

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
 Data File : BF121673.D
 Acq On : 23 Sep 2020 18:53
 Operator : JU/CG
 Sample : L3863-08MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

Manual Integrations
 APPROVED

mohammad
 9/24/2020 10:46:38 AM

Quant Time: Sep 24 00:33:38 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	145373	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	576335	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	309003	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	605662	20.00	ng	0.00
76) Chrysene-d12	13.98	240	524089	20.00	ng	0.00
86) Perylene-d12	15.43	264	516499	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1054875	107.84	ng	0.02
7) Phenol-d6	6.46	99	1273362	99.22	ng	0.00
23) Nitrobenzene-d5	7.38	82	1040723	96.95	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	518625	135.04	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1778158	87.15	ng	0.00
79) Terphenyl-d14	12.93	244	2095377	81.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	167837	37.347	ng	# 83
3) Pyridine	3.43	79	367893	29.612	ng	98
4) n-Nitrosodimethylamine	3.36	42	240261	41.692	ng	98
6) Aniline	6.47	93	281005	16.812	ng	# 51
8) 2-Chlorophenol	6.60	128	467445	46.935	ng	96
9) Benzaldehyde	6.36	77	123399	14.709	ng	98
10) Phenol	6.47	94	498540	36.480	ng	85
11) bis(2-Chloroethyl)ether	6.55	93	492566	47.822	ng	98
12) 1,3-Dichlorobenzene	6.75	146	495234	44.550	ng	98
13) 1,4-Dichlorobenzene	6.83	146	497043	44.530	ng	98
14) 1,2-Dichlorobenzene	6.98	146	470687	45.775	ng	99
15) Benzyl Alcohol	6.96	79	425013	48.724	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	711909	42.952	ng	88
17) 2-Methylphenol	7.07	107	378337	44.646	ng	97
18) Hexachloroethane	7.32	117	183107	45.815	ng	100
19) n-Nitroso-di-n-propylamine	7.23	70	339362	45.883	ng	98
20) 3+4-Methylphenols	7.23	107	451004	44.296	ng	95
22) Acetophenone	7.22	105	635367	43.451	ng	# 97
24) Nitrobenzene	7.40	77	514555	44.322	ng	98
25) Isophorone	7.64	82	940784	43.539	ng	98
26) 2-Nitrophenol	7.71	139	250085	45.877	ng	95
27) 2,4-Dimethylphenol	7.75	122	412259	42.742	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	590737	44.161	ng	99
29) 2,4-Dichlorophenol	7.96	162	398931	45.410	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	407402	44.033	ng	99
31) Naphthalene	8.12	128	1327625	43.638	ng	100
32) Benzoic acid	7.90	122	272855	39.373	ng	97
33) 4-Chloroaniline	8.16	127	177970	13.495	ng	98
34) Hexachlorobutadiene	8.23	225	246426	45.376	ng	99
35) Caprolactam	8.55	113	108967m	37.247	ng	
36) 4-Chloro-3-methylphenol	8.66	107	432279	45.678	ng	99
37) 2-Methylnaphthalene	8.80	142	883728	44.324	ng	98
38) 1-Methylnaphthalene	8.90	142	826195	44.525	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	416942	43.196	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	415604	75.398	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	292626	44.478	nq	100
44) 2,4,5-Trichlorophenol	9.14	196	312636	44.950	nq	97
46) 1,1'-Biphenyl	9.27	154	1069166	43.220	nq	100
47) 2-Chloronaphthalene	9.30	162	832725	42.717	nq	99
48) 2-Nitroaniline	9.40	65	292187	48.234	nq	96
49) Acenaphthylene	9.72	152	1301929	43.467	nq	99
50) Dimethylphthalate	9.58	163	1033143	46.131	nq	99
51) 2,6-Dinitrotoluene	9.64	165	232741	48.797	nq	98
52) Acenaphthene	9.89	154	782005	41.337	nq	99
53) 3-Nitroaniline	9.81	138	145392	26.314	nq	100
54) 2,4-Dinitrophenol	9.92	184	267624	95.329	nq	96
55) Dibenzofuran	10.06	168	1158828	43.497	nq	99
56) 4-Nitrophenol	9.99	139	347792	78.928	nq	97
57) 2,4-Dinitrotoluene	10.05	165	312797	52.129	nq	91
58) Fluorene	10.40	166	917961	45.057	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	267378	47.287	nq	99
60) Diethylphthalate	10.28	149	1028873	47.119	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	447186	45.820	nq	97
62) 4-Nitroaniline	10.43	138	237484	43.288	nq	96
63) Azobenzene	10.55	77	1016829	43.729	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	180462	48.477	nq	86
66) n-Nitrosodiphenylamine	10.52	169	873213	42.024	nq	98
67) 4-Bromophenyl-phenylether	10.88	248	303970	44.081	nq	95
68) Hexachlorobenzene	10.95	284	345996	44.461	nq	96
69) Atrazine	11.04	200	224564	43.500	nq	97
70) Pentachlorophenol	11.14	266	385752	90.260	nq	98
71) Phenanthrene	11.36	178	1406656	42.627	nq	100
72) Anthracene	11.42	178	1461630	42.922	nq	99
73) Carbazole	11.57	167	1345737	43.792	nq	100
74) Di-n-butylphthalate	11.90	149	1609333	45.375	nq	100
75) Fluoranthene	12.55	202	1569149	44.545	nq	99
77) Benzidine	12.67	184	147063	8.464	nq	98
78) Pyrene	12.78	202	1609253	42.026	nq	100
80) Butylbenzylphthalate	13.40	149	708808	45.770	nq	99
81) Benzo(a)anthracene	13.97	228	1448113	43.675	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	405345	31.314	nq	99
83) Chrysene	14.01	228	1435241	42.747	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	931701	45.035	nq	100
85) Di-n-octyl phthalate	14.57	149	1652699	45.266	nq	100
87) Indeno(1,2,3-cd)pyrene	16.88	276	1541326	45.824	nq	99
88) Benzo(b)fluoranthene	15.02	252	1599432	46.322	nq	99
89) Benzo(k)fluoranthene	15.04	252	1371134	43.364	nq	99
90) Benzo(a)pyrene	15.37	252	1351478	46.046	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	1251377	44.693	nq	100
92) Benzo(g,h,i)perylene	17.32	276	1238963	45.016	nq	99

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



#1

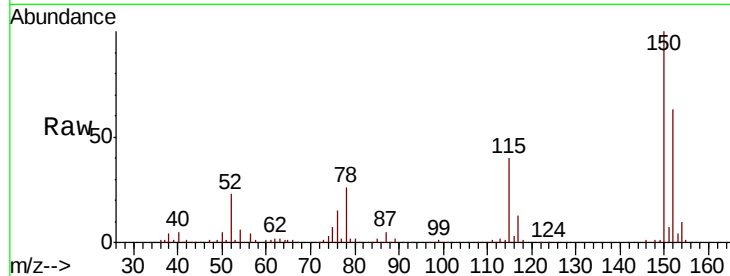
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

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HD-01-092220MSD

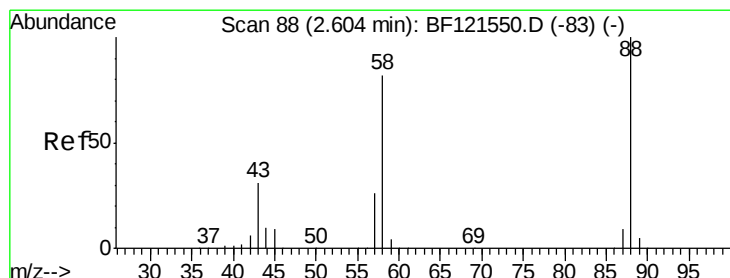
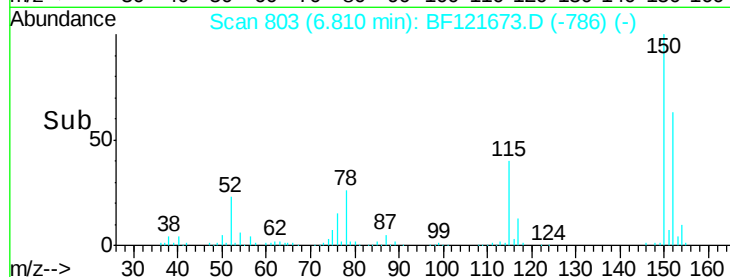
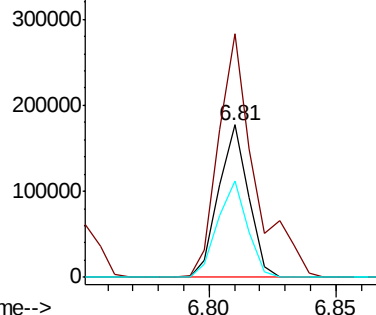
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	128.1	192.1
115	63.5	52.6	79.0

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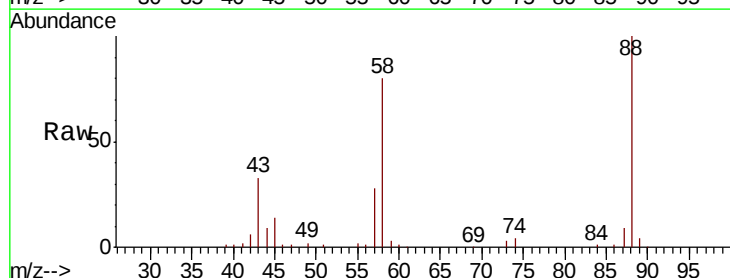
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



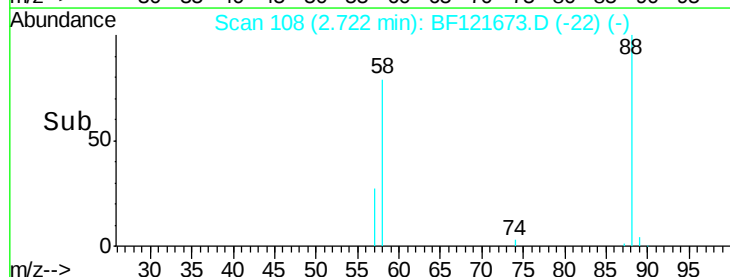
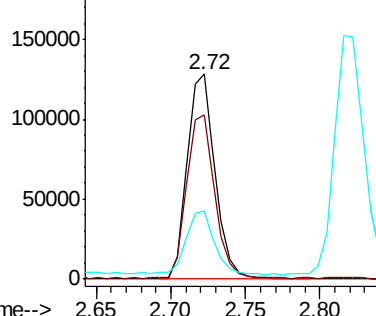
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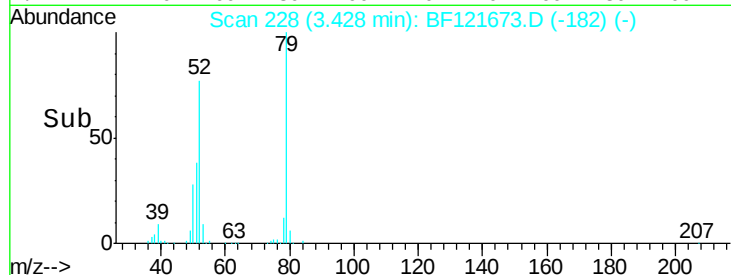
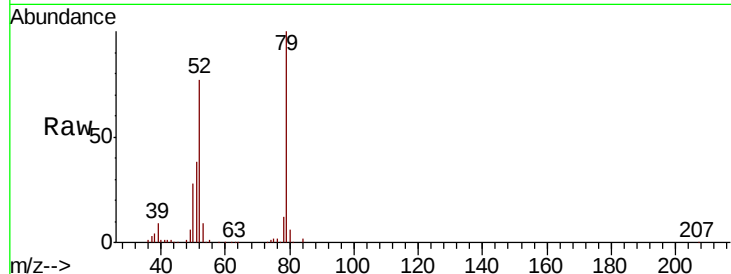
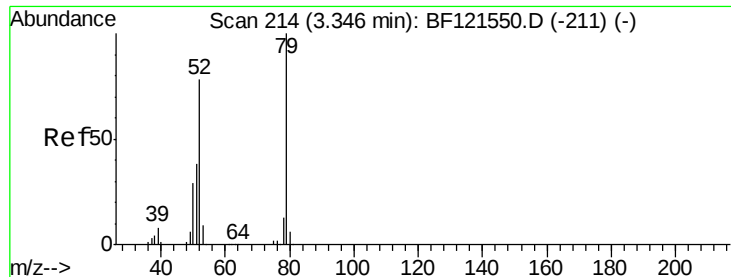
1,4-Dioxane
Concen: 37.347 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.21 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	65.4	98.0
43	0.0	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





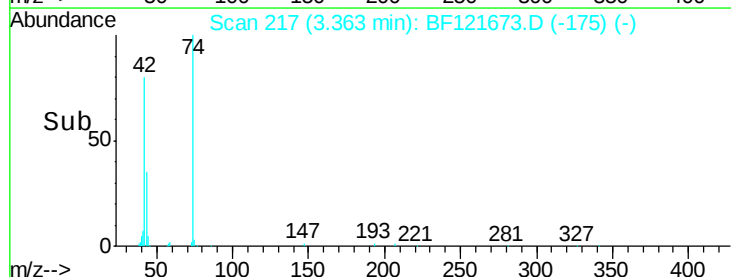
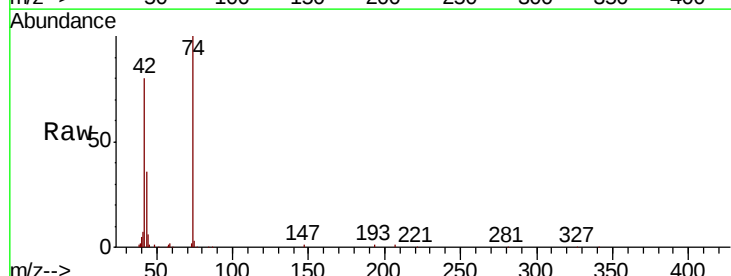
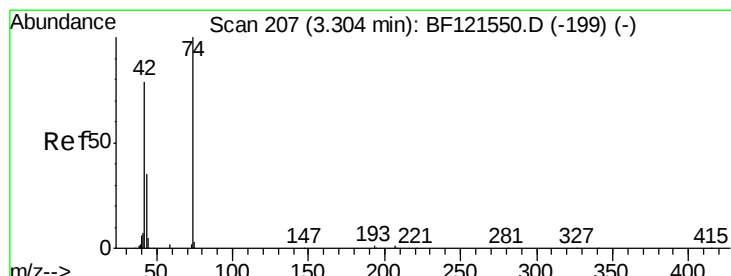
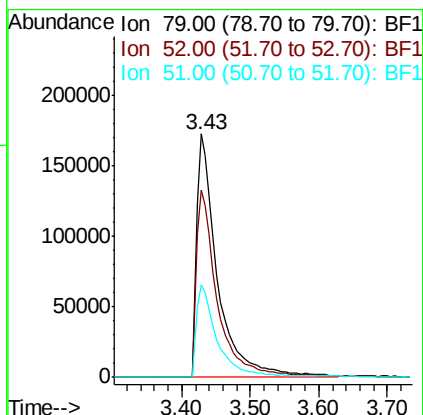
#3
Pvridine
Concen: 29.612 ng
RT: 3.43 min Scan# 228
Delta R.T. 0.17 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	367893		
52	52	76.8		63.4	95.0
51	51	37.8		30.7	46.1

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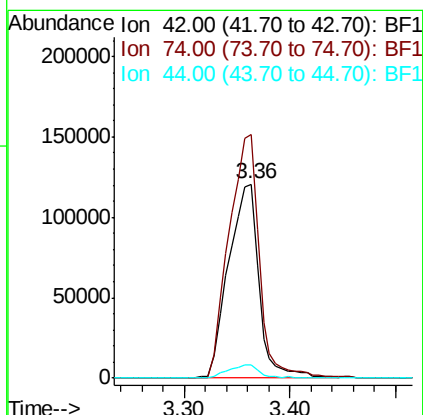
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#4
n-Nitrosodimethylamine
Concen: 41.692 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.15 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	240261		
74	74	125.4		102.6	154.0
44	44	7.1		6.0	9.0





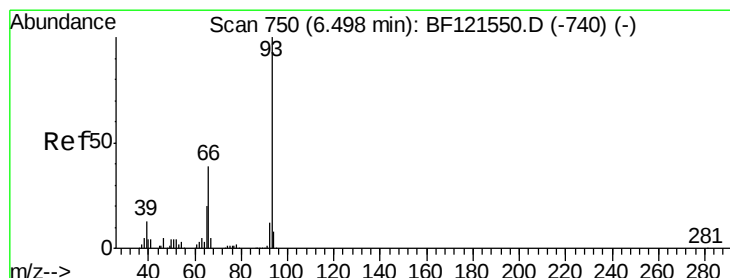
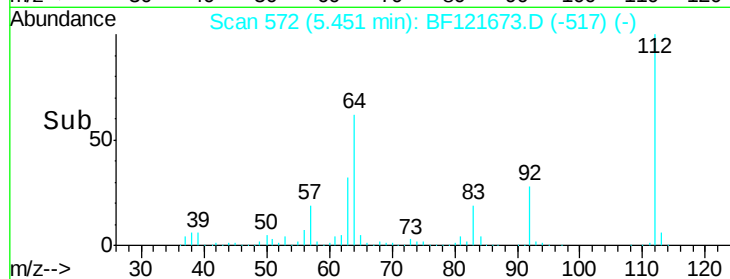
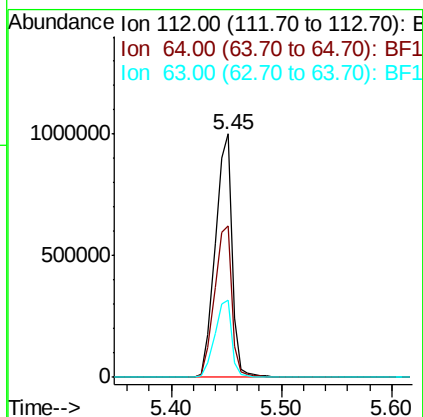
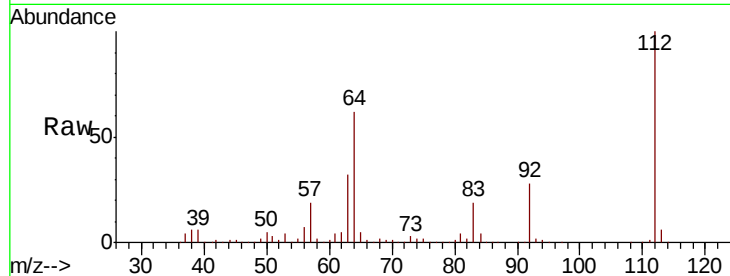
#5
2-Fluorophenol
Concen: 107.838 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.02 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
112	100		
64	62.0	52.2	78.2
63	31.9	26.6	39.8

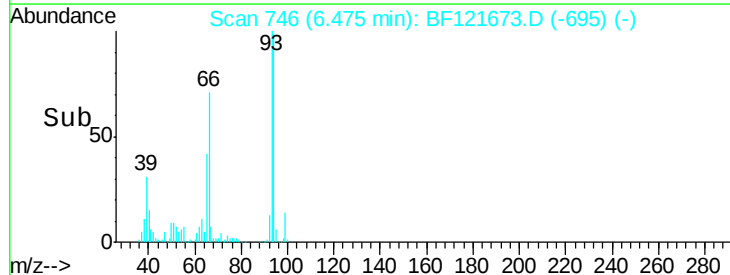
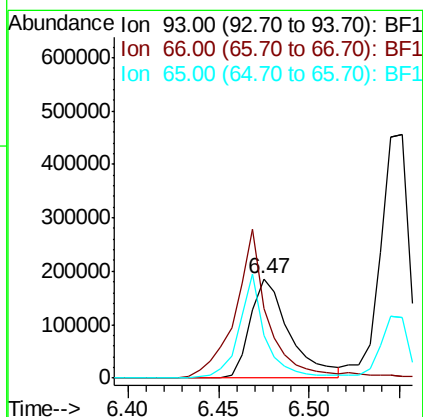
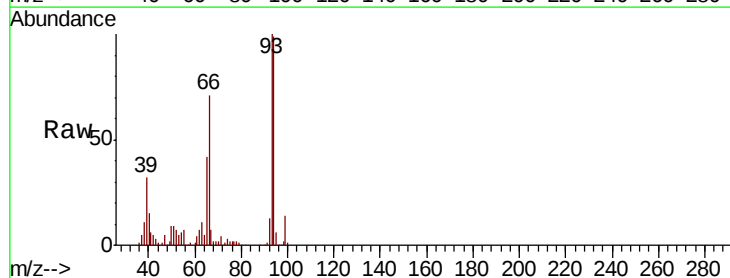
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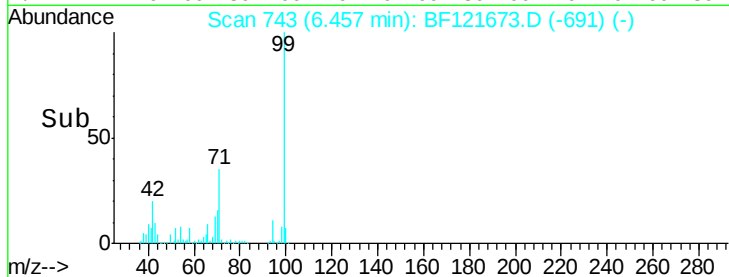
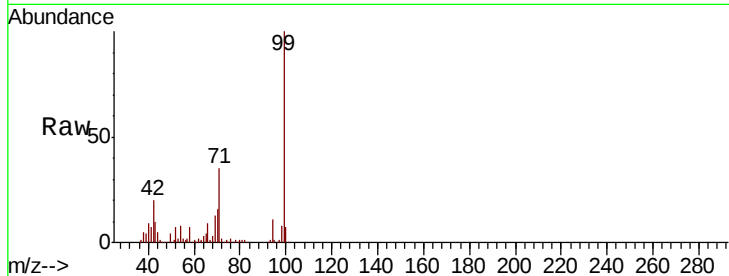
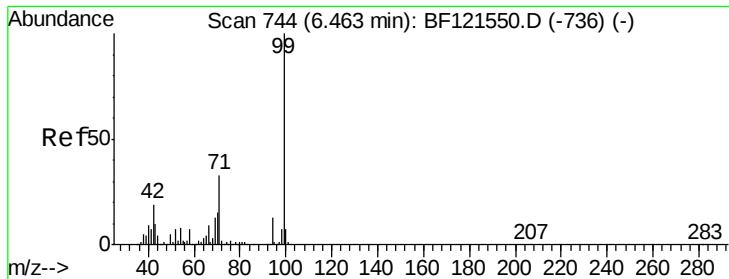
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#6
Aniline
Concen: 16.812 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF121673.D
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Tgt Ion	Ratio	Lower	Upper
93	100		
66	70.5	31.9	47.9#
65	42.3	16.1	24.1#





#7

Phenol-d6

Concen: 99.222 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Tot Ion: 99 Resp: 1273362

Ion Ratio Lower Upper

99 100

42 19.9 15.5 23.3

71 34.7 27.4 41.2

Instrument :

BNA_F

ClientSampleId :

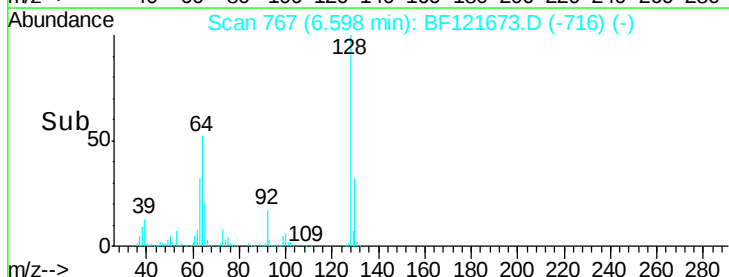
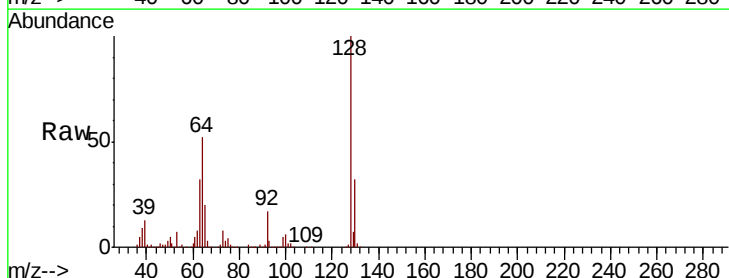
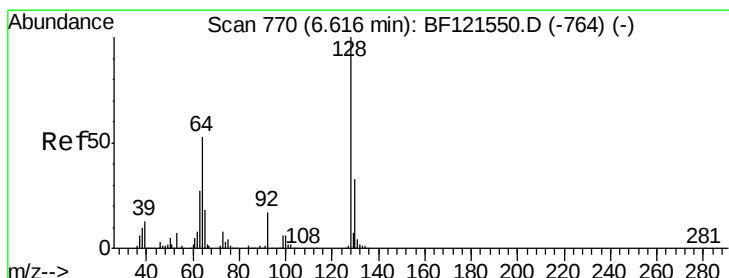
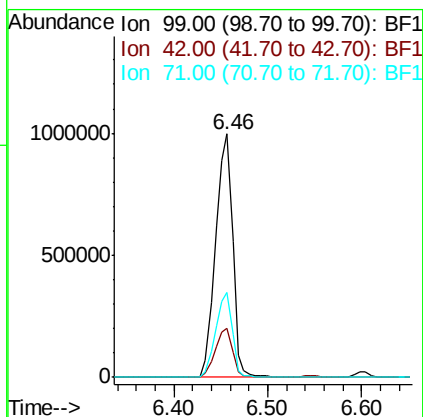
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#8

2-Chlorophenol

Concen: 46.935 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

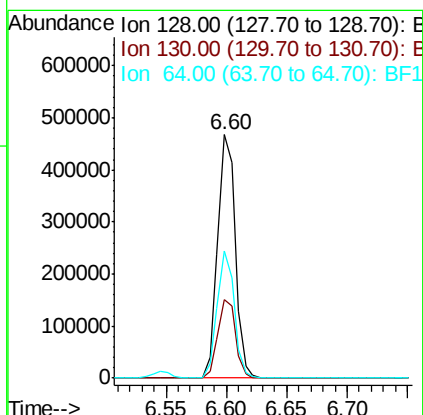
Tgt Ion: 128 Resp: 467445

Ion Ratio Lower Upper

128 100

130 32.2 13.5 53.5

64 52.4 29.3 69.3





#9

Benzaldehyde

Concen: 14.709 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

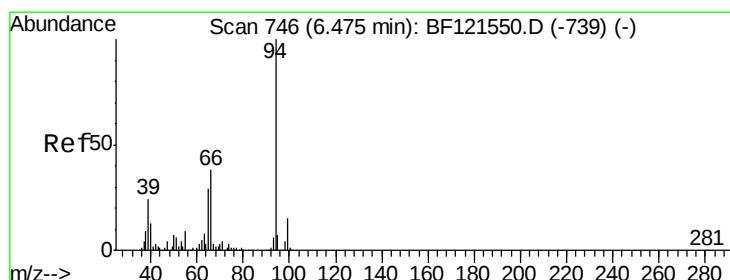
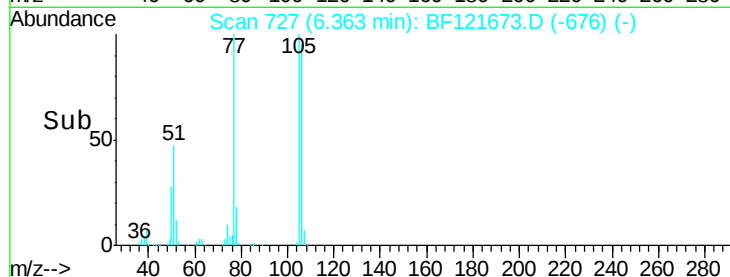
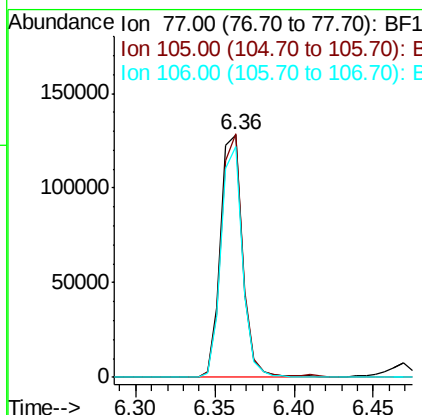
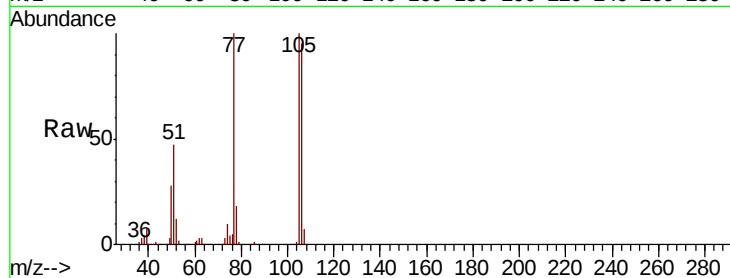
ClientSampleId :

HD-01-092220MSD

Tot Ion:	77	Resp:	123399
Ion	Ratio	Lower	Upper
77	100		
105	100.5	79.2	119.2
106	95.1	72.9	112.9

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#10

Phenol

Concen: 36.480 ng

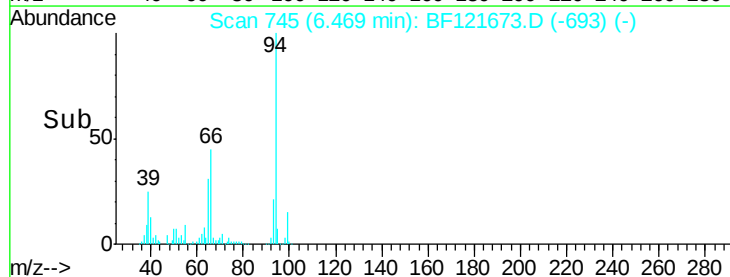
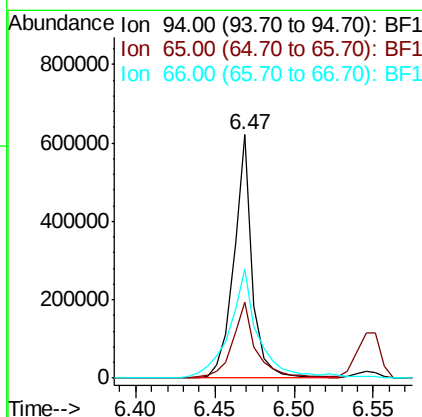
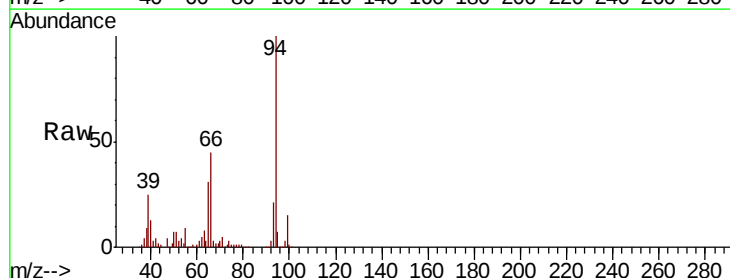
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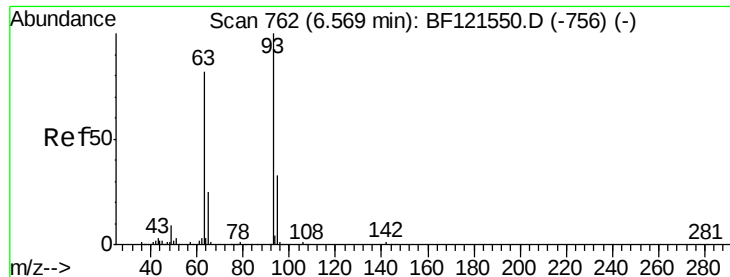
Delta R.T. 0.01 min

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Tgt Ion:	94	Resp:	498540
Ion	Ratio	Lower	Upper
94	100		
65	31.3	17.8	57.8
66	44.9	37.8	77.8





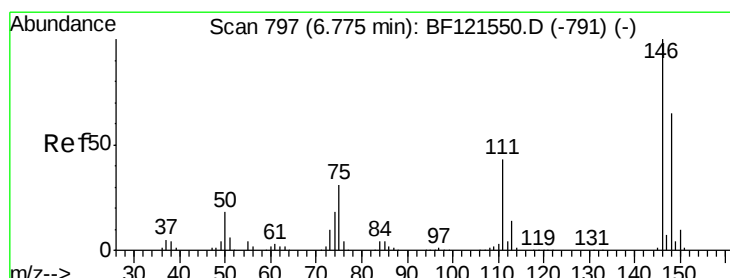
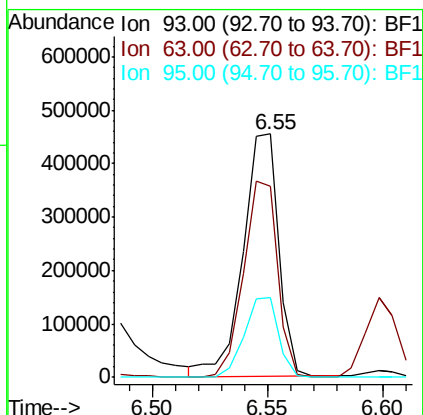
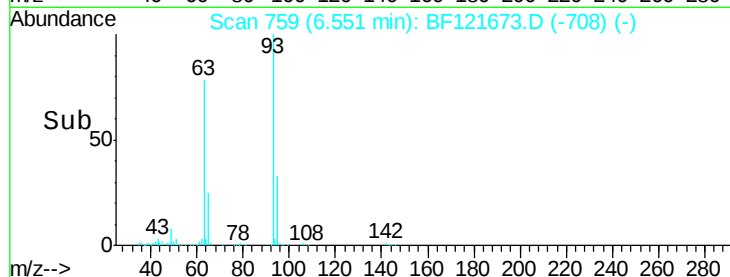
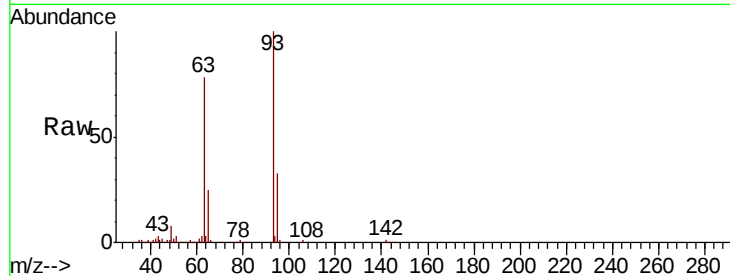
#11
bis(2-Chloroethyl)ether
Concen: 47.822 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		492566		
63	78.4	60.3	100.3		
95	32.7	12.6	52.6		

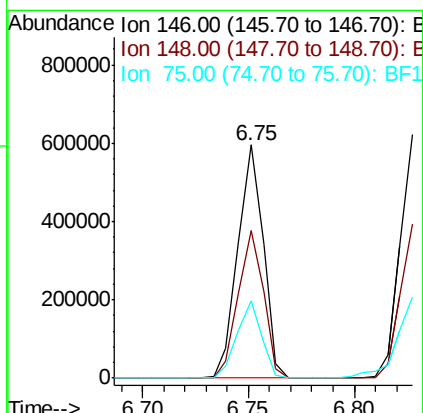
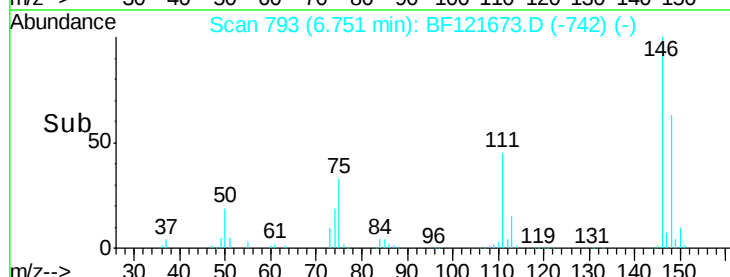
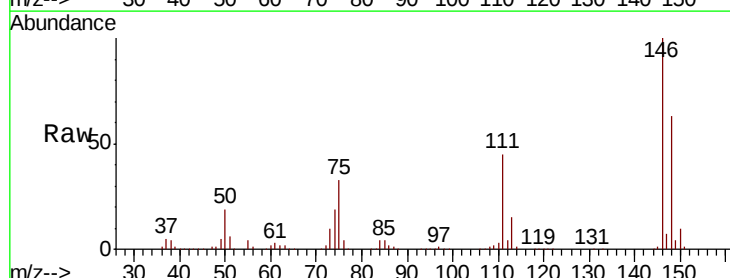
Manual Integrations
APPROVED

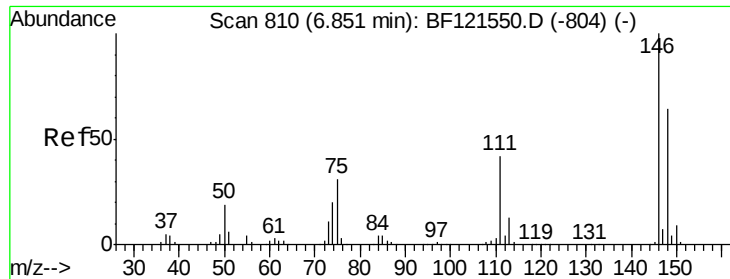
mohammad
9/24/2020 10:46:38 AM



#12
1,3-Dichlorobenzene
Concen: 44.550 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		495234		
148	63.5	50.6	75.8		
75	33.2	23.5	35.3		





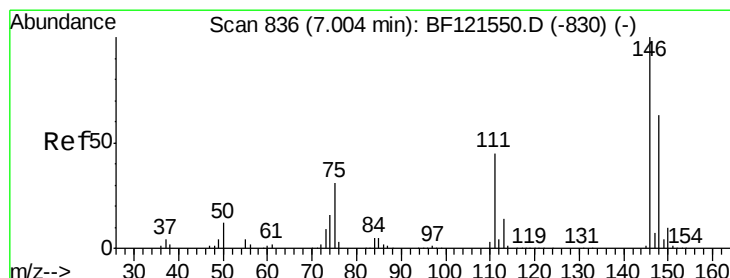
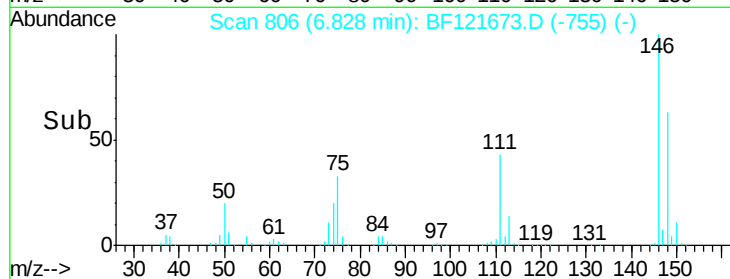
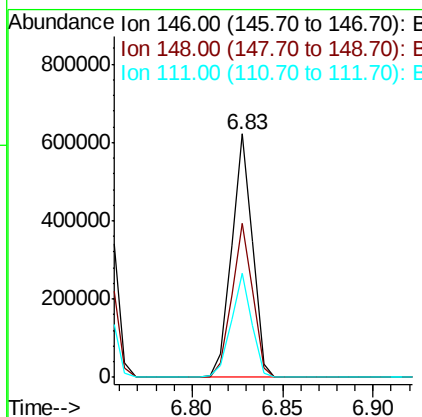
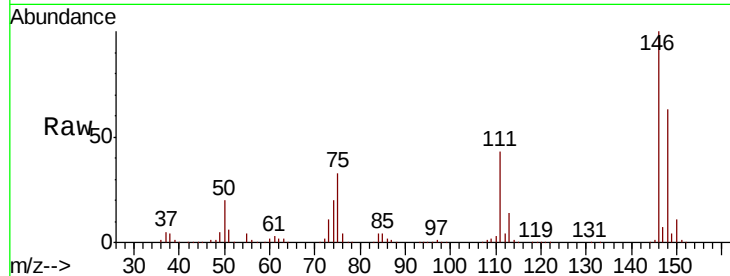
#13
1,4-Dichlorobenzene
Concen: 44.530 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
111	42.9	32.7	49.1

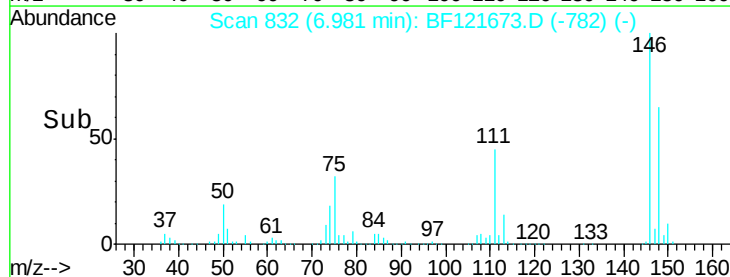
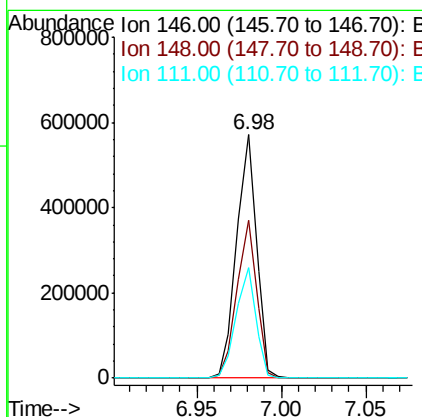
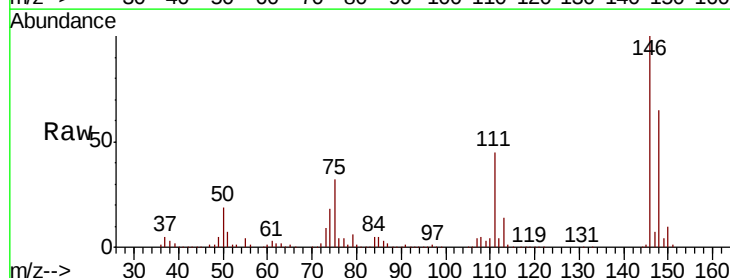
Manual Integrations
APPROVED

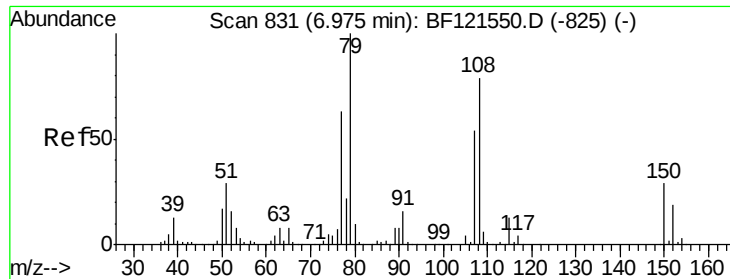
mohammad
9/24/2020 10:46:38 AM



#14
1,2-Dichlorobenzene
Concen: 45.775 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.3	76.9
111	45.3	35.5	53.3





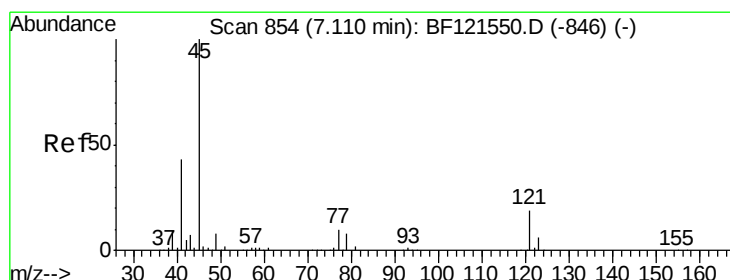
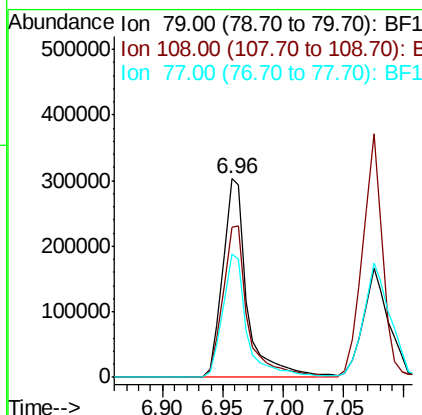
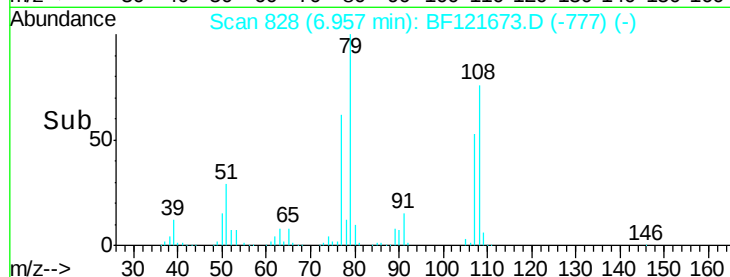
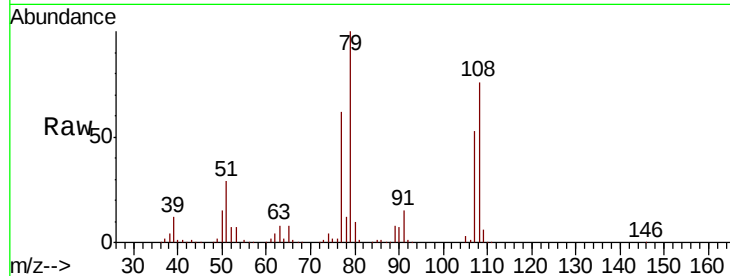
#15
Benzyl Alcohol
Concen: 48.724 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	60.2	90.2
77	62.3	50.6	76.0

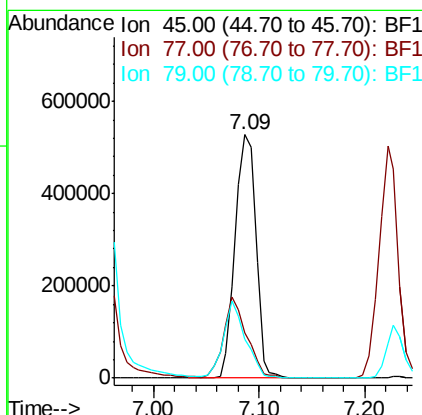
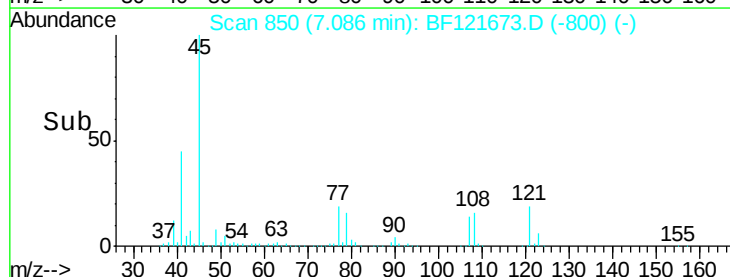
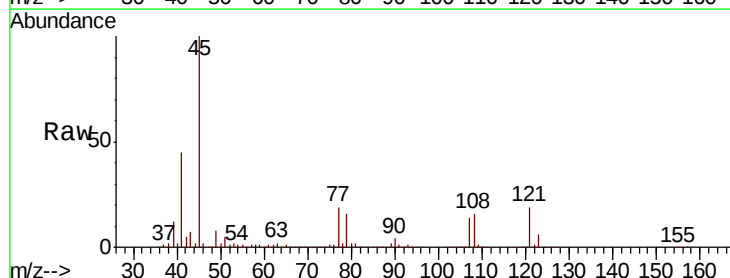
Manual Integrations
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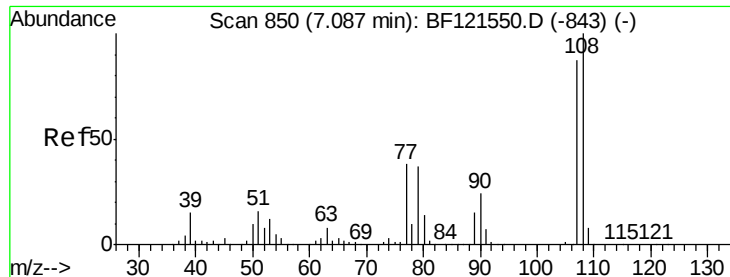
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.952 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.8	0.0	33.8
79	16.0	0.0	31.2





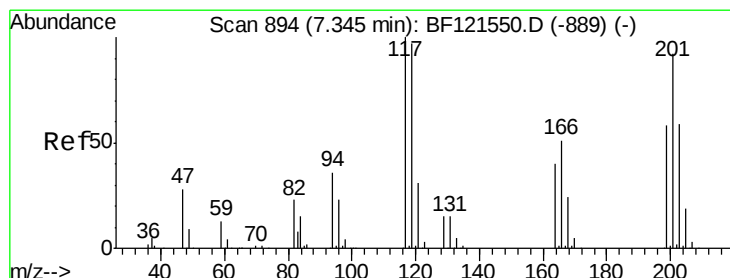
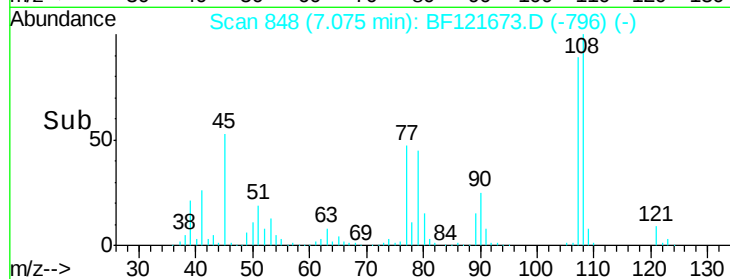
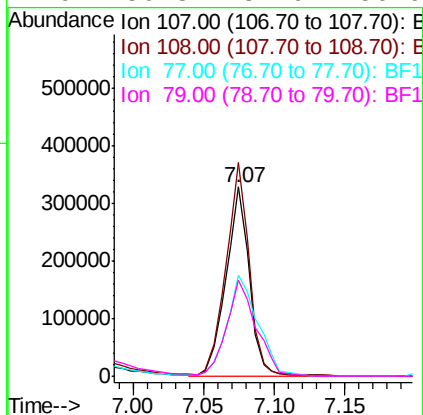
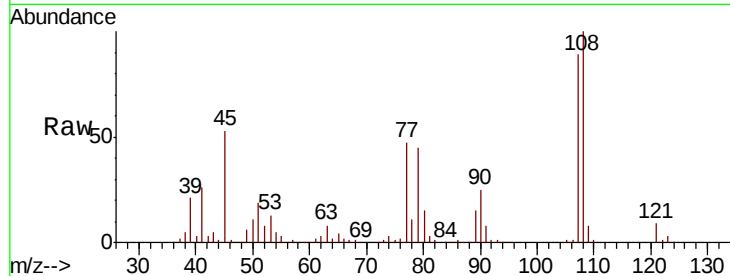
#17
2-Methylphenol
Concen: 44.646 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	90.6	135.8	
77	53.2	38.7	58.1	
79	50.8	37.9	56.9	

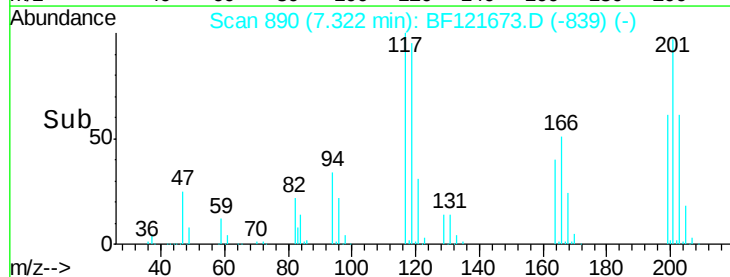
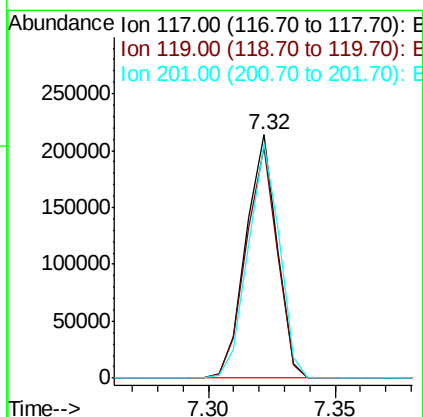
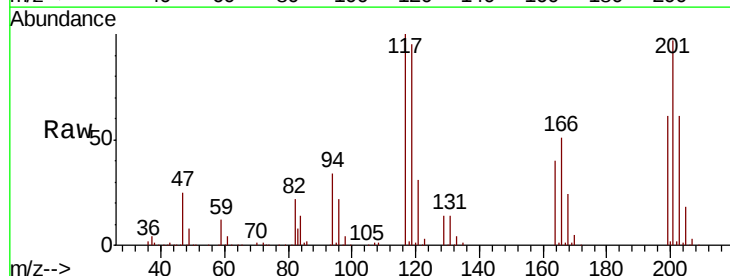
Manual Integrations
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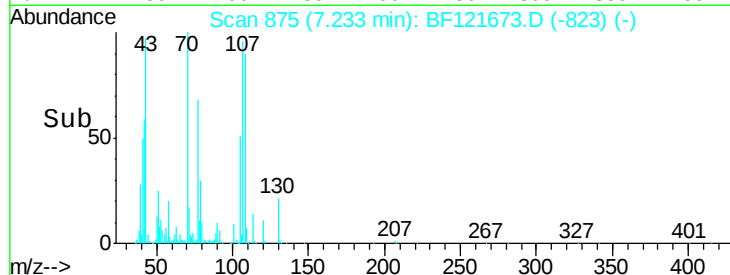
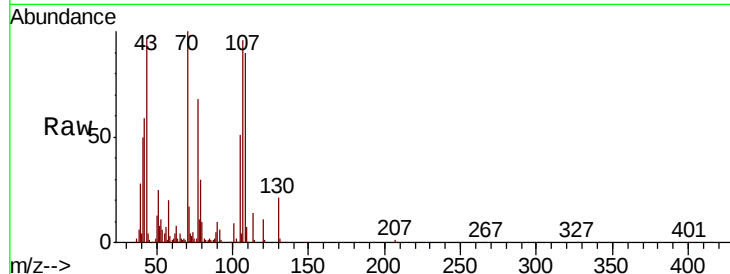
mohammad
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#18
Hexachloroethane
Concen: 45.815 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	75.7	113.5	
201	96.6	77.5	116.3	





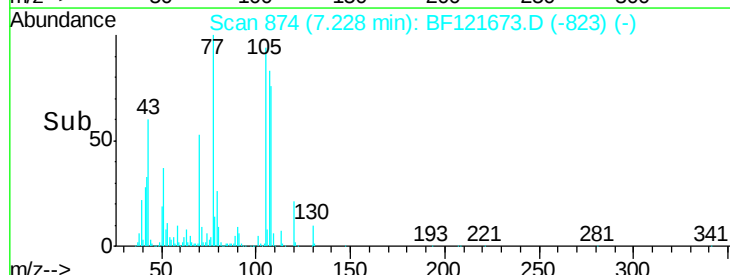
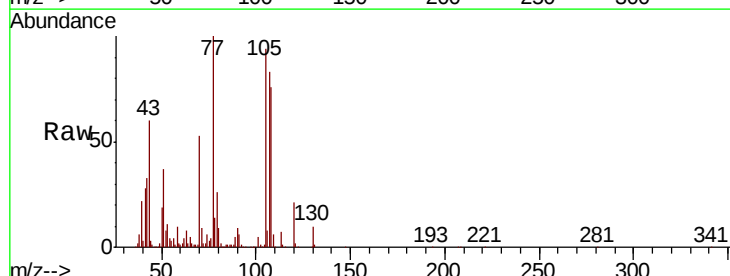
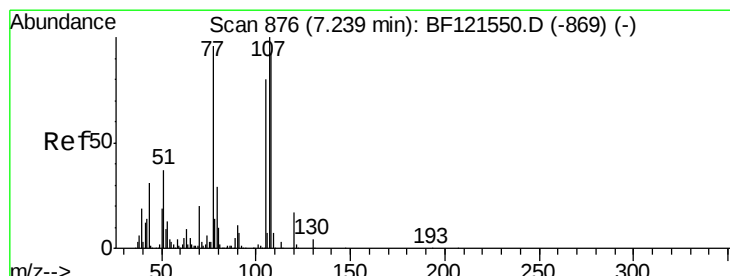
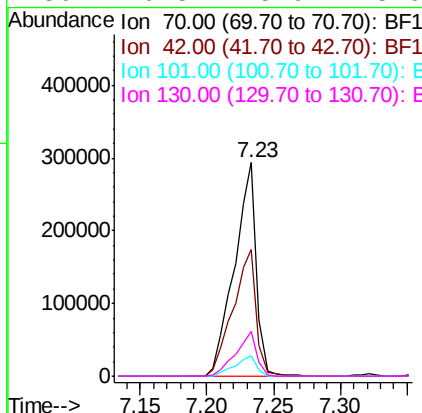
#19
n-Nitroso-di-n-propylamine
Concen: 45.883 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.2	48.3	72.5
101	9.3	7.6	11.4
130	20.8	15.9	23.9

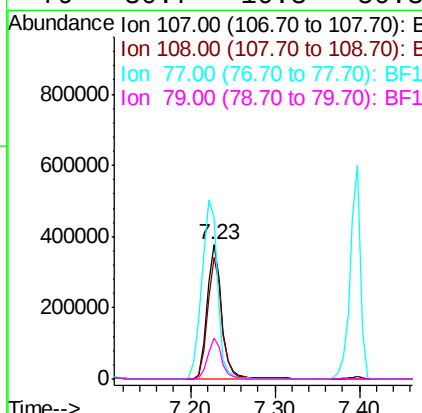
Manual Integrations
APPROVED

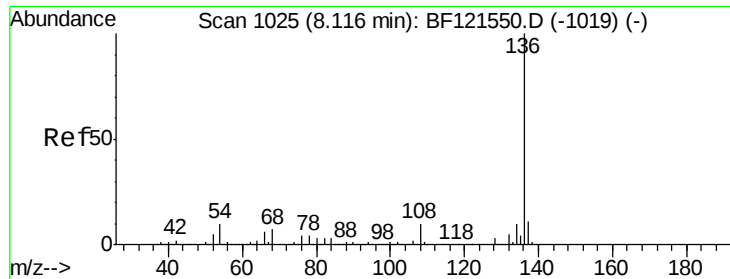
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#20
3+4-Methylphenols
Concen: 44.296 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	67.0	107.0
77	120.0	107.7	147.7
79	30.7	10.3	50.3





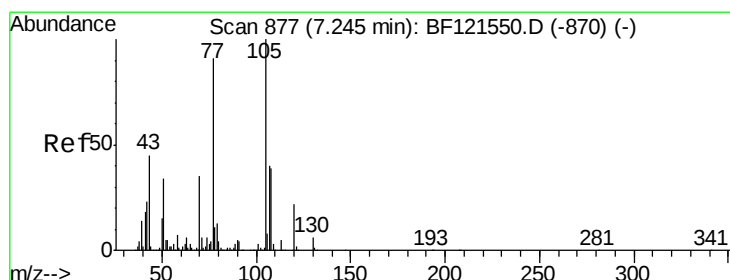
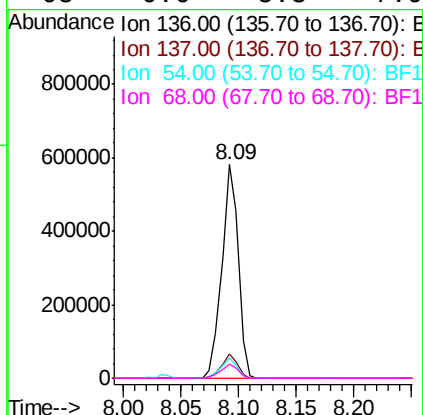
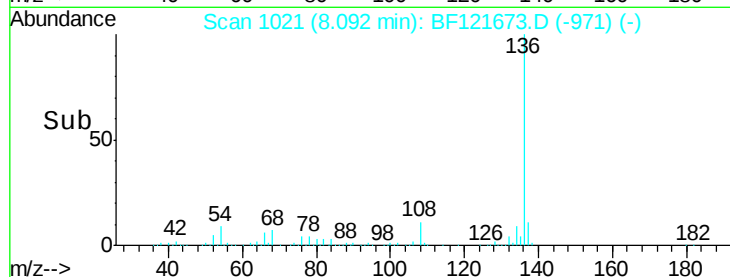
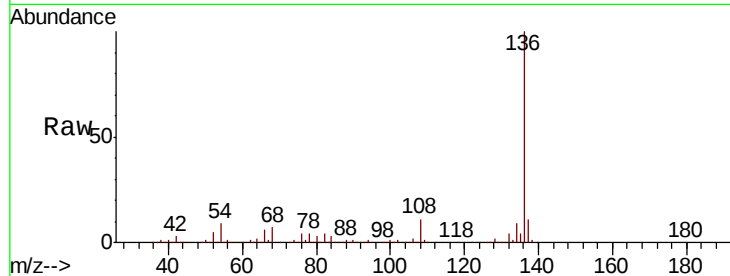
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		576335		
137	11.3		8.9	13.3	
54	9.4		7.4	11.0	
68	6.6		5.3	7.9	

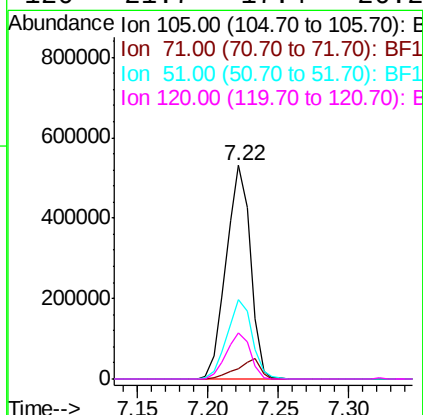
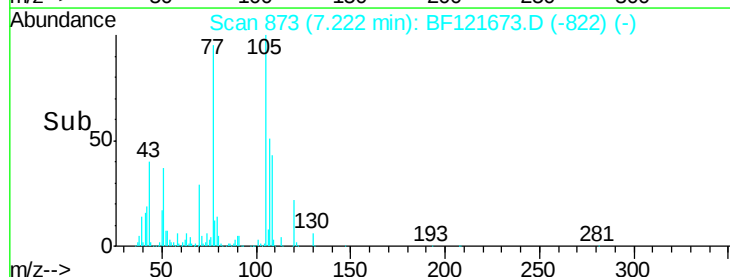
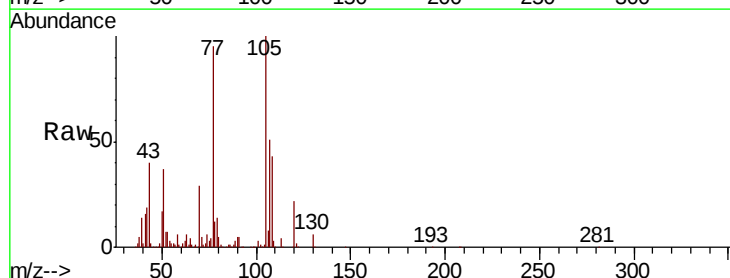
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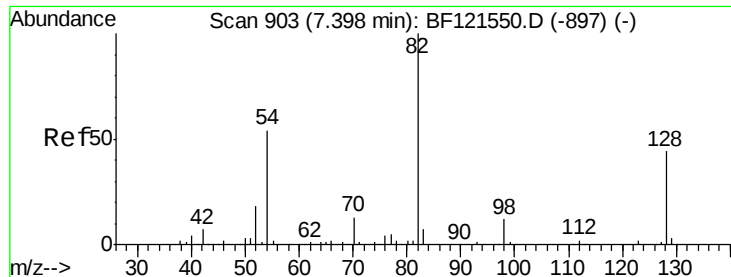
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#22
Acetophenone
Concen: 43.451 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		635367		
71	5.1		5.5	8.3#	
51	37.0		31.7	47.5	
120	21.7		17.4	26.2	





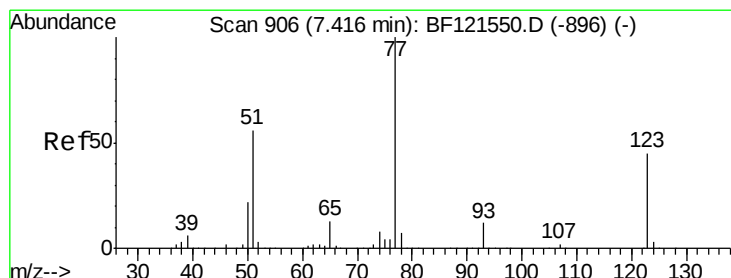
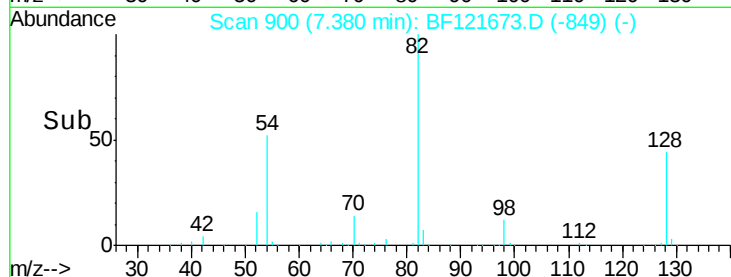
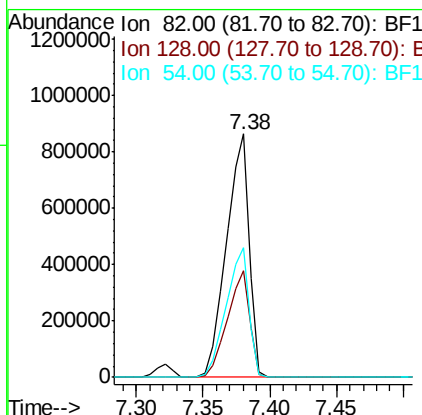
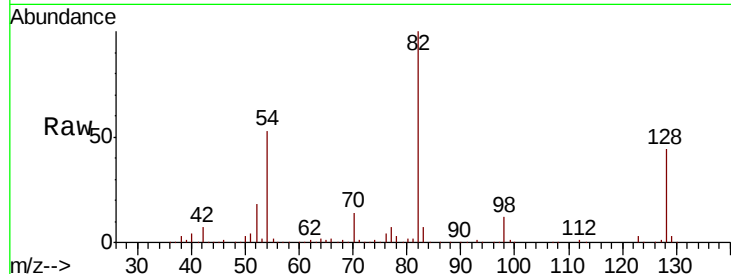
#23
 Nitrobenzene-d5
 Concen: 96.955 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.9	50.9
54	53.4	42.9	64.3

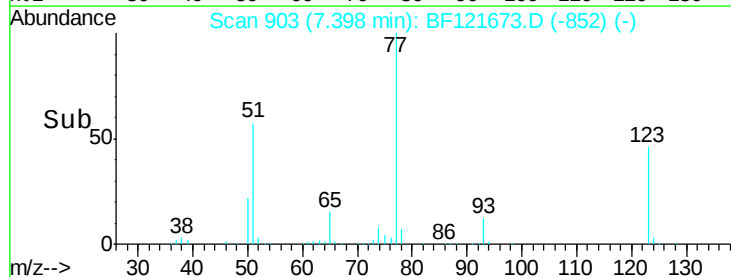
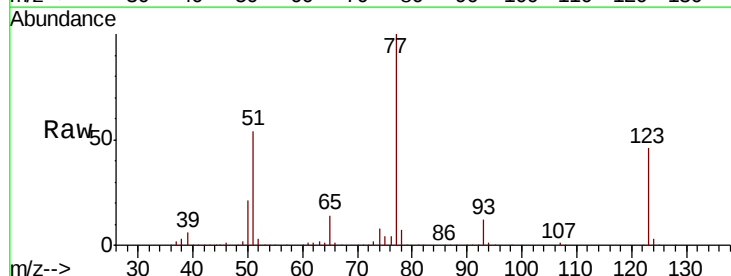
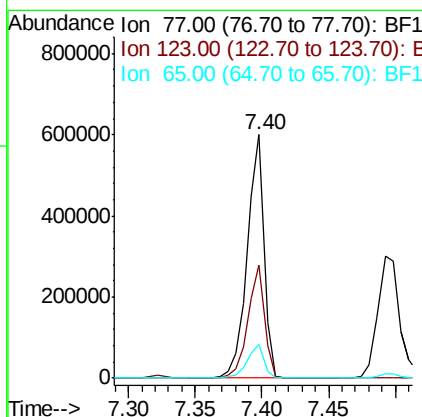
Manual Integrations
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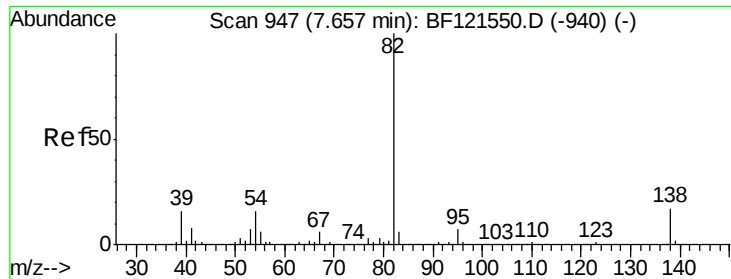
mohammad
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#24
 Nitrobenzene
 Concen: 44.322 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	35.8	53.8
65	13.8	11.2	16.8





#25

Isophorone

Concen: 43.539 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

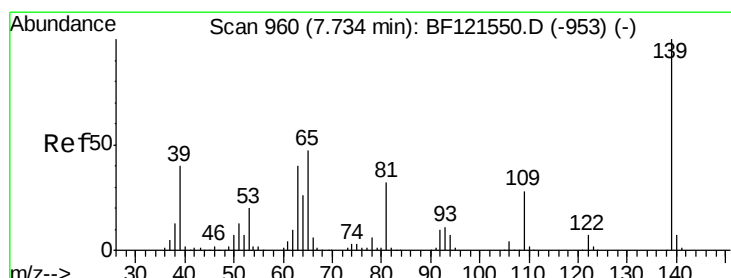
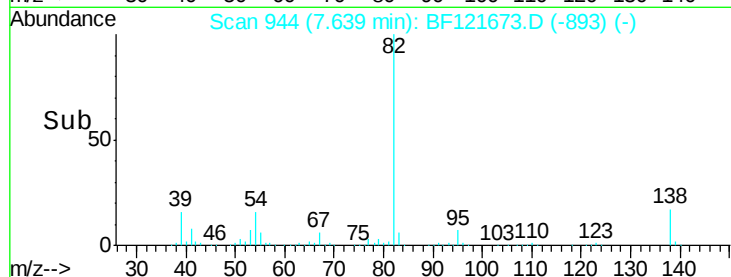
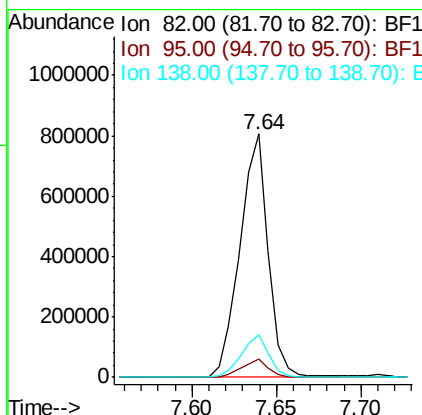
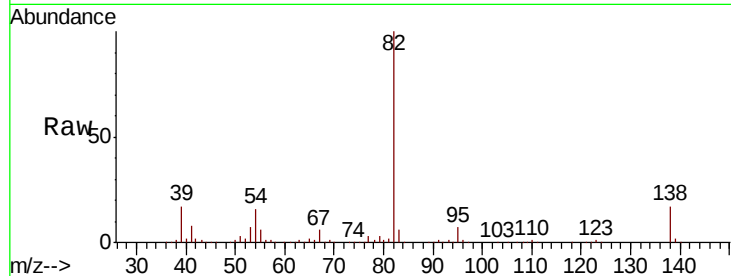
ClientSampleId :

HD-01-092220MSD

Tot Ion:	82	Resp:	940784
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	17.5	13.2	19.8

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#26

2-Nitrophenol

Concen: 45.877 ng

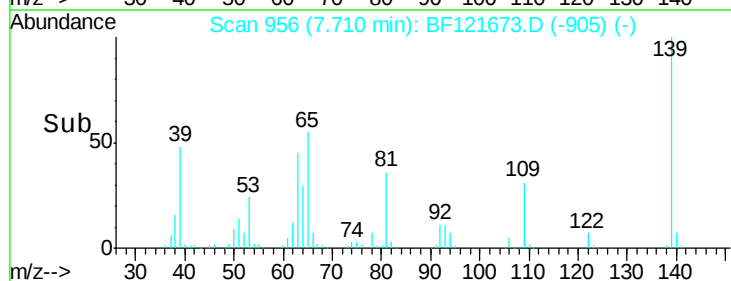
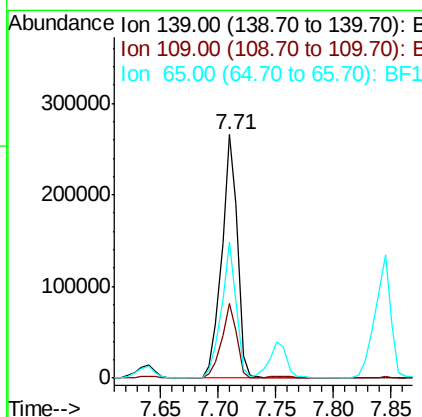
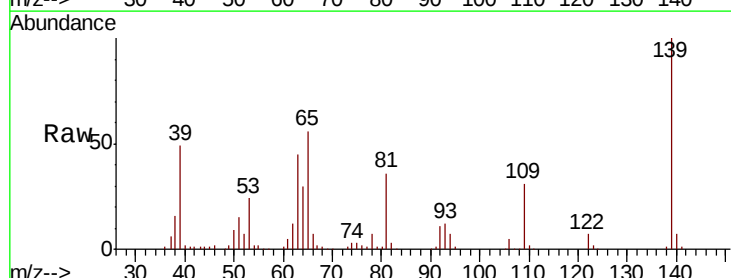
RT: 7.71 min Scan# 956

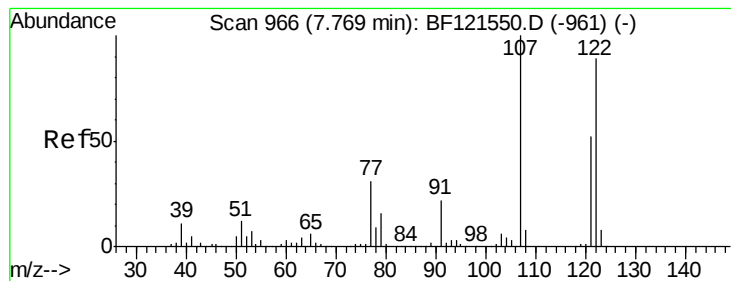
Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Tgt Ion:	139	Resp:	250085
Ion Ratio	Lower	Upper	
139	100		
109	30.7	23.4	35.2
65	55.7	41.0	61.4





#27

2,4-Dimethylphenol

Concen: 42.742 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

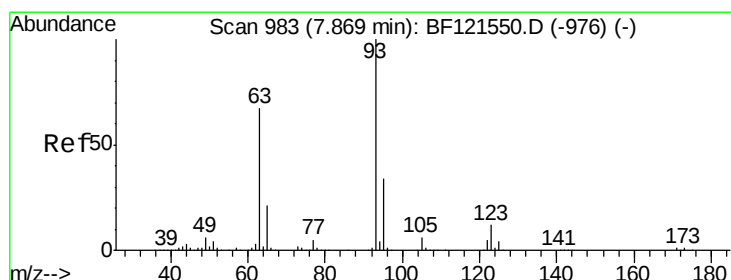
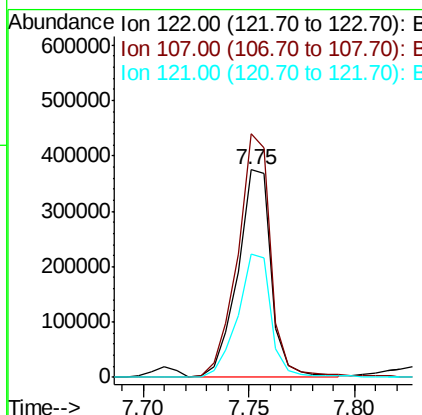
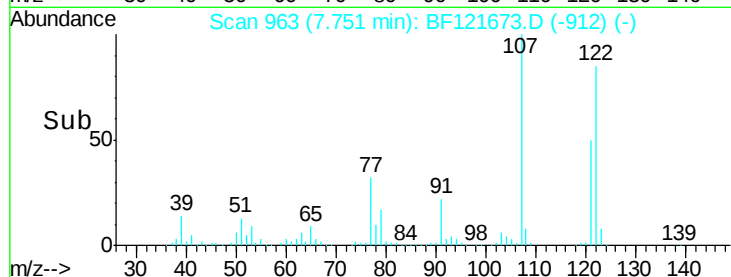
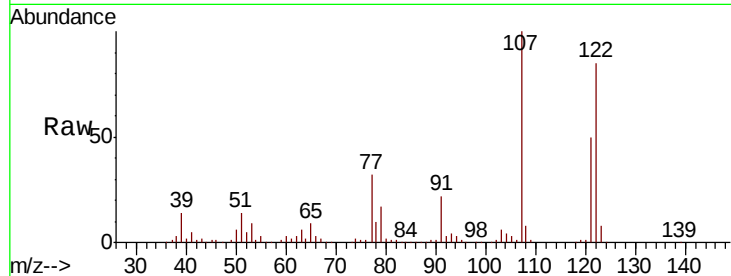
ClientSampleId :

HD-01-092220MSD

Tot Ion:	122	Resp:	412259
Ion Ratio	Lower	Upper	
122	100		
107	117.4	91.4	137.0
121	59.3	46.2	69.2

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#28

bis(2-Chloroethoxy)methane

Concen: 44.161 ng

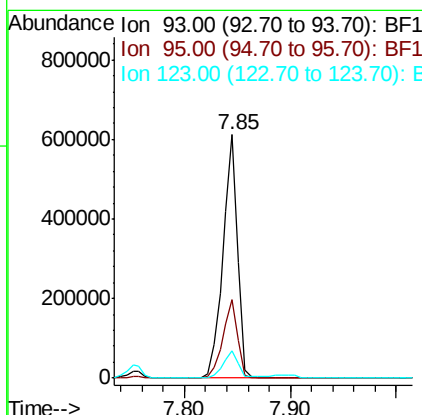
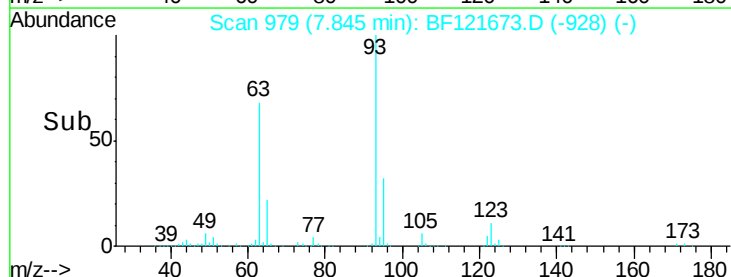
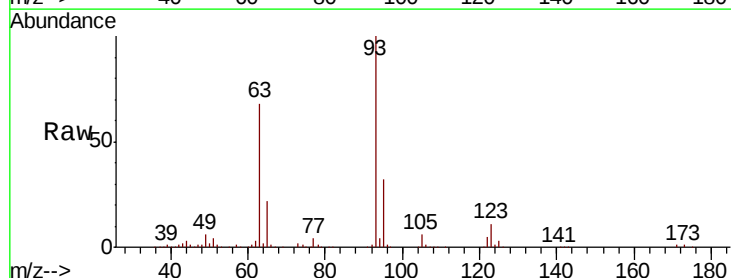
RT: 7.85 min Scan# 979

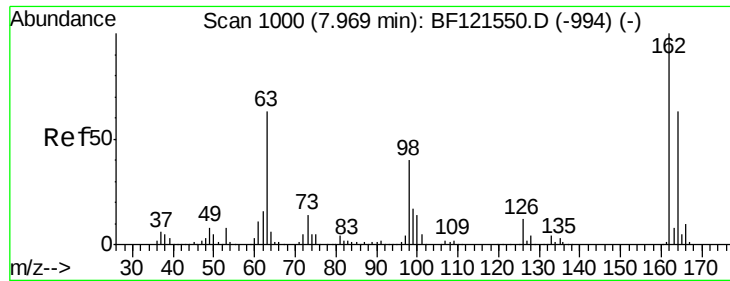
Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Tgt Ion:	93	Resp:	590737
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.3	39.5
123	11.4	9.3	13.9





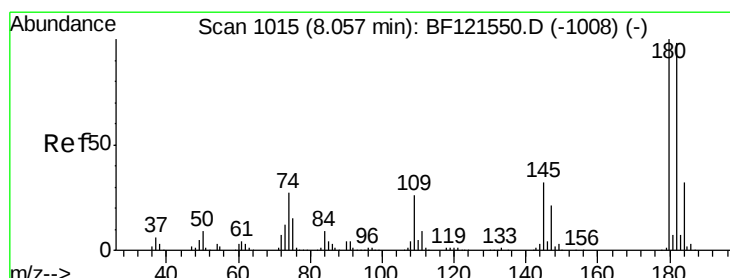
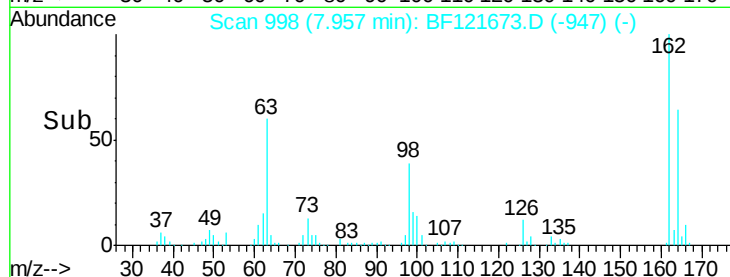
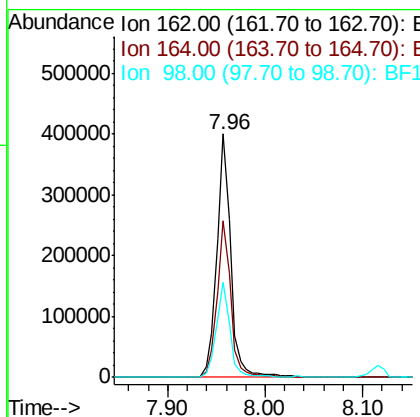
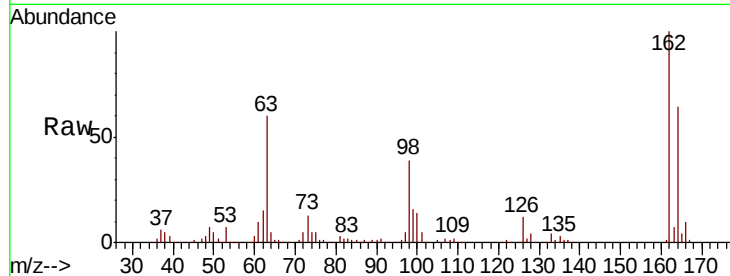
#29
 2,4-Dichlorophenol
 Concen: 45.410 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Instrument :
 BNA_F
 ClientSampleID :
 HD-01-092220MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	64.4	44.1	84.1		
98	39.2	16.7	56.7		

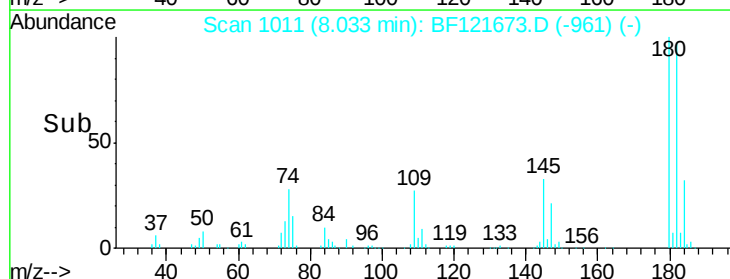
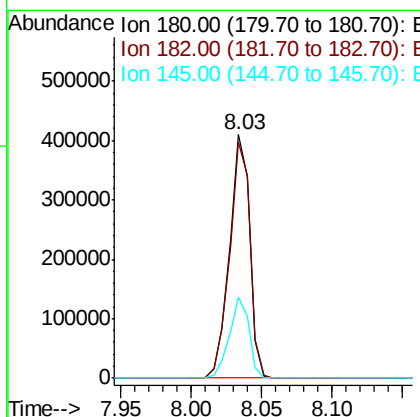
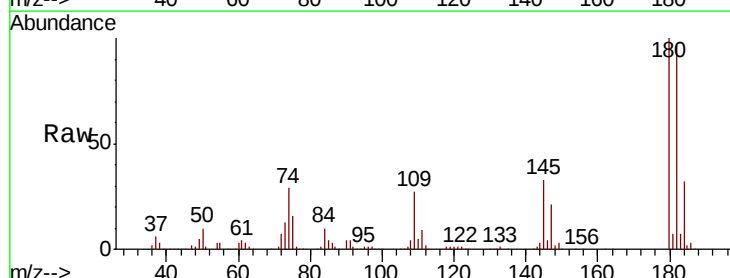
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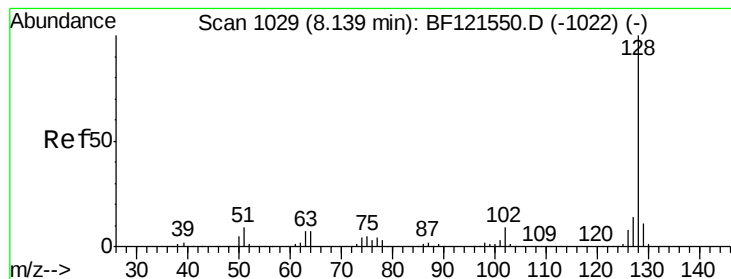
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.033 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	97.0	78.6	117.8		
145	33.4	26.2	39.2		





#31

Naphthalene

Concen: 43.638 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

Tot Ion:128 Resp: 1327625

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

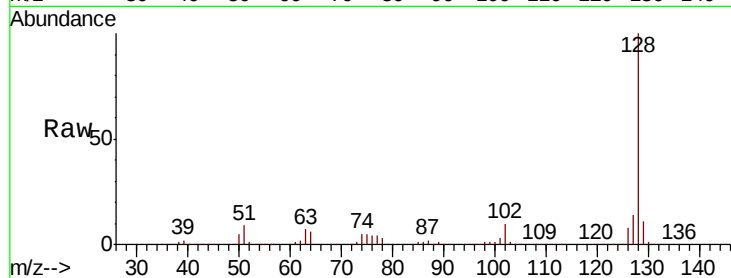
127 13.5 10.8 16.2

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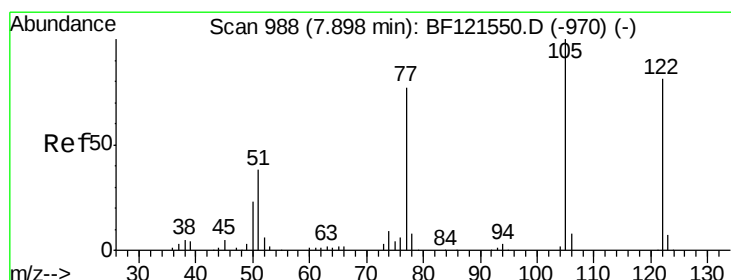
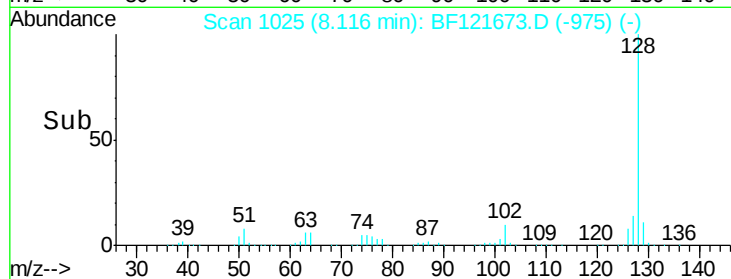
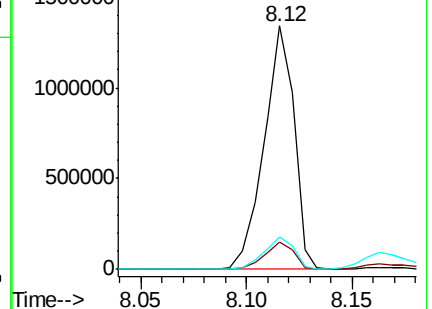
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.373 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.02 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

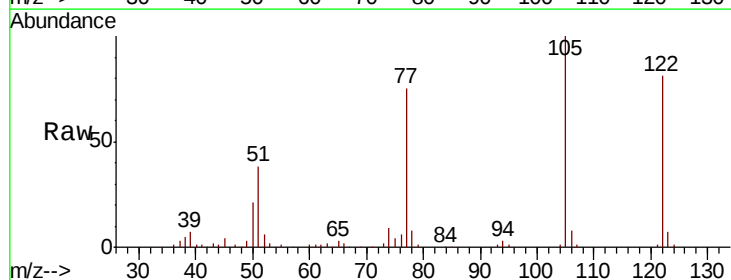
Tgt Ion:122 Resp: 272855

Ion Ratio Lower Upper

122 100

105 124.2 101.9 141.9

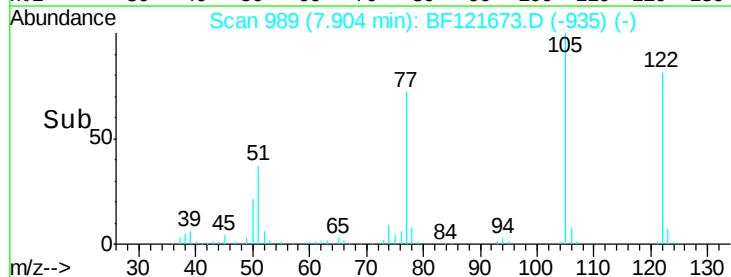
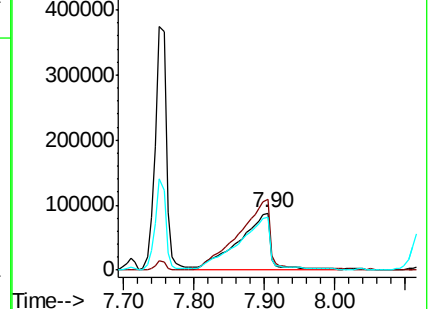
77 92.6 69.0 109.0

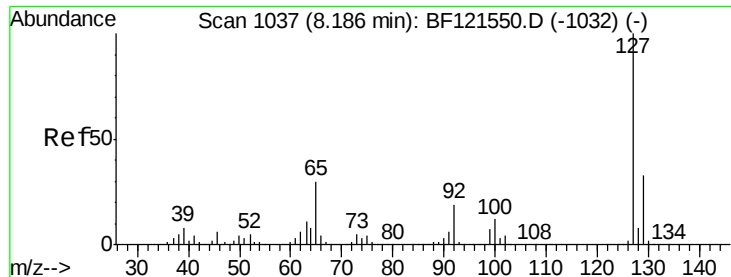


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





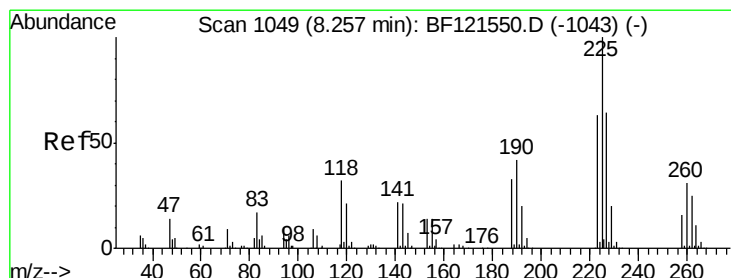
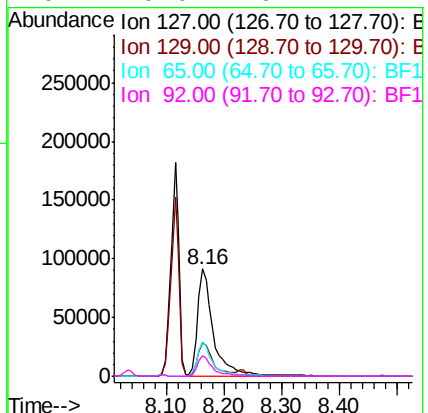
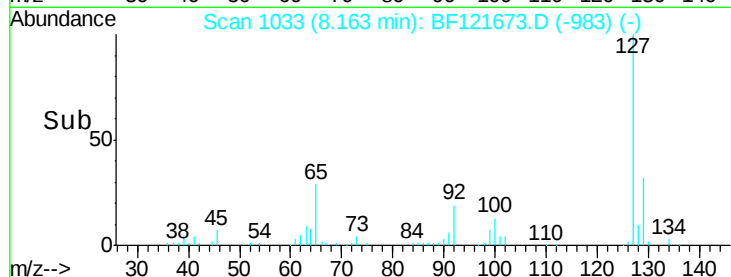
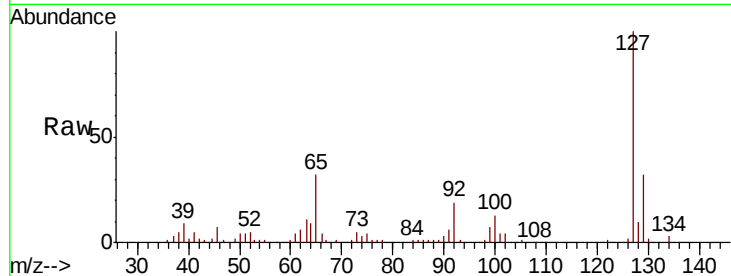
#33
4-Chloroaniline
Concen: 13.495 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		177970		
129	31.6	25.8	38.8		
65	31.7	26.3	39.5		
92	19.0	16.2	24.4		

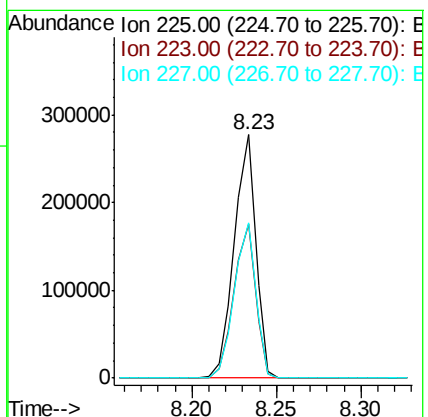
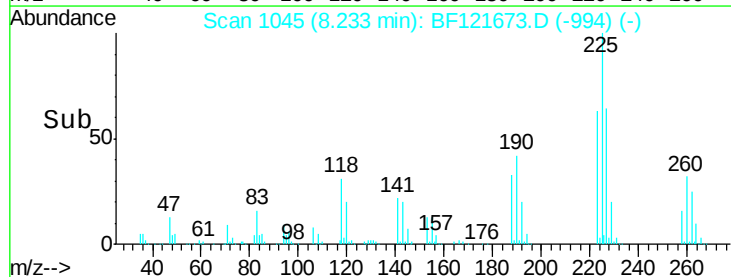
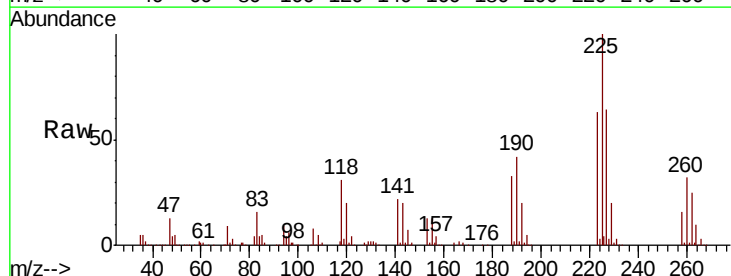
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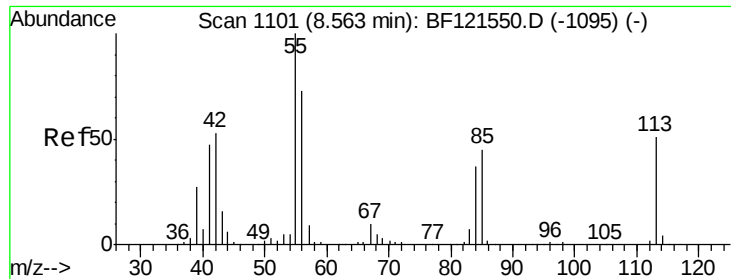
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#34
Hexachlorobutadiene
Concen: 45.376 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		246426		
223	63.4	51.4	77.2		
227	64.0	51.7	77.5		





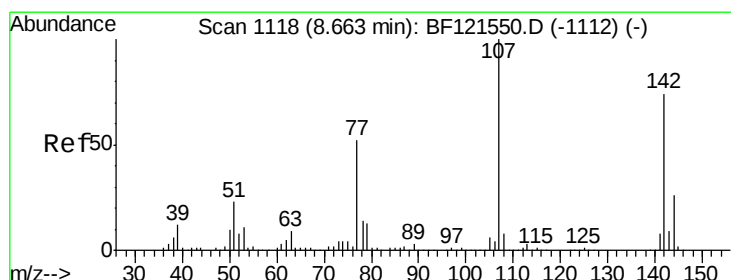
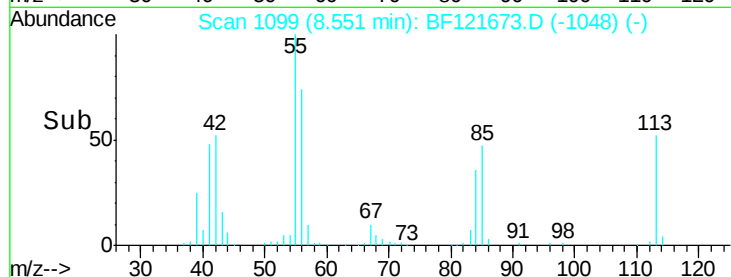
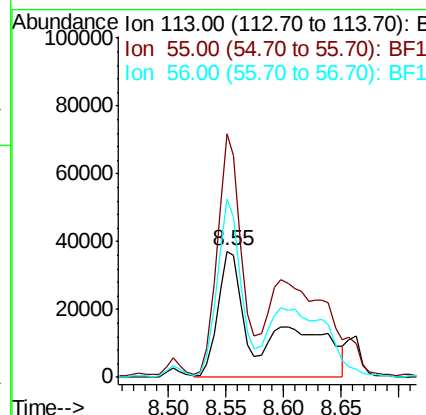
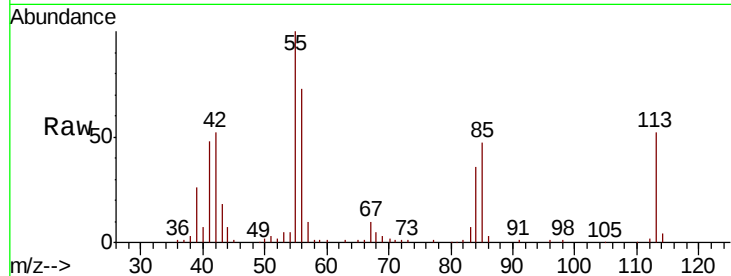
#35
 Caprolactam
 Concen: 37.247 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	193.1	166.3	206.3
56	141.7	118.7	158.7

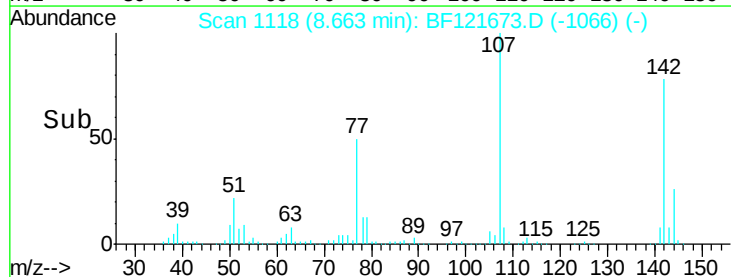
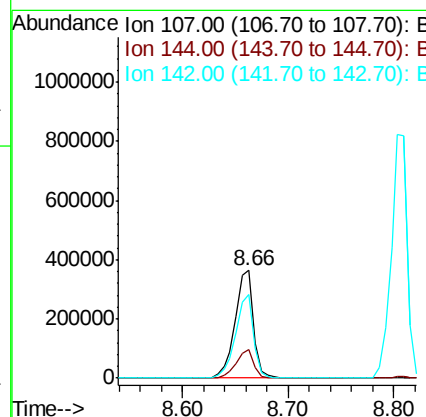
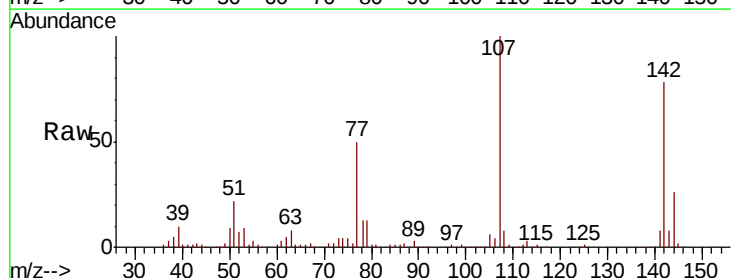
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#36
 4-Chloro-3-methylphenol
 Concen: 45.678 ng/ml
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.6	31.0
142	77.8	61.7	92.5





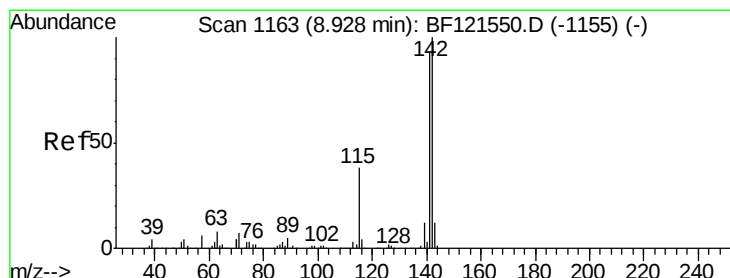
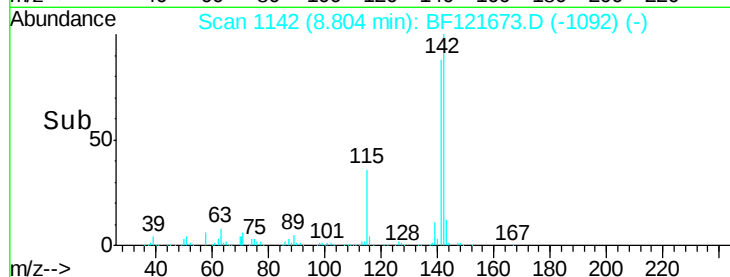
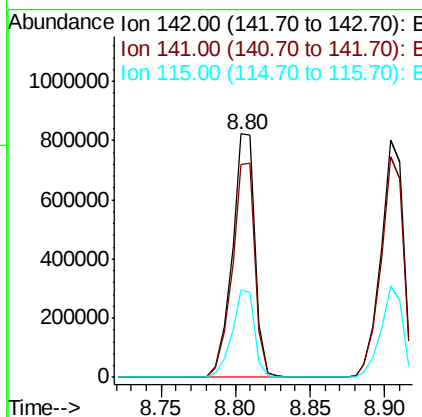
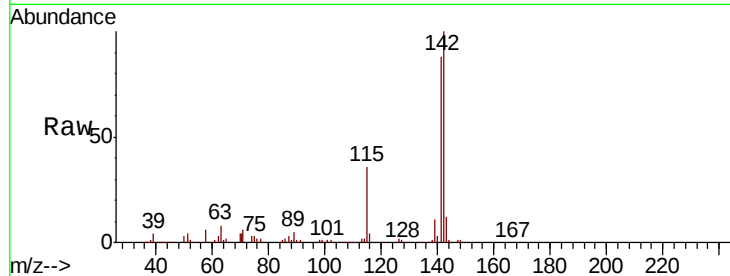
#37
2-Methylnaphthalene
Concen: 44.324 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	72.2	108.2
115	36.1	28.5	42.7

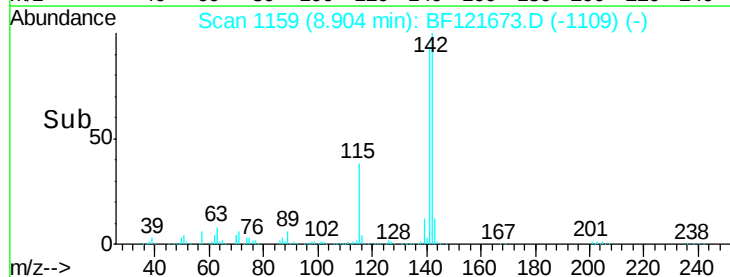
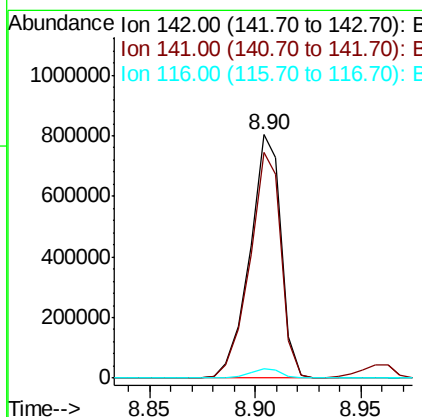
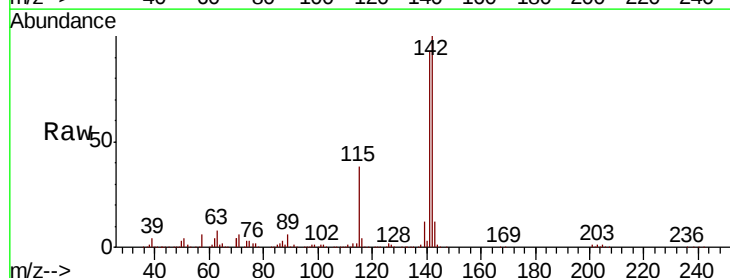
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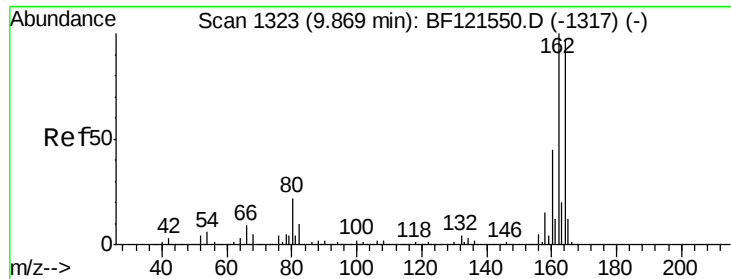
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#38
1-Methylnaphthalene
Concen: 44.525 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.8	110.8
116	4.1	3.3	4.9





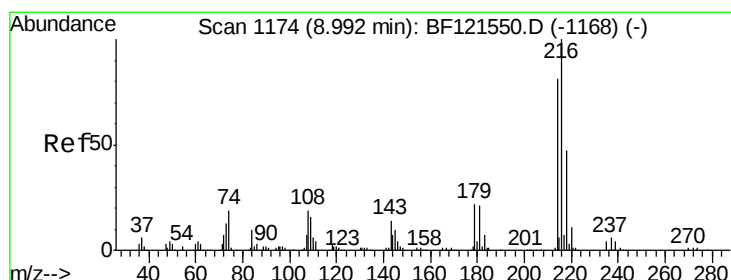
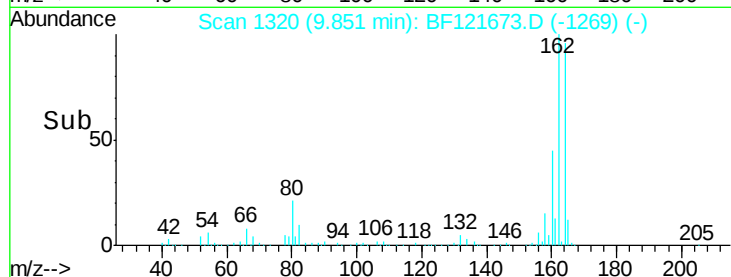
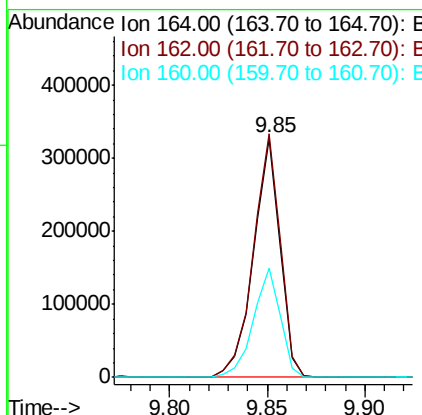
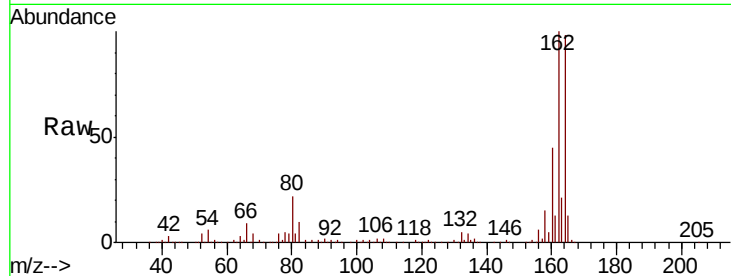
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.2	121.8
160	45.6	36.2	54.4

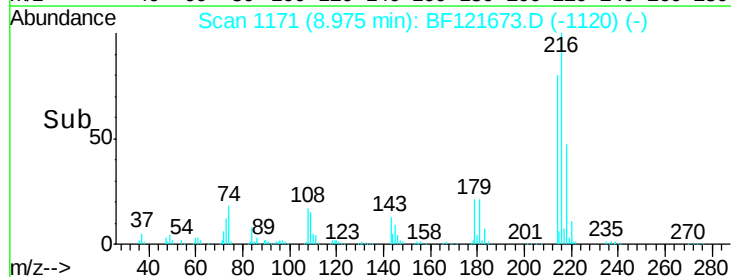
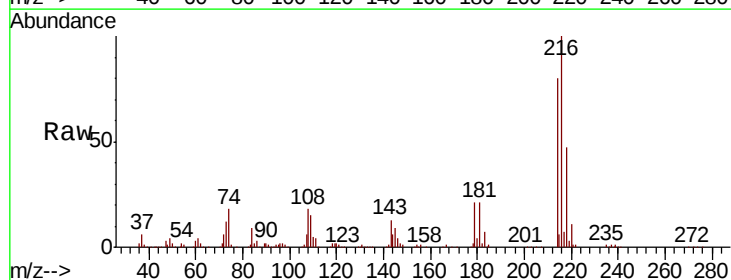
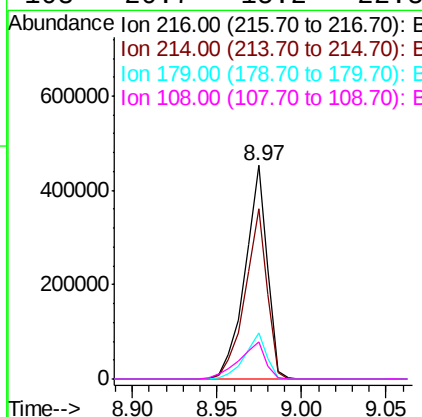
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.196 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	20.9	16.6	24.8
108	20.7	15.2	22.8





#41

Hexachlorocyclopentadiene

Concen: 75.398 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

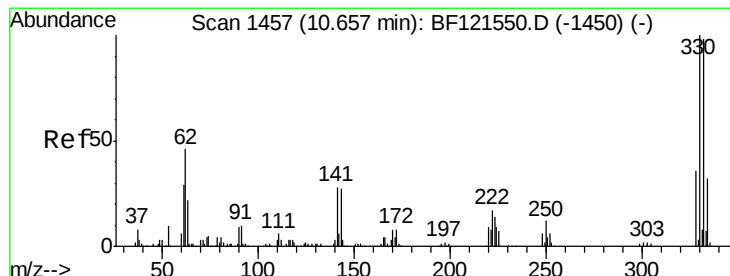
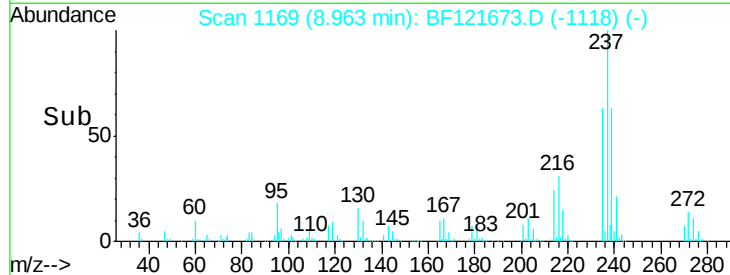
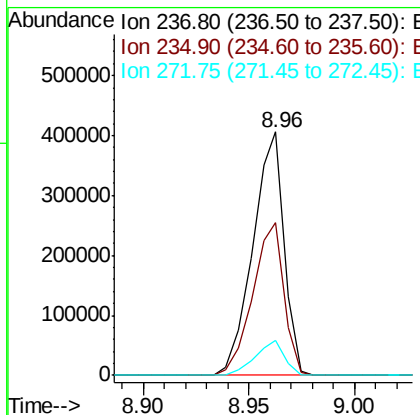
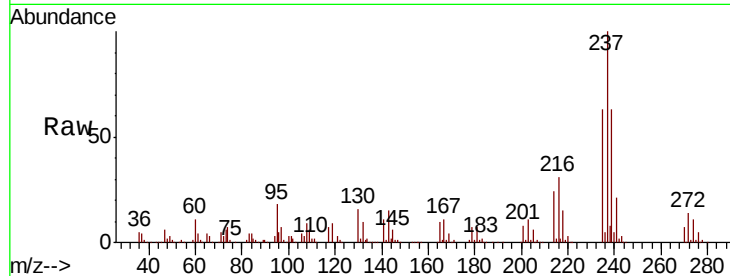
ClientSampleId :

HD-01-092220MSD

Tot Ion:	237	Resp:	415604
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.4	83.4
272	14.2	0.0	34.1

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#42

2,4,6-Tribromophenol

Concen: 135.041 ng

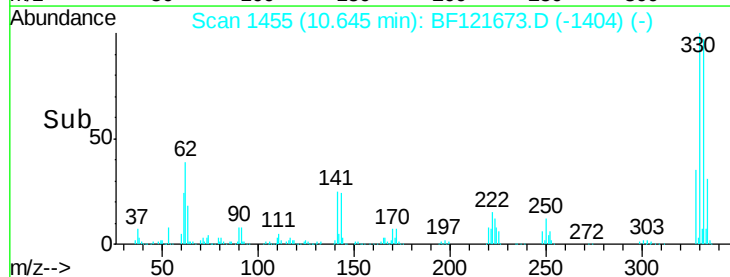
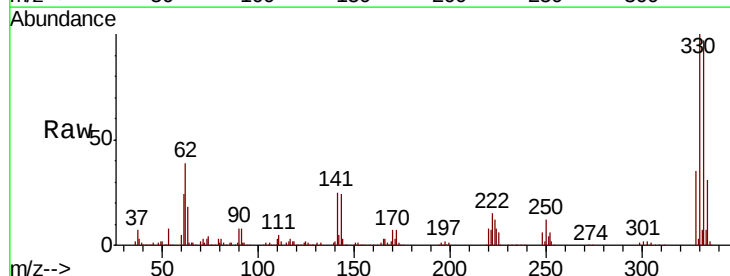
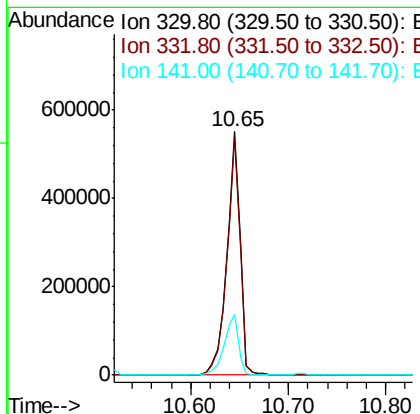
RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Tgt Ion:	330	Resp:	518625
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.9	115.3
141	26.9	22.4	33.6





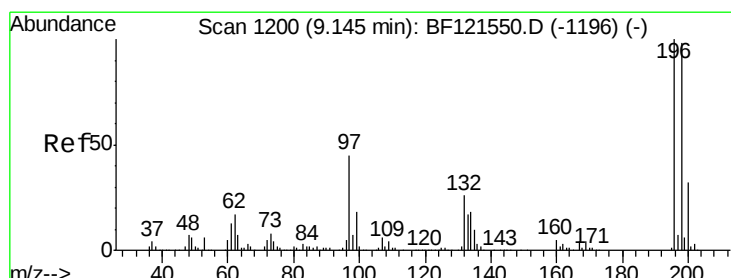
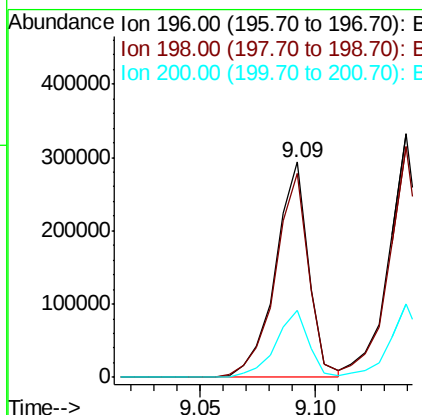
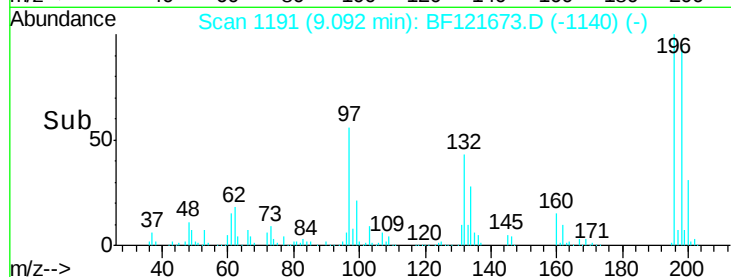
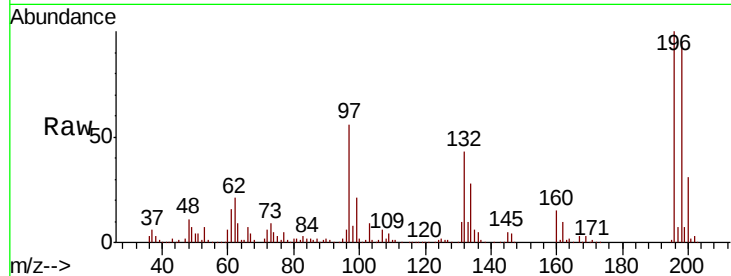
#43
2,4,6-Trichlorophenol
Concen: 44.478 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	292626		
198	94.6	75.4	113.2	
200	30.8	24.5	36.7	

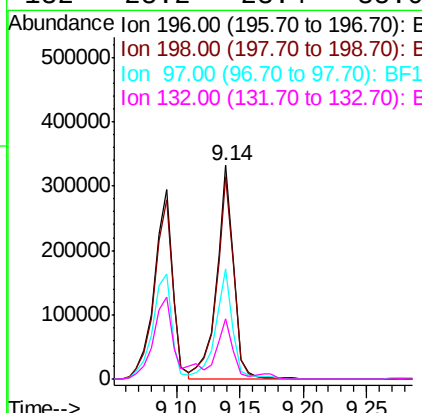
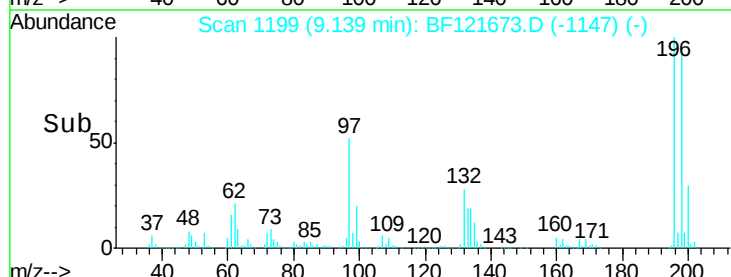
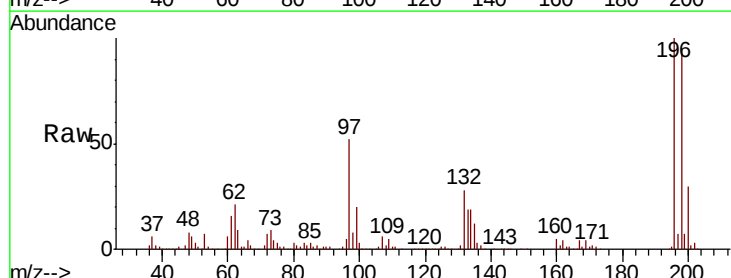
Manual Integrations
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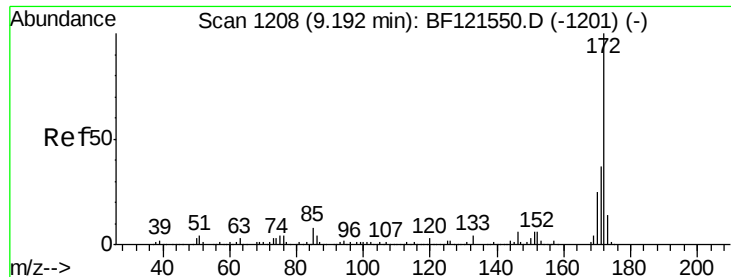
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 44.950 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	312636		
198	94.9	74.3	111.5	
97	51.6	44.2	66.2	
132	28.2	23.4	35.0	





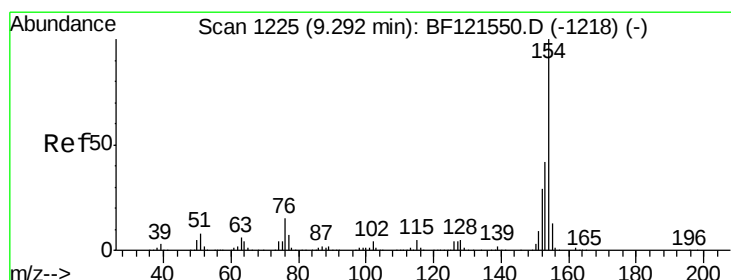
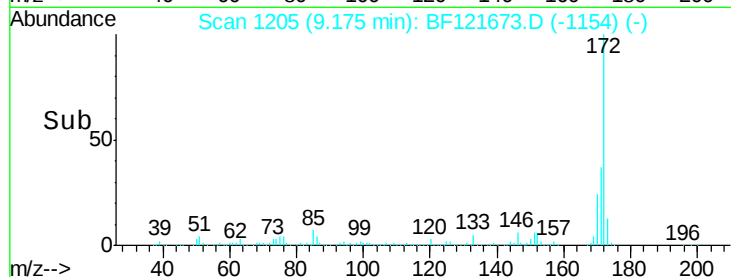
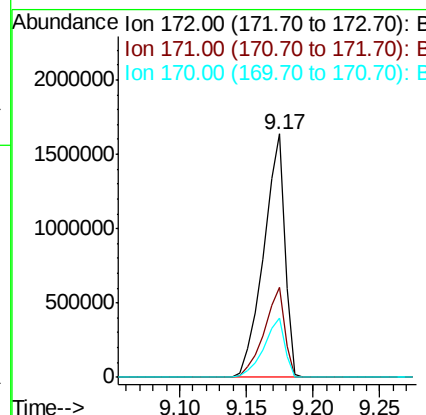
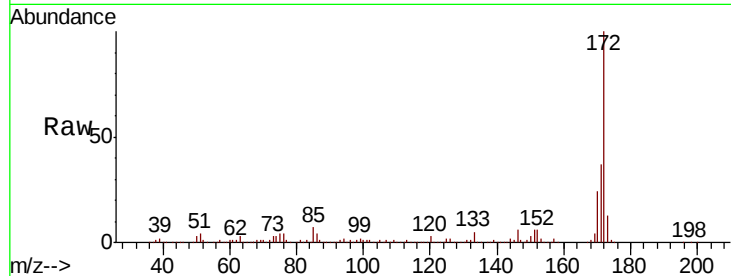
#45
2-Fluorobiphenyl
Concen: 87.154 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.3	43.9
170	24.4	19.5	29.3

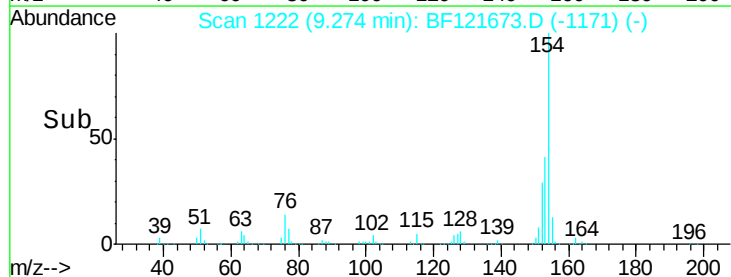
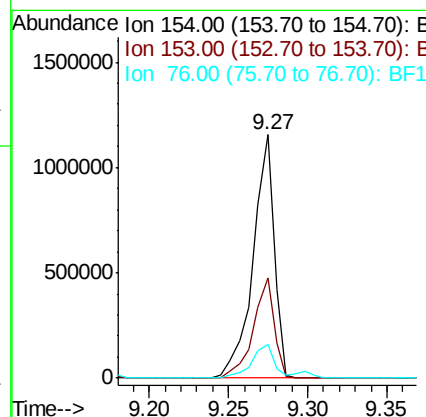
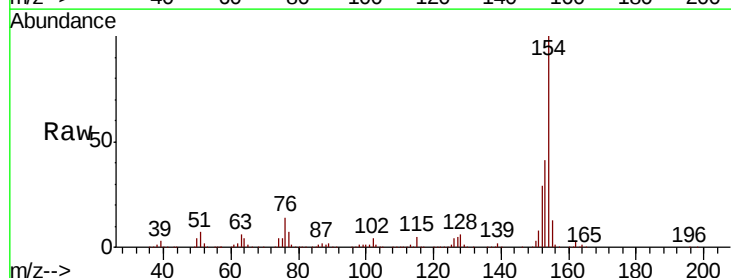
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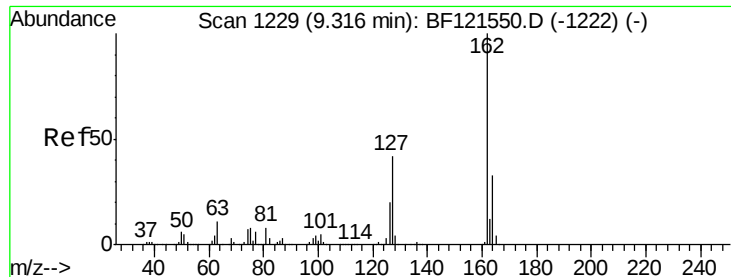
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#46
1,1'-Biphenyl
Concen: 43.220 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.1	61.1
76	13.7	0.0	34.1





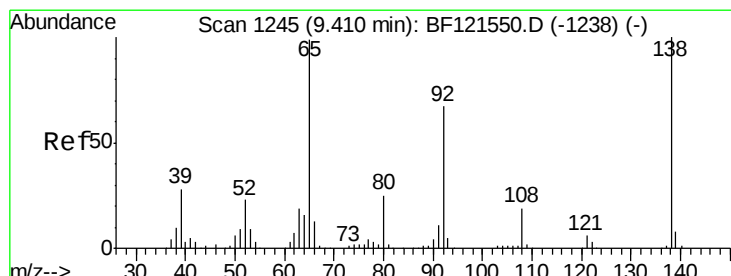
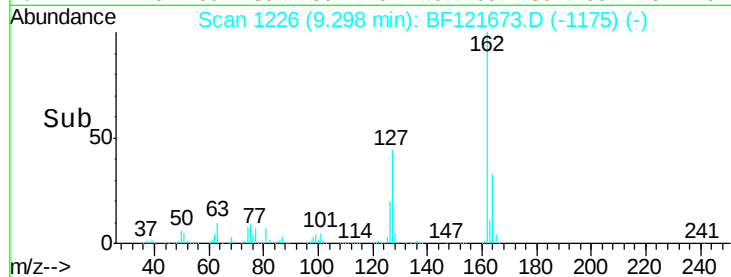
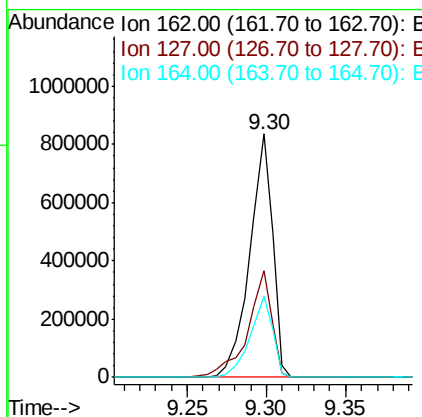
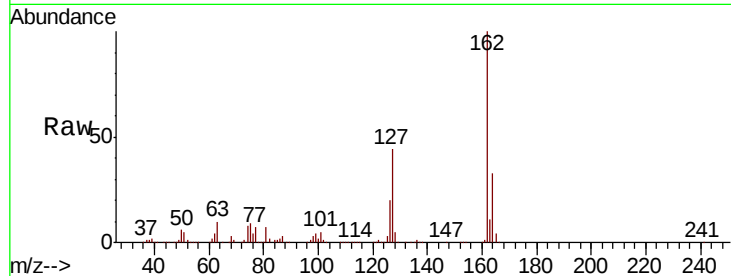
#47
2-Chloronaphthalene
Concen: 42.717 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.6	34.2	51.4
164	33.5	27.0	40.4

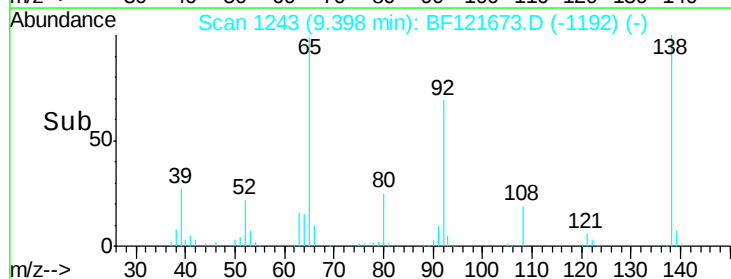
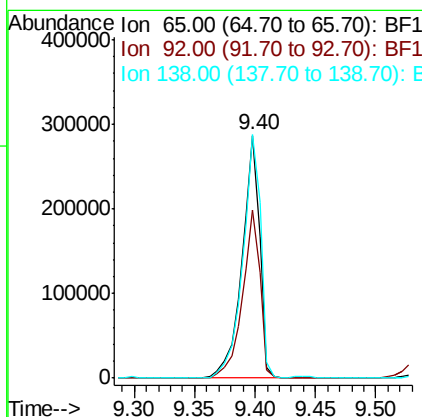
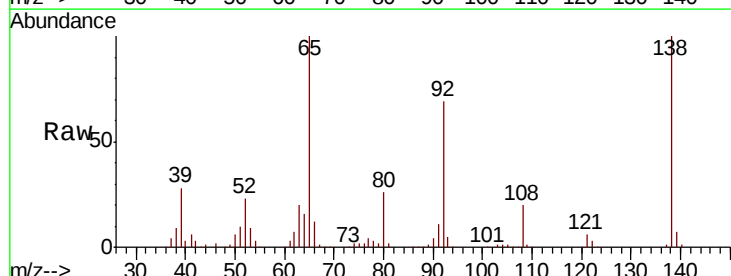
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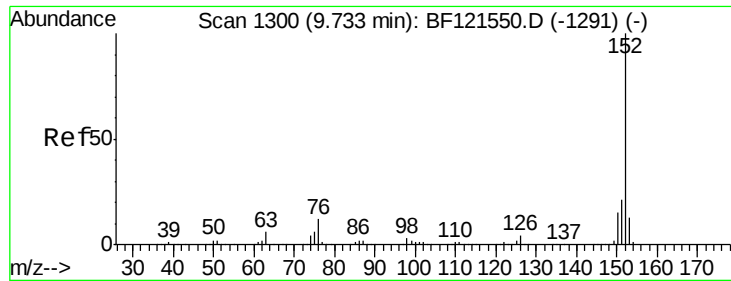
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#48
2-Nitroaniline
Concen: 48.234 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	56.0	84.0
138	100.2	84.7	127.1





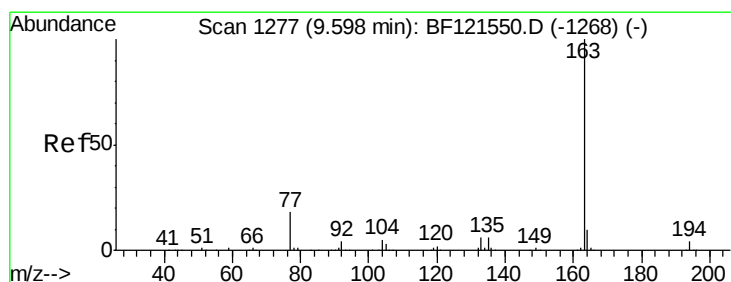
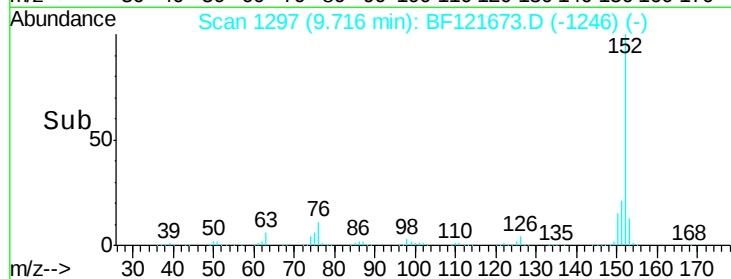
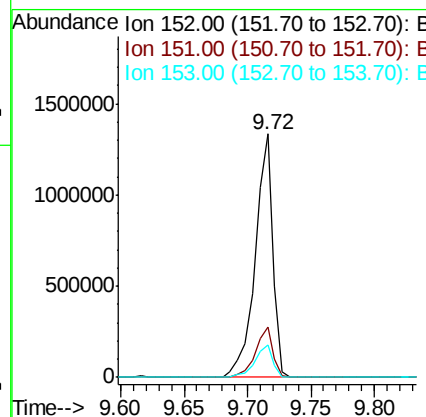
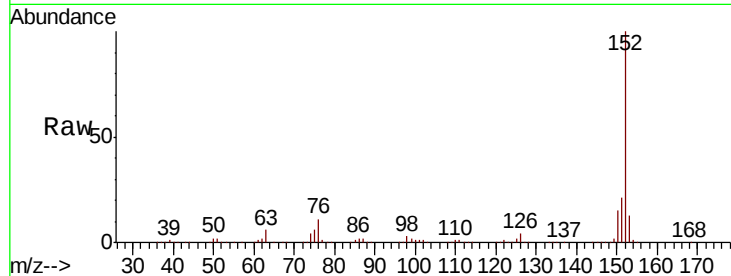
#49
Acenaphthylene
Concen: 43.467 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.2	10.7	16.1

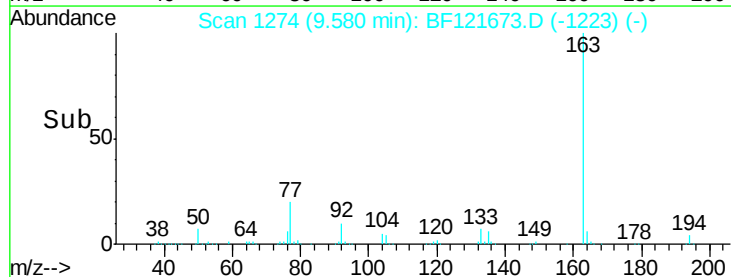
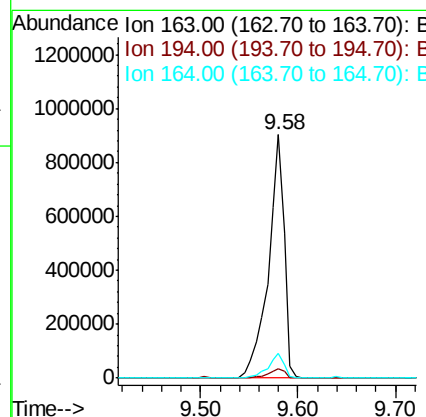
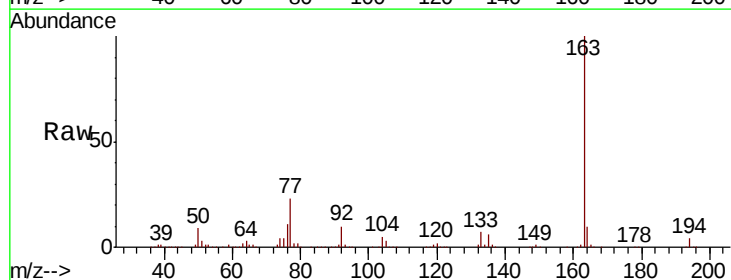
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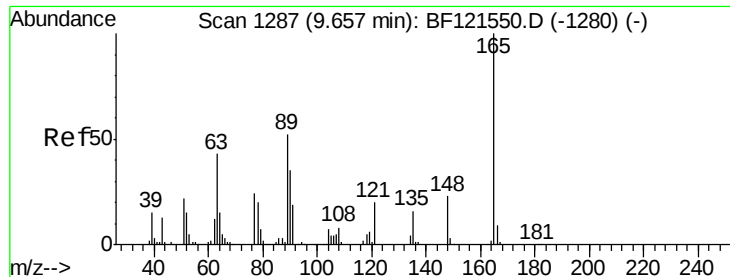
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#50
Dimethylphthalate
Concen: 46.131 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.0	12.0





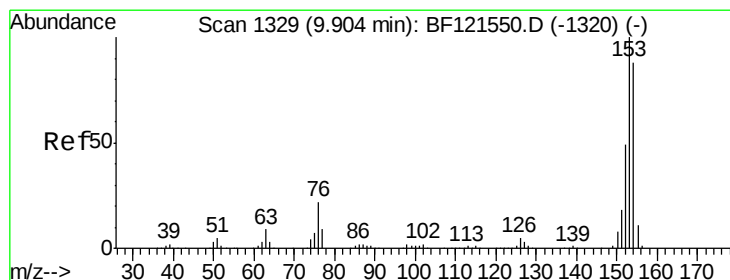
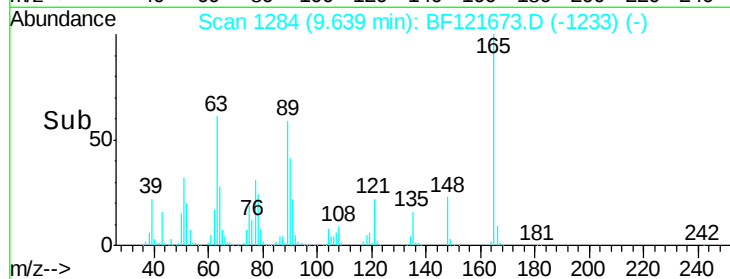
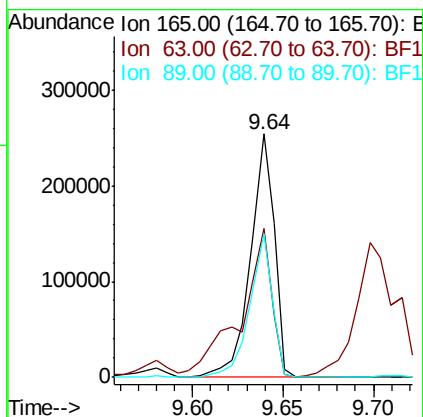
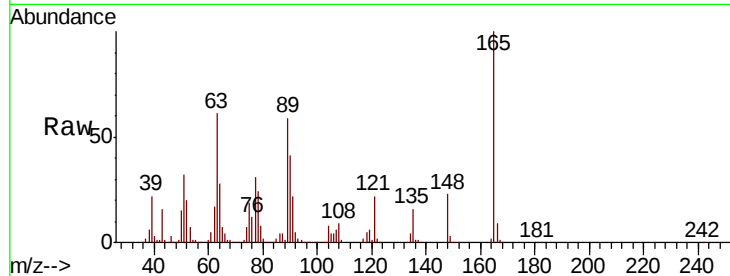
#51
2,6-Dinitrotoluene
Concen: 48.797 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	232741		
63	61.3	47.6	71.4	
89	59.0	46.0	69.0	

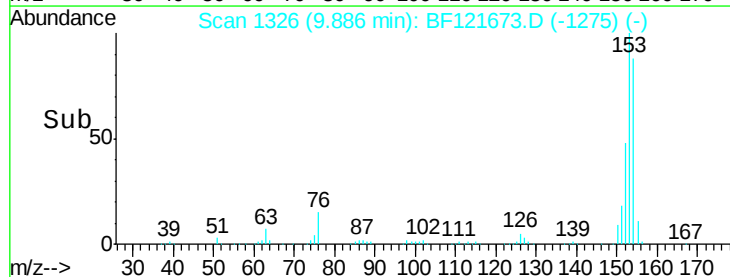
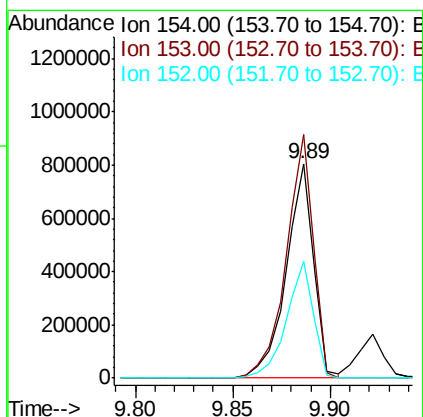
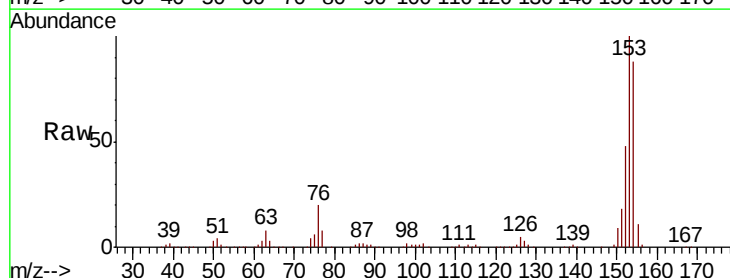
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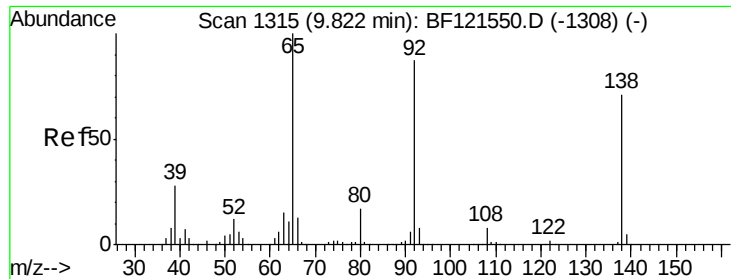
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#52
Acenaphthene
Concen: 41.337 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	782005		
153	113.7	89.9	134.9	
152	54.7	43.8	65.6	





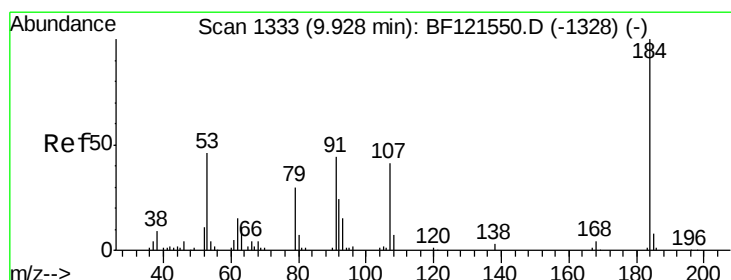
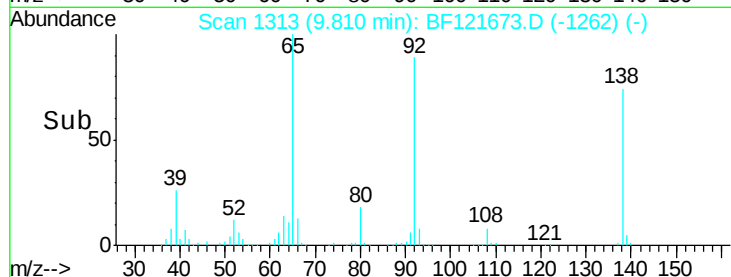
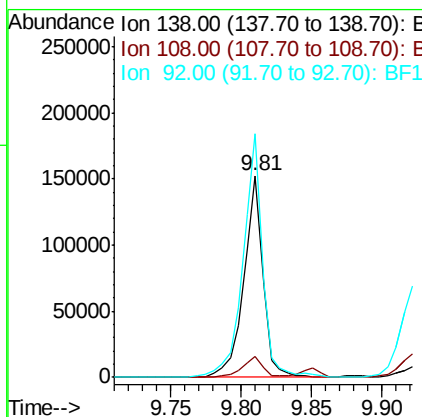
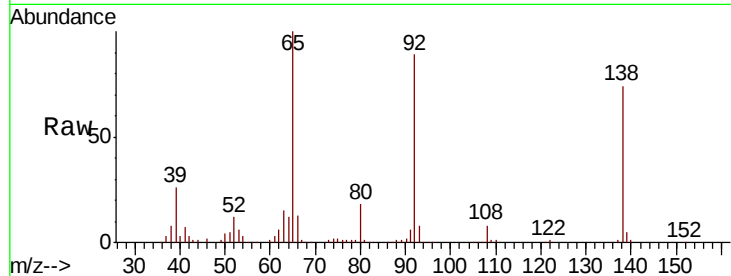
#53
3-Nitroaniline
Concen: 26.314 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.1	13.7
92	120.7	96.5	144.7

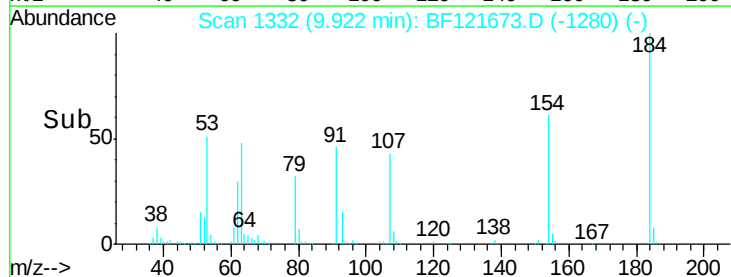
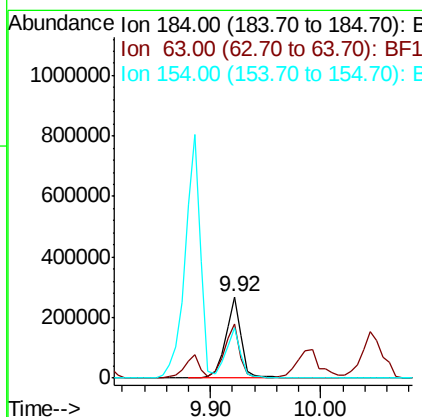
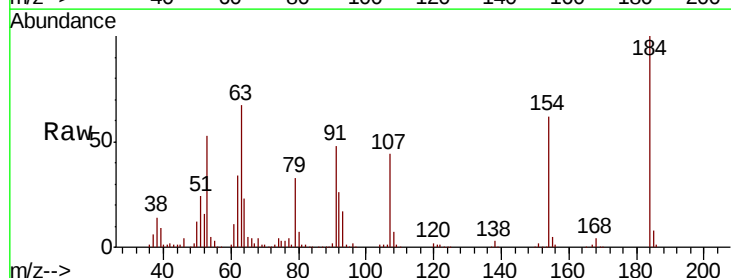
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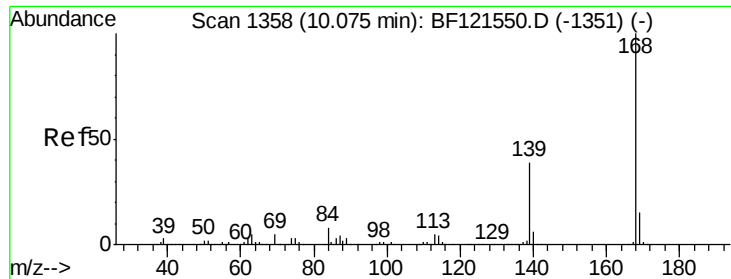
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#54
2,4-Dinitrophenol
Concen: 95.329 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.7	51.5	77.3
154	61.5	46.6	70.0





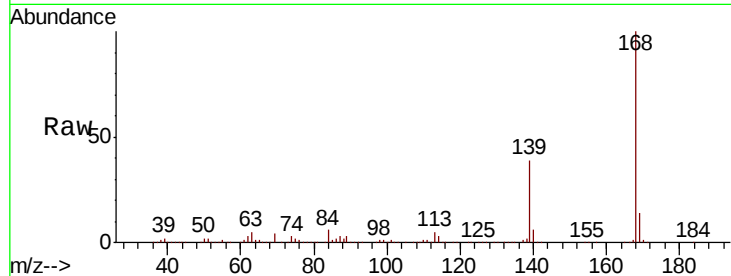
#55
Dibenzofuran
Concen: 43.497 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

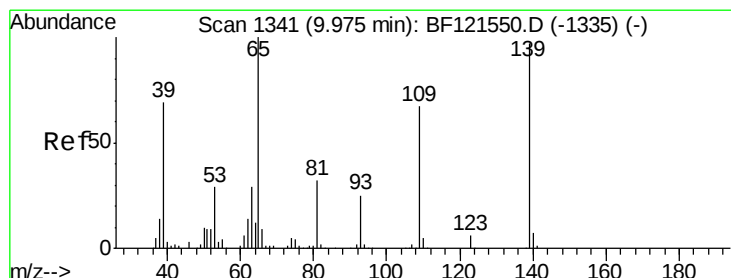
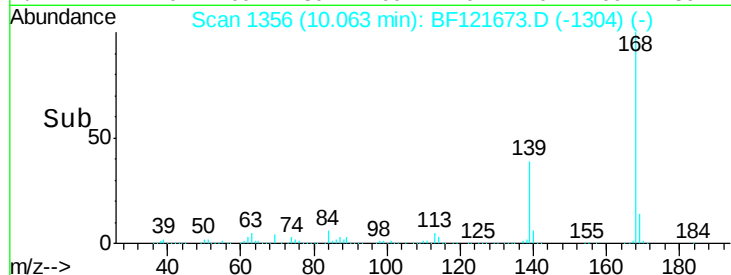
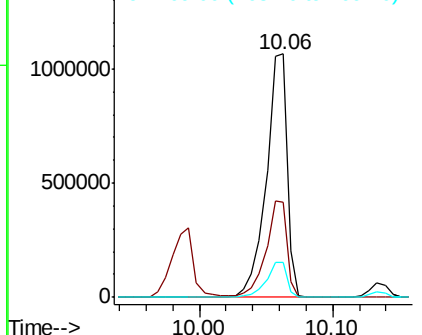
Tot Ion:168 Resp: 1158828
Ion Ratio Lower Upper
168 100
139 38.8 31.8 47.8
169 14.1 11.6 17.4

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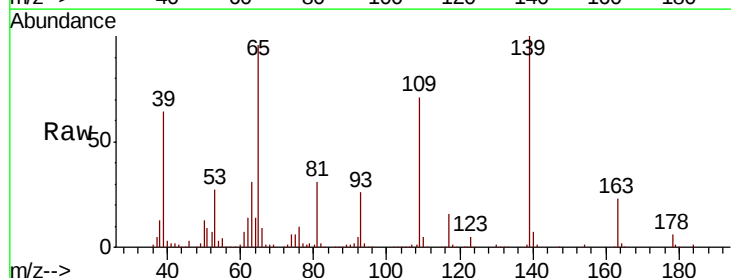


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

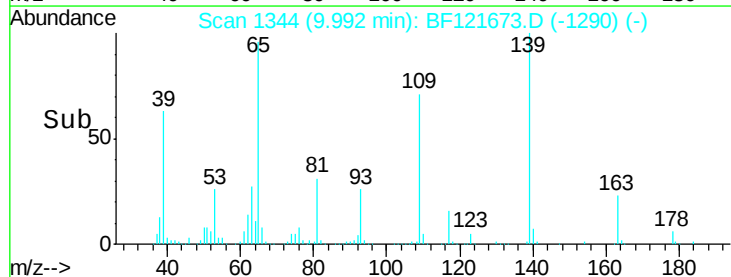
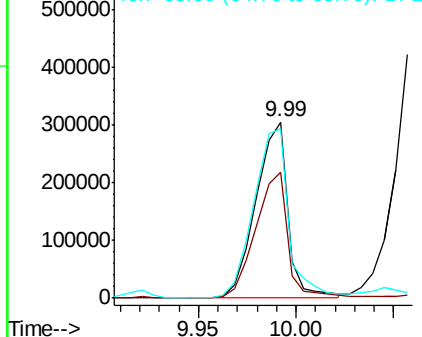


#56
4-Nitrophenol
Concen: 78.928 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion:139 Resp: 347792
Ion Ratio Lower Upper
139 100
109 71.2 48.1 88.1
65 96.4 74.7 114.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 52.129 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

Tot Ion:165 Resp: 312797

Ion Ratio Lower Upper

165 100

63 52.6 36.7 55.1

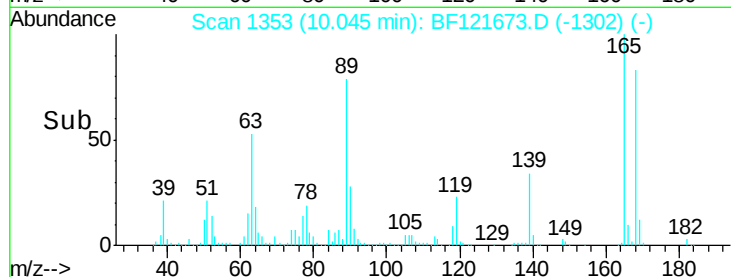
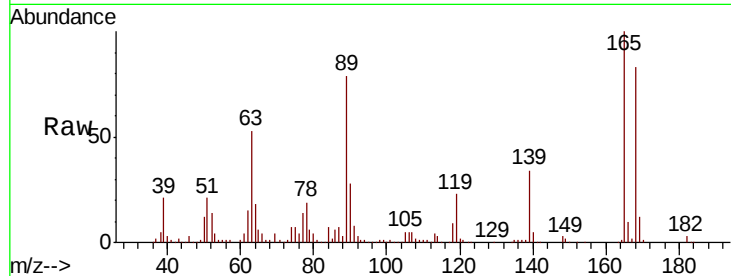
89 78.7 57.7 86.5

182 2.8 2.1 3.1

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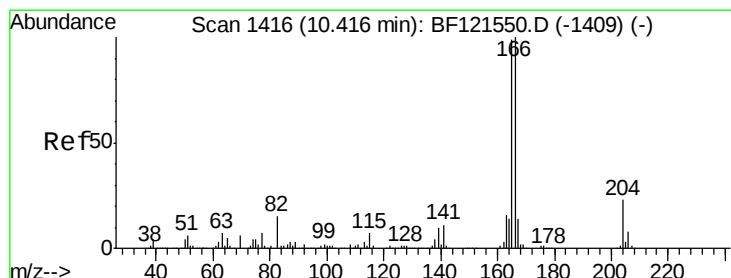
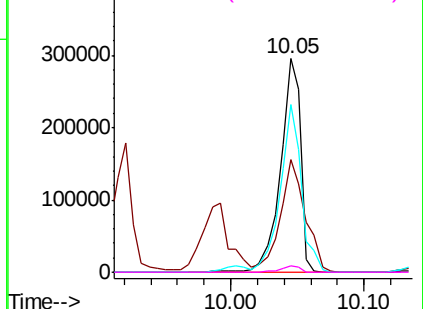


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.057 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

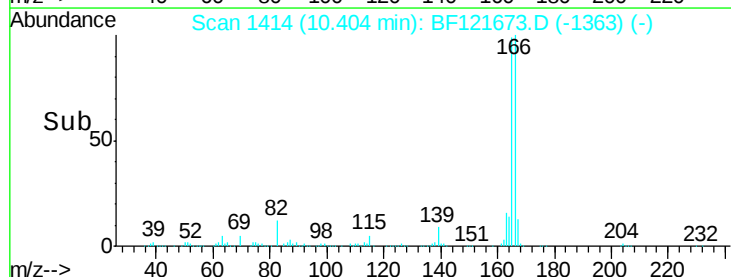
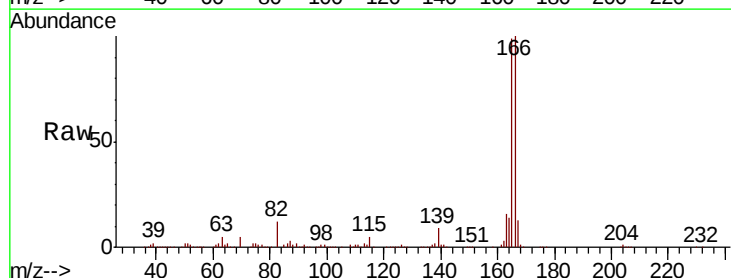
Tgt Ion:166 Resp: 917961

Ion Ratio Lower Upper

166 100

165 99.3 80.1 120.1

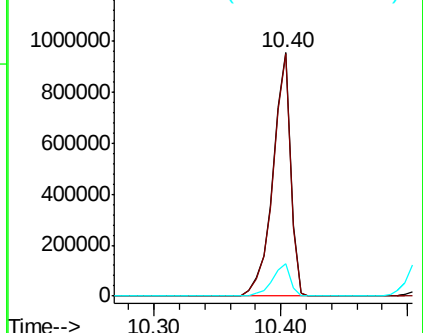
167 13.3 10.8 16.2



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





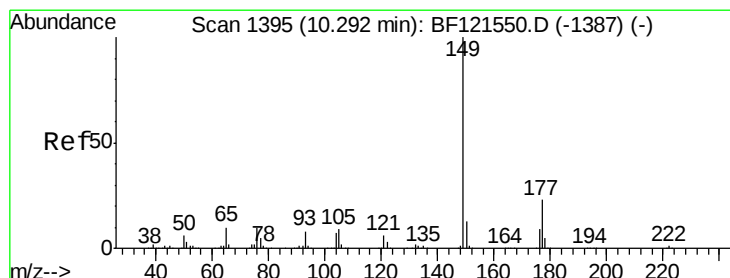
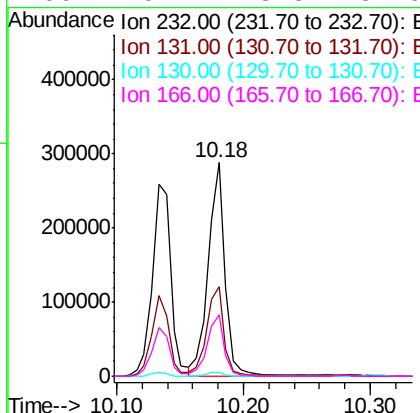
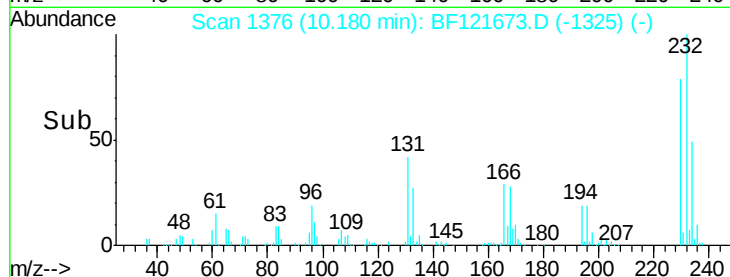
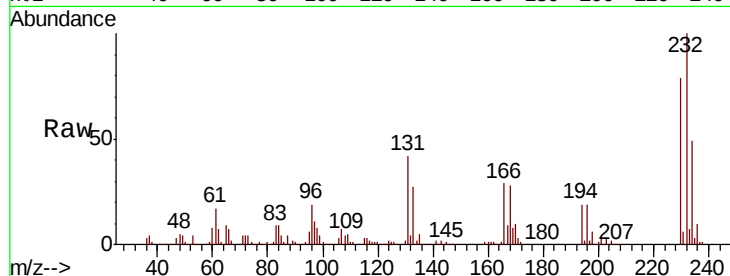
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.287 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.1	52.7
130	2.2	1.6	2.4
166	29.7	23.3	34.9

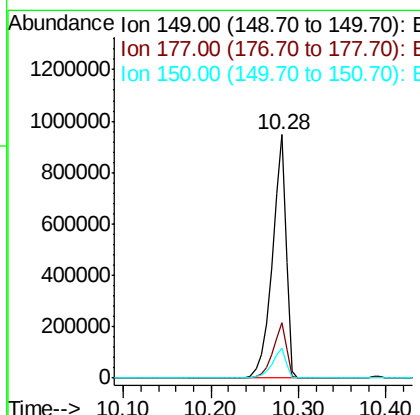
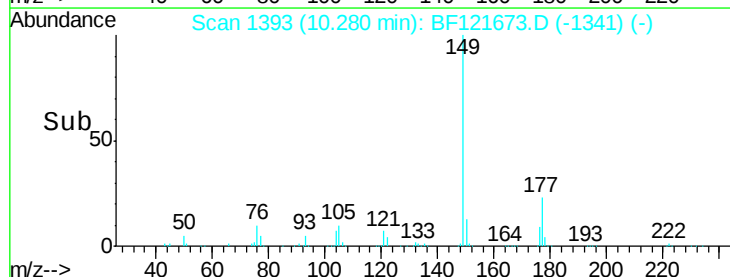
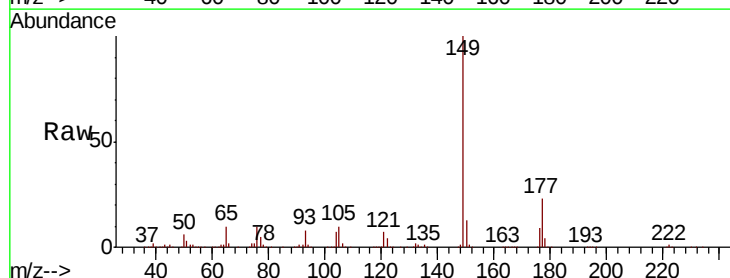
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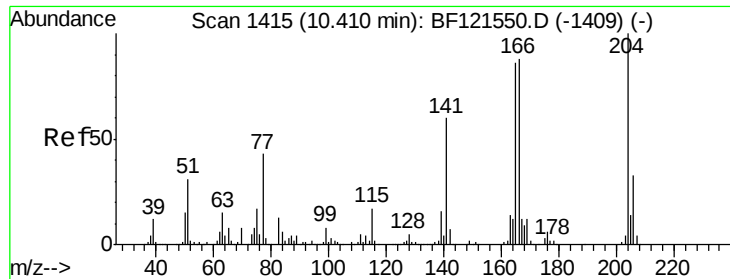
mohammad
 9/24/2020 10:46:38 AM



#60
 Diethylphthalate
 Concen: 47.119 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.1	27.1
150	12.5	9.8	14.8





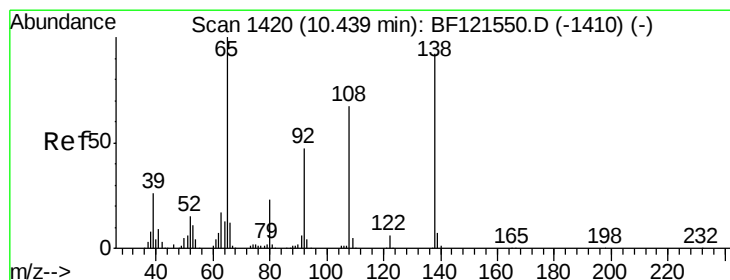
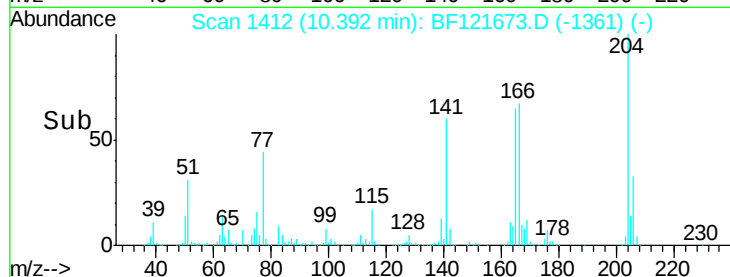
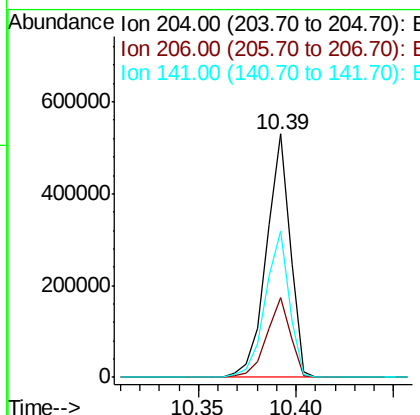
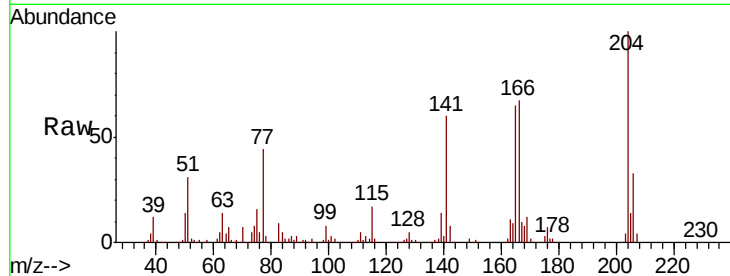
#61
4-Chlorophenyl-phenylether
Concen: 45.820 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.7	40.1
141	60.2	50.4	75.6

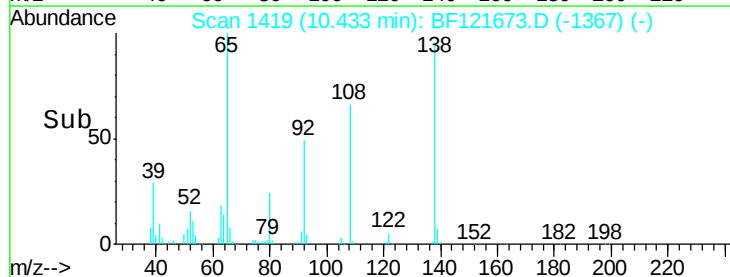
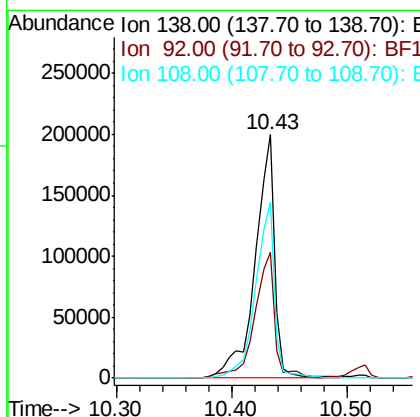
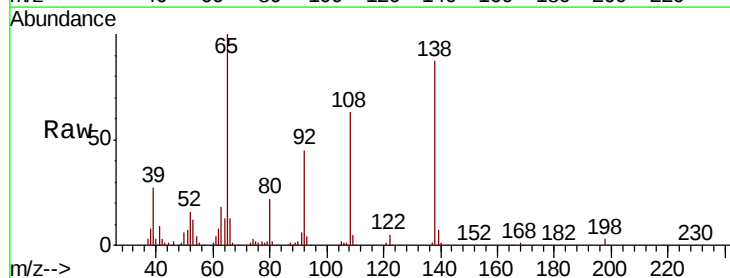
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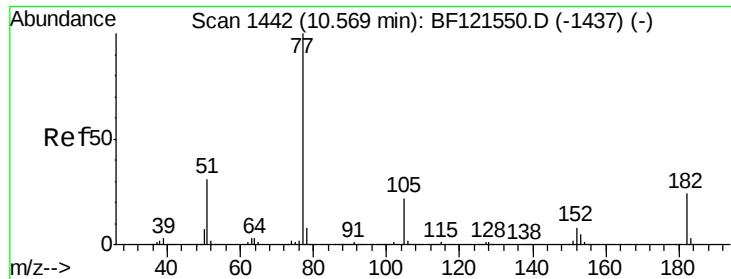
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#62
4-Nitroaniline
Concen: 43.288 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	34.8	74.8
108	72.4	55.5	95.5





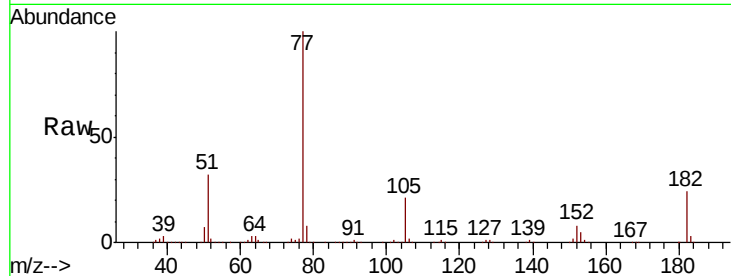
#63
Azobenzene
Concen: 43.729 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.5	6.8	46.8	
105	21.5	2.2	42.2	
51	31.6	10.7	50.7	

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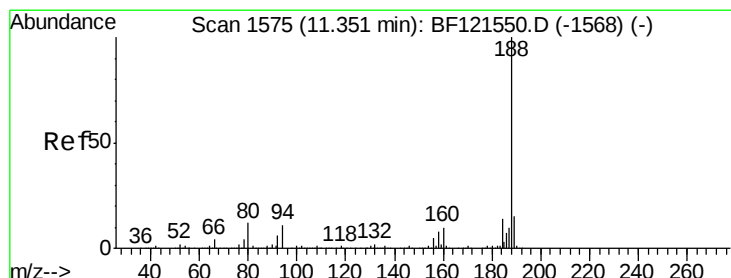
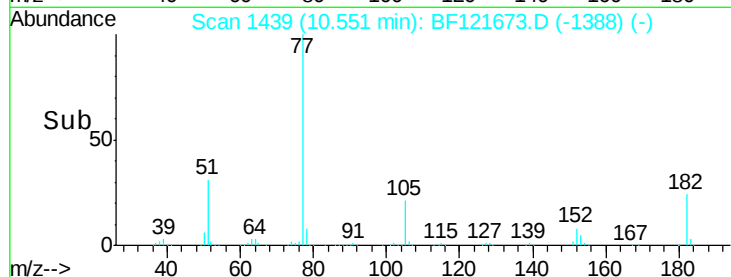
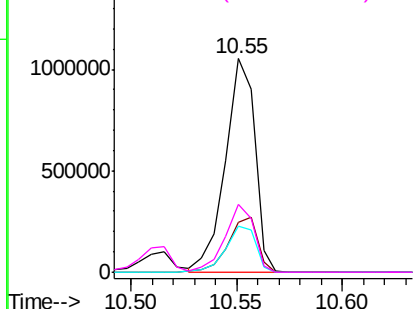
Abundance

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: BF121673.D
Acq: 23 Sep 2020 18:53

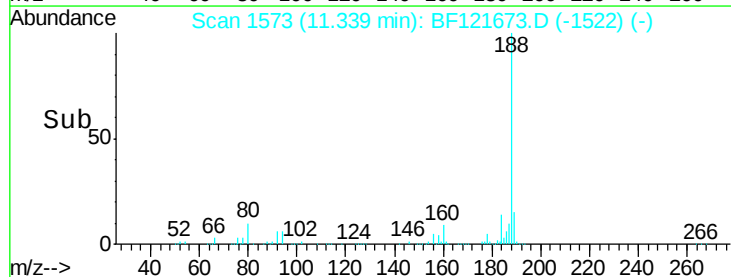
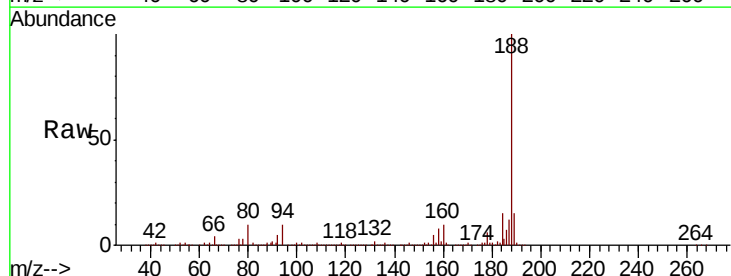
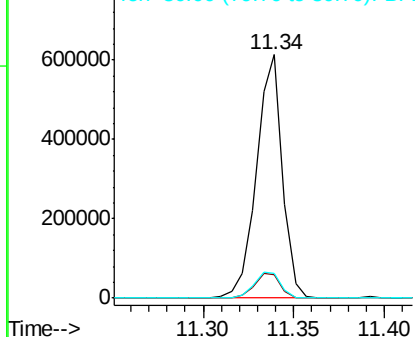
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	8.4	12.6	
80	10.3	9.0	13.4	

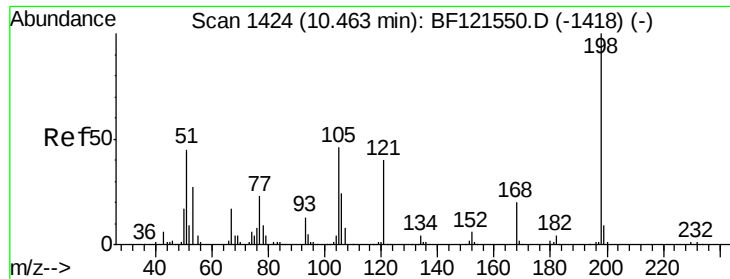
Abundance

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





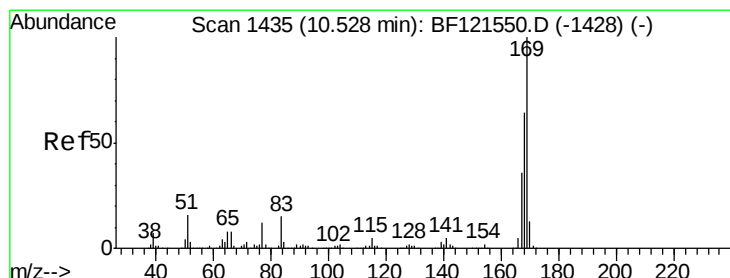
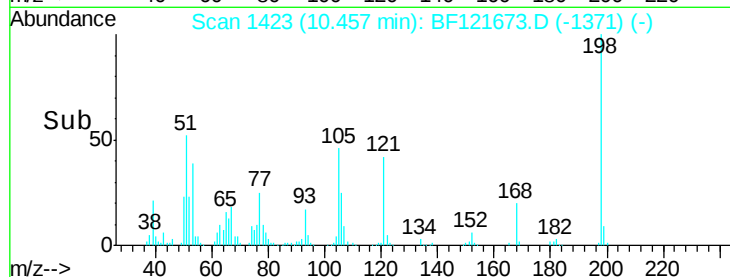
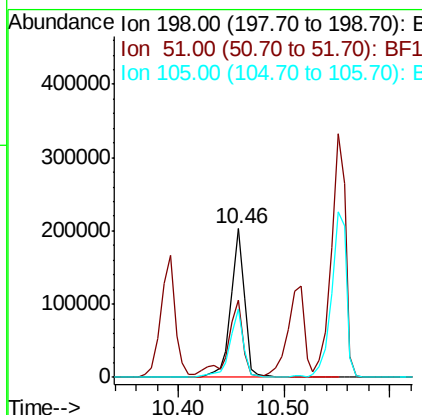
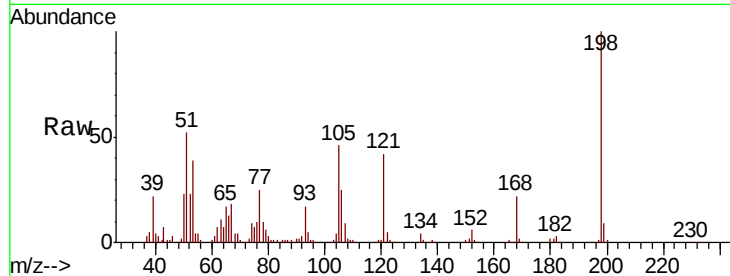
#65
4,6-Dinitro-2-methylphenol
Concen: 48.477 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	180462		
51	51.9	20.3	60.3	
105	45.7	20.2	60.2	

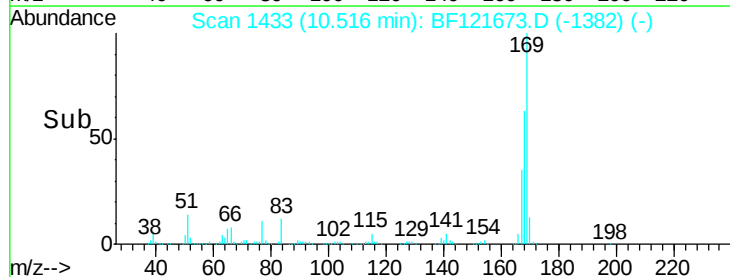
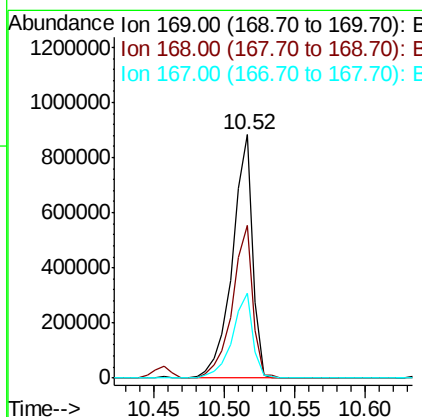
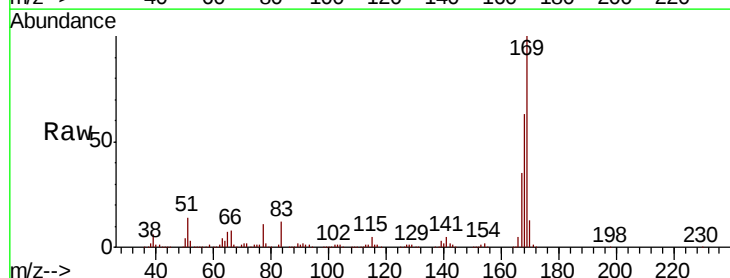
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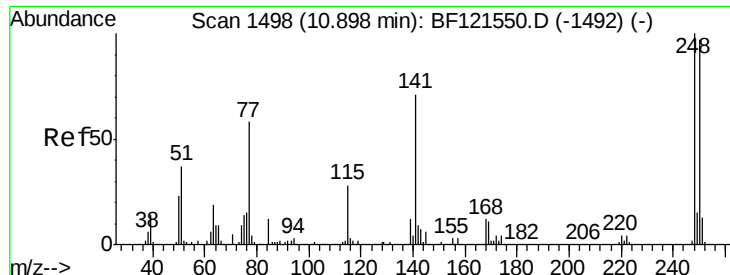
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#66
n-Nitrosodiphenylamine
Concen: 42.024 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	873213		
168	62.8	51.8	77.8	
167	34.9	28.4	42.6	





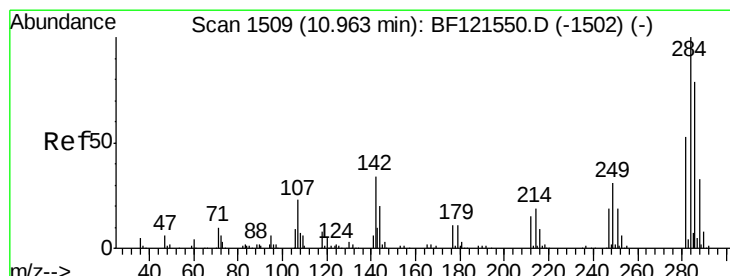
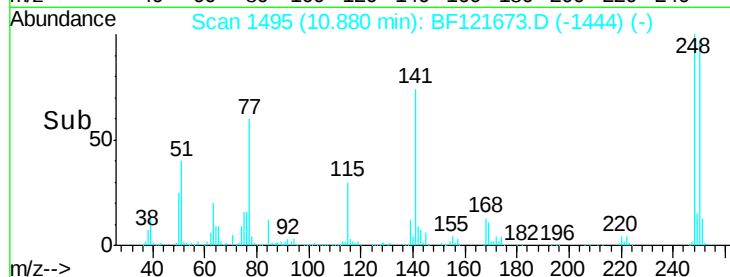
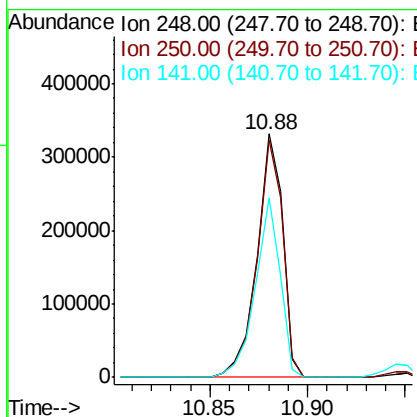
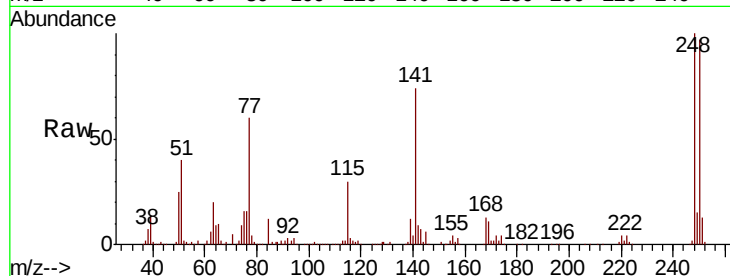
#67
 4-Bromophenyl-phenylether
 Concen: 44.081 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

Tot Ion:	248	Resp:	303970
Ion Ratio	Lower	Upper	
248	100		
250	97.4	79.4	119.0
141	73.5	52.2	78.4

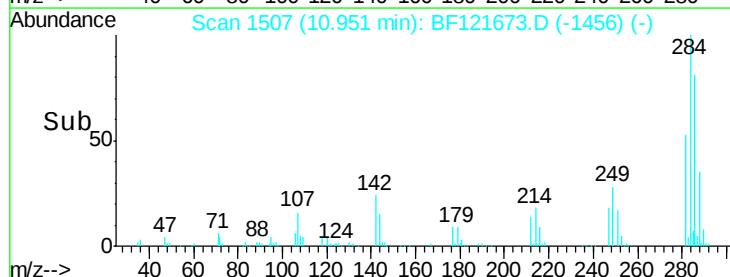
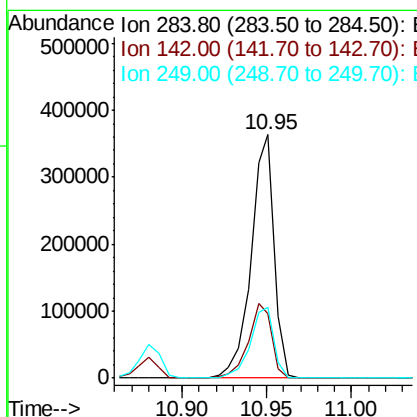
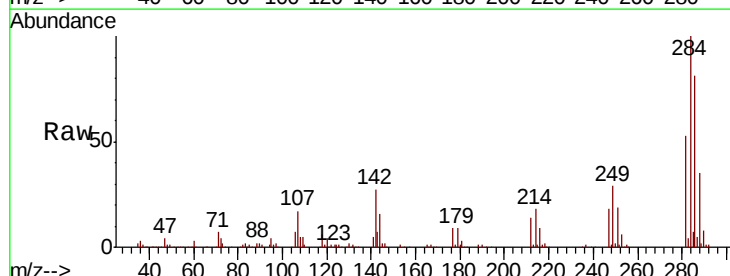
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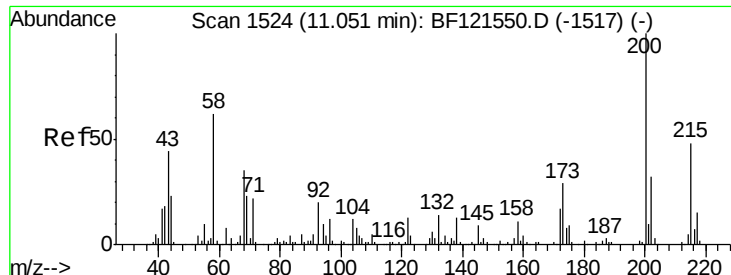
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#68
 Hexachlorobenzene
 Concen: 44.461 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion:	284	Resp:	345996
Ion Ratio	Lower	Upper	
284	100		
142	26.6	24.0	36.0
249	29.2	23.9	35.9





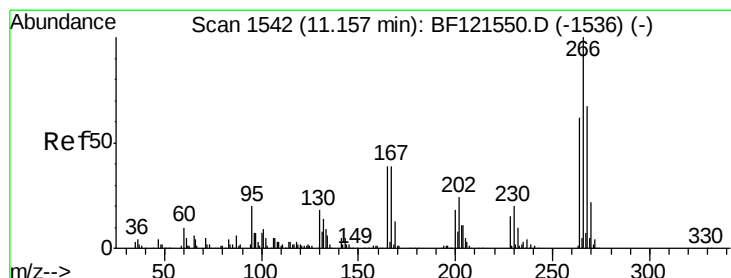
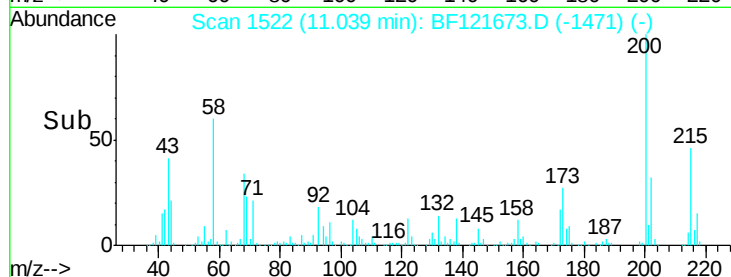
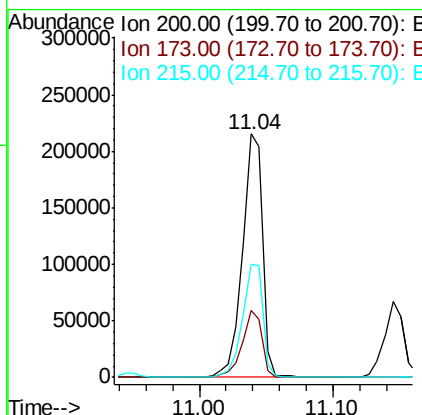
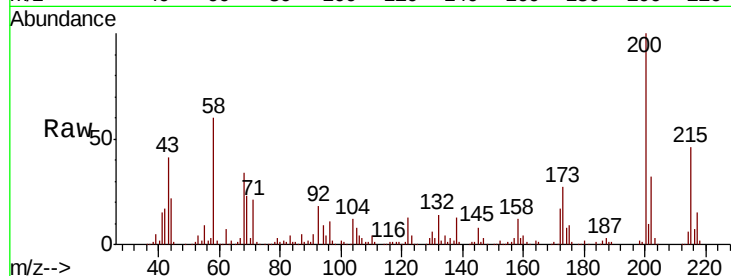
#69
Atrazine
Concen: 43.500 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	224564		
173	27.5	6.0	46.0	
215	46.3	28.4	68.4	

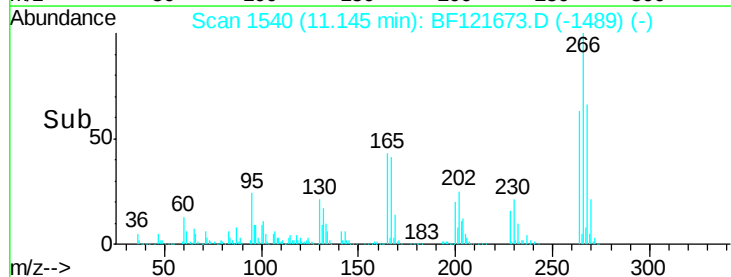
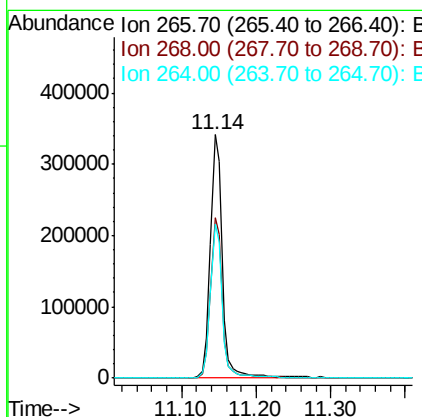
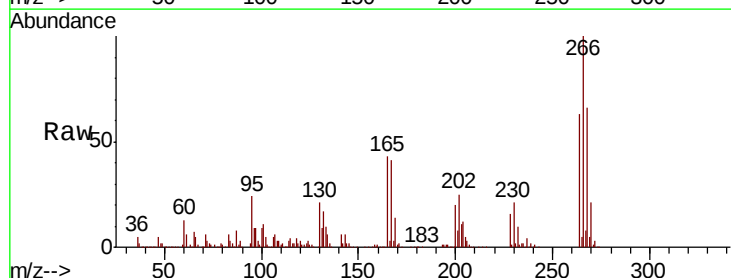
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#70
Pentachlorophenol
Concen: 90.260 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	385752		
268	65.6	54.6	81.8	
264	63.5	51.1	76.7	





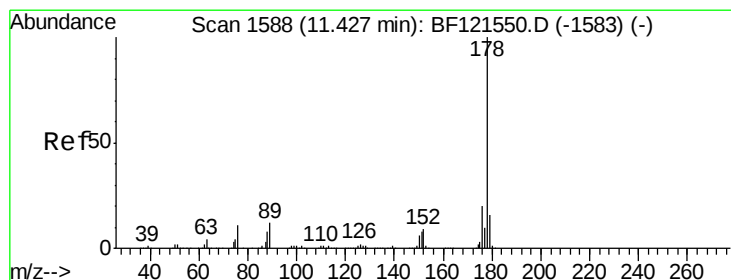
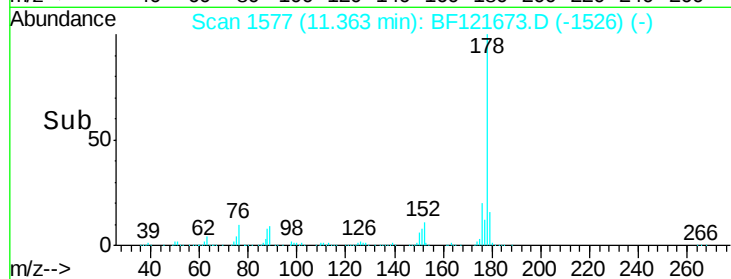
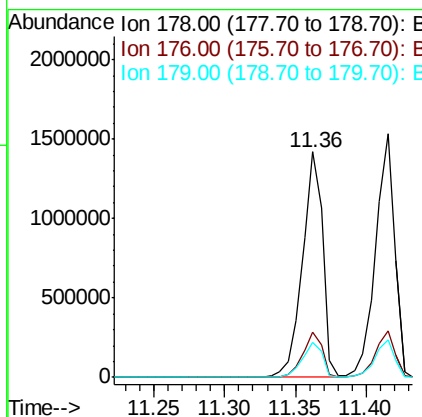
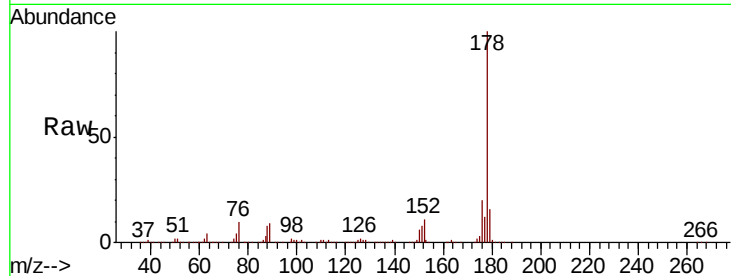
#71
Phenanthrene
Concen: 42.627 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion:178 Resp: 1406656
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.8 12.6 18.8

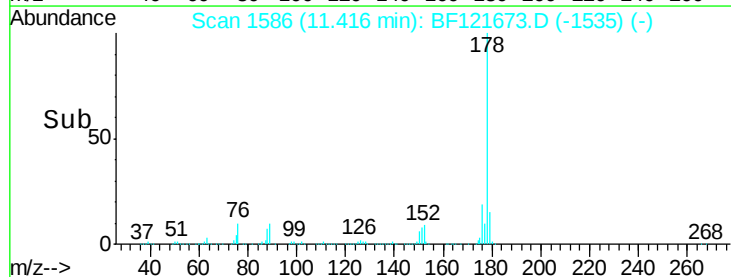
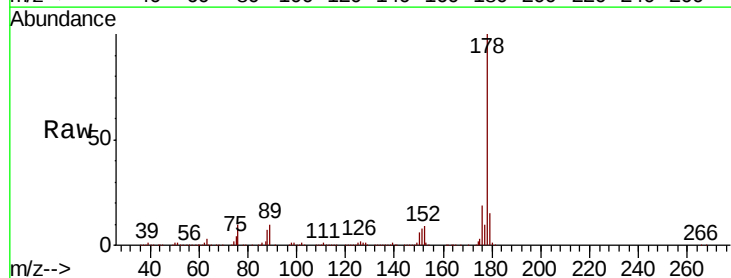
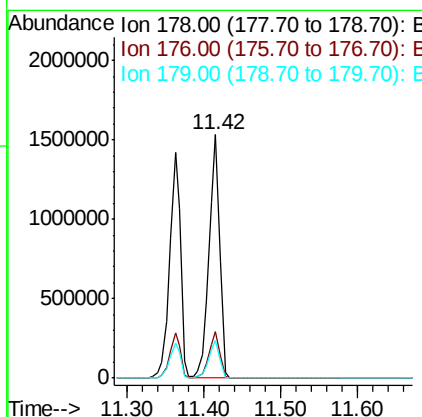
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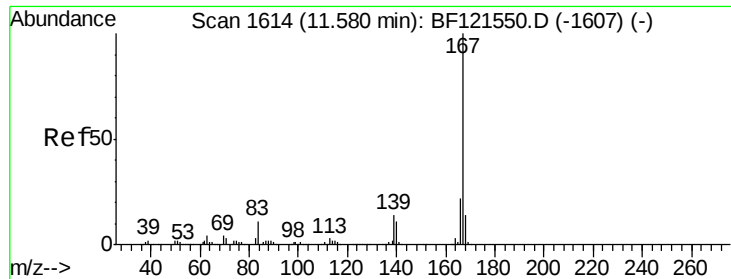
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#72
Anthracene
Concen: 42.922 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion:178 Resp: 1461630
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.5 12.6 19.0





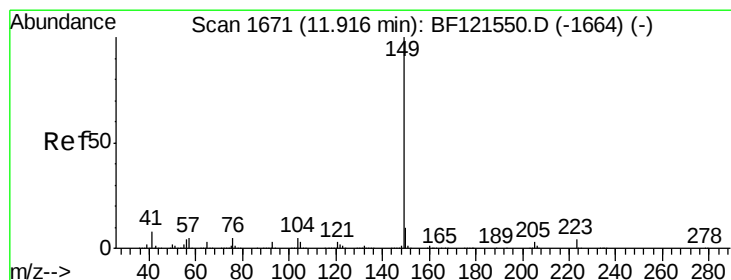
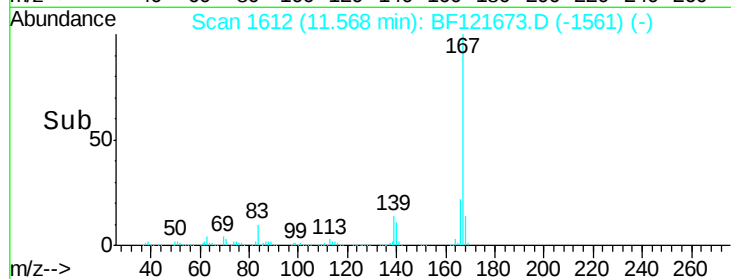
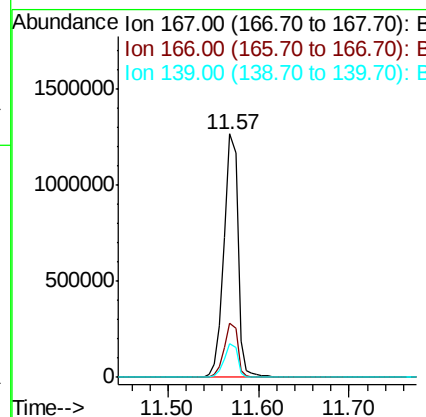
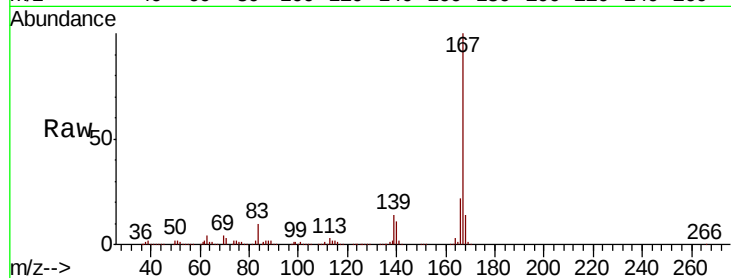
#73
 Carbazole
 Concen: 43.792 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	13.7	10.9	16.3

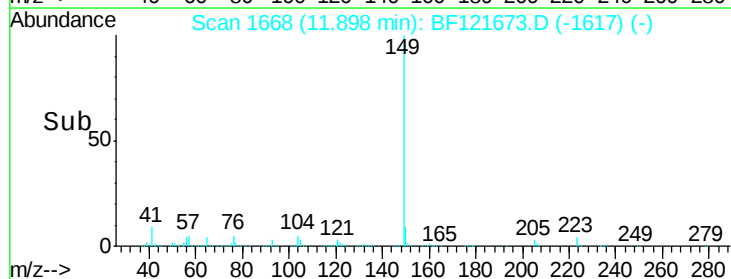
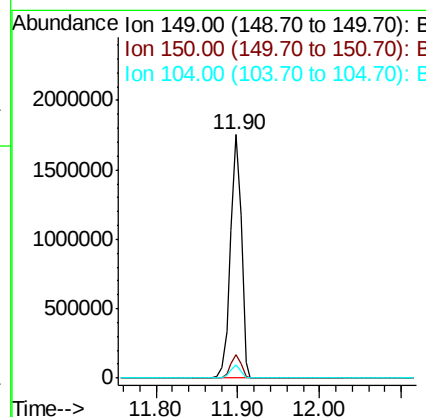
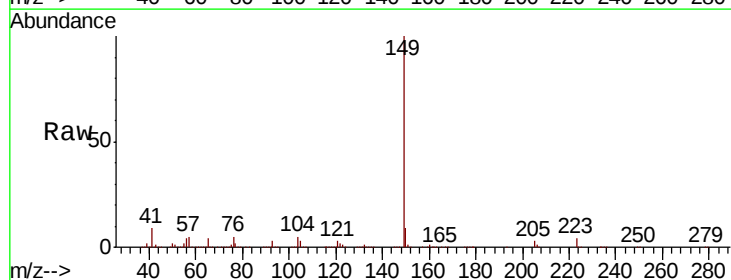
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#74
 Di-n-butylphthalate
 Concen: 45.375 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.4	4.2	6.2





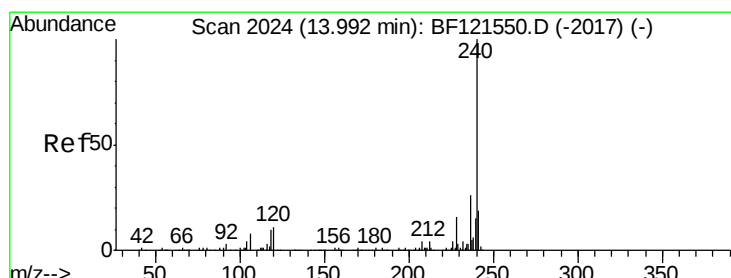
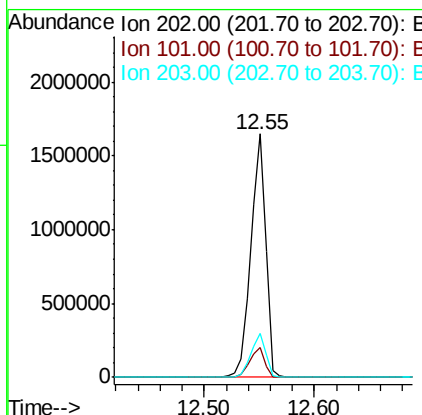
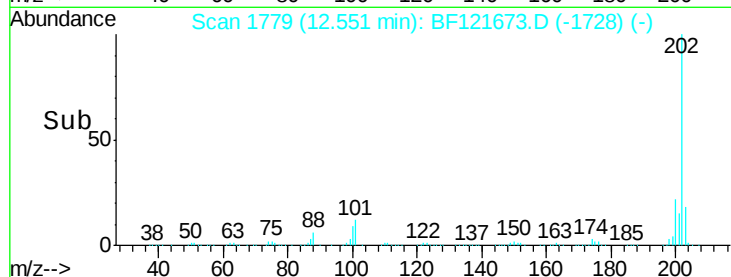
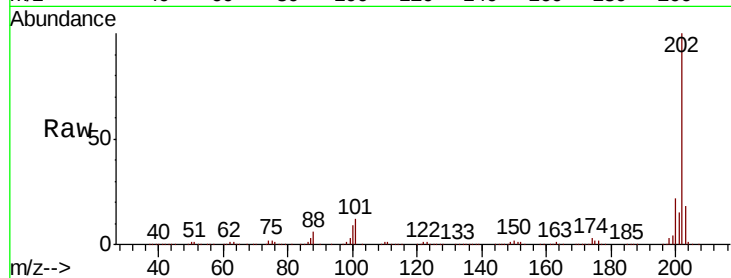
#75
 Fluoranthene
 Concen: 44.545 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.9
203	18.3	0.0	37.8

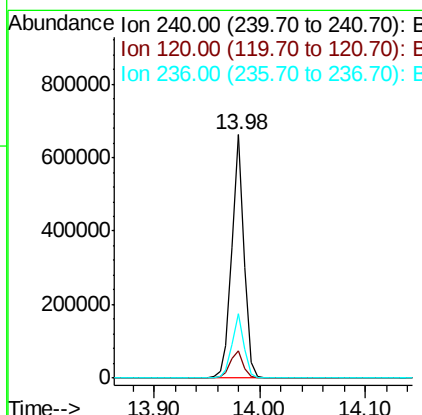
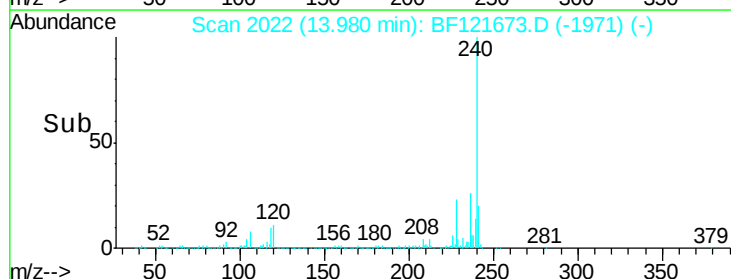
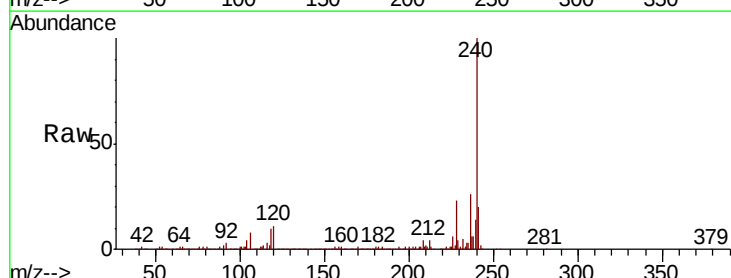
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.2	13.8
236	26.4	20.4	30.6





#77

Benzidine

Concen: 8.464 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

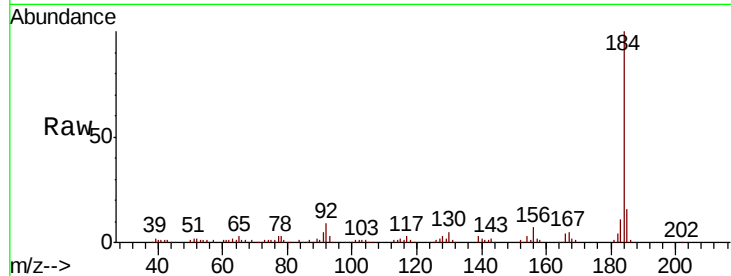
ClientSampleId :

HD-01-092220MSD

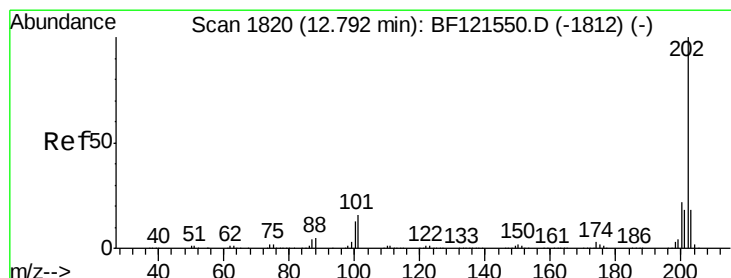
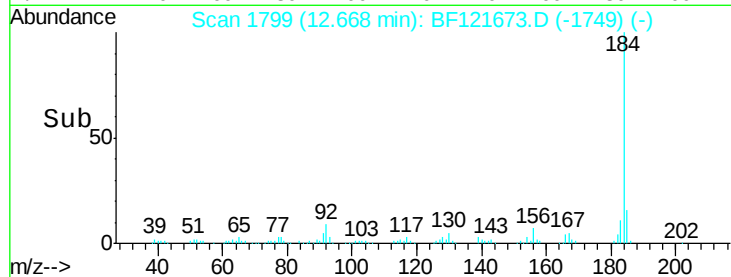
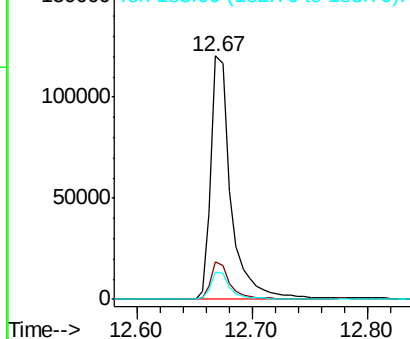
Tot Ion:	184	Resp:	147063
Ion Ratio	Lower	Upper	
184	100		
185	15.5	11.5	17.3
183	11.3	9.6	14.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.026 ng

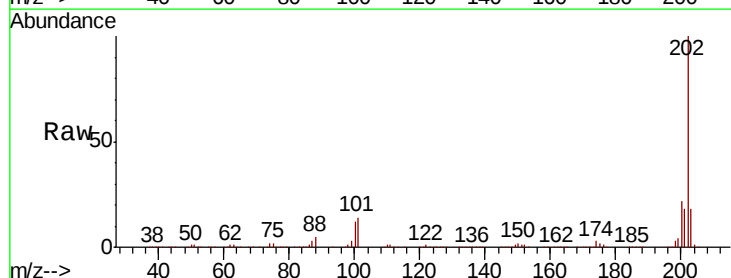
RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

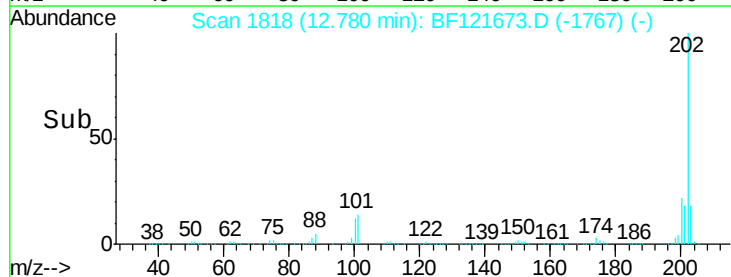
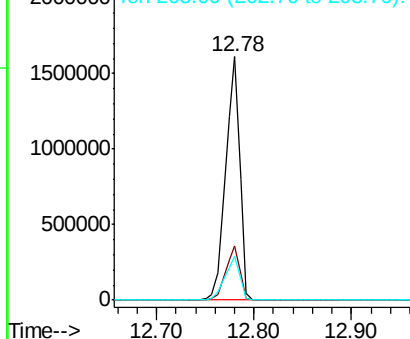
Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Tgt Ion:	202	Resp:	1609253
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.8	26.6
203	17.9	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





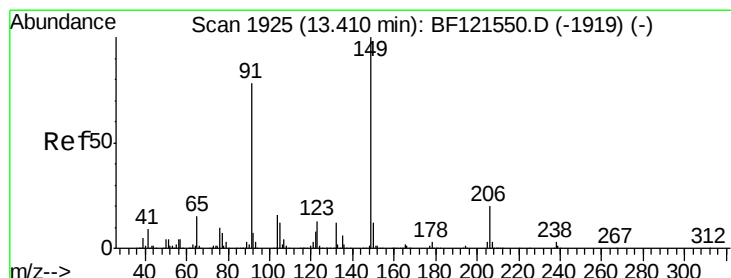
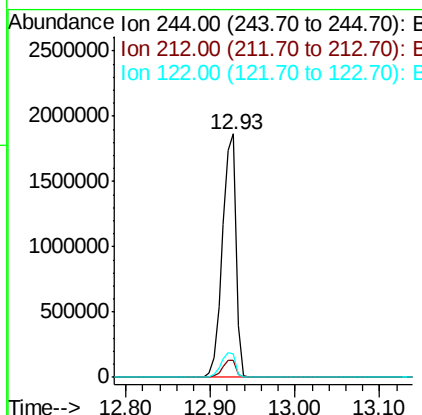
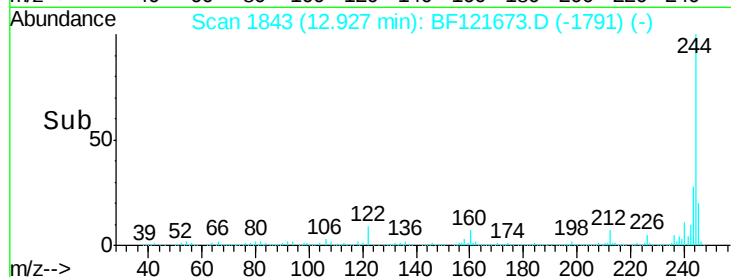
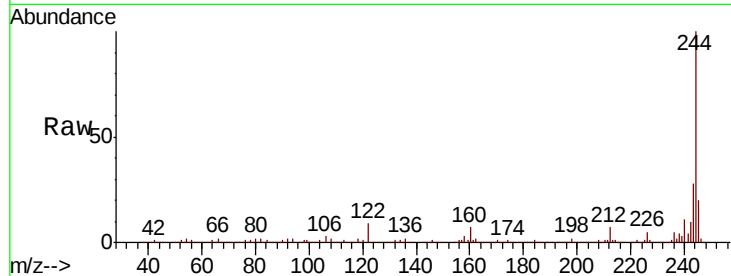
#79
 Terphenyl-d14
 Concen: 80.998 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	9.5	7.4	11.0

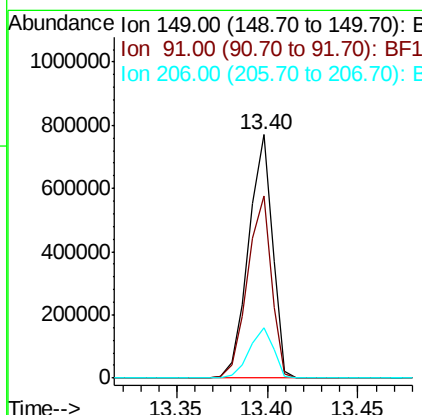
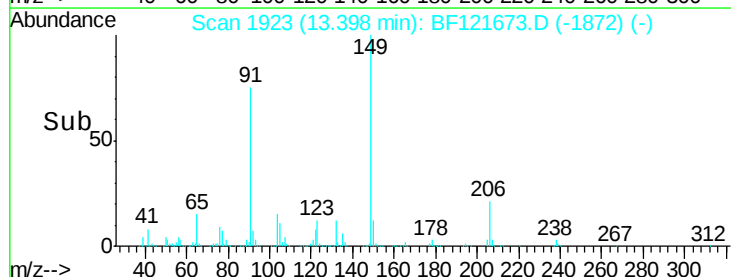
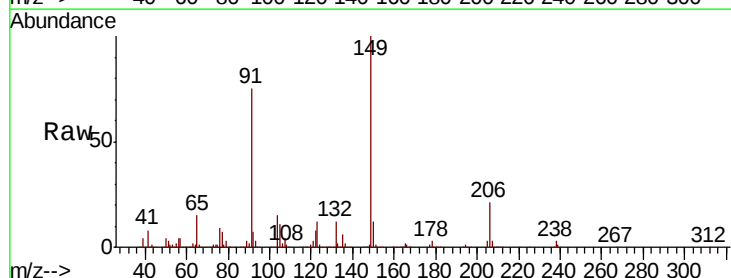
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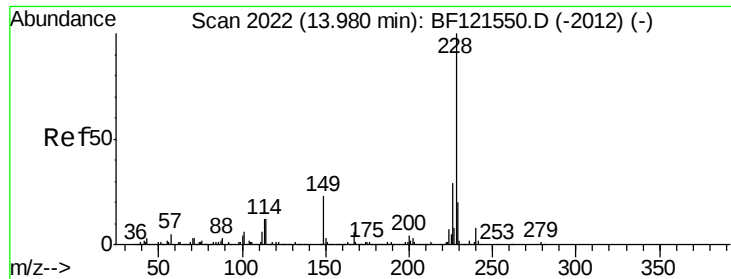
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#80
 Butylbenzylphthalate
 Concen: 45.770 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.9	61.0	91.4
206	20.7	16.6	25.0





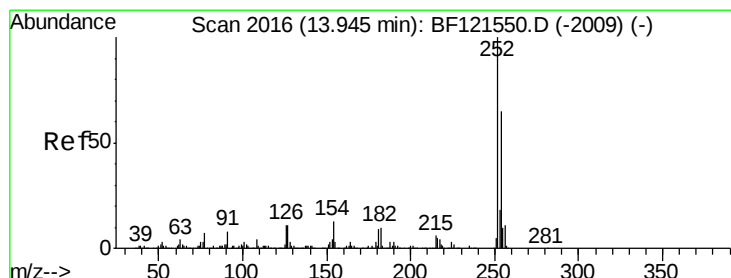
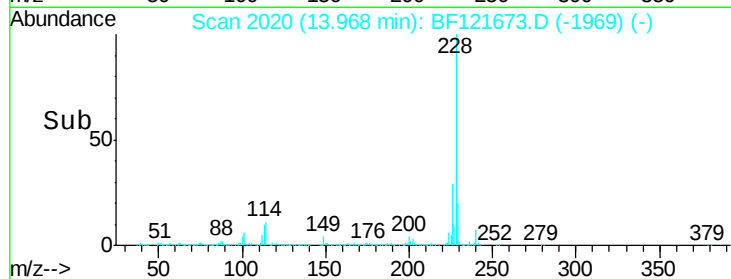
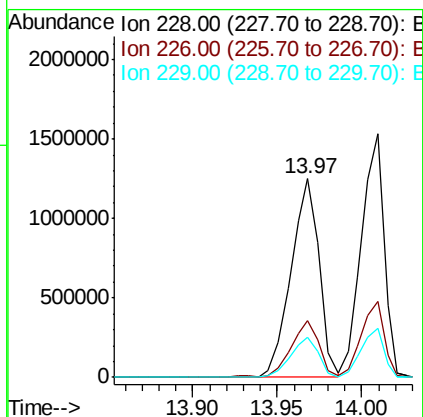
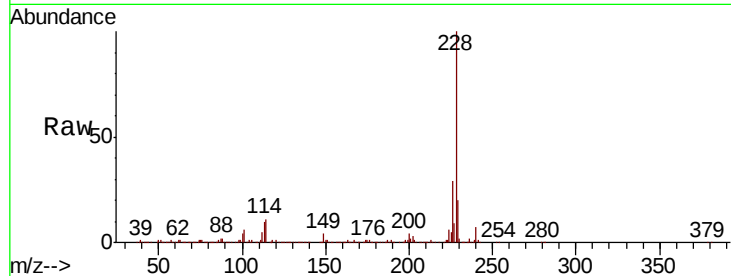
#81
Benzo(a)anthracene
Concen: 43.675 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.3	16.2	24.2

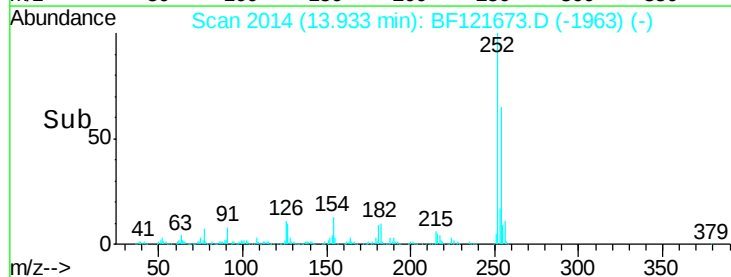
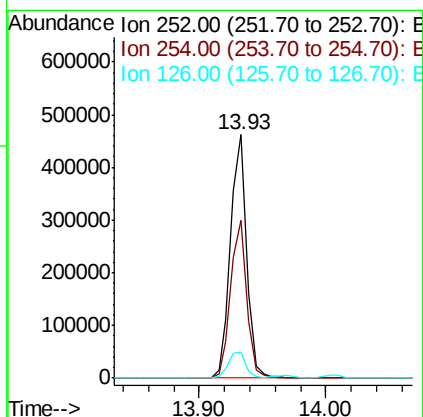
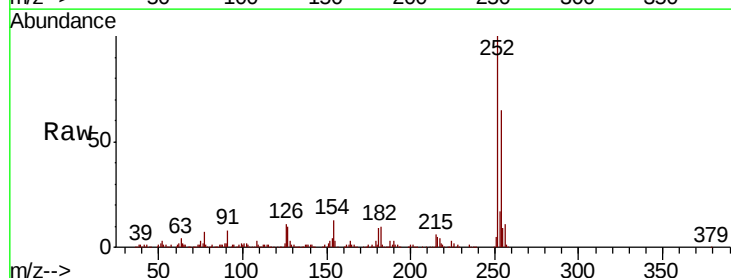
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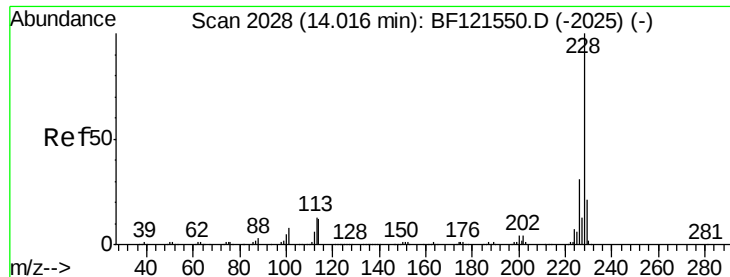
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#82
3,3'-Dichlorobenzidine
Concen: 31.314 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.0	76.4
126	10.5	8.6	13.0





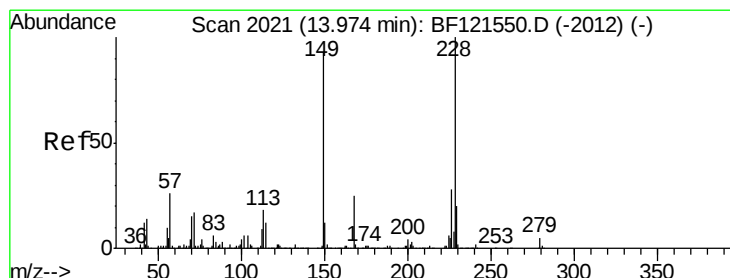
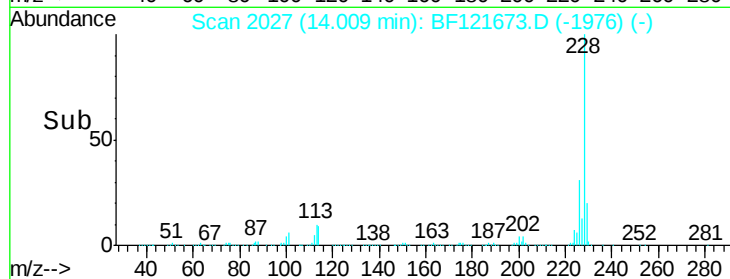
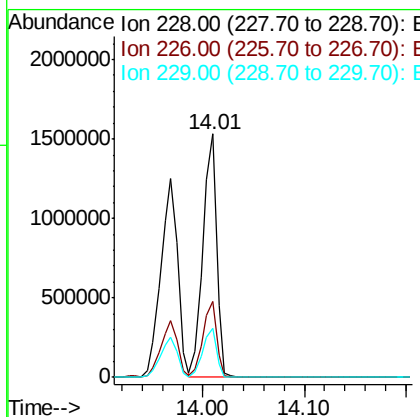
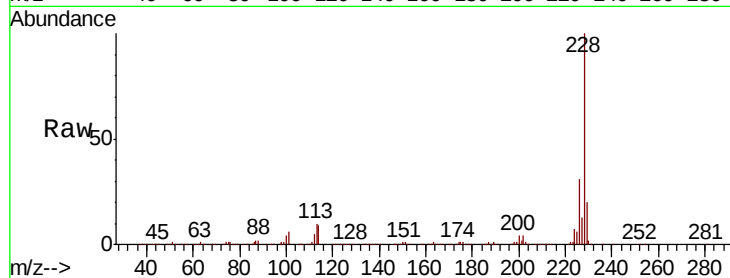
#83
 Chrvsene
 Concen: 42.747 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.4
229	20.3	16.0	24.0

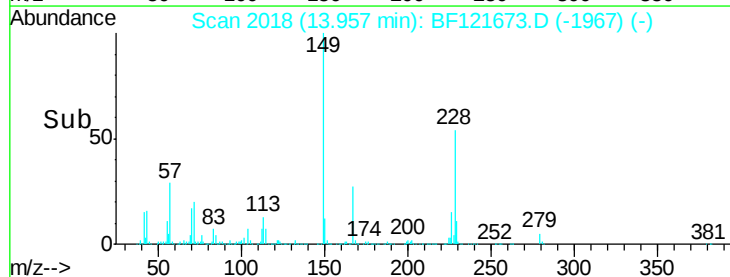
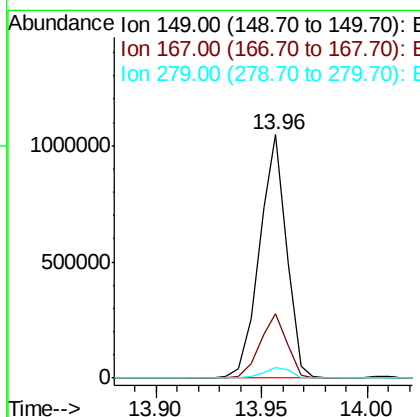
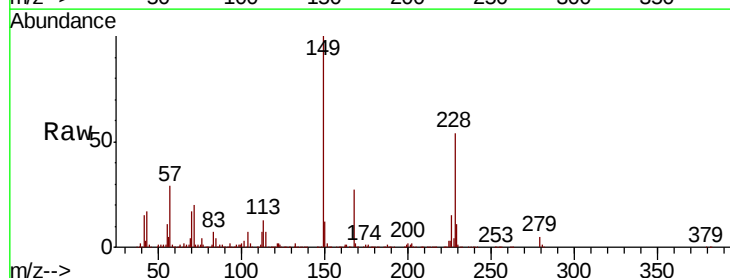
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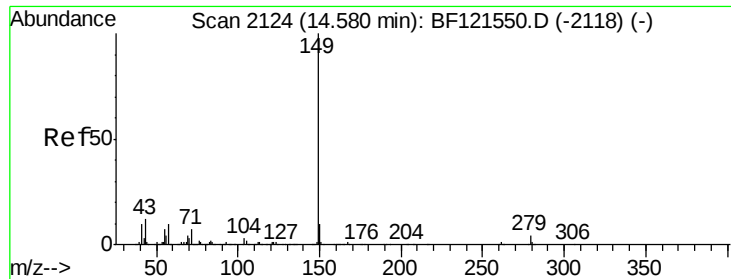
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.035 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	4.6	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 45.266 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BF121673.D

Acq: 23 Sep 2020 18:53

Instrument :

BNA_F

ClientSampleId :

HD-01-092220MSD

Tot Ion:149 Resp: 1652699

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

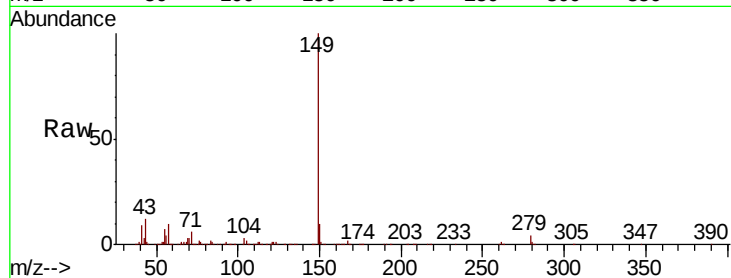
43 11.3 9.0 13.4

Manual Integrations

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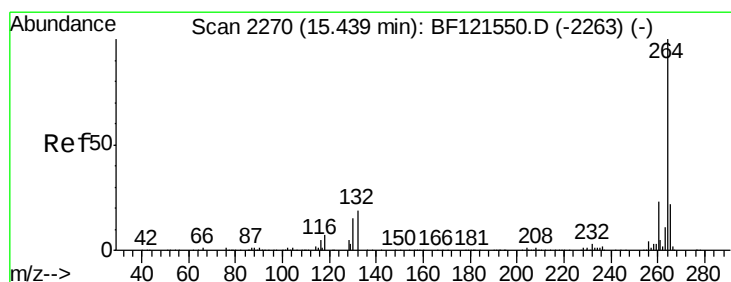
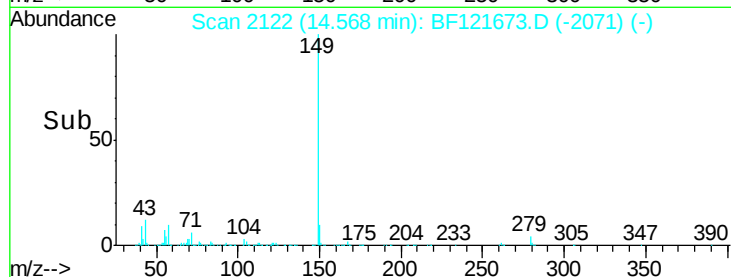
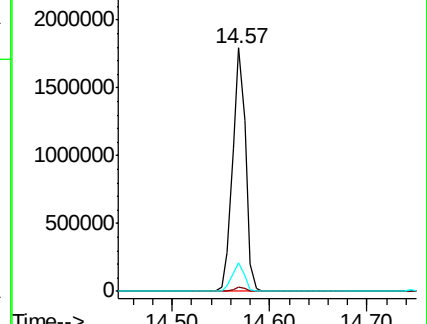
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Abundance Ion 149.00 (148.70 to 149.70): E

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: BF121673.D

Acq: 23 Sep 2020 18:53

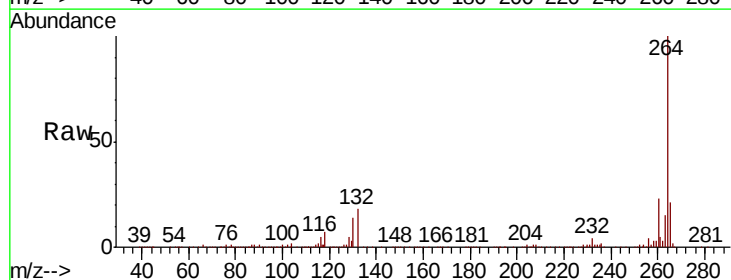
Tgt Ion:264 Resp: 516499

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

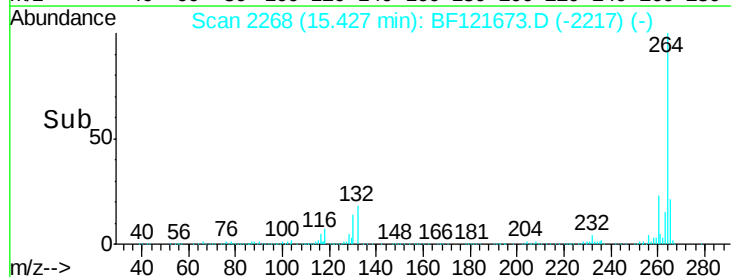
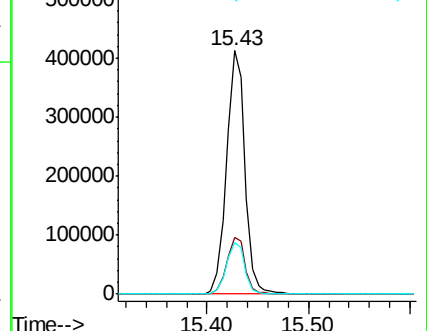
265 21.3 17.3 25.9

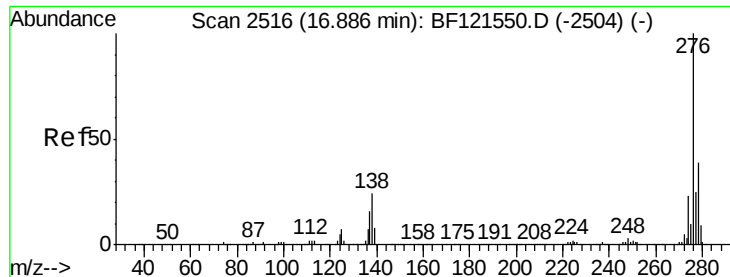


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





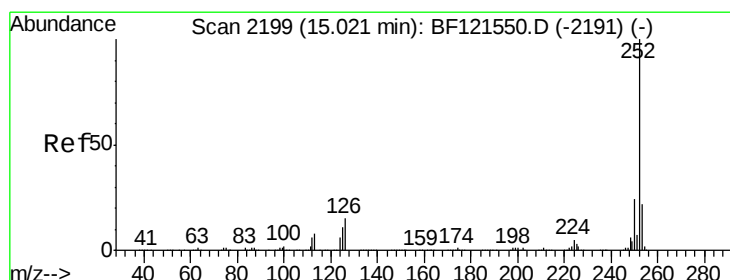
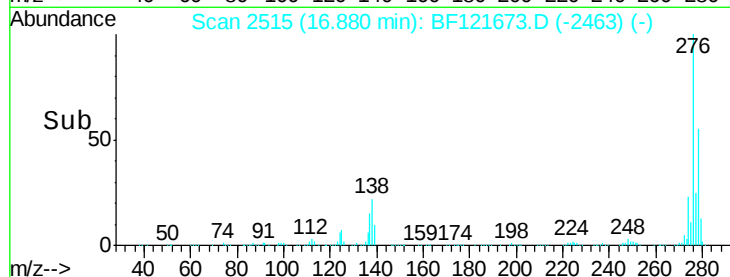
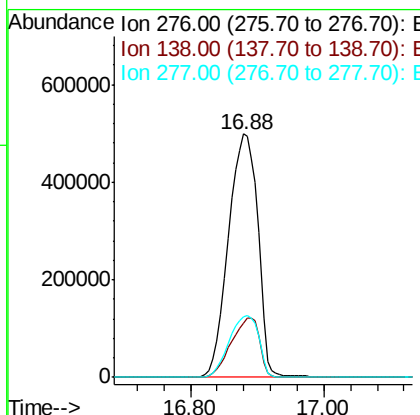
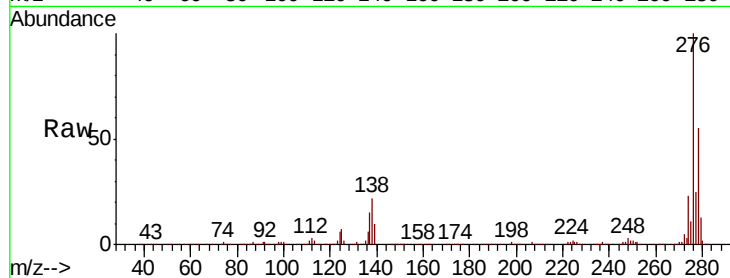
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.824 ng
 RT: 16.88 min Scan# 2515
 Delta R.T. 0.01 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-092220MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.0	28.6
277	25.6	20.2	30.2

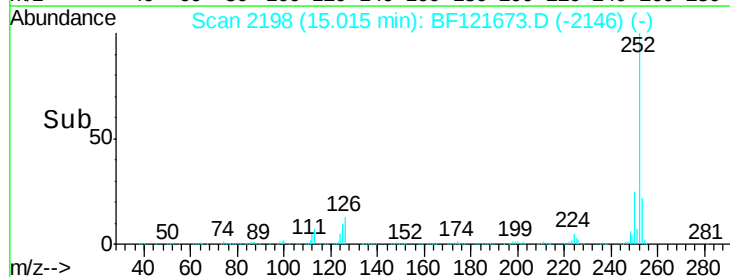
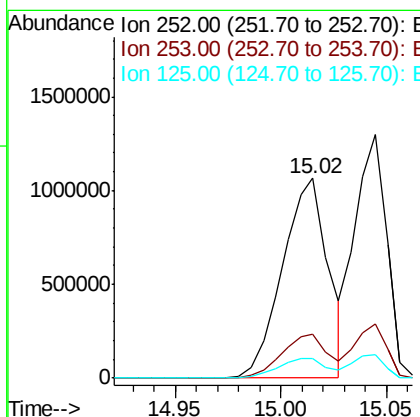
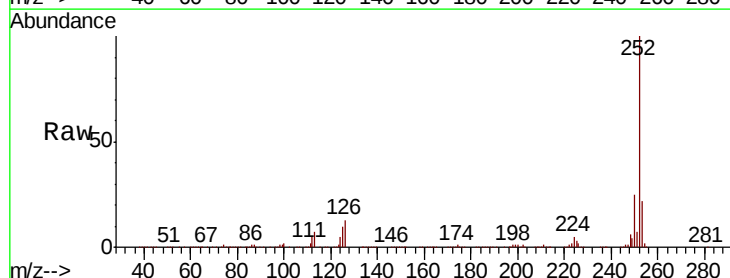
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#88
 Benzo(b)fluoranthene
 Concen: 46.322 ng
 RT: 15.02 min Scan# 2198
 Delta R.T. 0.01 min
 Lab File: BF121673.D
 Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	9.8	8.5	12.7





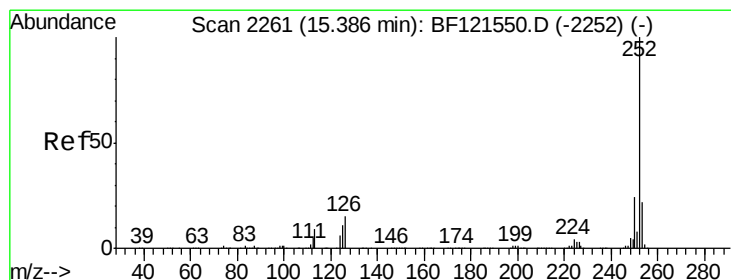
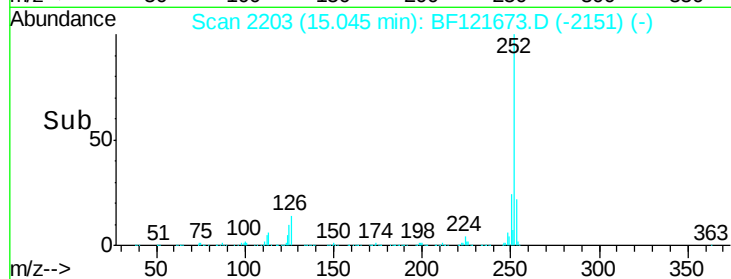
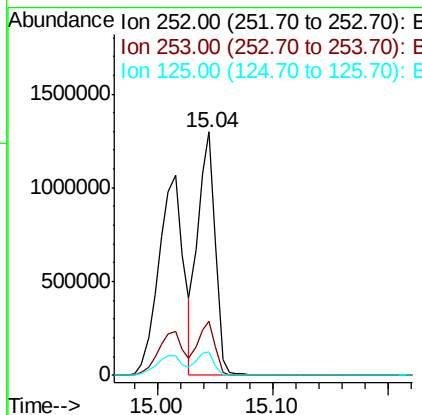
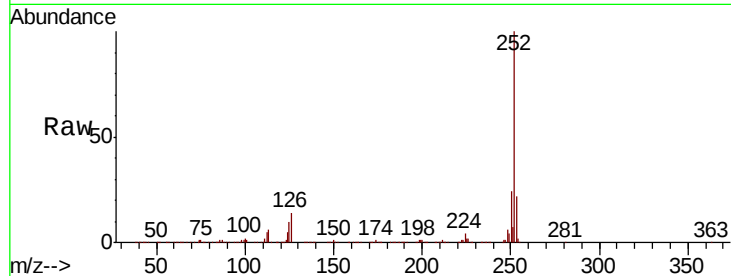
#89
Benzo(k)fluoranthene
Concen: 43.364 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.5	17.8	26.8	
125	9.9	8.4	12.6	

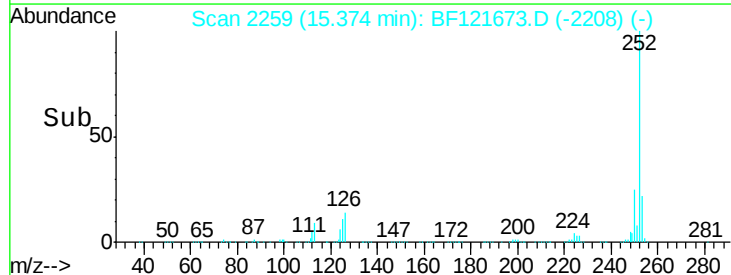
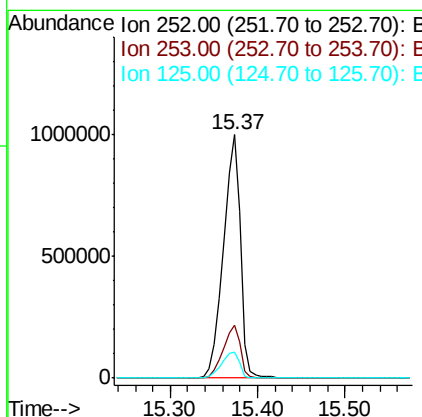
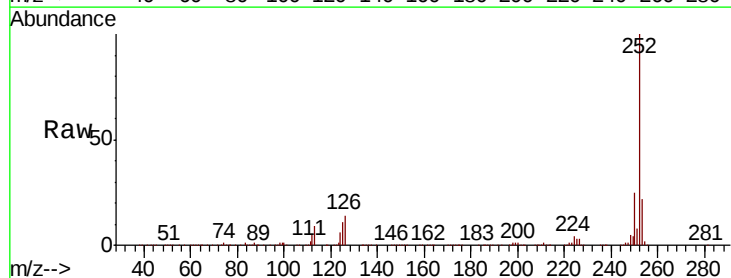
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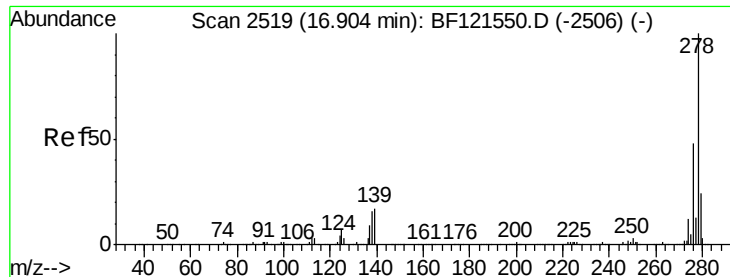
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#90
Benzo(a)pyrene
Concen: 46.046 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.6	17.4	26.2	
125	10.8	9.1	13.7	





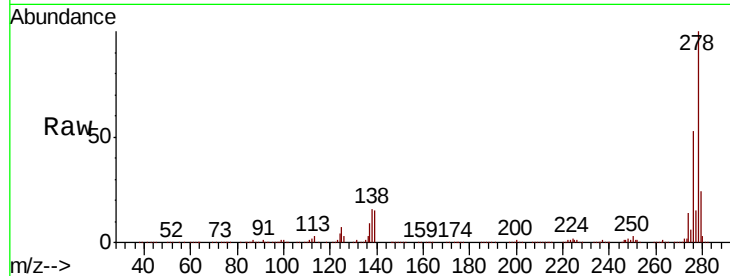
#91
Dibenzo(a,h)anthracene
Concen: 44.693 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Instrument :
BNA_F
ClientSampleId :
HD-01-092220MSD

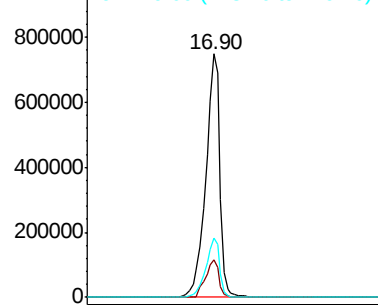
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.0	18.0
279	24.3	19.4	29.2

Manual Integrations
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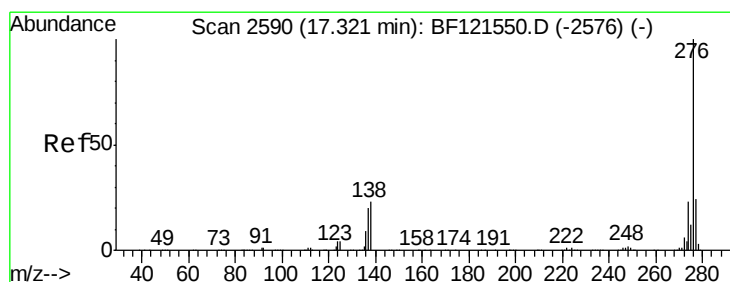
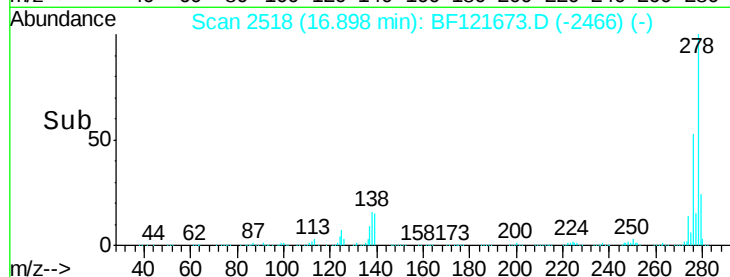
mohammad
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



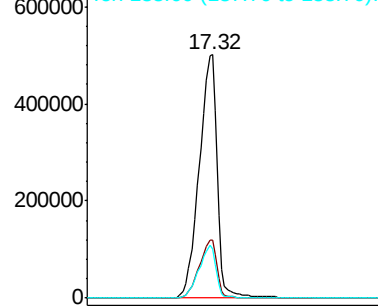
Time-->



#92
Benzo(g,h,i)perylene
Concen: 45.016 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.01 min
Lab File: BF121673.D
Acq: 23 Sep 2020 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	20.4	16.9	25.3

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

