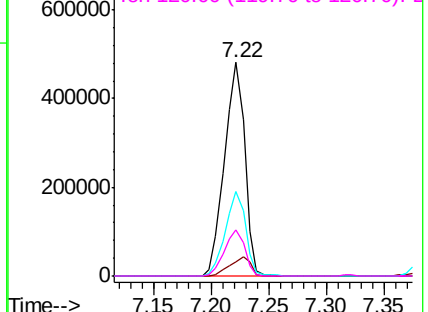
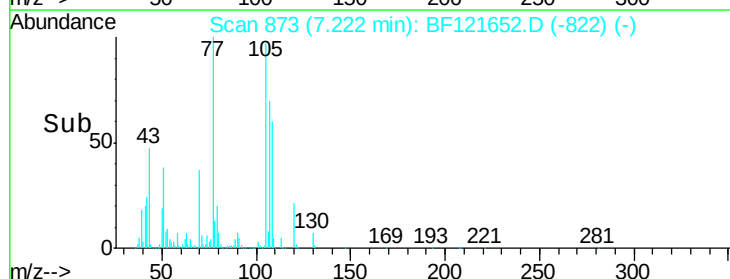
Abundance

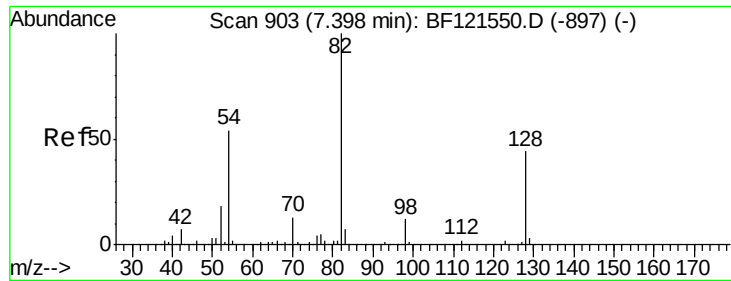
Ion 105.00 (104.70 to 105.70): E

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





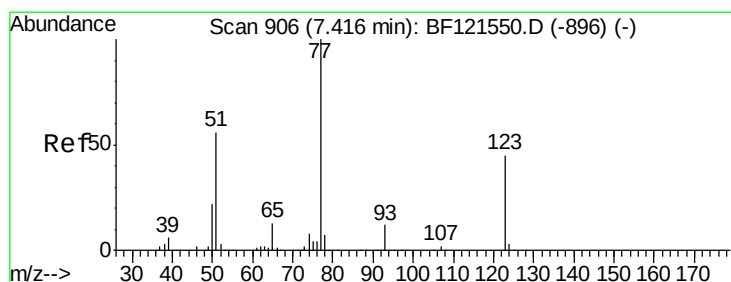
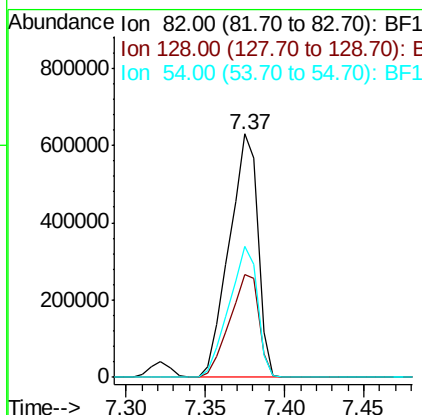
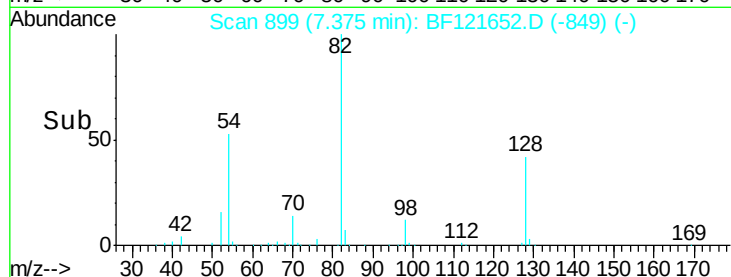
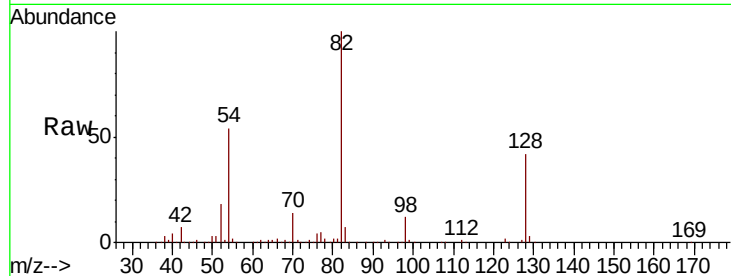
#23
Nitrobenzene-d5
Concen: 68.291 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	789752		
128	42.1		33.9	50.9
54	53.8		42.9	64.3

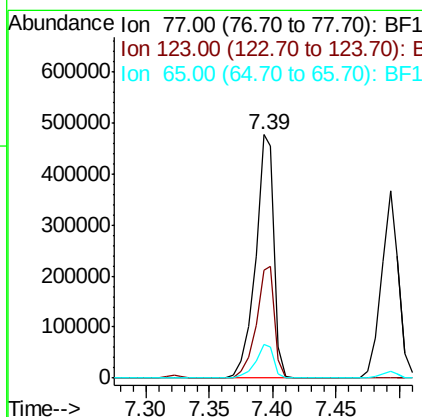
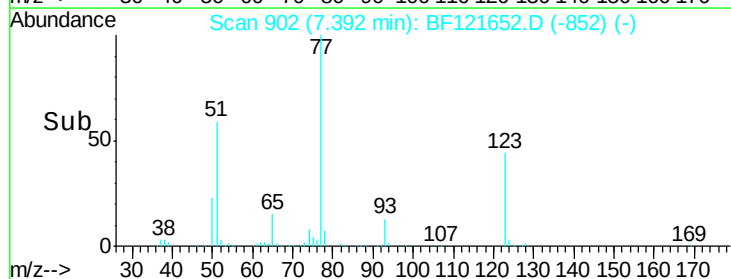
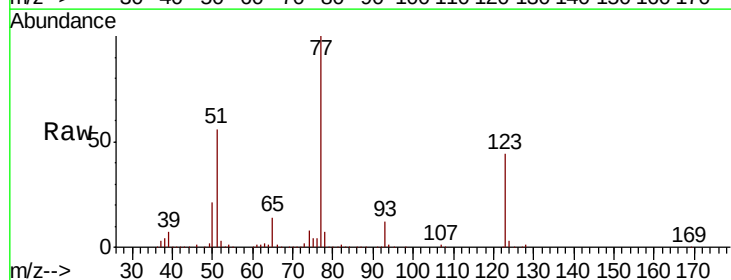
Manual Integrations
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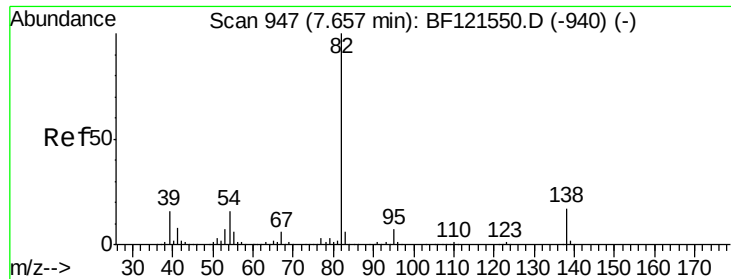
mohammad
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#24
Nitrobenzene
Concen: 38.823 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	485591		
123	44.2		35.8	53.8
65	14.0		11.2	16.8





#25

Isophorone

Concen: 37.740 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

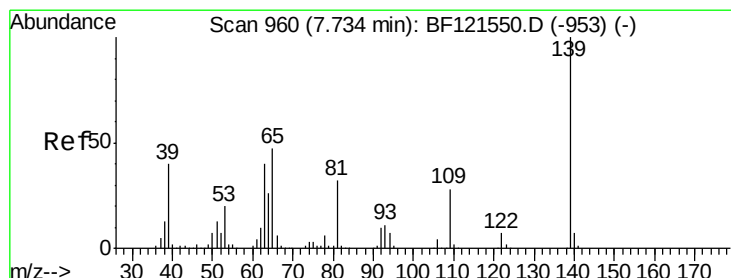
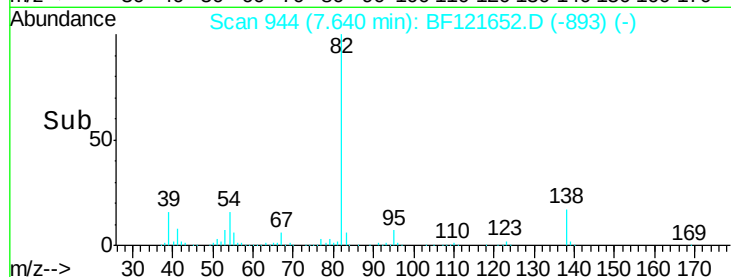
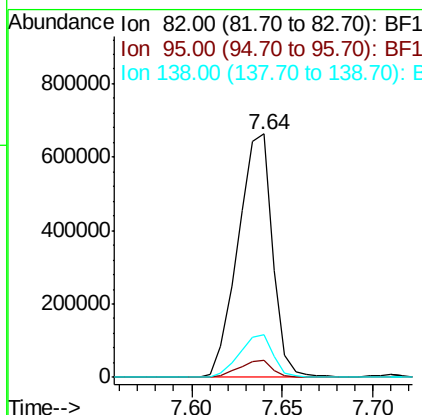
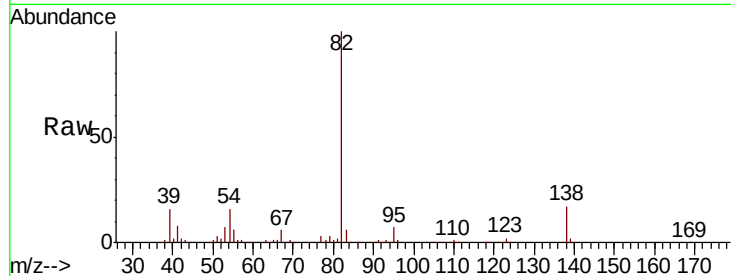
ClientSampleId :

PAV-B29-092120-10-17MSD

Tot Ion:	82	Resp:	878564
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	17.3	13.2	19.8

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#26

2-Nitrophenol

Concen: 40.865 ng

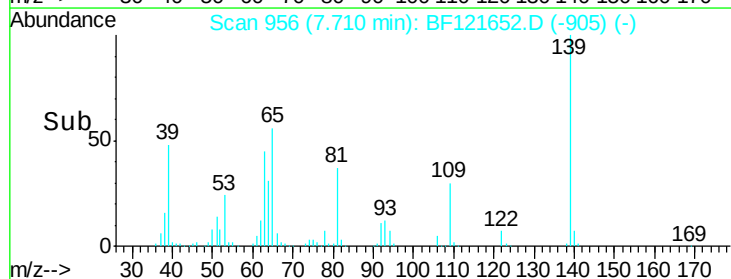
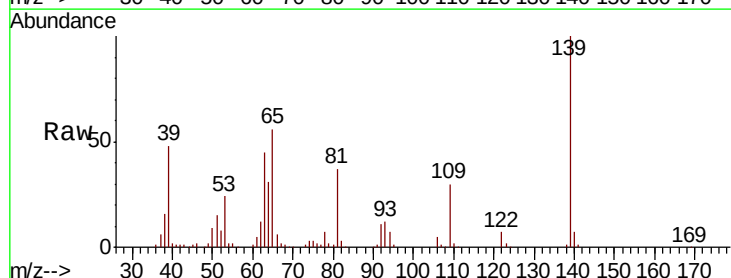
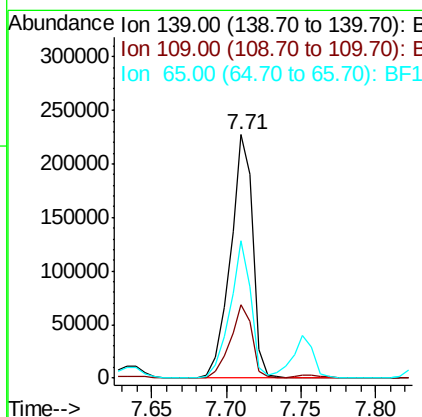
RT: 7.71 min Scan# 956

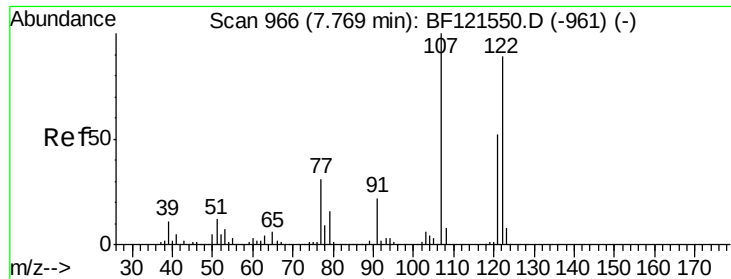
Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Tgt Ion:	139	Resp:	238257
Ion Ratio	Lower	Upper	
139	100		
109	30.1	23.4	35.2
65	56.4	41.0	61.4





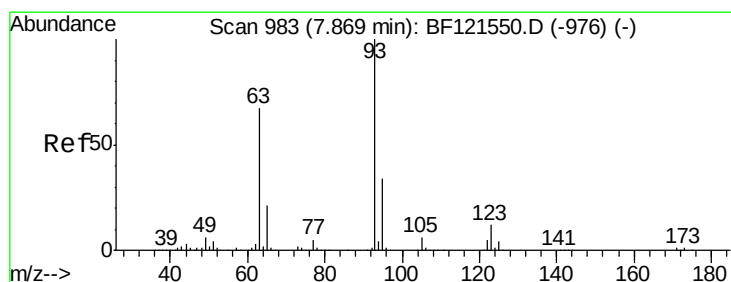
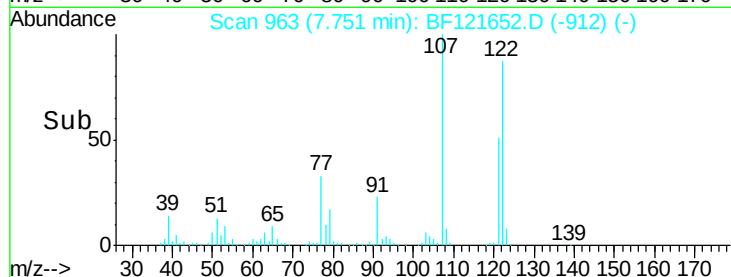
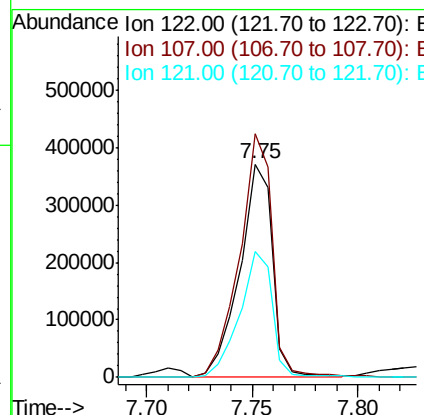
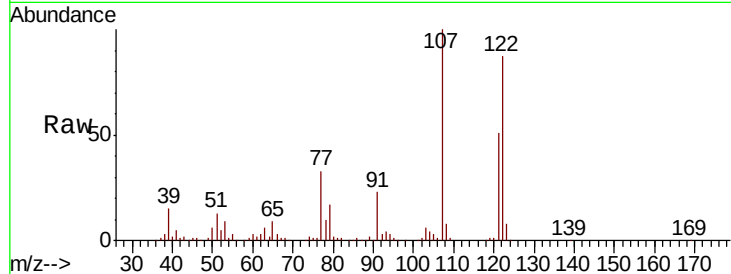
#27
 2,4-Dimethylphenol
 Concen: 38.394 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	398971		
107	114.3		91.4	137.0
121	58.8		46.2	69.2

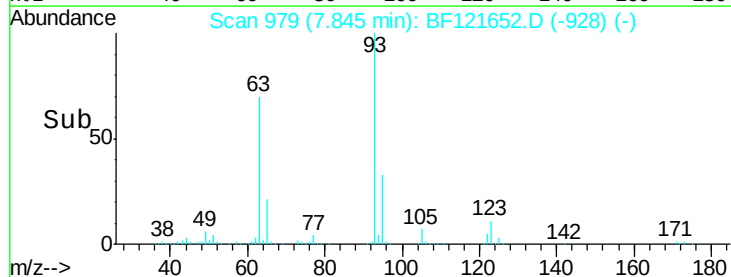
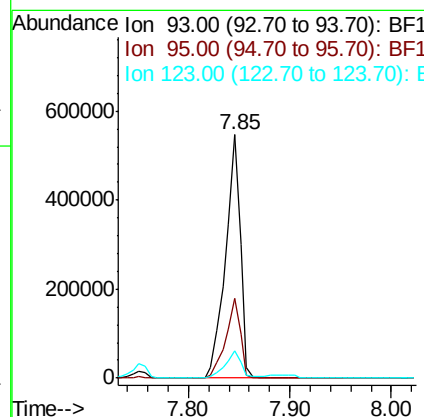
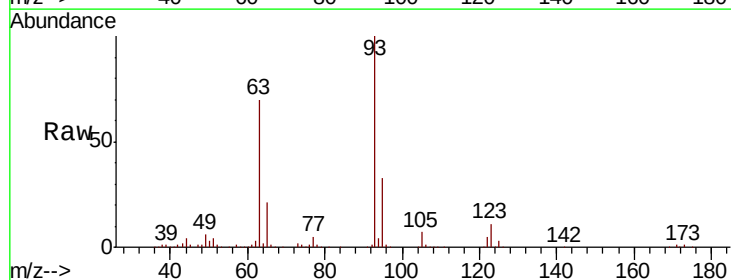
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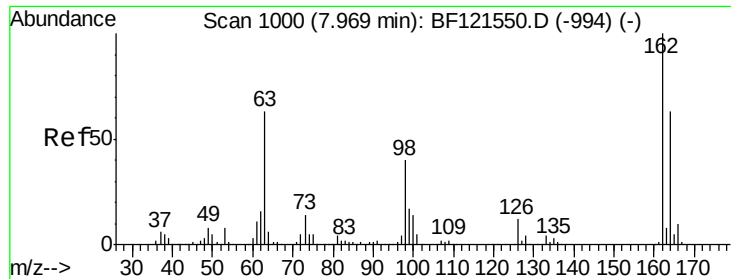
mohammad
 9/23/2020 10:43:29 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.604 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	556352		
95	32.5		26.3	39.5
123	11.0		9.3	13.9





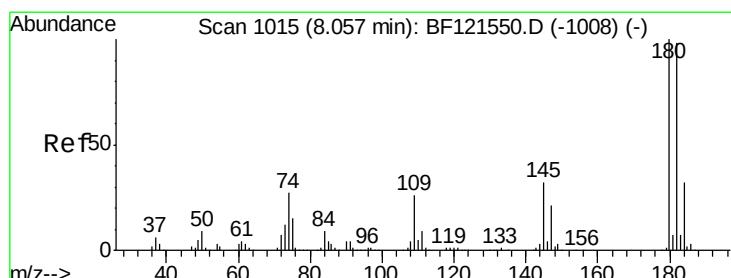
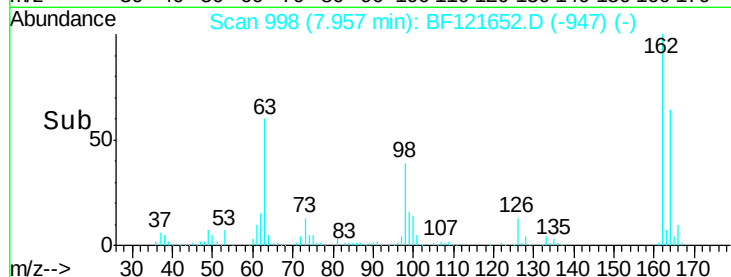
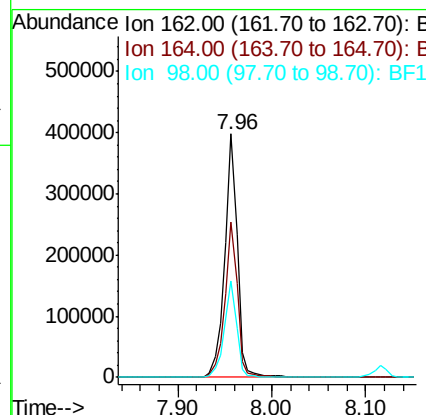
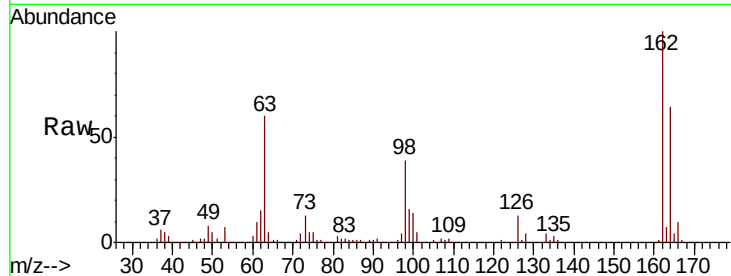
#29
2,4-Dichlorophenol
Concen: 39.663 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		375397		
164	63.8	44.1	84.1		
98	39.4	16.7	56.7		

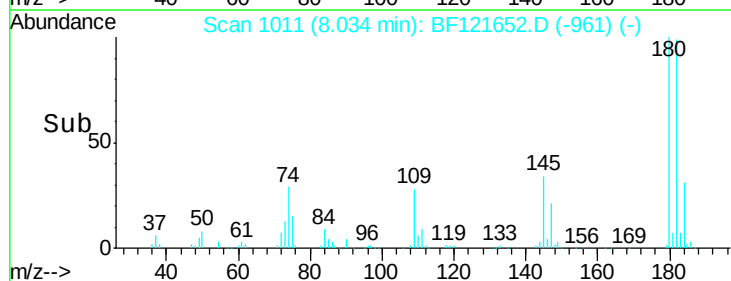
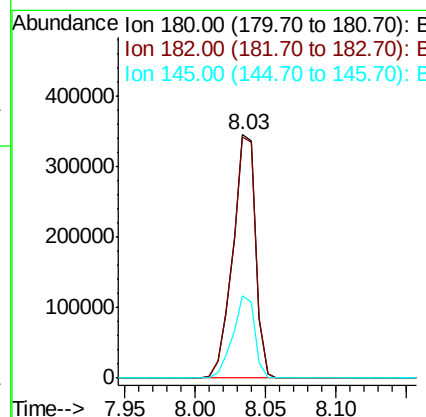
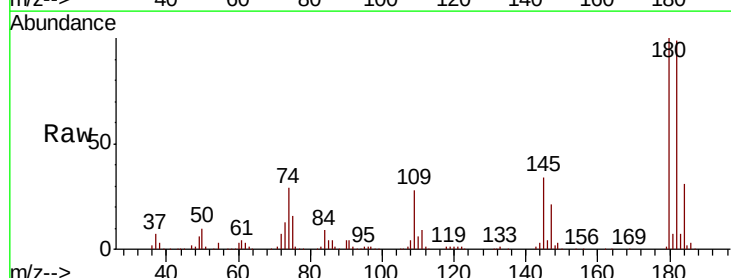
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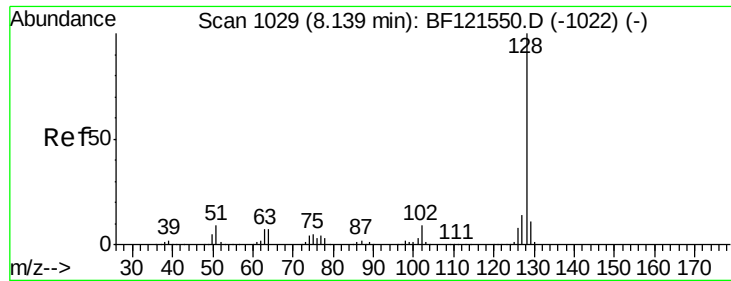
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.731 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		386068		
182	99.2	78.6	117.8		
145	33.6	26.2	39.2		





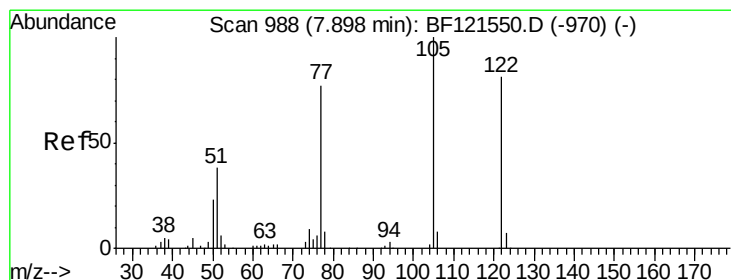
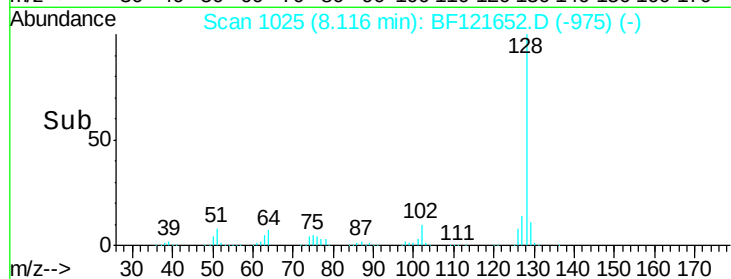
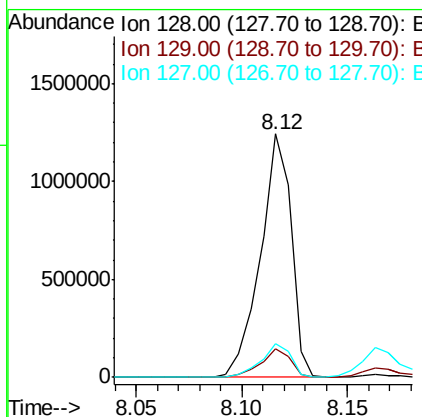
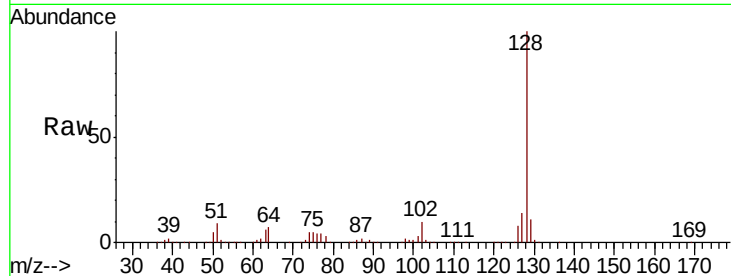
#31
Naphthalene
Concen: 38.563 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.7	10.8	16.2

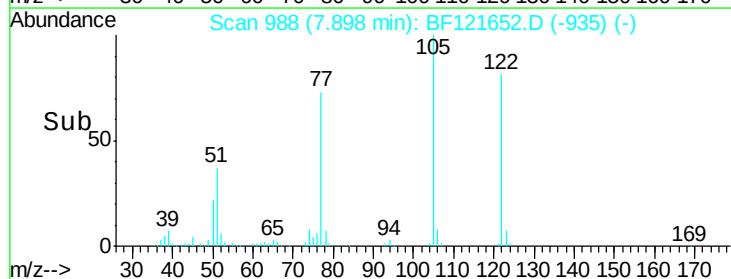
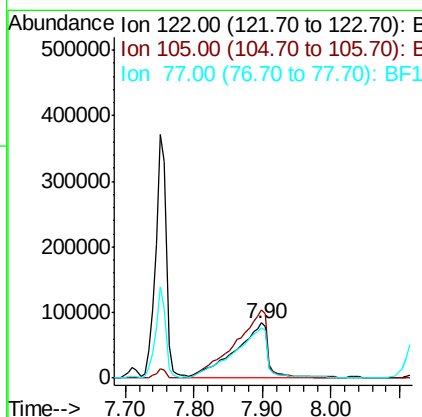
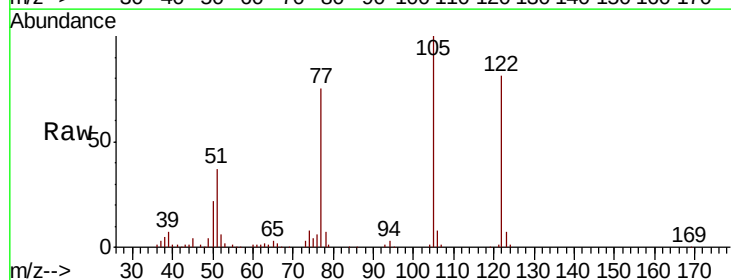
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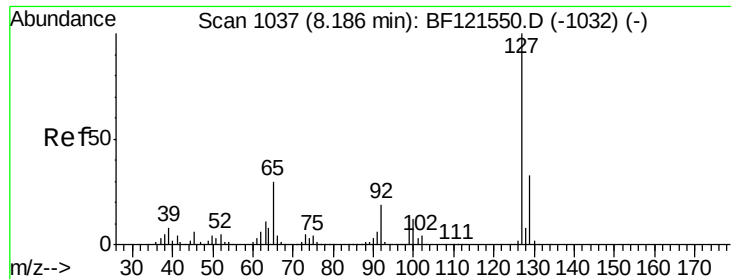
mohammad
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#32
Benzoic acid
Concen: 37.498 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.0	101.9	141.9
77	92.8	69.0	109.0





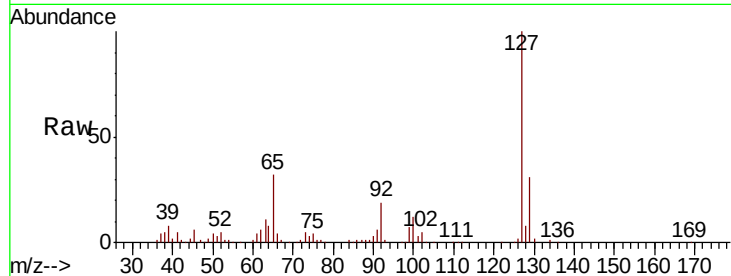
#33
4-Chloroaniline
Concen: 15.132 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	25.8	38.8		
65	31.8	26.3	39.5		
92	18.9	16.2	24.4		

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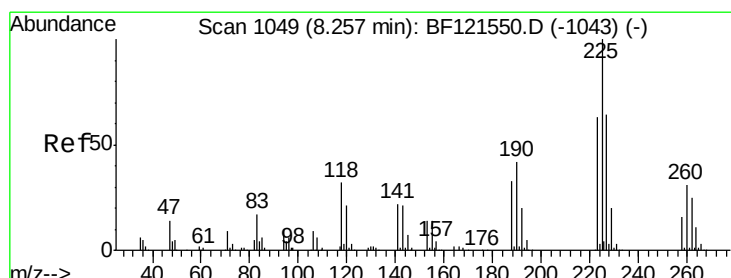
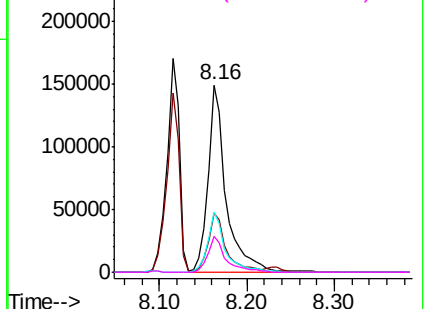
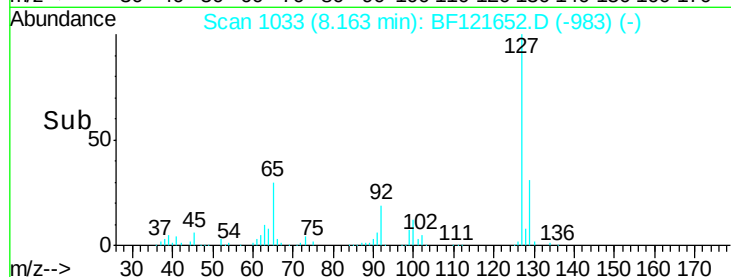
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

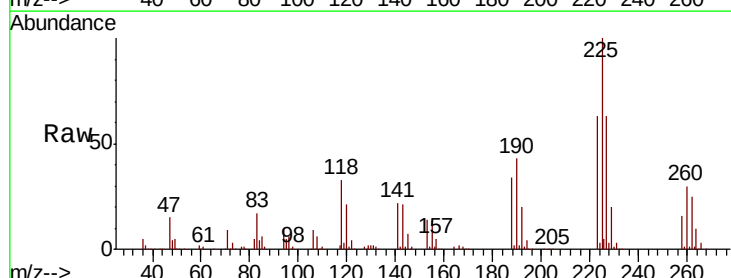
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.862 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	51.4	77.2		
227	63.5	51.7	77.5		

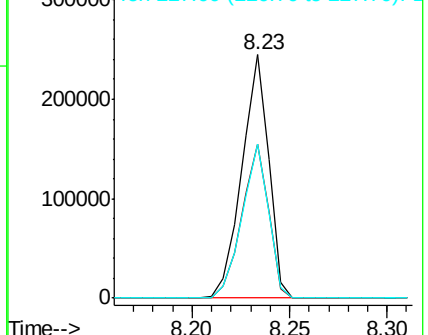
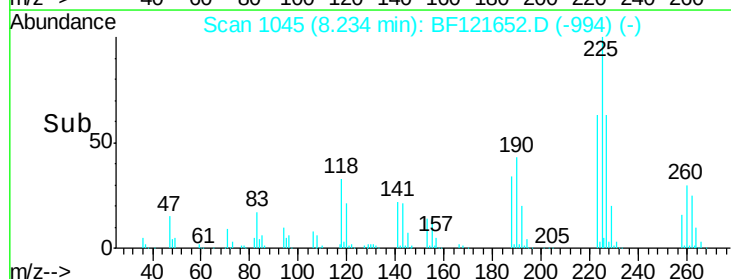


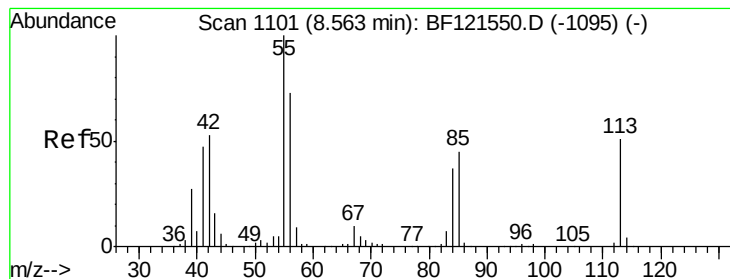
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.126 ng/mL

RT: 8.55 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

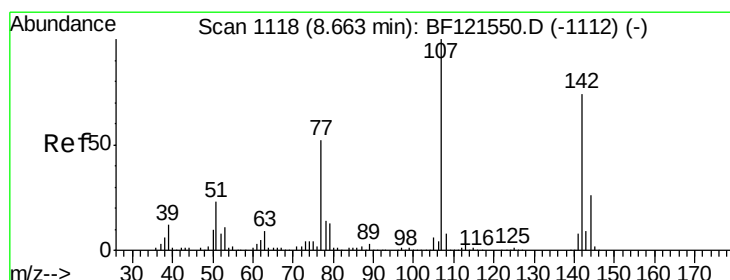
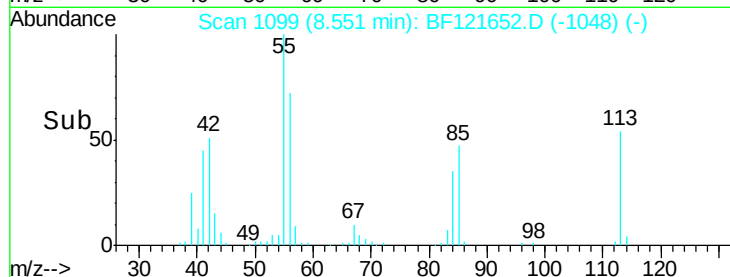
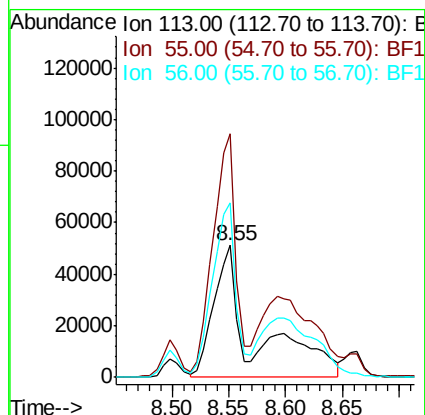
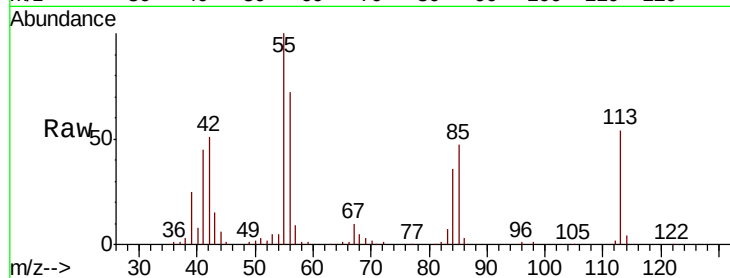
ClientSampleId :

PAV-B29-092120-10-17MSD

Tot Ion:	113	Resp:	126471
Ion Ratio	Lower	Upper	
113	100		
55	184.5	166.3	206.3
56	132.6	118.7	158.7

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#36

4-Chloro-3-methylphenol

Concen: 41.014 ng/mL

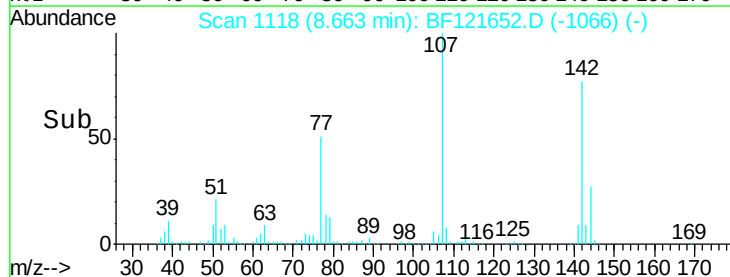
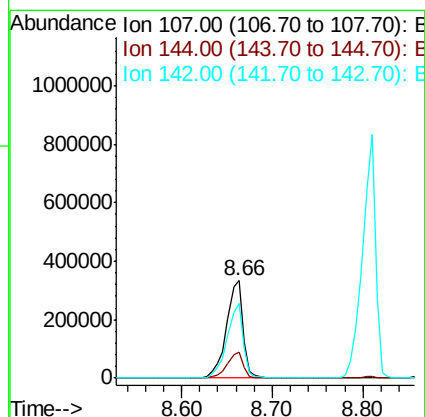
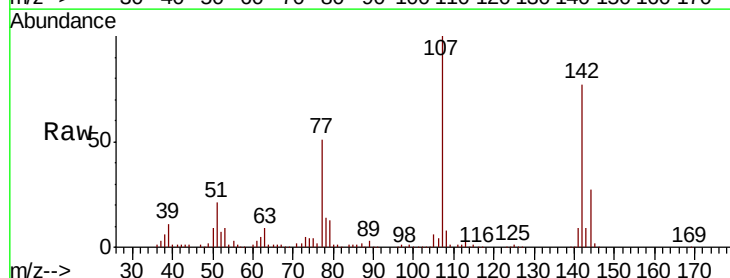
RT: 8.66 min Scan# 1118

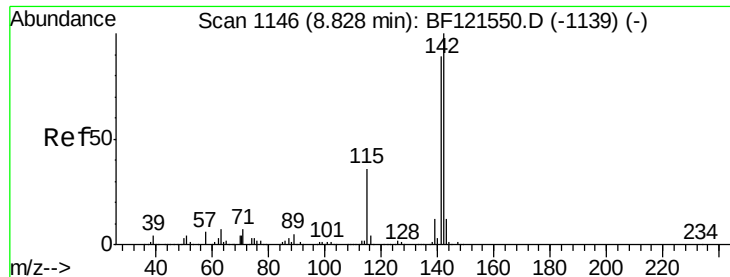
Delta R.T. 0.01 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Tgt Ion:	107	Resp:	418171
Ion Ratio	Lower	Upper	
107	100		
144	26.8	20.6	31.0
142	76.7	61.7	92.5





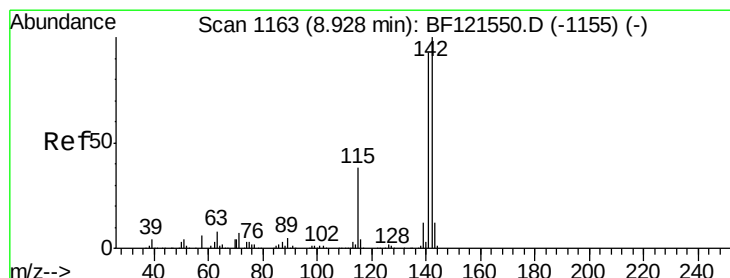
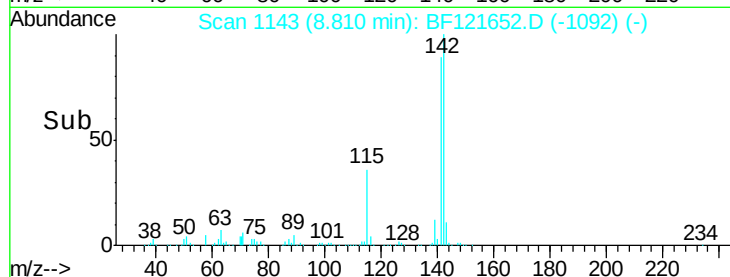
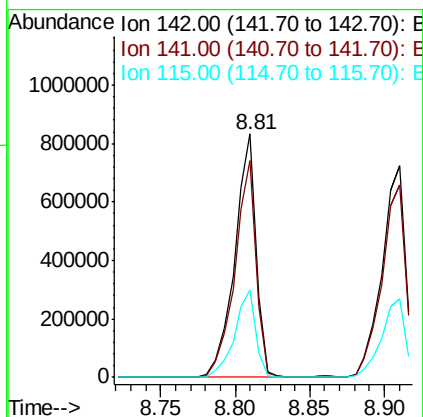
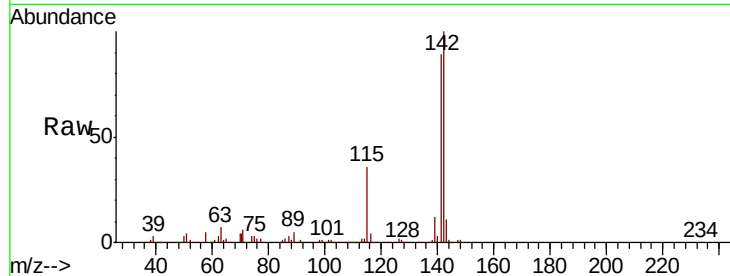
#37
2-Methylnaphthalene
Concen: 38.825 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.2	108.2
115	35.9	28.5	42.7

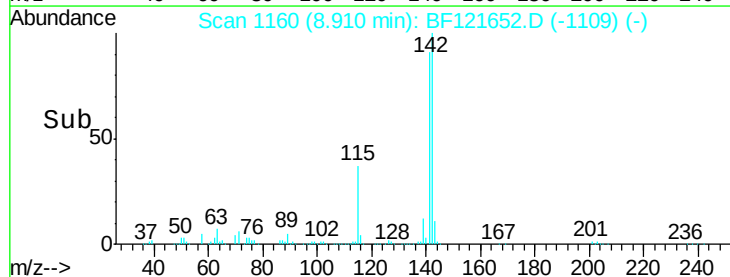
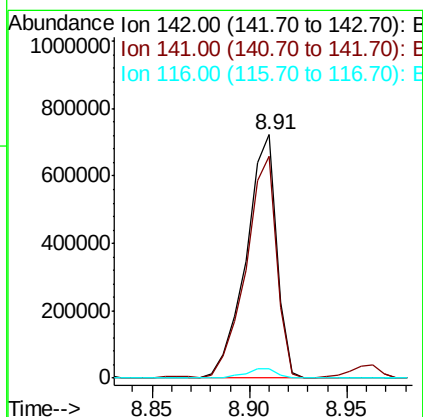
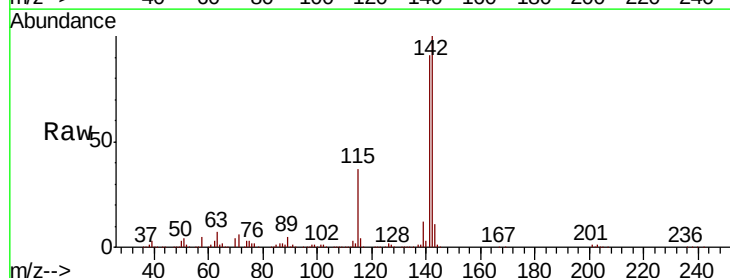
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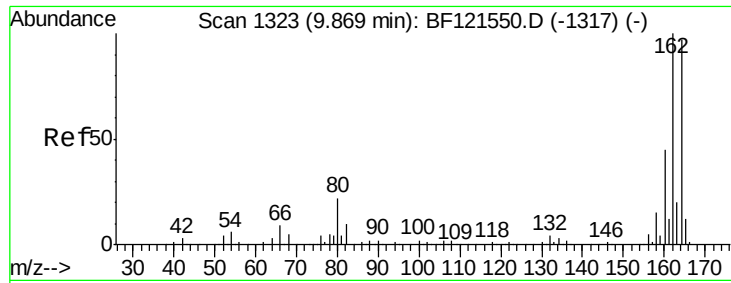
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#38
1-Methylnaphthalene
Concen: 39.121 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.8	110.8
116	3.7	3.3	4.9





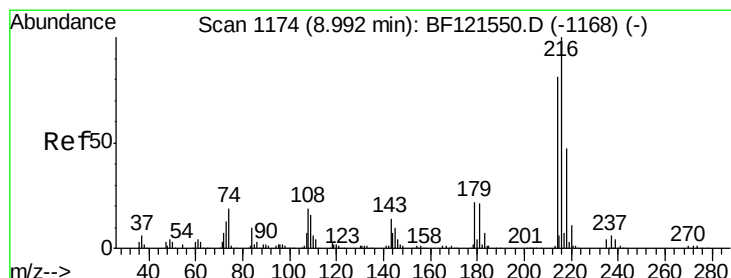
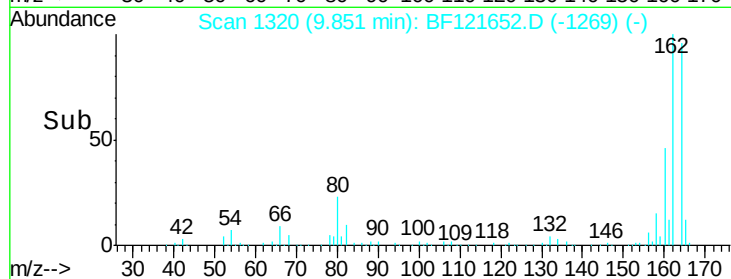
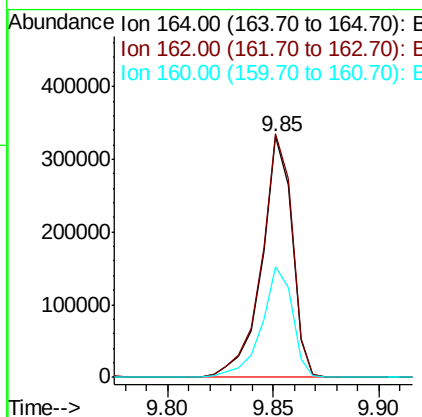
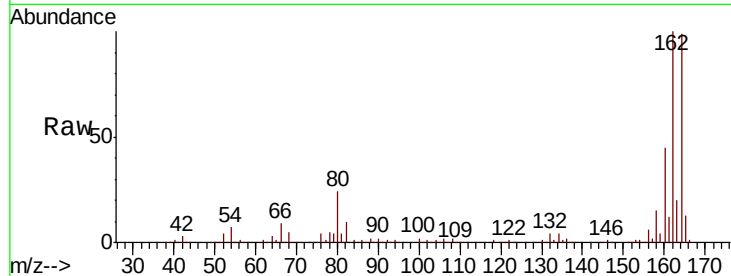
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	81.2	121.8	
160	46.0	36.2	54.4	

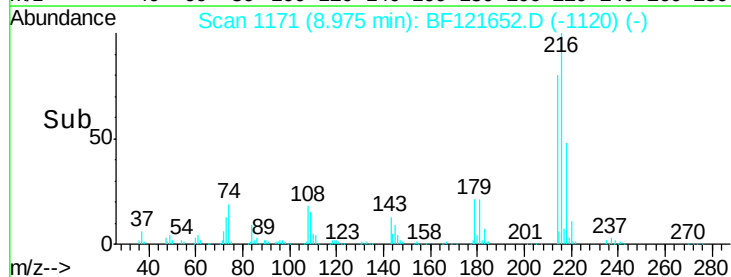
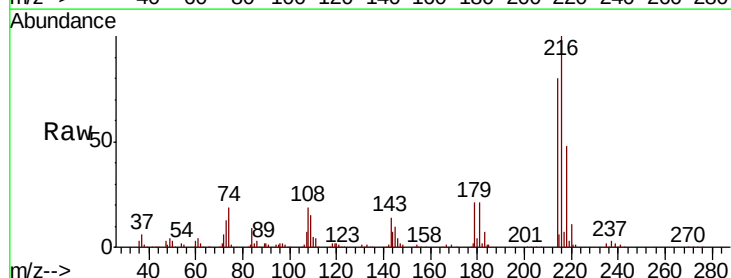
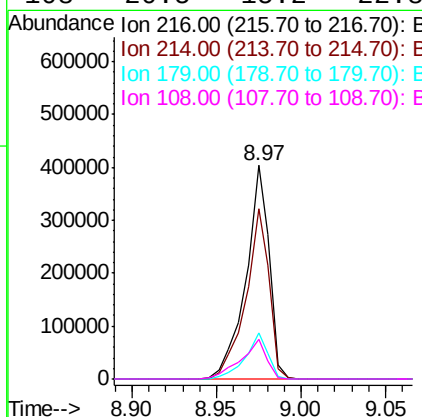
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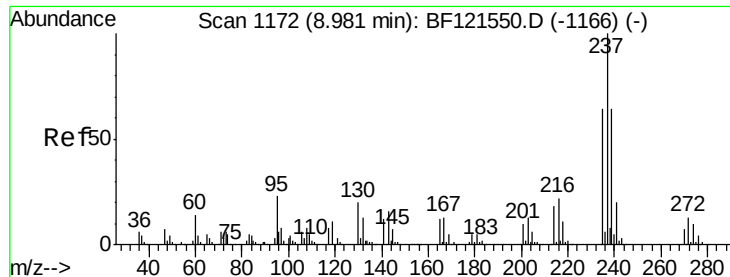
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.866 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.0	94.4	
179	20.7	16.6	24.8	
108	20.5	15.2	22.8	





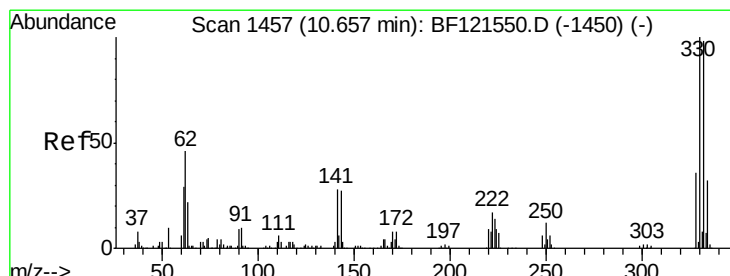
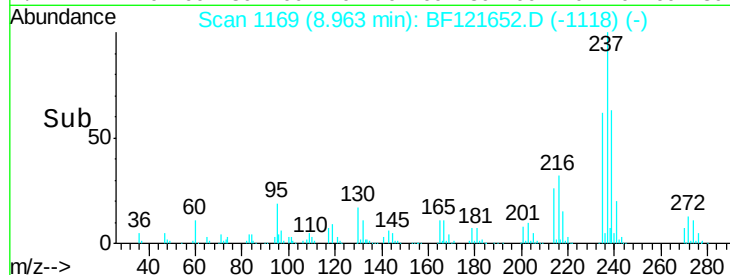
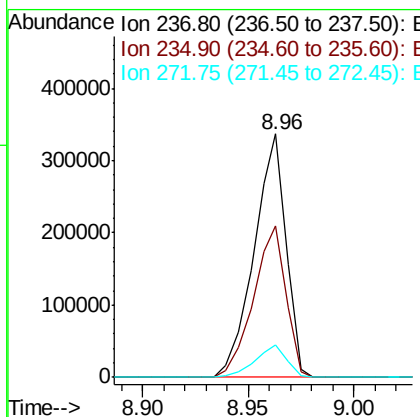
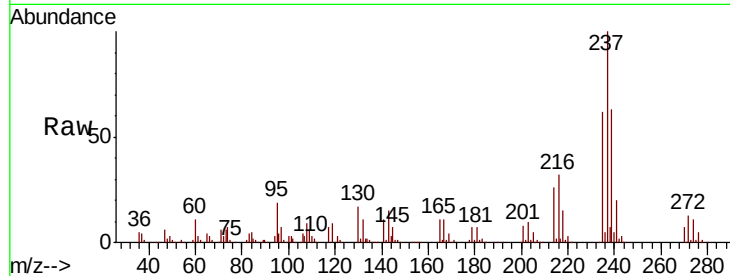
#41
Hexachlorocyclopentadiene
Concen: 60.109 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.1	43.4	83.4
272	13.4	0.0	34.1

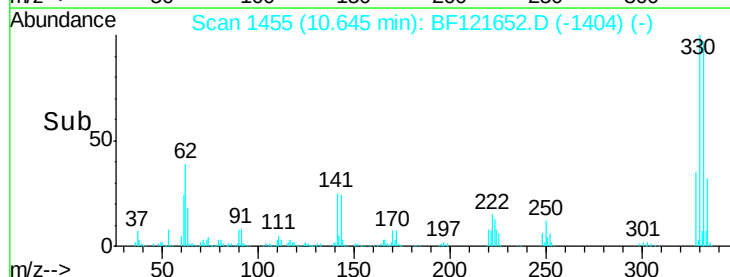
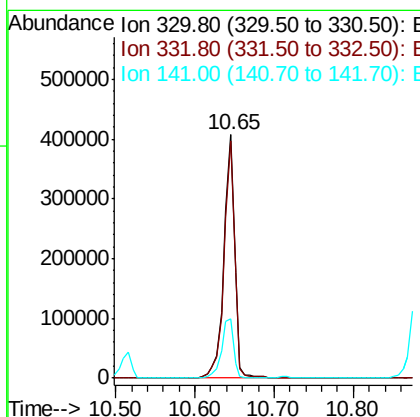
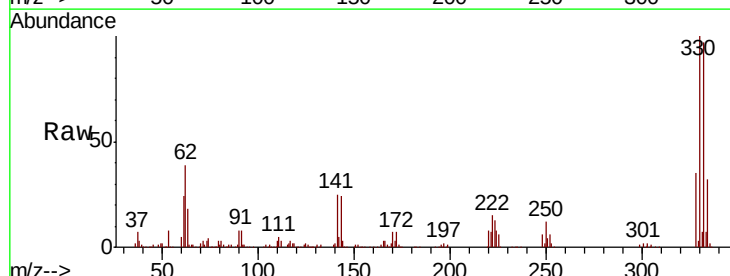
Manual Integrations
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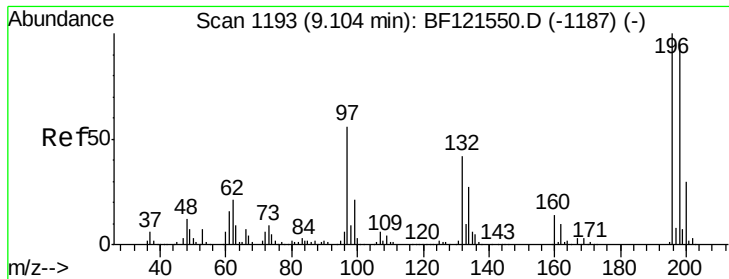
mohammad
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#42
2,4,6-Tribromophenol
Concen: 93.893 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	76.9	115.3
141	27.9	22.4	33.6





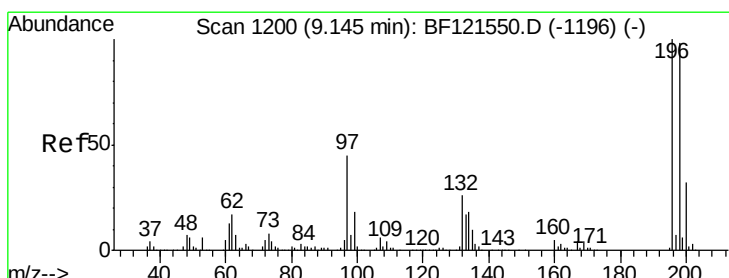
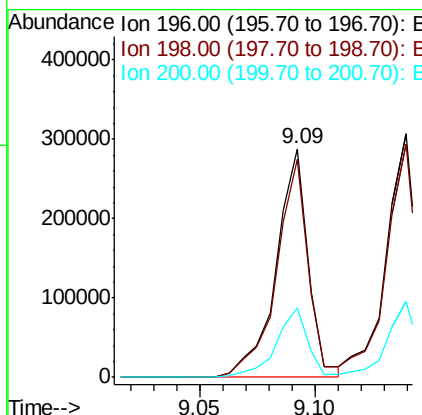
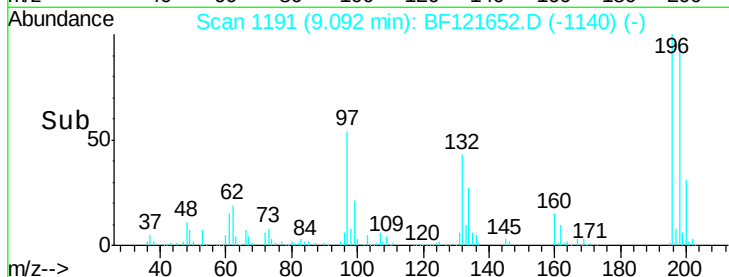
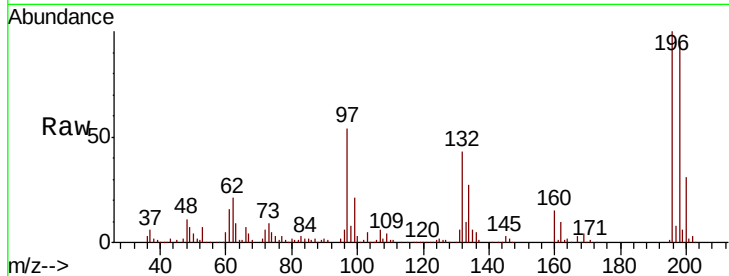
#43
 2,4,6-Trichlorophenol
 Concen: 39.387 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

Tot Ion:	196	Resp:	276886
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.4	113.2
200	30.7	24.5	36.7

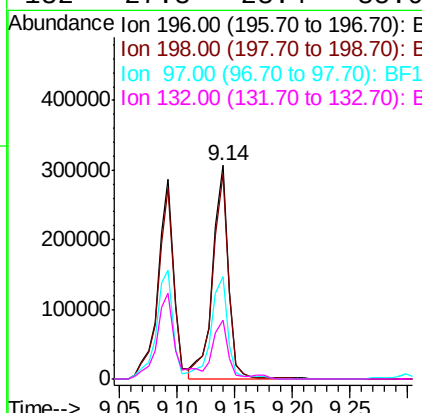
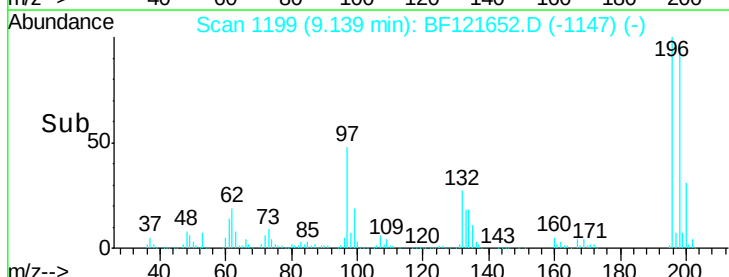
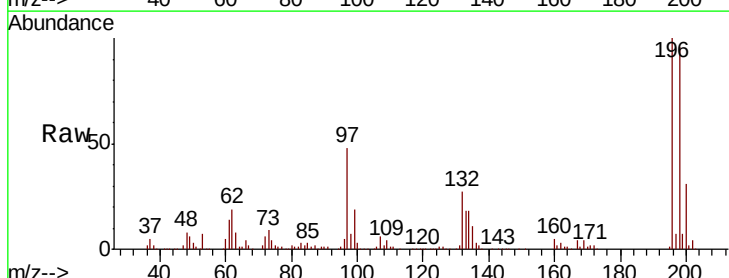
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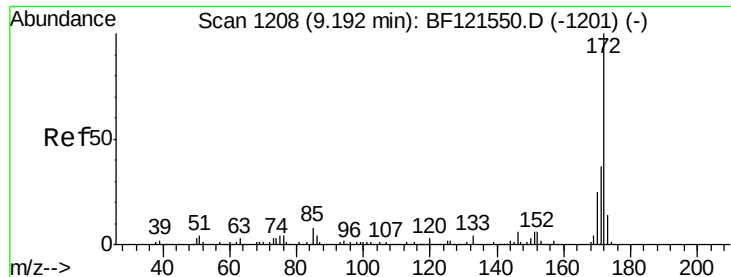
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.224 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion:	196	Resp:	291496
Ion Ratio	Lower	Upper	
196	100		
198	96.0	74.3	111.5
97	47.9	44.2	66.2
132	27.3	23.4	35.0





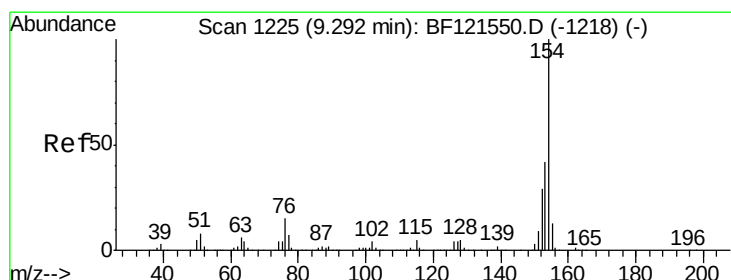
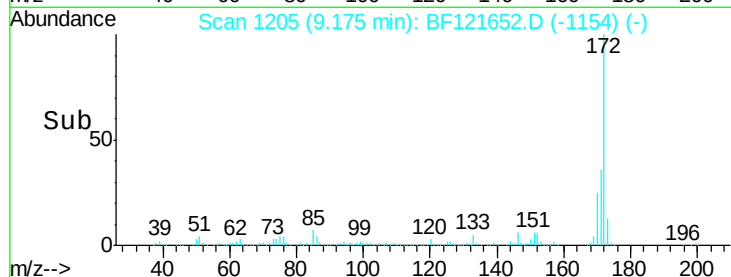
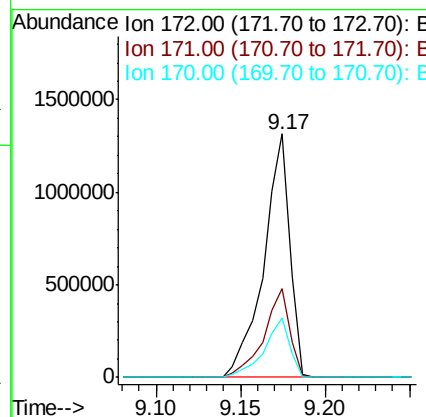
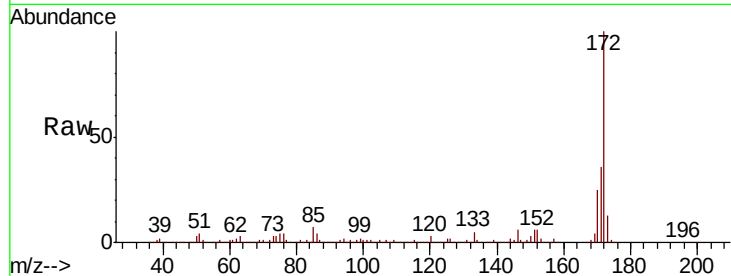
#45
2-Fluorobiphenyl
Concen: 64.365 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.5	29.3	43.9	
170	24.6	19.5	29.3	

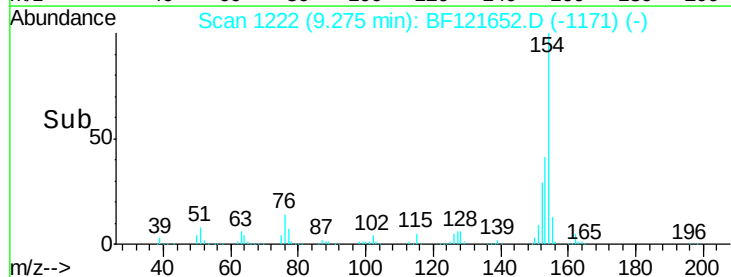
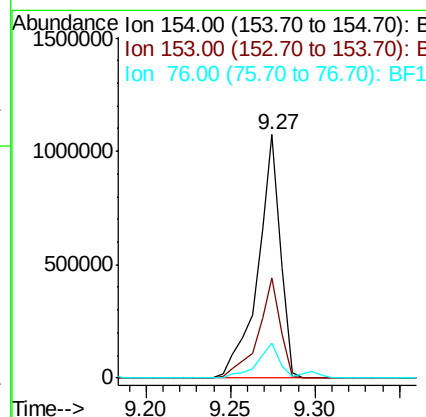
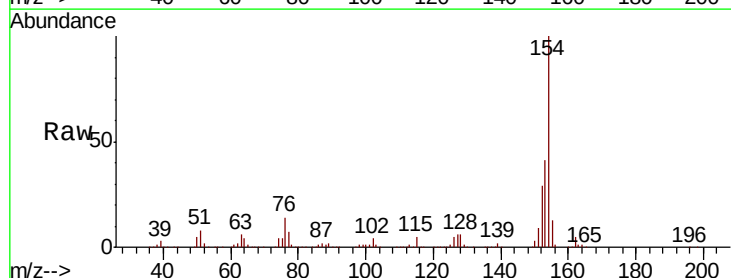
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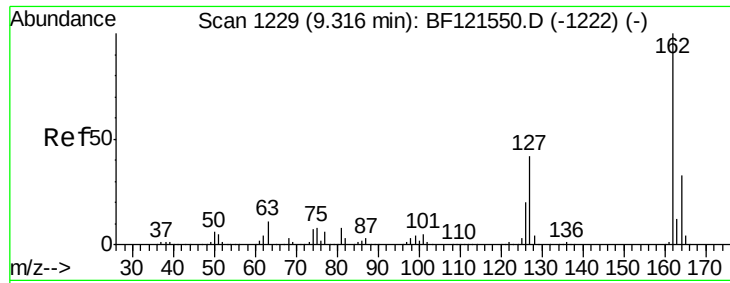
mohammad
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#46
1,1'-Biphenyl
Concen: 37.829 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.4	21.1	61.1	
76	14.2	0.0	34.1	





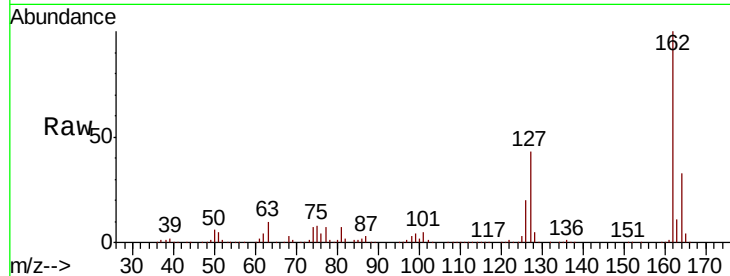
#47
2-Chloronaphthalene
Concen: 37.584 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

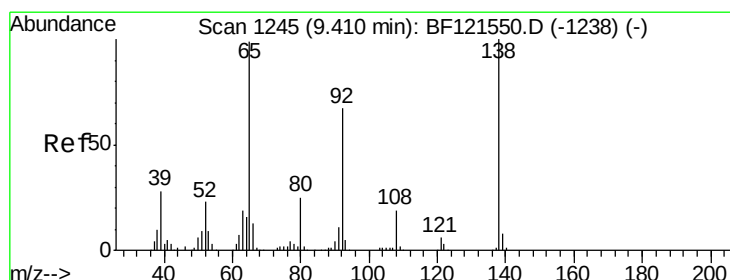
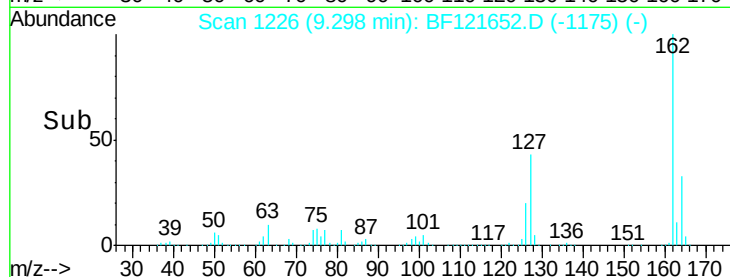
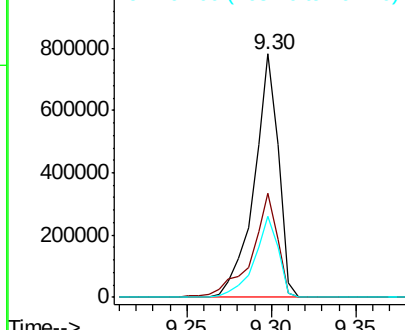
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	42.7	34.2	51.4		
164	33.5	27.0	40.4		

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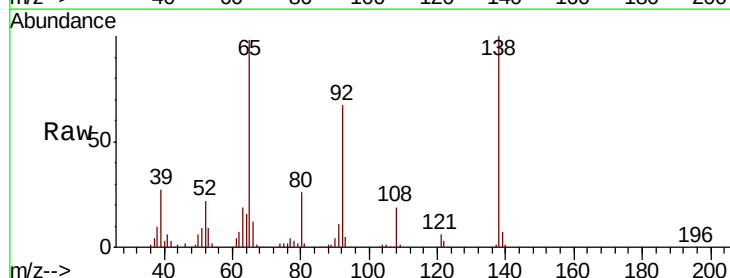


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

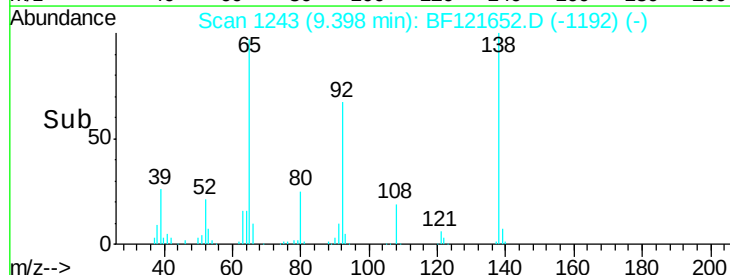
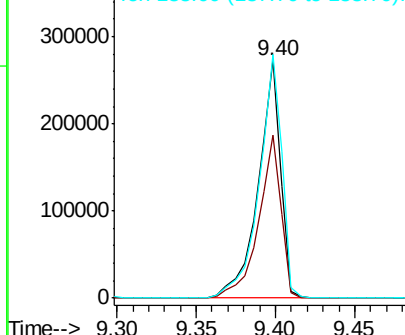


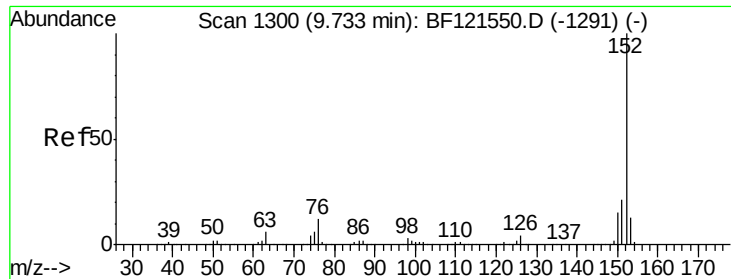
#48
2-Nitroaniline
Concen: 41.754 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	68.4	56.0	84.0		
138	102.1	84.7	127.1		



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: 38.740 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

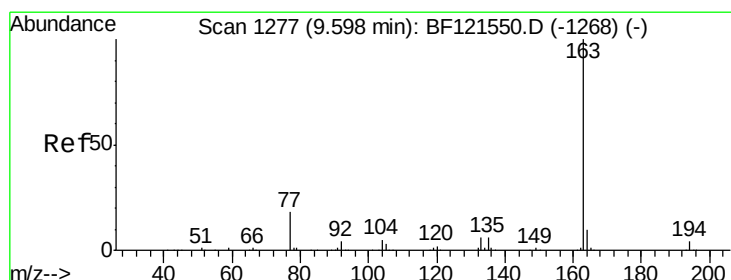
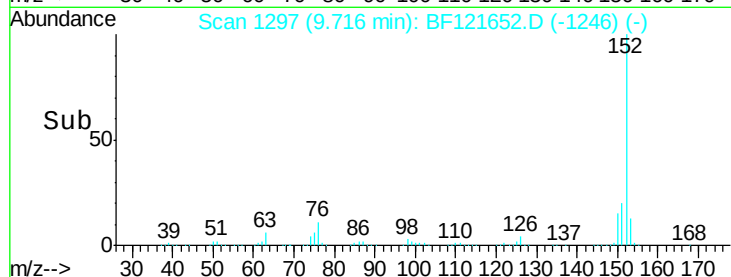
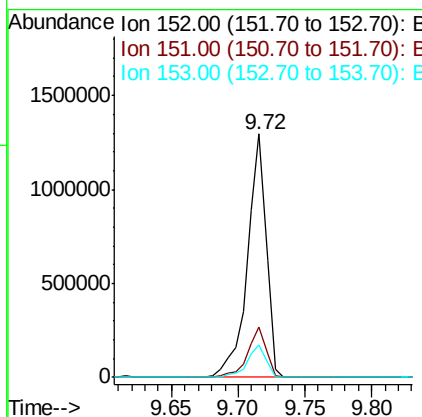
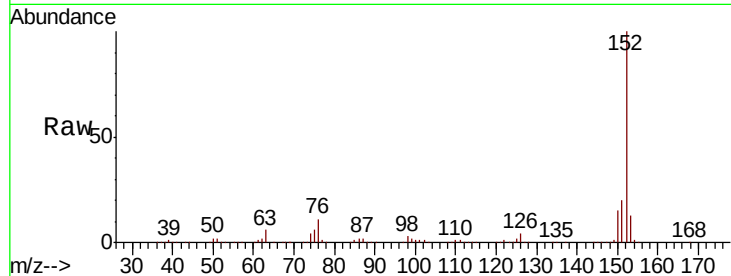
ClientSampleId :

PAV-B29-092120-10-17MSD

Tot Ion:	152	Resp:	1239841
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.4	10.7	16.1

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#50

Dimethylphthalate

Concen: 46.392 ng

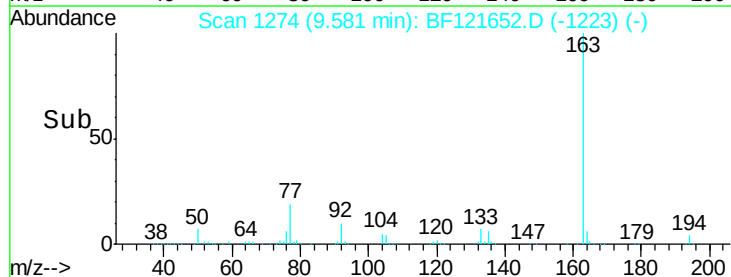
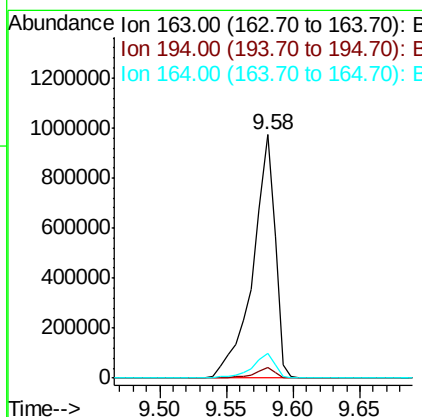
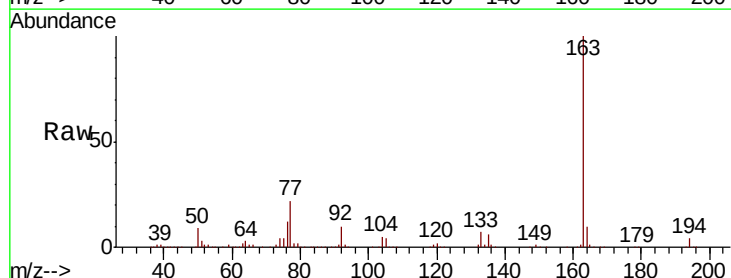
RT: 9.58 min Scan# 1274

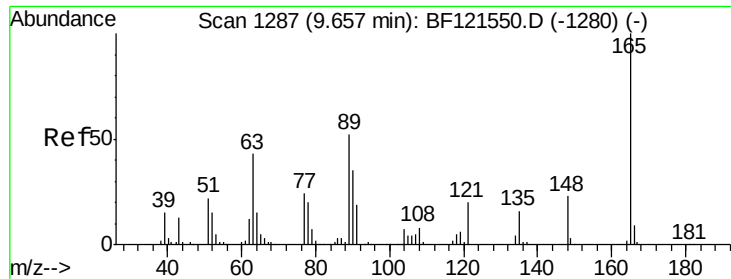
Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Tgt Ion:	163	Resp:	1110182
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.3	8.0	12.0





#51

2,6-Dinitrotoluene

Concen: 42.708 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

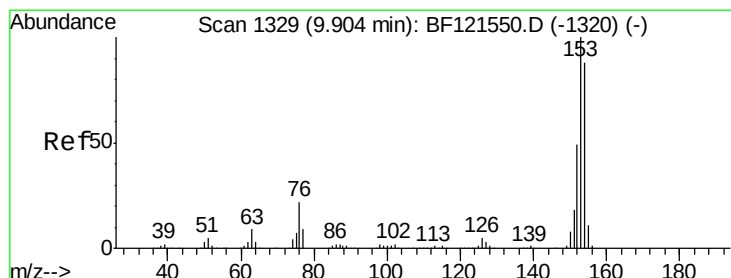
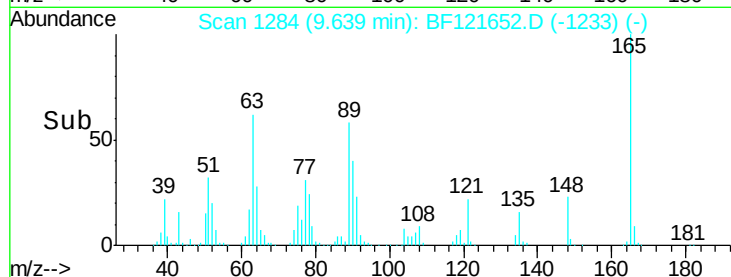
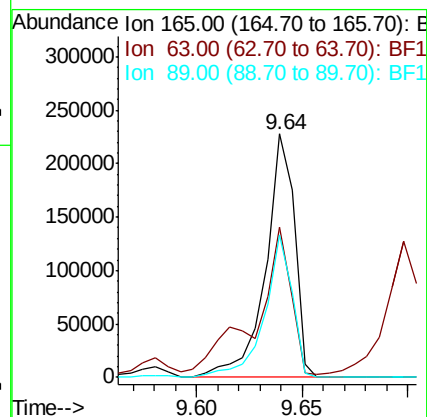
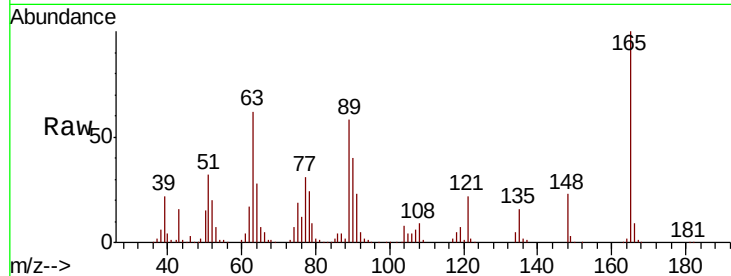
ClientSampleId :

PAV-B29-092120-10-17MSD

Tot Ion:	165	Resp:	217655
Ion Ratio	Lower	Upper	
165	100		
63	61.7	47.6	71.4
89	58.5	46.0	69.0

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#52

Acenaphthene

Concen: 36.530 ng

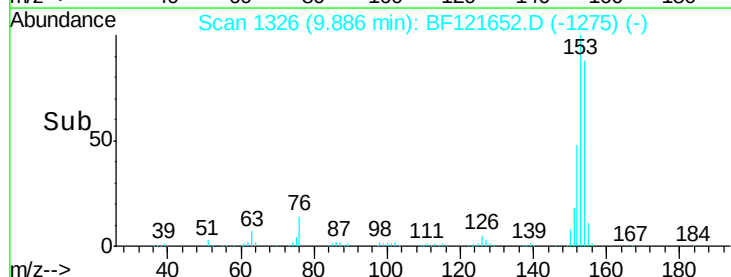
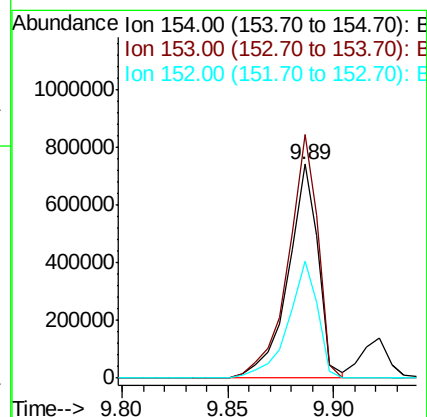
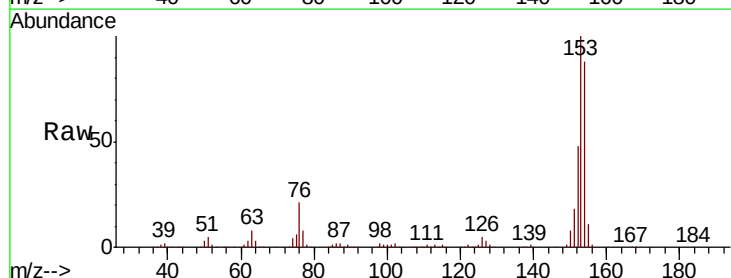
RT: 9.89 min Scan# 1326

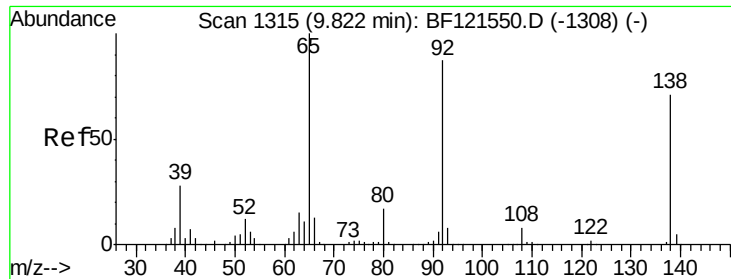
Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Tgt Ion:	154	Resp:	738410
Ion Ratio	Lower	Upper	
154	100		
153	113.8	89.9	134.9
152	54.8	43.8	65.6





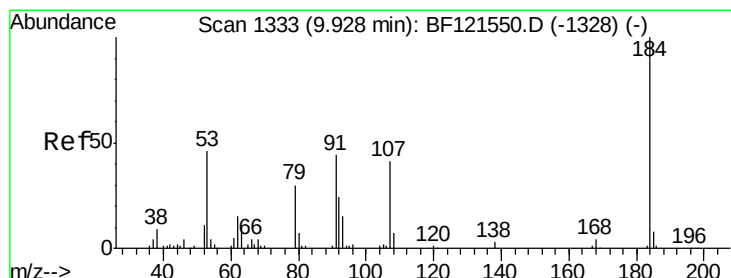
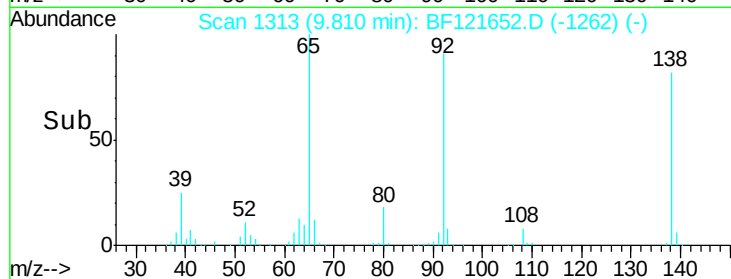
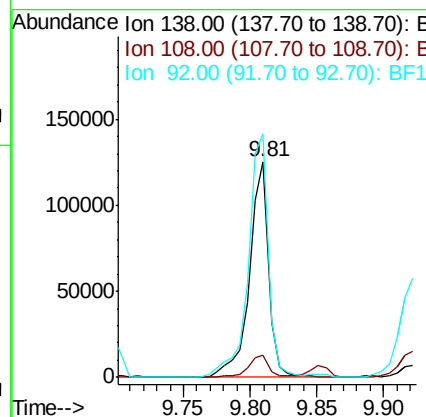
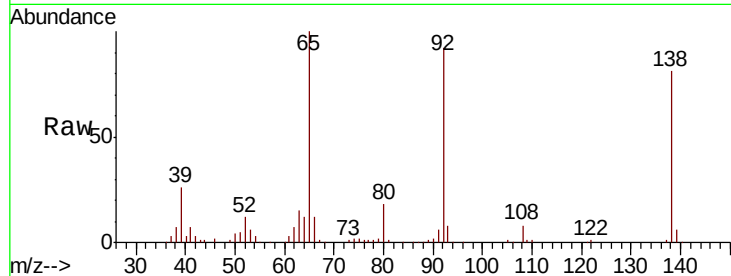
#53
3-Nitroaniline
Concen: 21.008 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.1	13.7
92	112.8	96.5	144.7

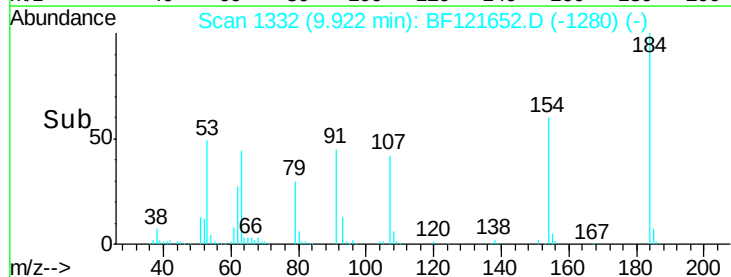
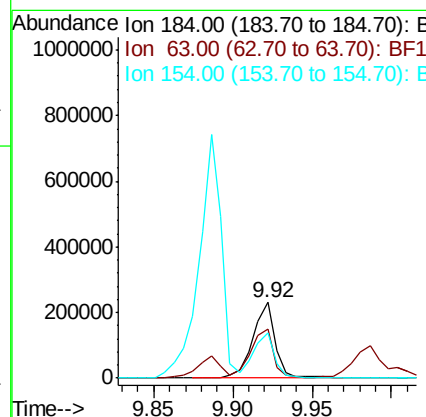
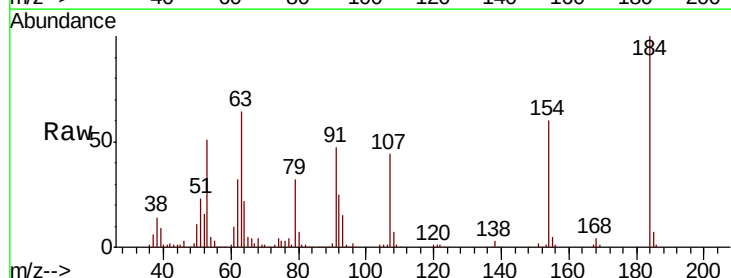
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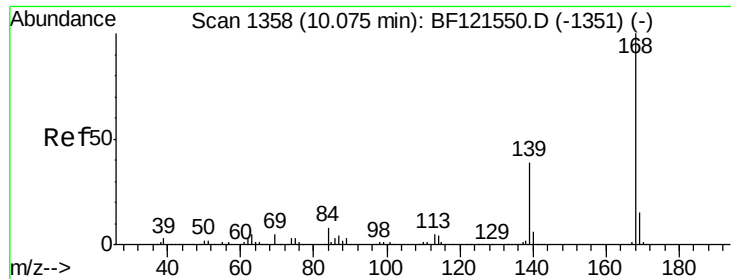
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#54
2,4-Dinitrophenol
Concen: 77.603 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.0	51.5	77.3
154	60.5	46.6	70.0





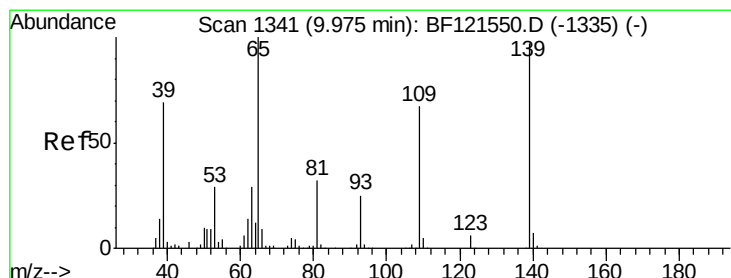
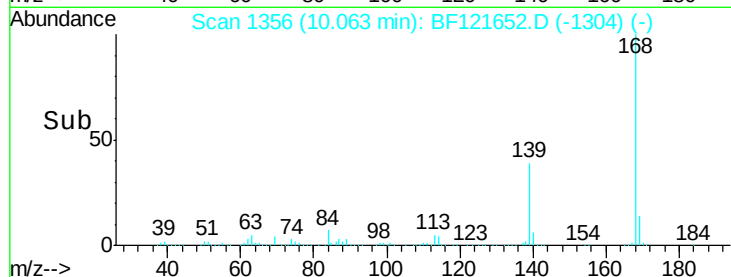
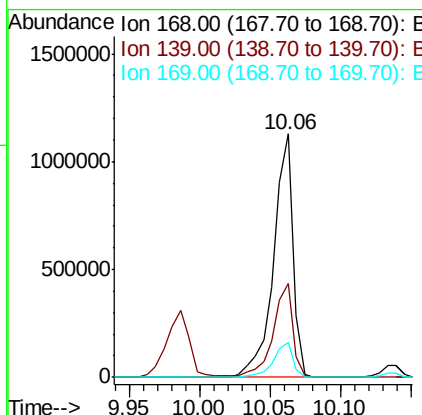
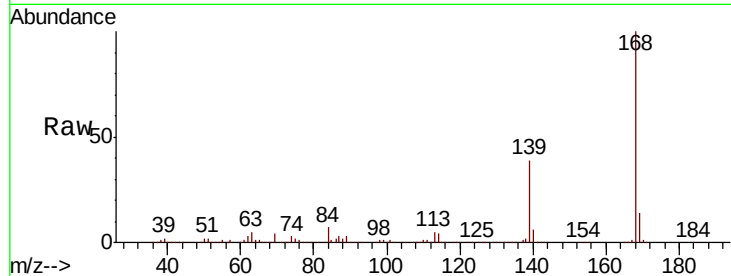
#55
Dibenzofuran
Concen: 38.345 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.8	47.8
169	14.2	11.6	17.4

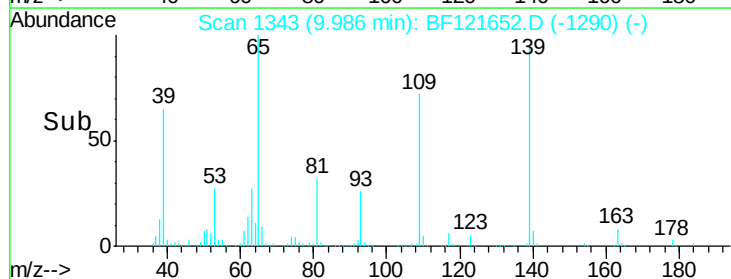
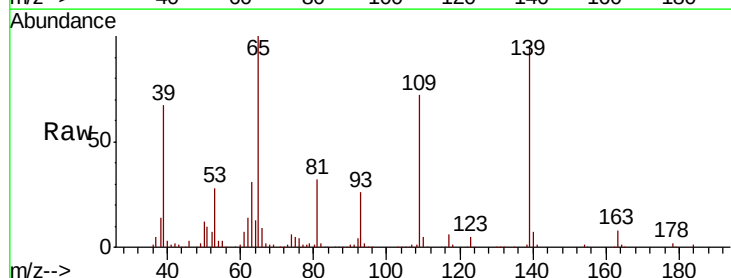
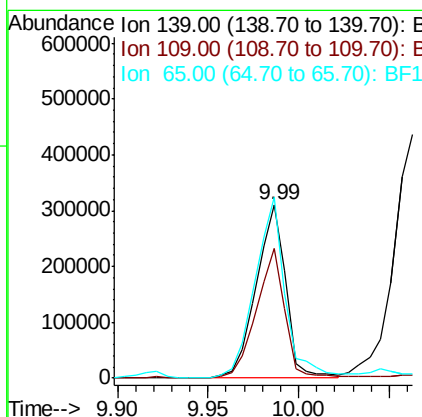
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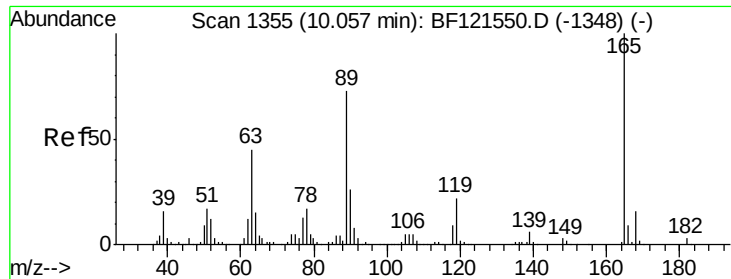
mohammad
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#56
4-Nitrophenol
Concen: 75.173 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.5	48.1	88.1
65	104.1	74.7	114.7





#57

2,4-Dinitrotoluene

Concen: 44.831 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

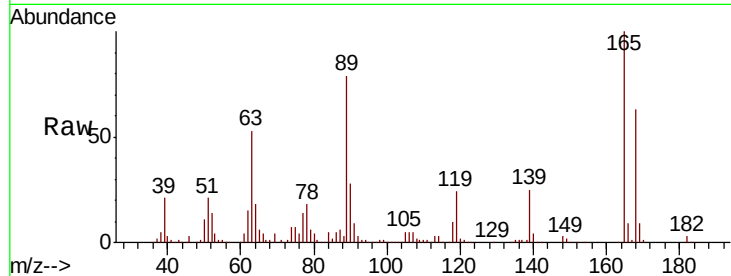
ClientSampleId :

PAV-B29-092120-10-17MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		287437		
63	53.2	36.7	55.1		
89	79.0	57.7	86.5		
182	2.8	2.1	3.1		

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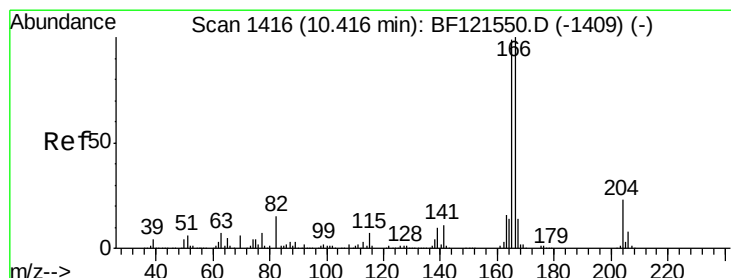
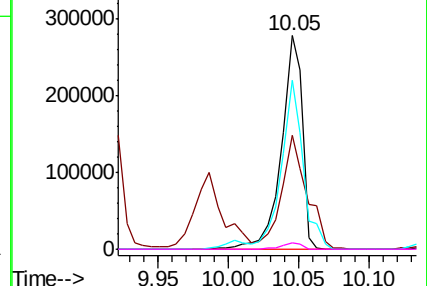
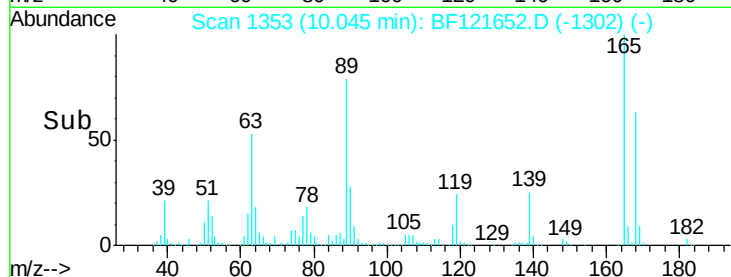


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.219 ng

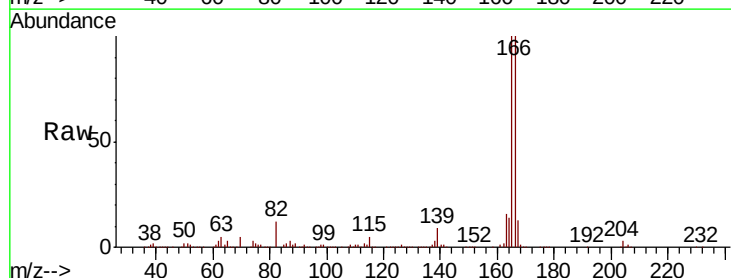
RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

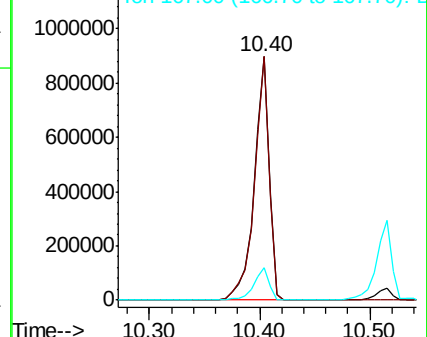
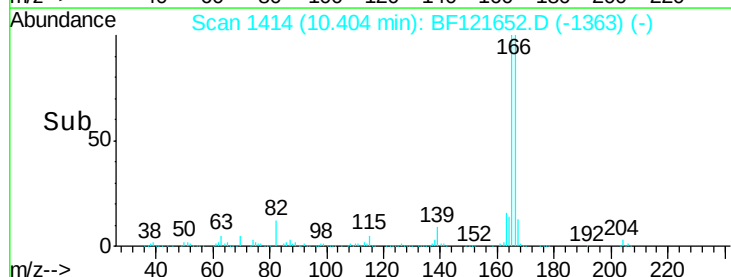
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		853777		
165	100.0	80.1	120.1		
167	13.4	10.8	16.2		

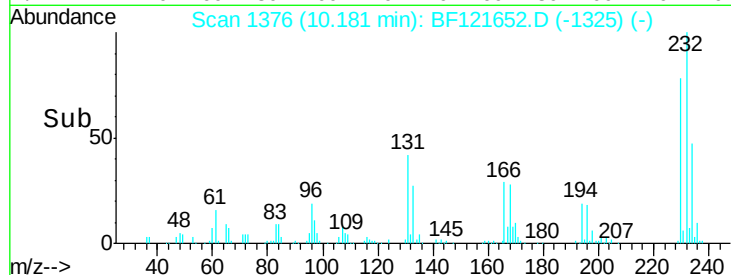
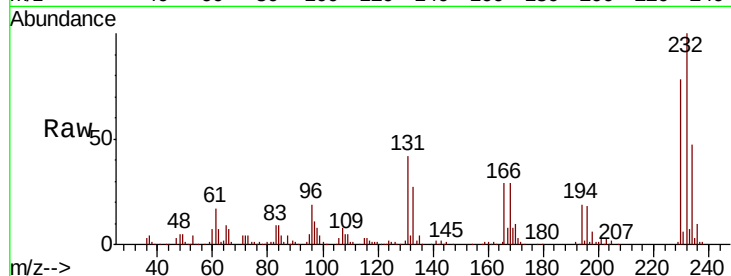
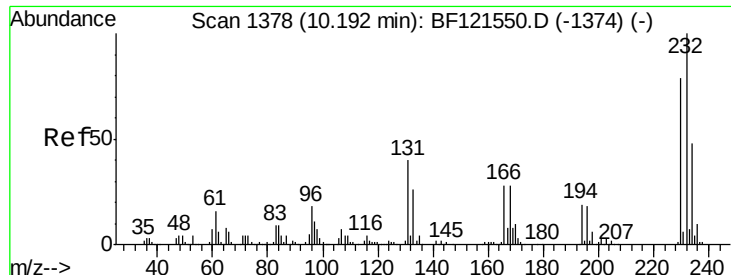


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





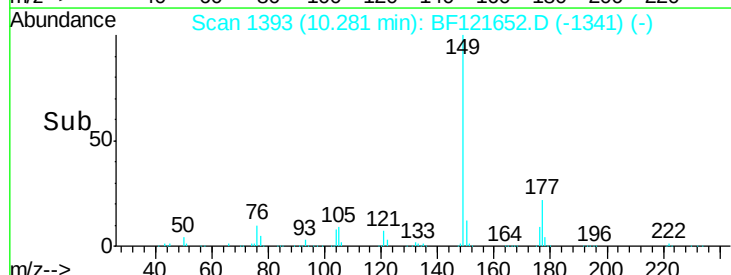
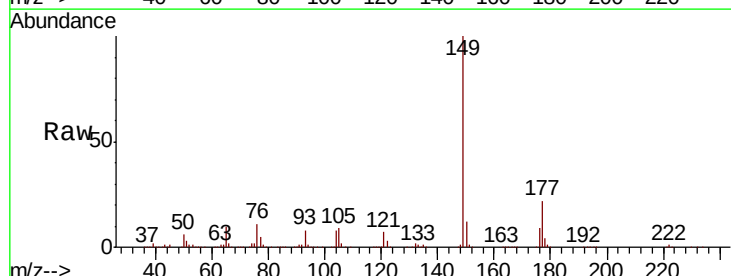
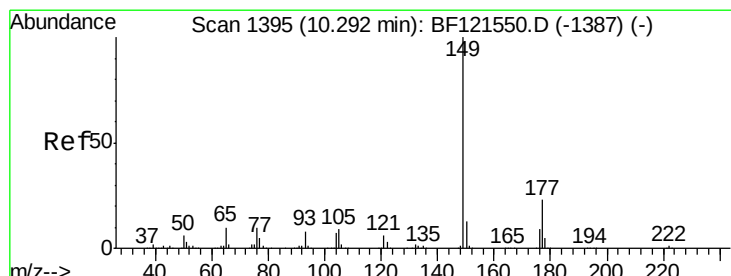
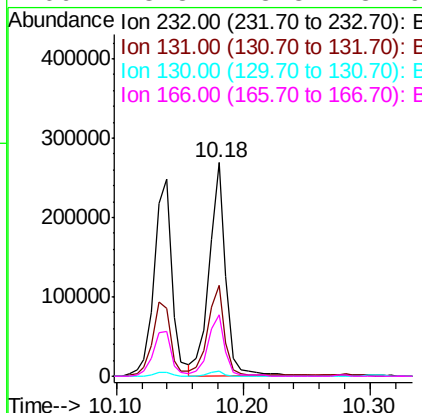
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.828 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	246671		
131	42.8		35.1	52.7
130	2.4		1.6	2.4
166	28.8		23.3	34.9

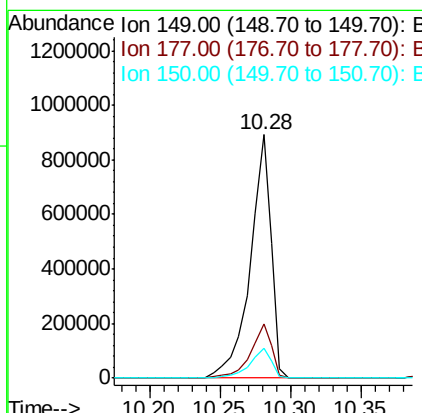
Manual Integrations
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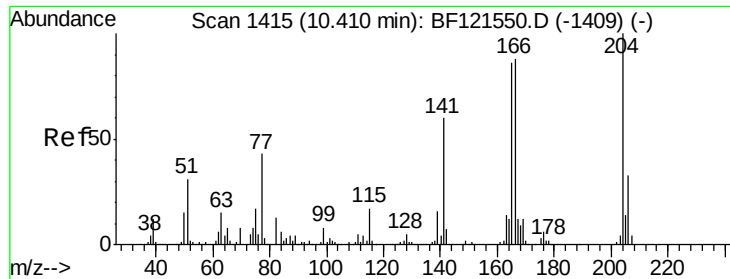
mohammad
9/23/2020 10:43:29 AM



#60
Diethylphthalate
Concen: 39.738 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	927144		
177	22.1		18.1	27.1
150	12.5		9.8	14.8





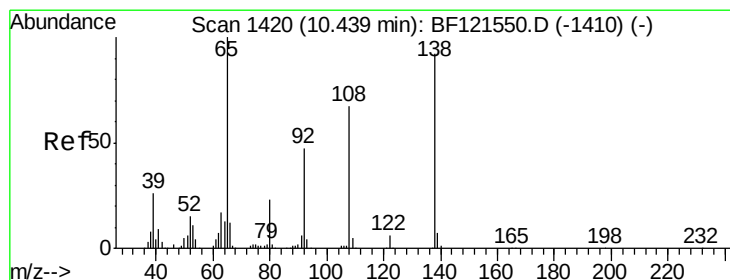
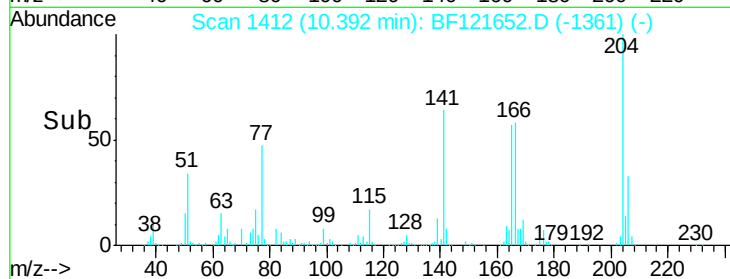
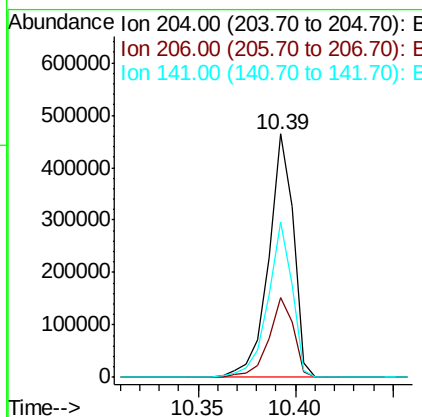
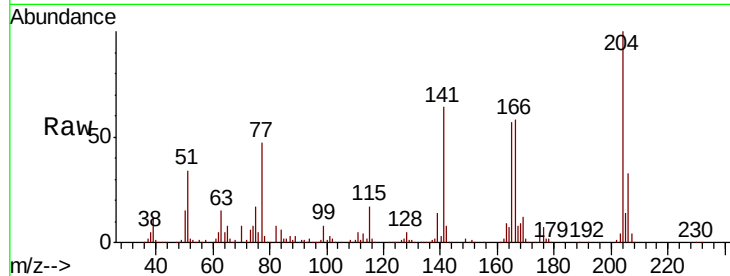
#61
 4-Chlorophenyl-phenylether
 Concen: 39.269 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

Tot Ion:	204	Resp:	409501
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.7	40.1
141	63.8	50.4	75.6

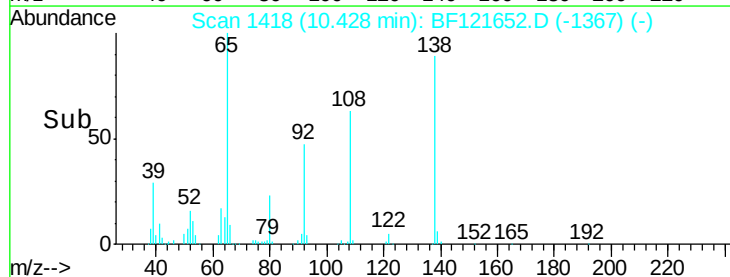
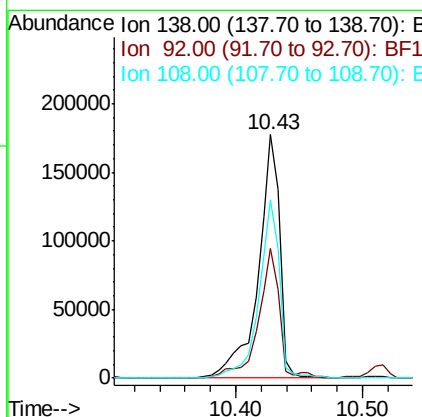
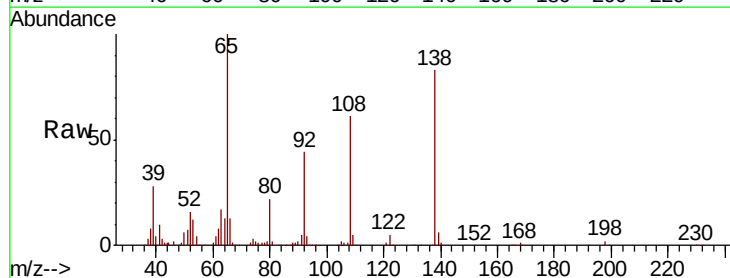
Manual Integrations
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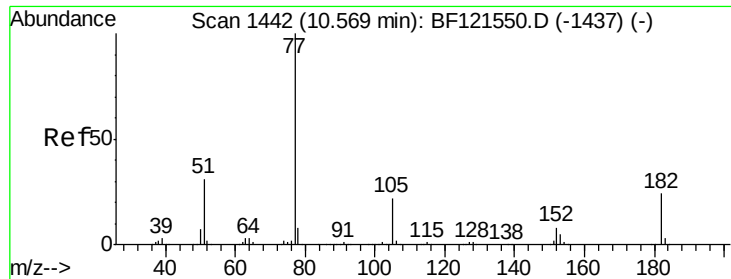
mohammad
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#62
 4-Nitroaniline
 Concen: 35.999 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion:	138	Resp:	211024
Ion Ratio	Lower	Upper	
138	100		
92	53.4	34.8	74.8
108	73.0	55.5	95.5





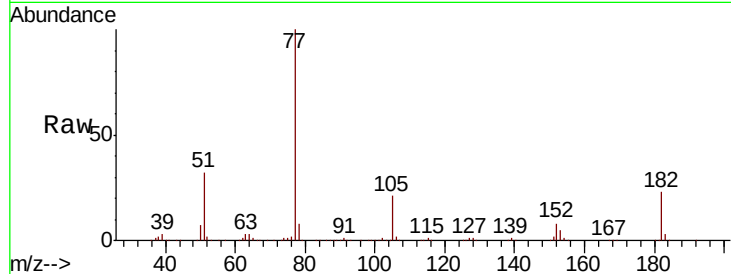
#63
Azobenzene
Concen: 37.794 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

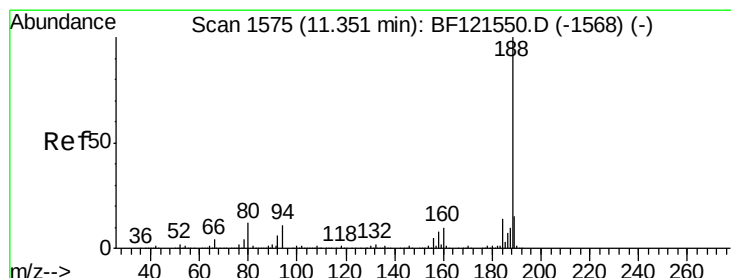
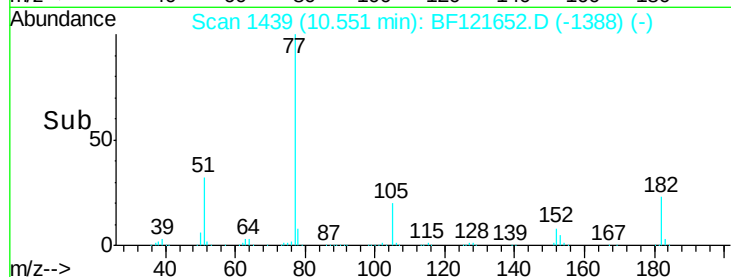
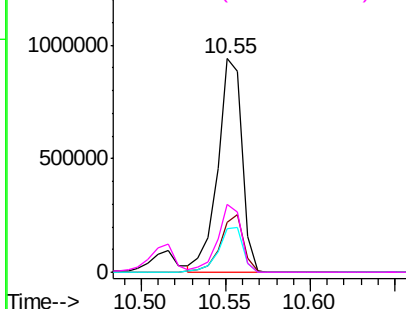
Tot Ion	Ratio	Lower	Upper
77	100		
182	23.4	6.8	46.8
105	20.7	2.2	42.2
51	31.6	10.7	50.7

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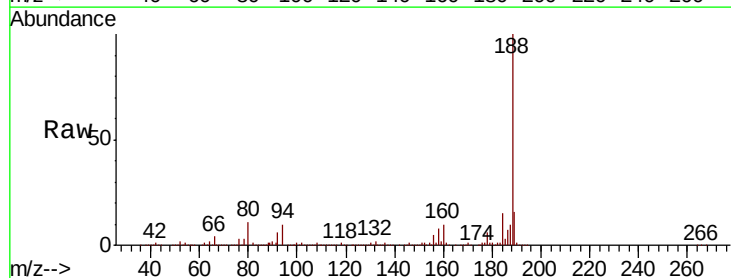


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

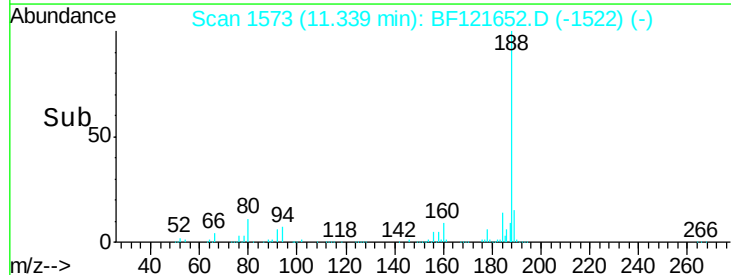
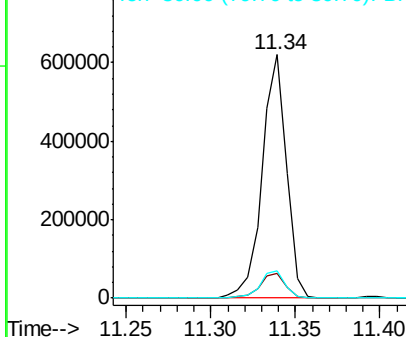


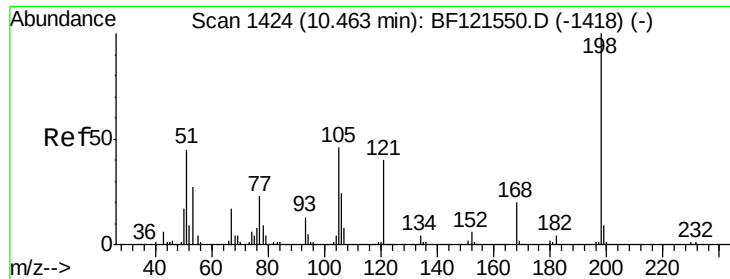
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.4	12.6
80	11.3	9.0	13.4



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





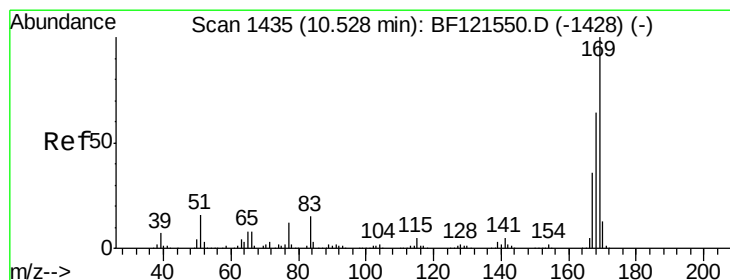
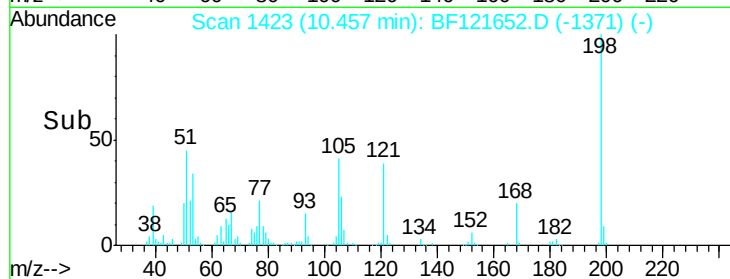
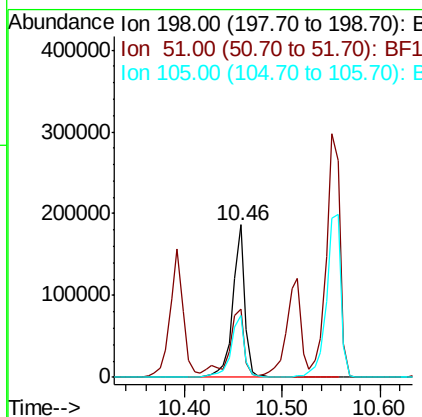
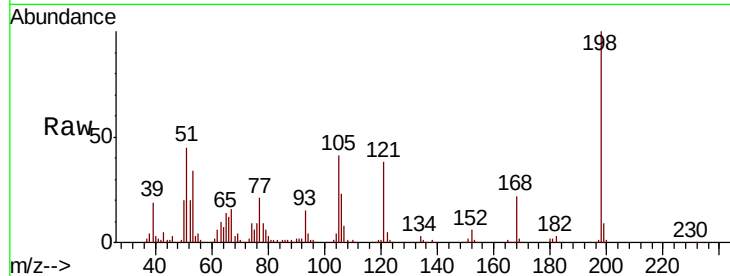
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.200 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	160147		
51	45.0	20.3	60.3	
105	40.8	20.2	60.2	

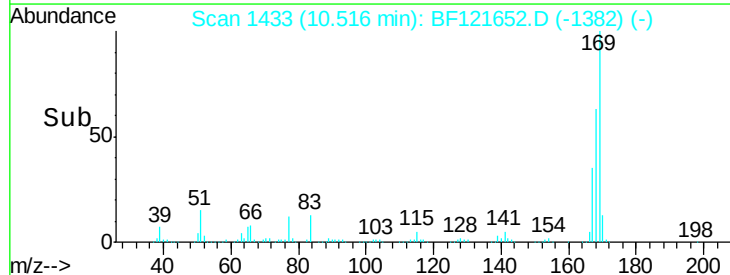
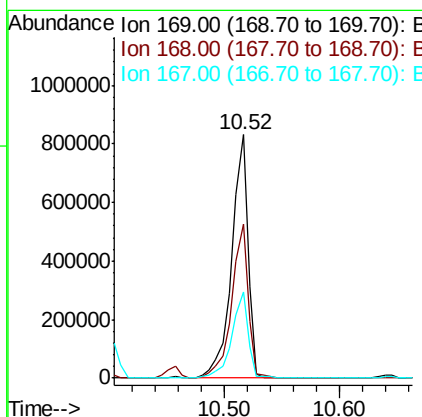
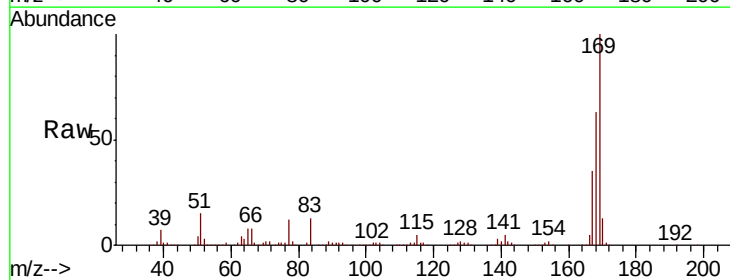
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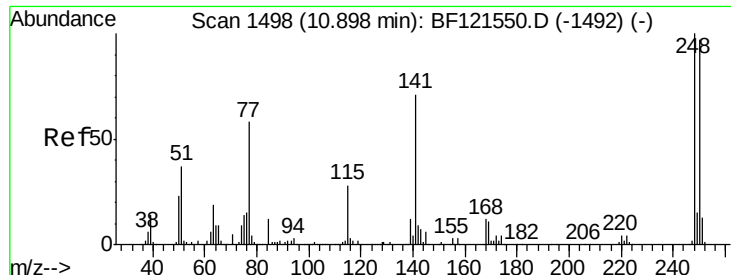
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 38.535 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	813748		
168	63.3	51.8	77.8	
167	35.4	28.4	42.6	





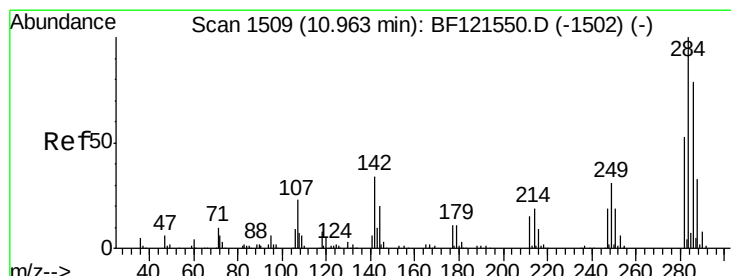
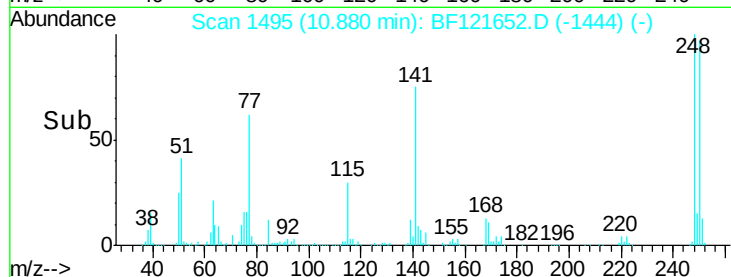
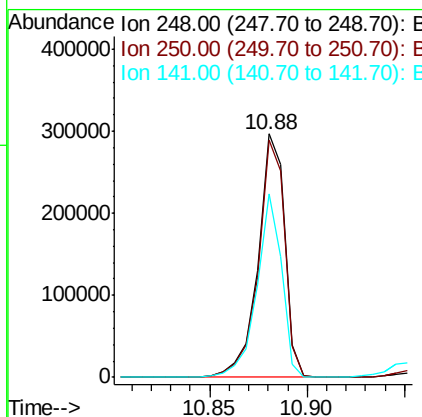
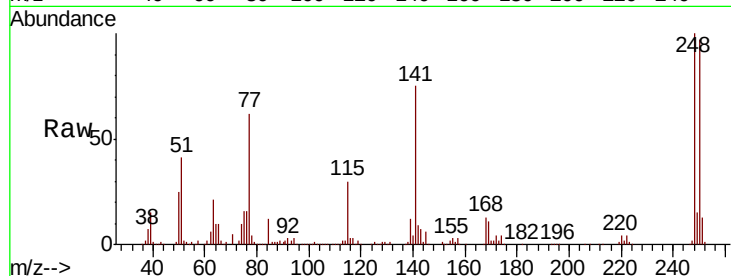
#67
 4-Bromophenyl-phenylether
 Concen: 40.105 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

Tot Ion:	248	Resp:	281056
Ion Ratio	Lower	Upper	
248	100		
250	97.2	79.4	119.0
141	75.4	52.2	78.4

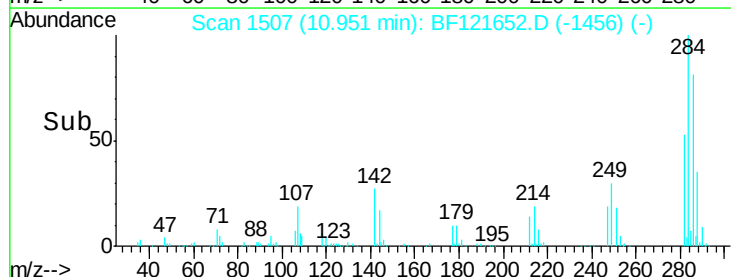
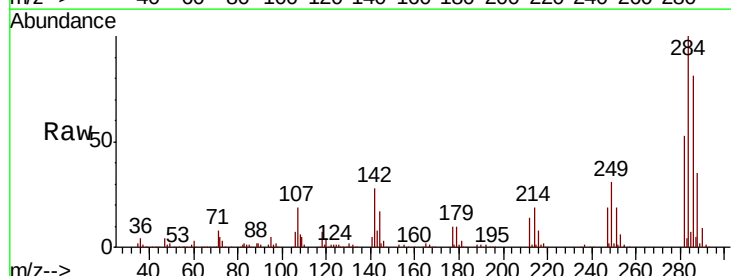
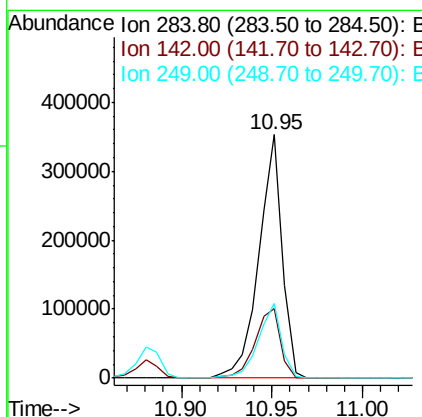
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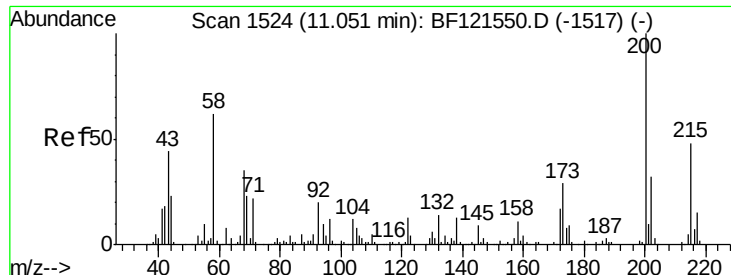
mohammad
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#68
 Hexachlorobenzene
 Concen: 39.872 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion:	284	Resp:	315335
Ion Ratio	Lower	Upper	
284	100		
142	28.3	24.0	36.0
249	30.6	23.9	35.9





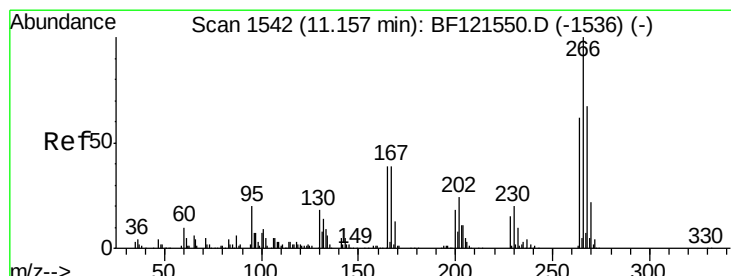
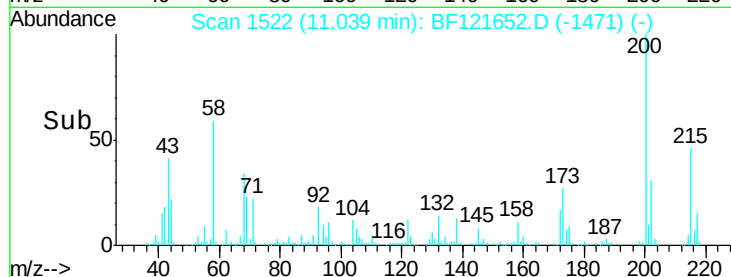
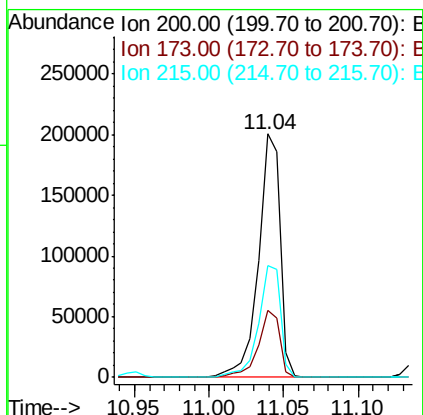
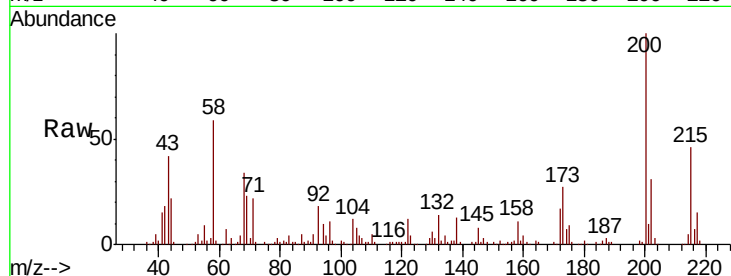
#69
Atrazine
Concen: 37.960 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.3	6.0	46.0
215	45.8	28.4	68.4

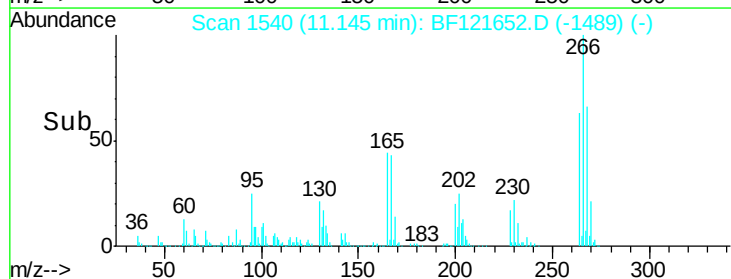
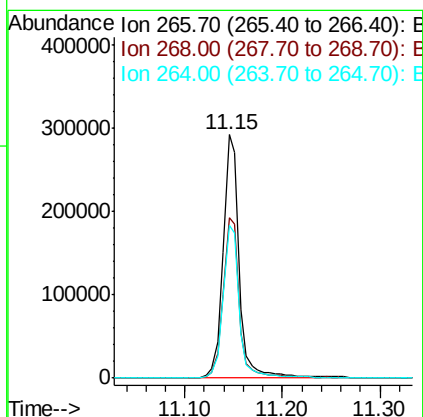
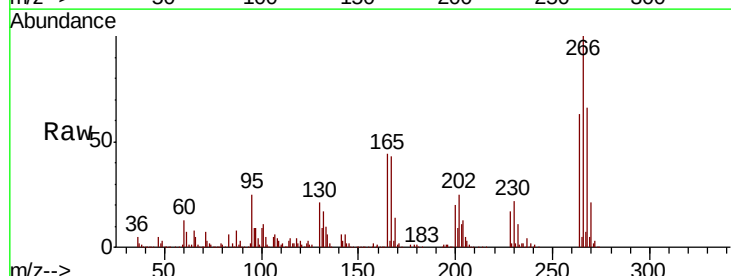
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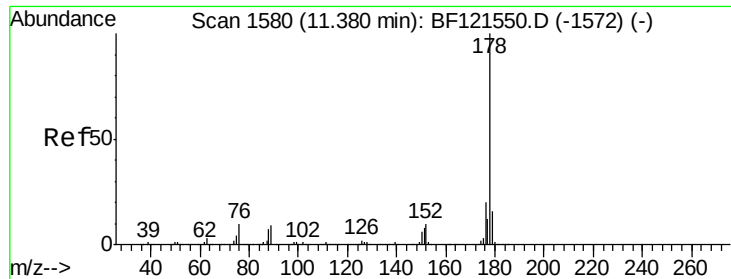
mohammad
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#70
Pentachlorophenol
Concen: 77.246 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.9	54.6	81.8
264	62.9	51.1	76.7





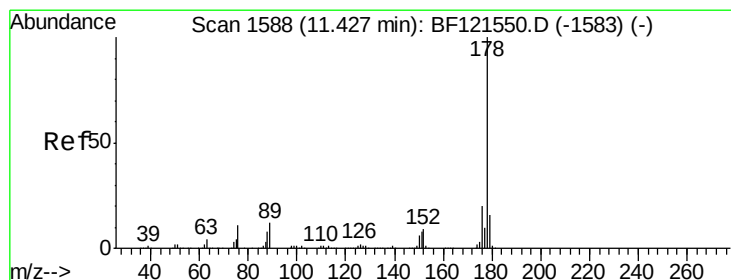
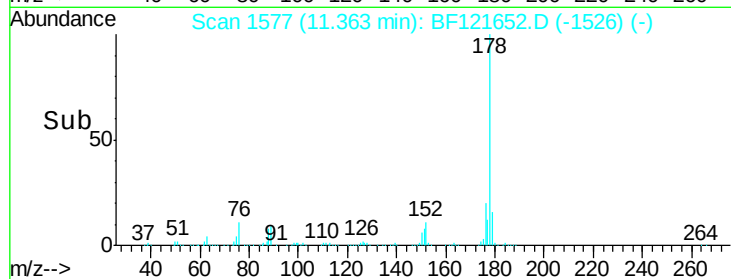
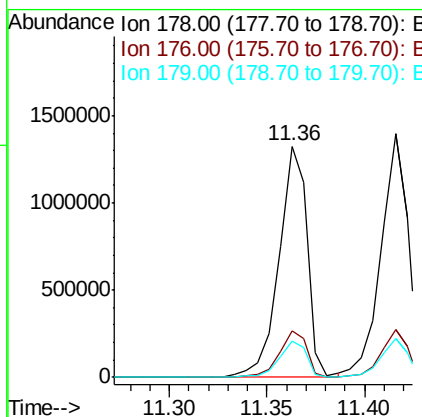
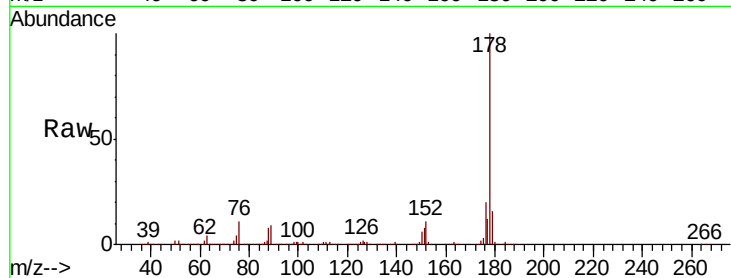
#71
Phenanthrene
Concen: 39.641 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.9	12.6	18.8

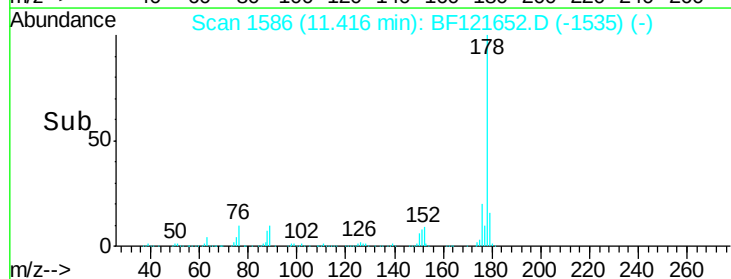
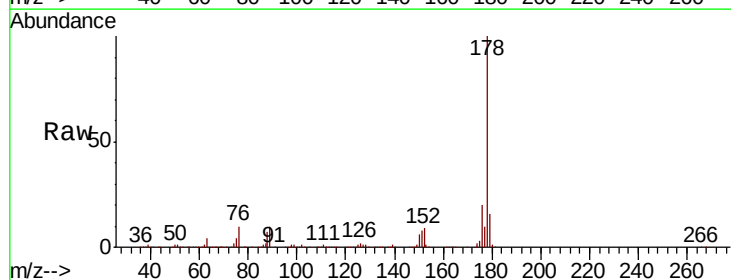
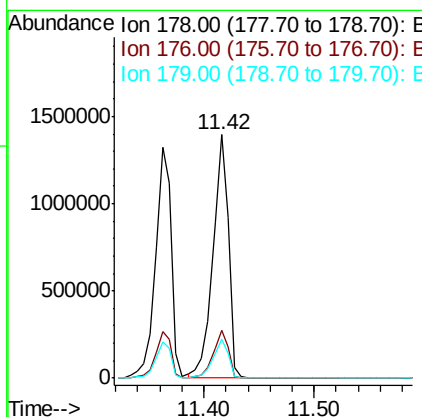
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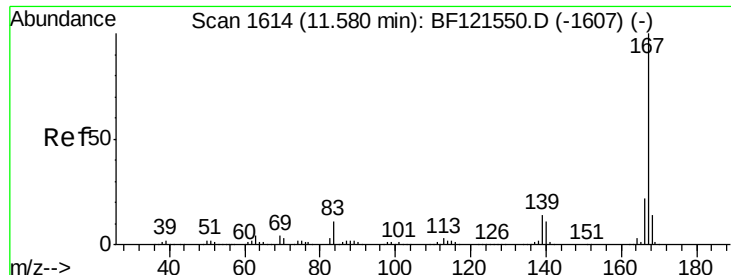
mohammad
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#72
Anthracene
Concen: 38.507 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.9	12.6	19.0





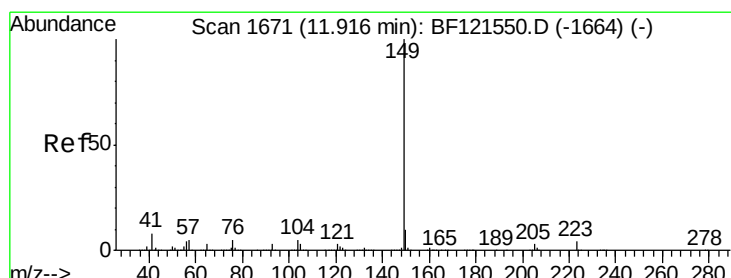
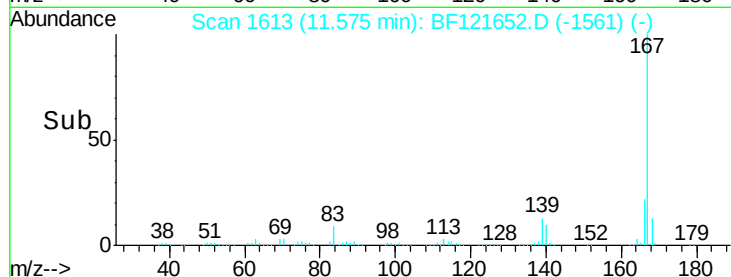
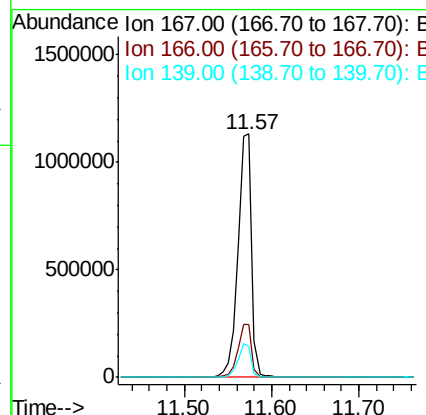
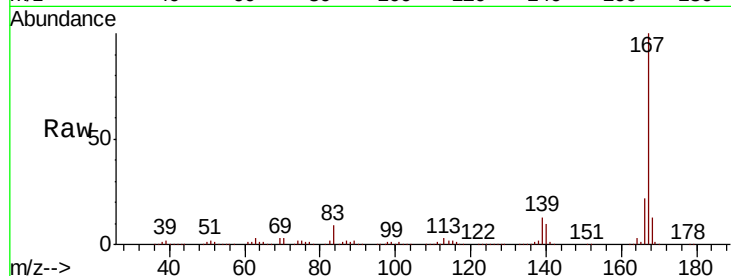
#73
 Carbazole
 Concen: 38.740 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	12.8	10.9	16.3

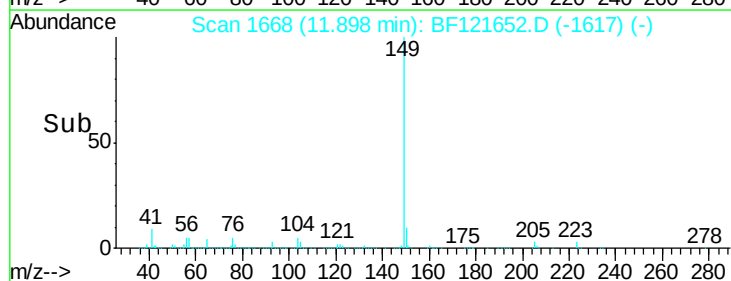
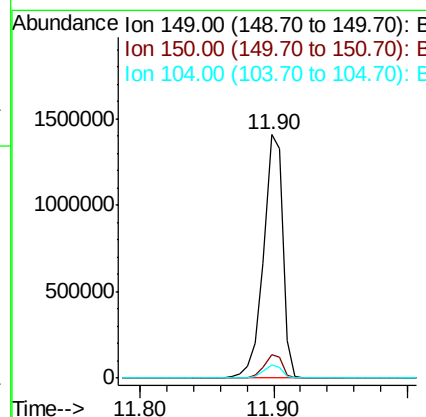
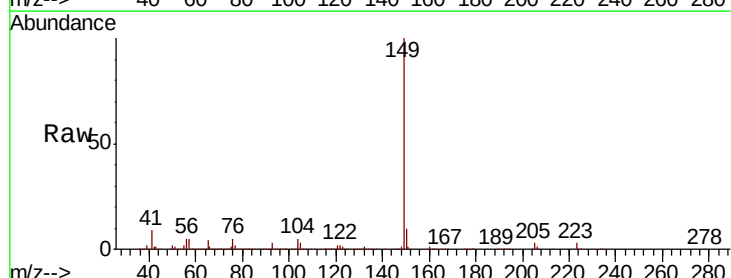
Manual Integrations
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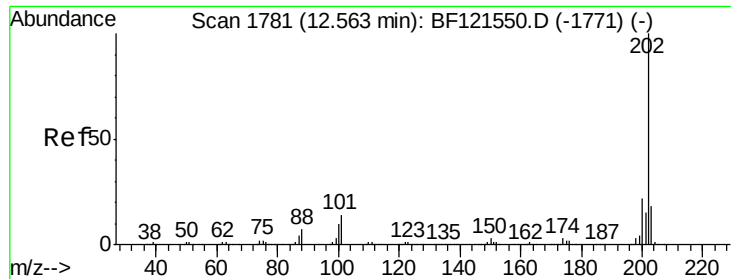
mohammad
 9/23/2020 10:43:29 AM



#74
 Di-n-butylphthalate
 Concen: 38.510 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	5.5	4.2	6.2





#75

Fluoranthene

Concen: 40.306 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

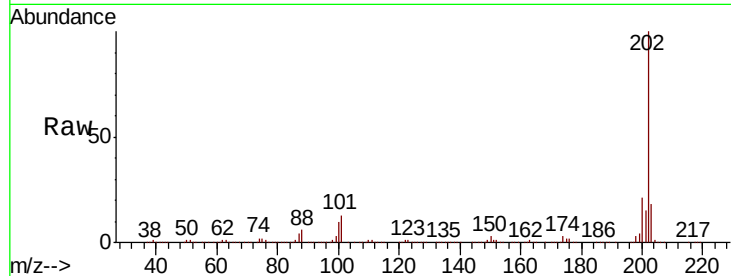
ClientSampleId :

PAV-B29-092120-10-17MSD

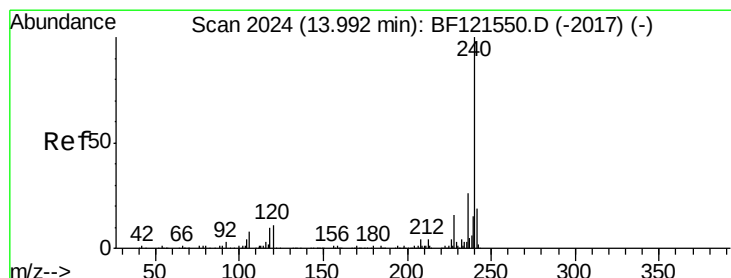
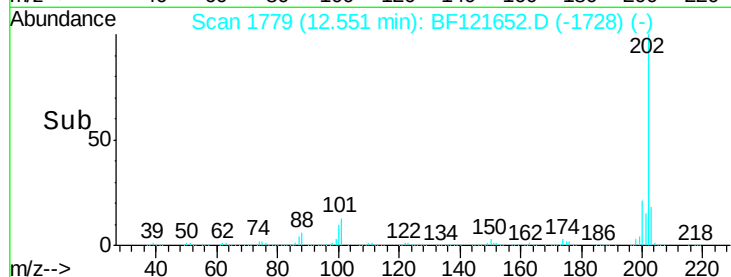
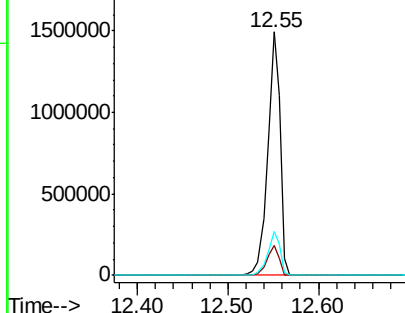
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.9
203	17.8	0.0	37.8

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000 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: 13.98 min Scan# 2022

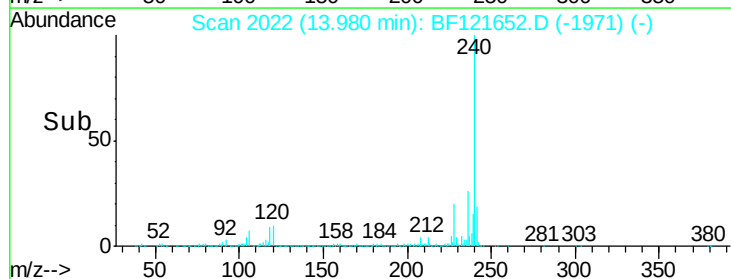
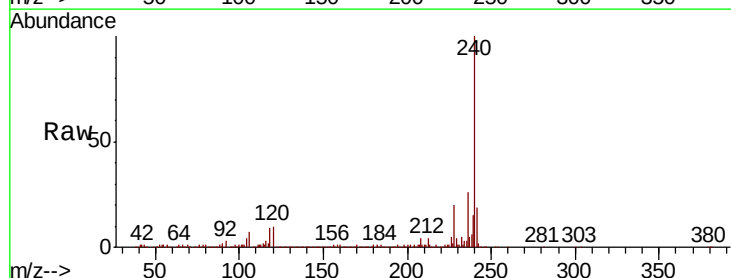
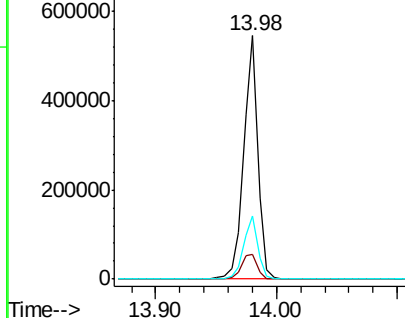
Delta R.T. 0.00 min

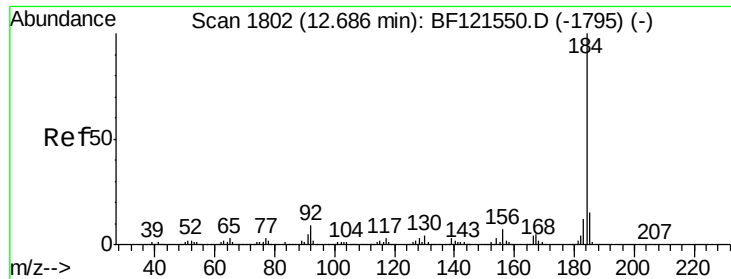
Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.2	13.8
236	25.7	20.4	30.6

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





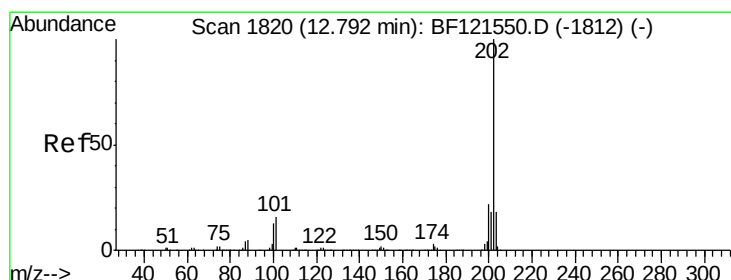
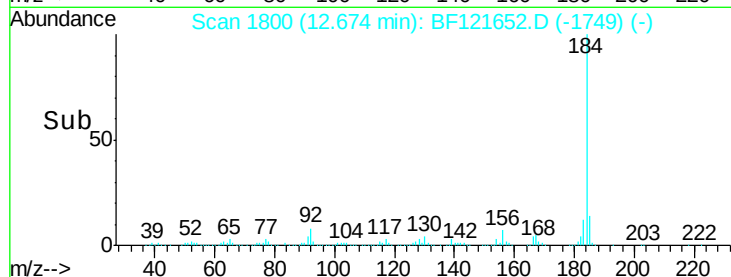
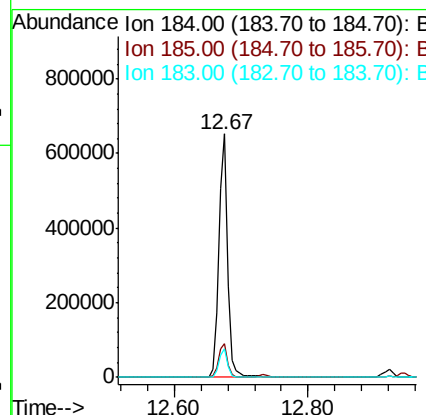
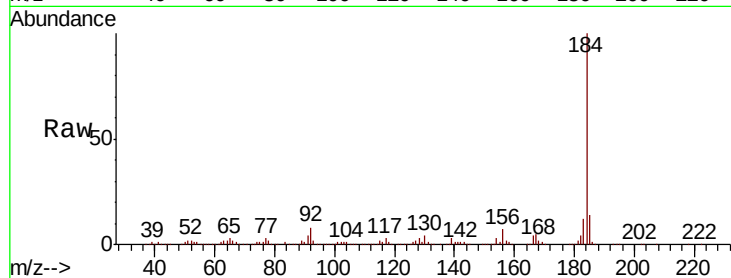
#77
Benzidine
Concen: 40.896 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.6	9.6	14.4

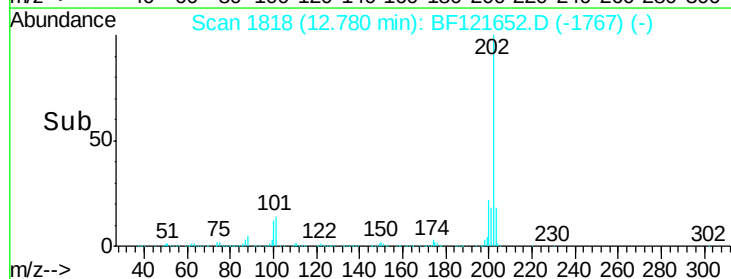
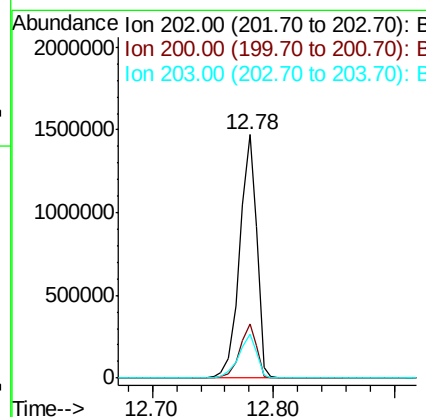
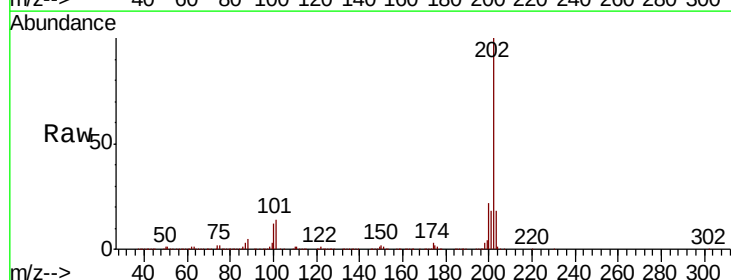
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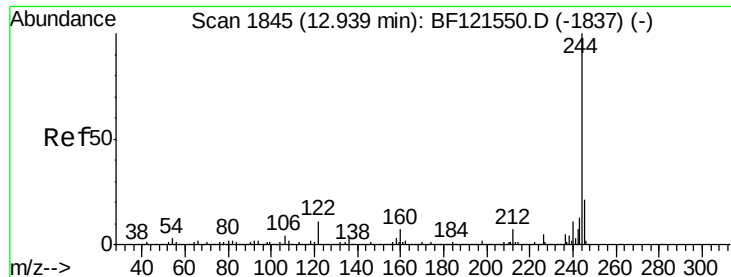
mohammad
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#78
Pyrene
Concen: 44.554 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.6
203	18.1	14.4	21.6





#79

Terphenyl-d14

Concen: 65.635 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-10-17MSD

Tot Ion:244 Resp: 1446603

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

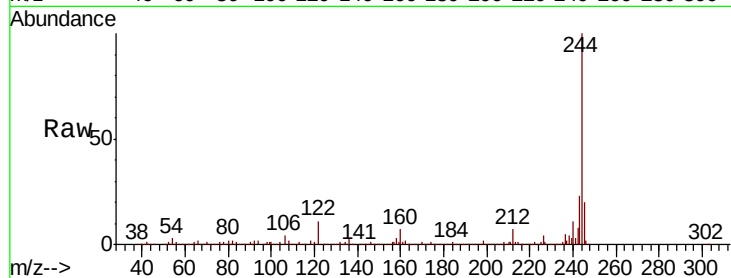
122 10.7 7.4 11.0

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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.92

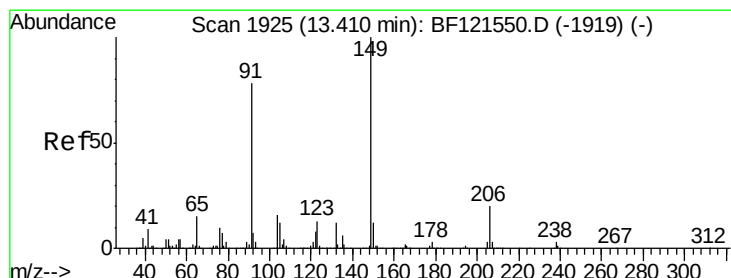
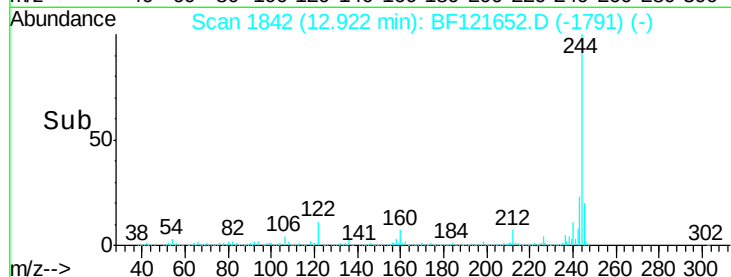
1500000

1000000

500000

0

Time--> 12.80 12.90 13.00



#80

Butylbenzylphthalate

Concen: 42.835 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF121652.D

Acq: 22 Sep 2020 21:23

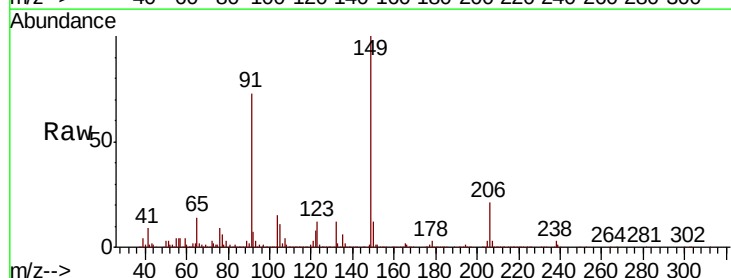
Tgt Ion:149 Resp: 565166

Ion Ratio Lower Upper

149 100

91 72.9 61.0 91.4

206 21.1 16.6 25.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

13.40

800000

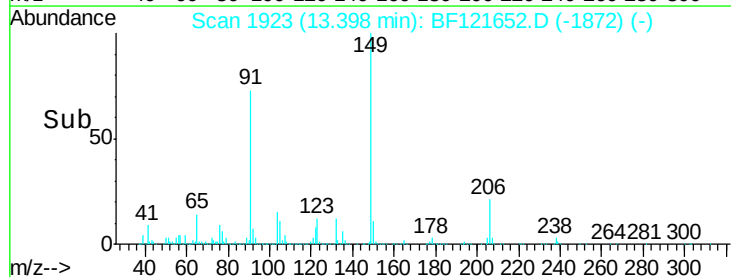
600000

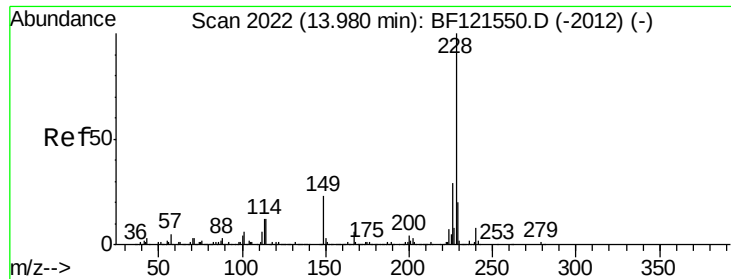
400000

200000

0

Time--> 13.35 13.40





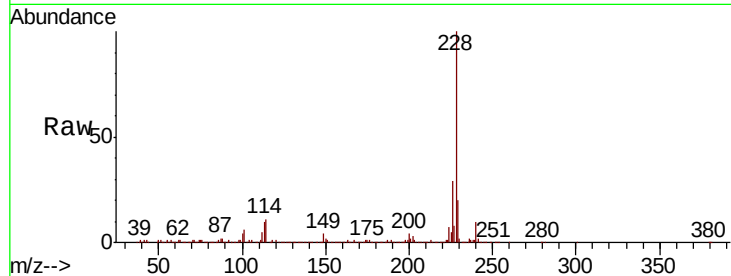
#81
Benzo(a)anthracene
Concen: 41.083 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.4	16.2	24.2

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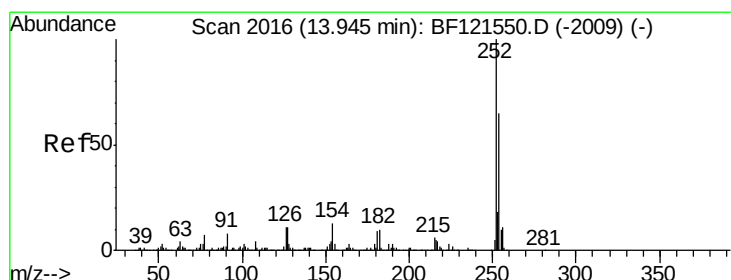
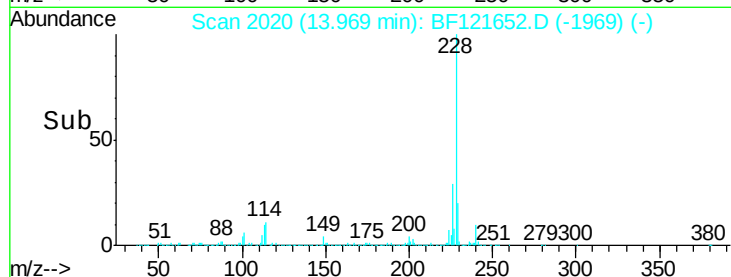
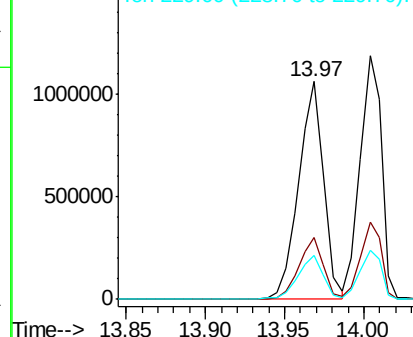


Abundance

Ion 228.00 (227.70 to 228.70): E

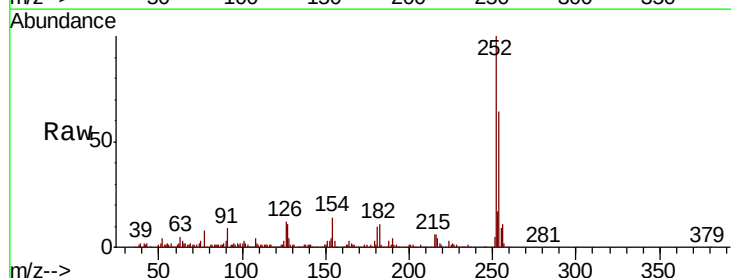
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 19.644 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.0	76.4
126	12.1	8.6	13.0

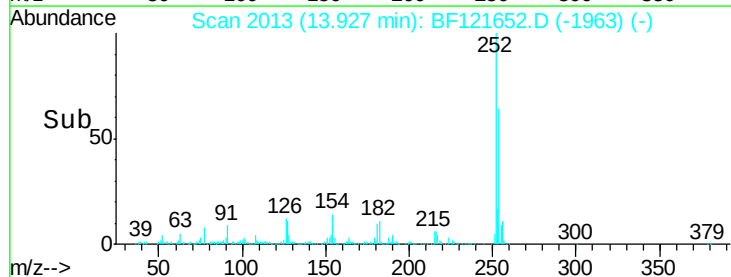
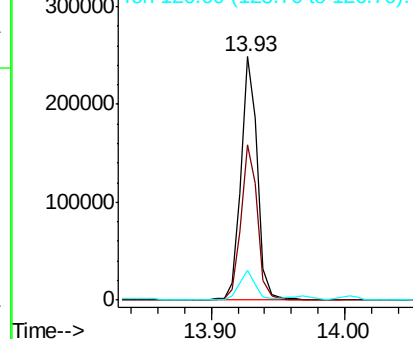


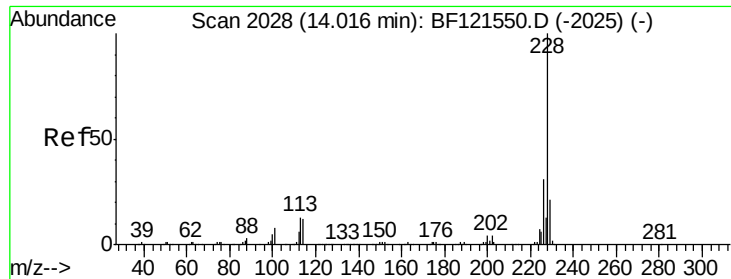
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





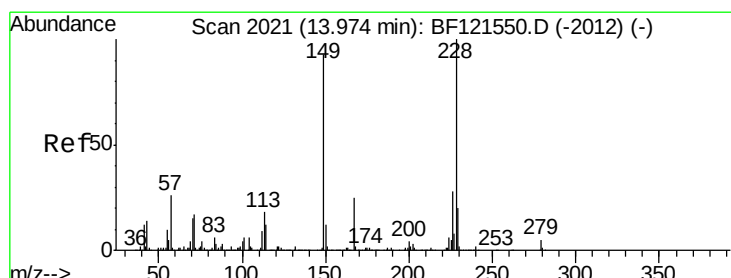
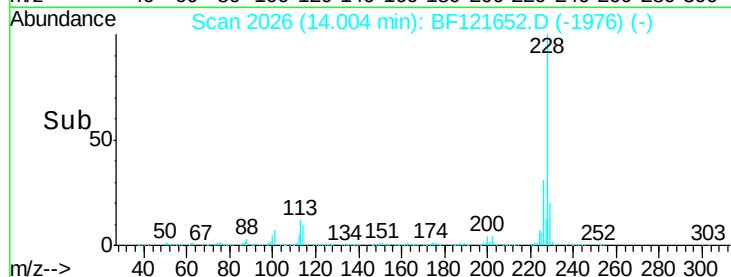
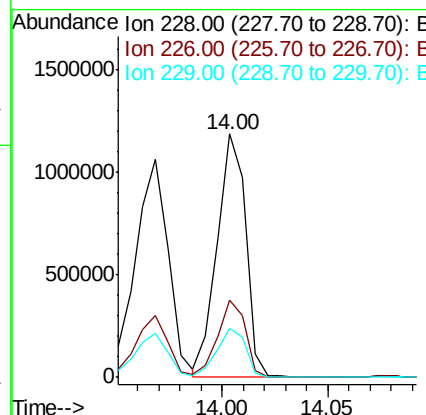
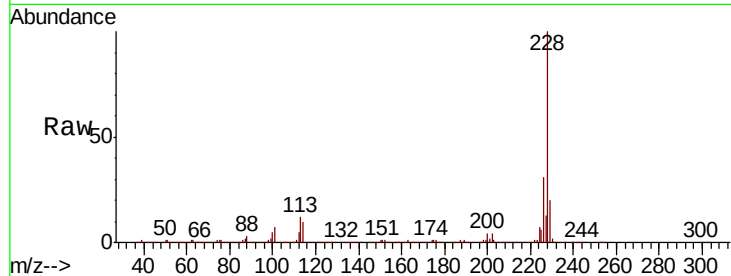
#83
Chrysene
Concen: 39.216 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion:228 Resp: 1121781
Ion Ratio Lower Upper
228 100
226 31.5 25.0 37.4
229 20.4 16.0 24.0

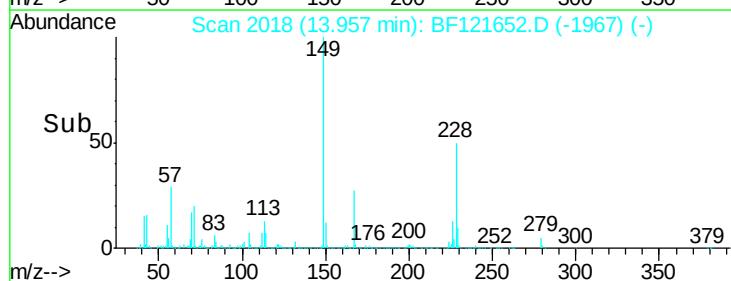
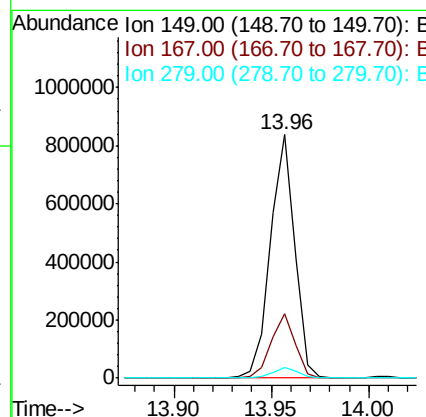
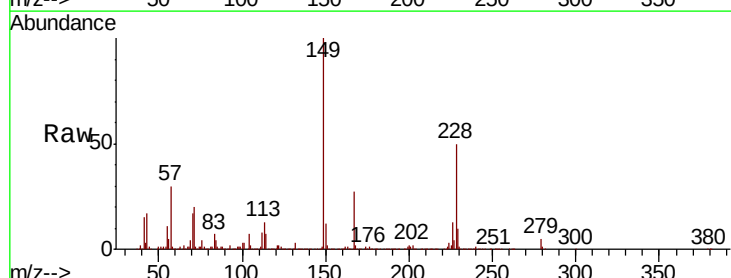
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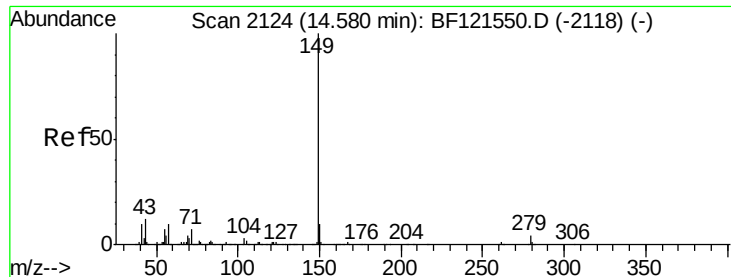
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.077 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion:149 Resp: 724034
Ion Ratio Lower Upper
149 100
167 26.5 21.3 31.9
279 4.6 3.4 5.0





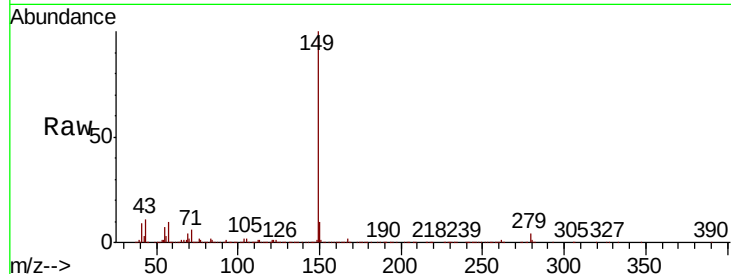
#85
Di-n-octyl phthalate
Concen: 37.775 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

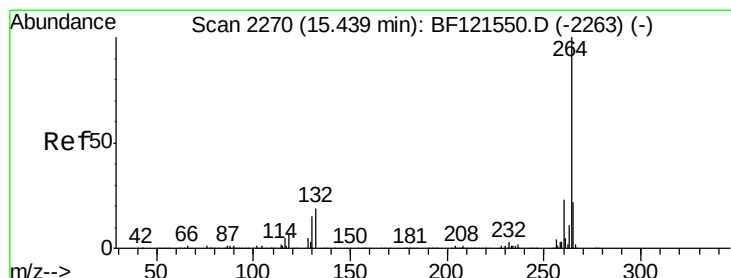
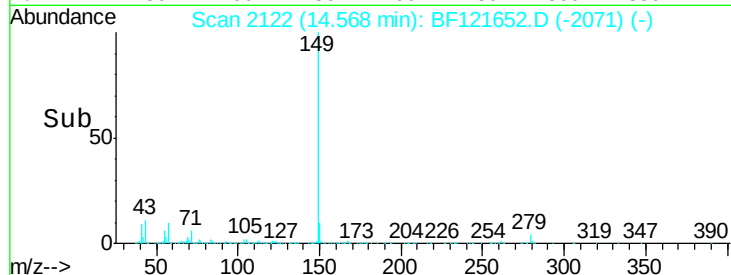
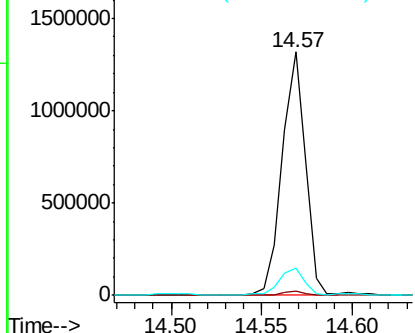
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.1	9.0	13.4

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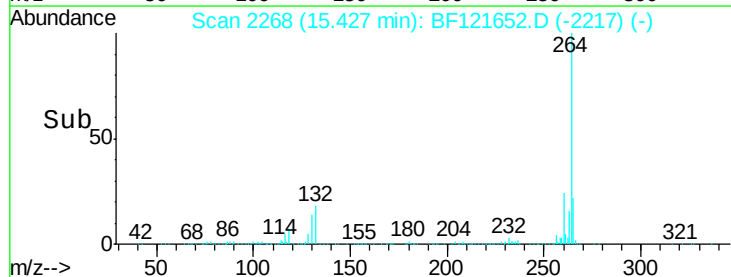
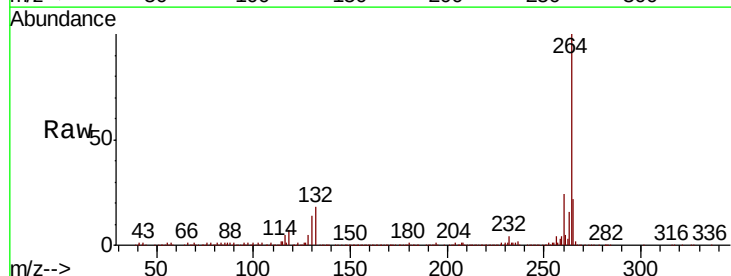
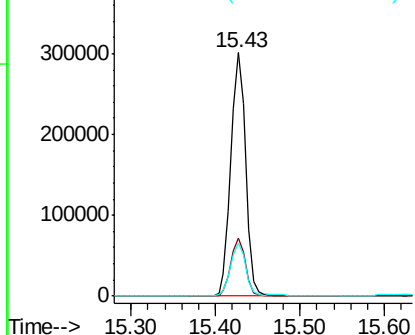
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

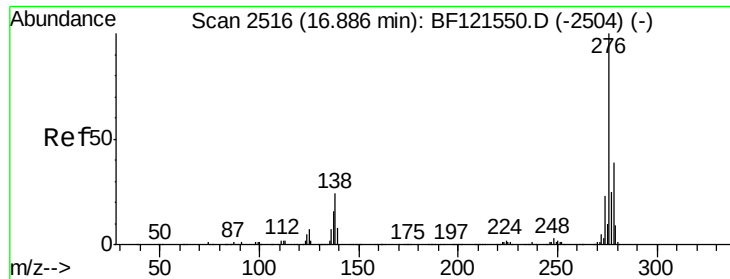


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.8	17.3	25.9

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





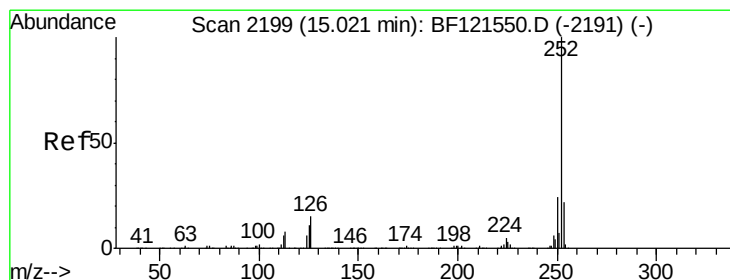
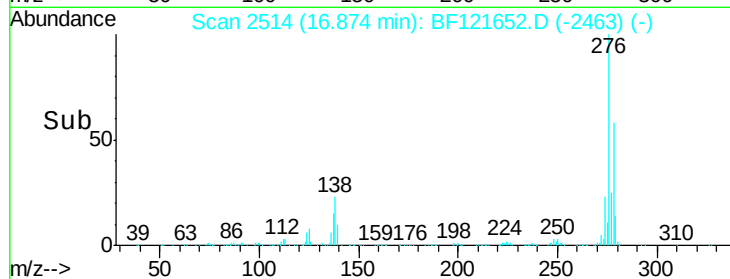
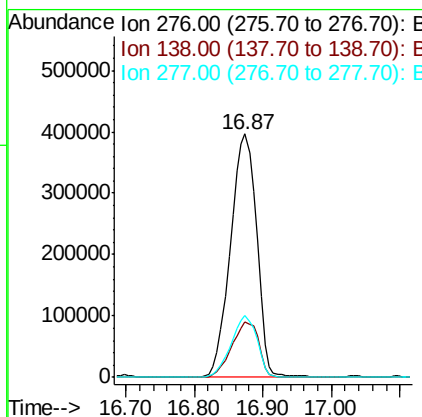
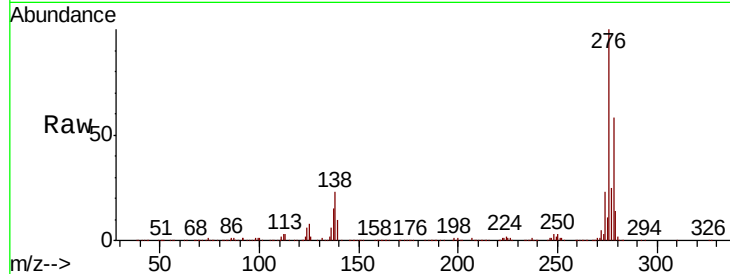
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.199 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.0	28.6
277	25.2	20.2	30.2

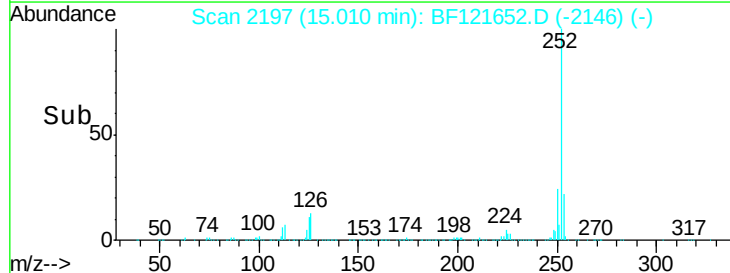
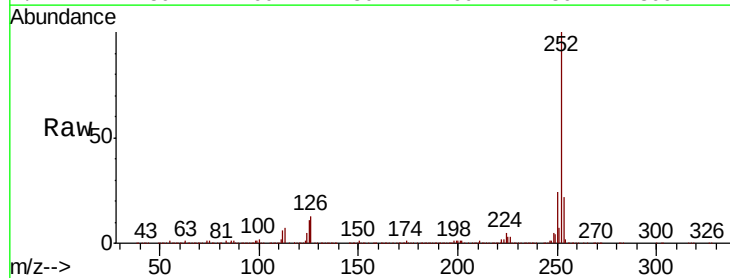
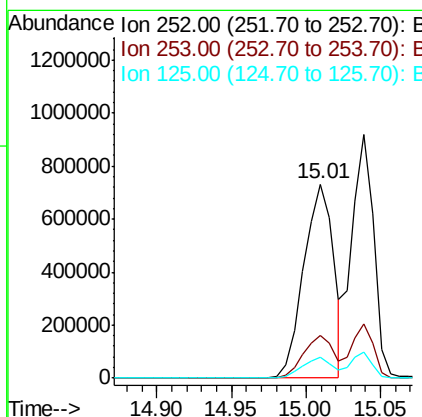
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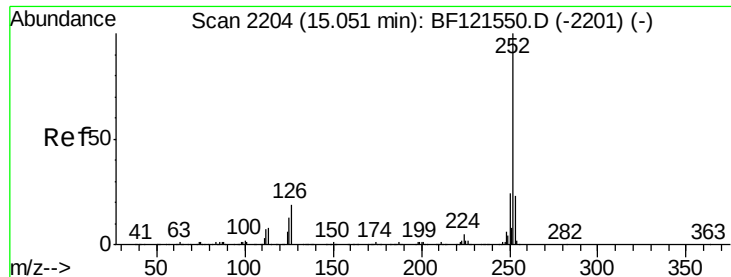
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 41.599 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BF121652.D
 Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.7	8.5	12.7





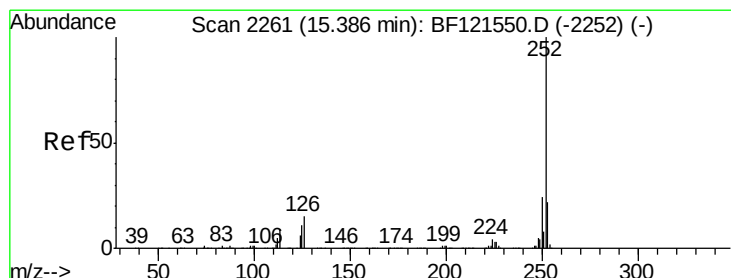
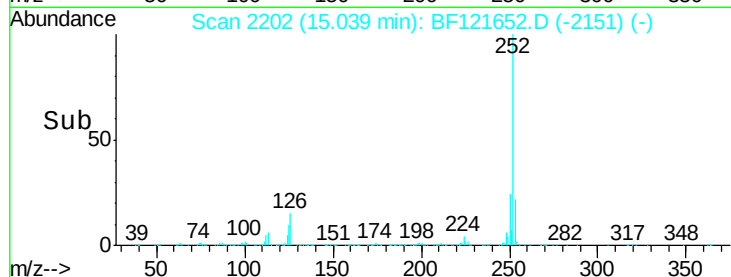
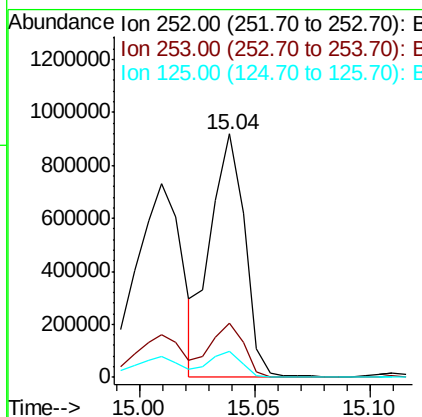
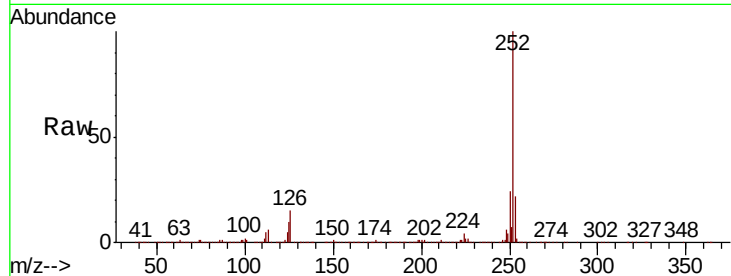
#89
Benzo(k)fluoranthene
Concen: 42.132 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.5	8.4	12.6

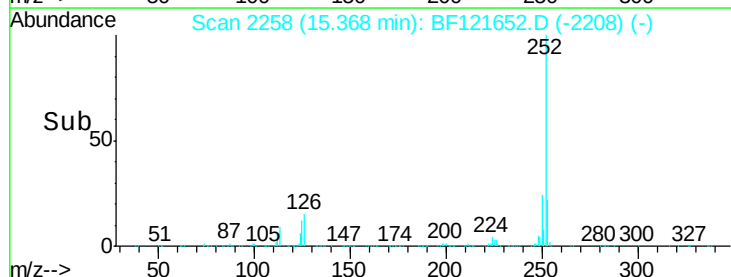
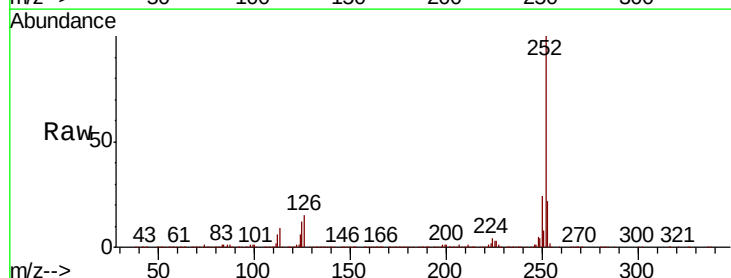
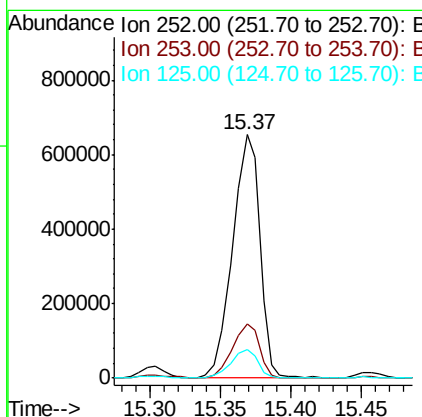
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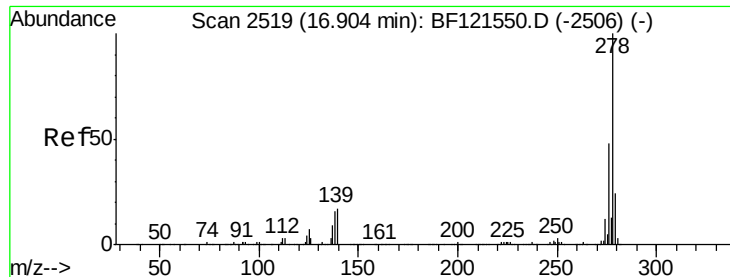
mohammad
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#90
Benzo(a)pyrene
Concen: 42.264 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	11.8	9.1	13.7





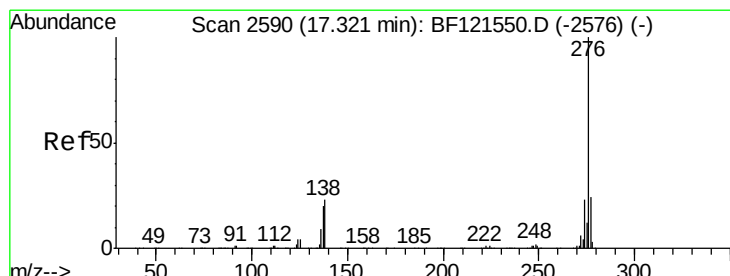
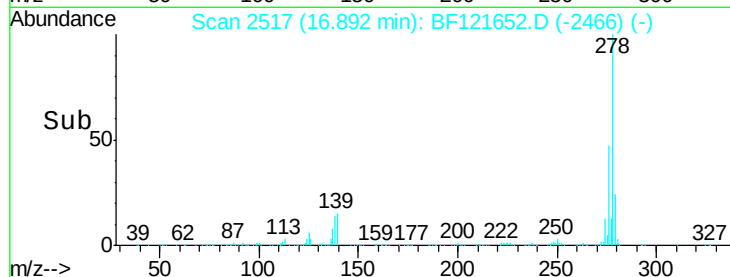
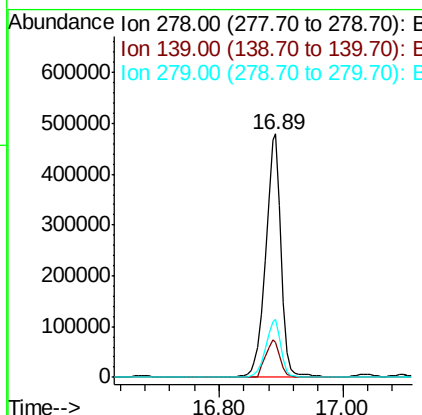
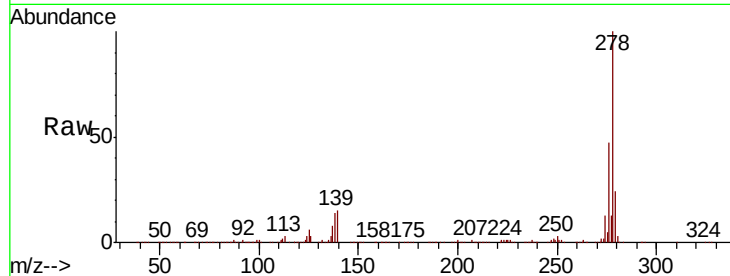
#91
Dibenzo(a,h)anthracene
Concen: 42.334 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-10-17MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.0	18.0
279	24.0	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/23/2020 10:43:29 AM



#92
Benzo(g,h,i)perylene
Concen: 46.192 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF121652.D
Acq: 22 Sep 2020 21:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	21.1	16.9	25.3

