

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125734.D
 Acq On : 30 Sep 2021 15:34
 Operator : JU/CG
 Sample : M3971-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KEARNY-COMP

Quant Time: Sep 30 16:02:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

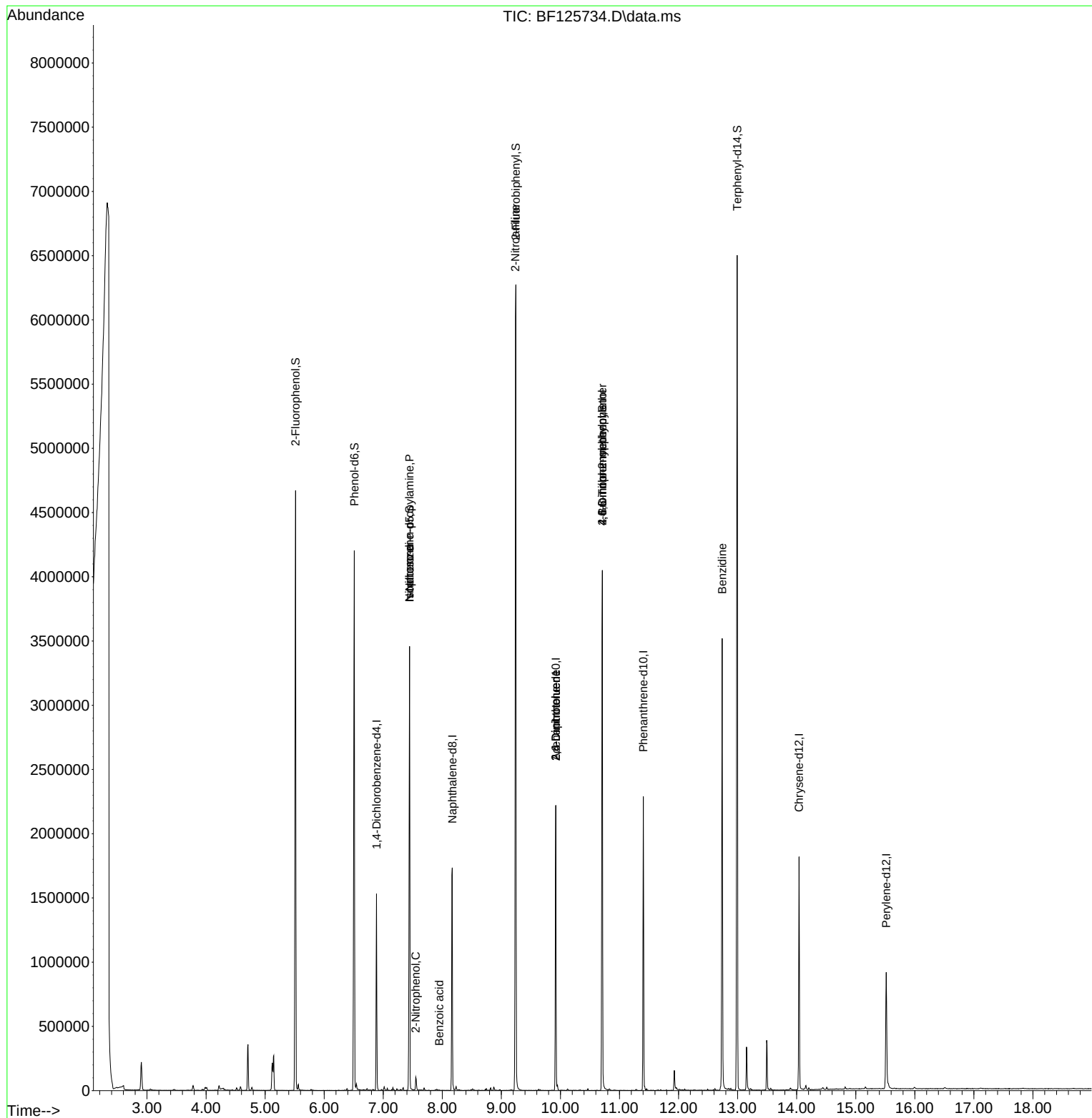
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	212019	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	860829	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	462051	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	794122	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	567948	20.000	ng	0.00
86) Perylene-d12	15.515	264	438181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1487604	115.599	ng	0.01
7) Phenol-d6	6.510	99	1644121	95.031	ng	0.00
23) Nitrobenzene-d5	7.445	82	1166239	94.497	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	575237	133.527	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2240111	87.508	ng	0.00
79) Terphenyl-d14	12.992	244	2462466	75.084	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	2242	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	145666	14.788	ng	# 50
25) Isophorone	7.445	82	1163382	42.091	ng	# 59
26) 2-Nitrophenol	7.551	139	790	5.839	ng	# 39
32) Benzoic acid	7.951	122	853	8.706	ng	# 28
48) 2-Nitroaniline	9.239	65	3062	4.578	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	57420	12.395	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	57420	11.336	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1273	9.281	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	32320	3.878	ng	# 1
77) Benzidine	12.739	184	1342125	89.954	ng	97

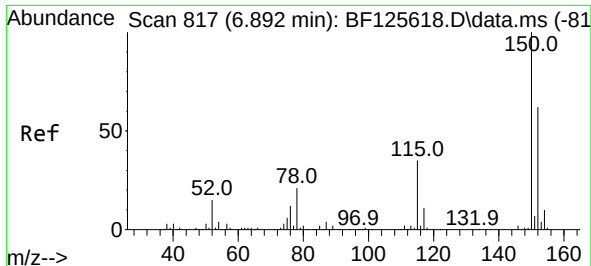
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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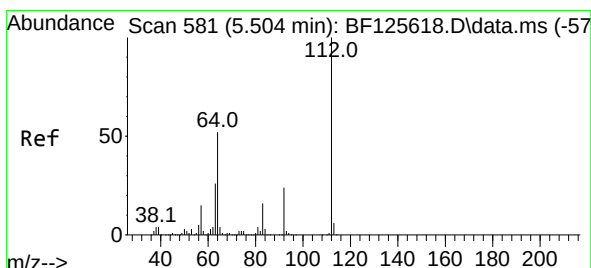
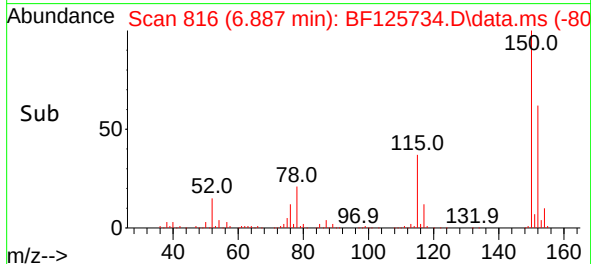
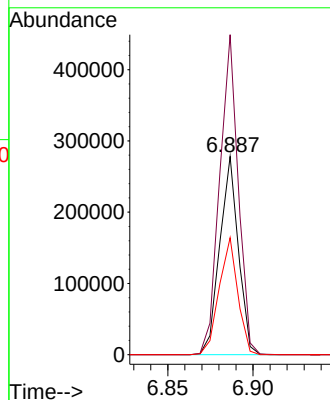
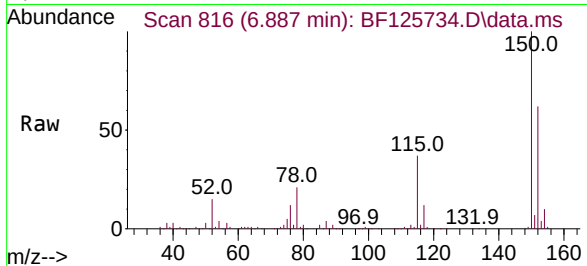




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

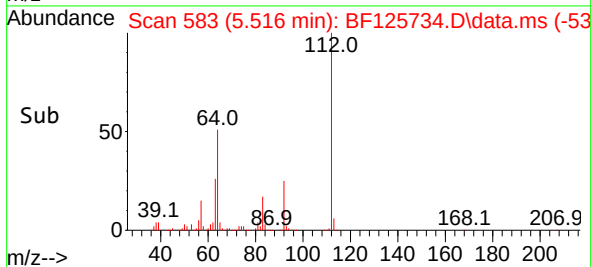
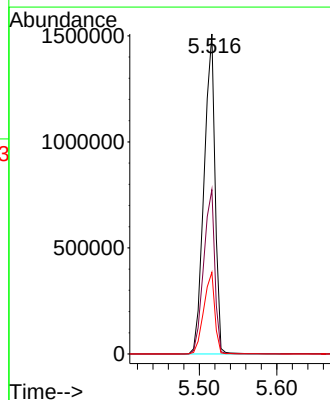
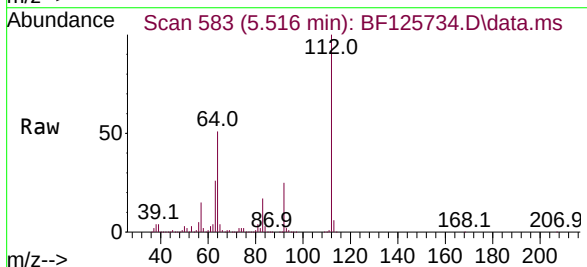
Instrument :
BNA_F
ClientSampleId :
KEARNY-COMP

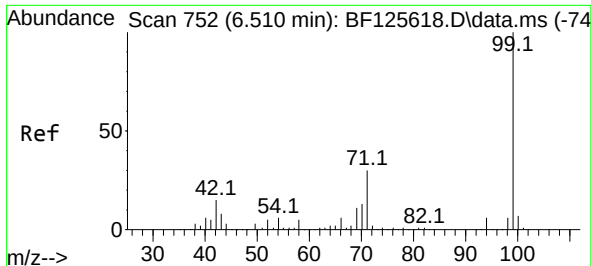
Tgt Ion:152 Resp: 212019
Ion Ratio Lower Upper
152 100
150 161.4 117.6 176.4
115 59.0 47.1 70.7



#5
2-Fluorophenol
Concen: 115.599 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Tgt Ion:112 Resp: 1487604
Ion Ratio Lower Upper
112 100
64 51.4 44.2 66.2
63 25.5 26.2 39.2#

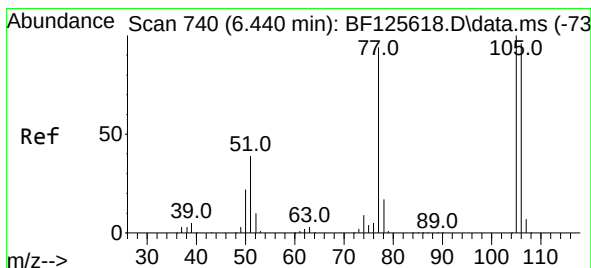
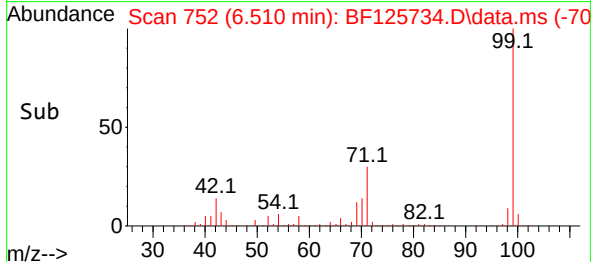
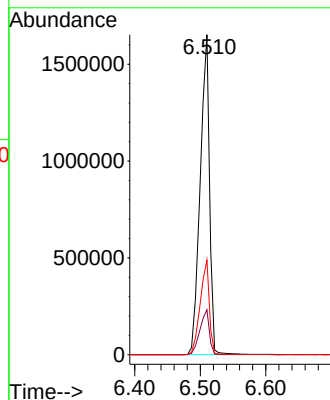
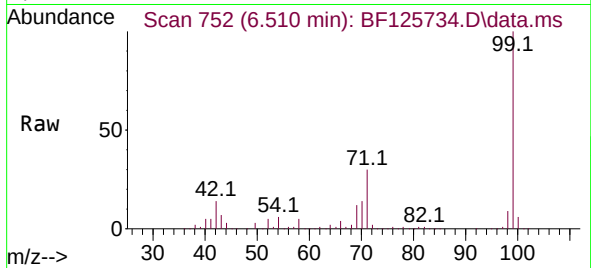




#7
Phenol-d6
Concen: 95.031 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

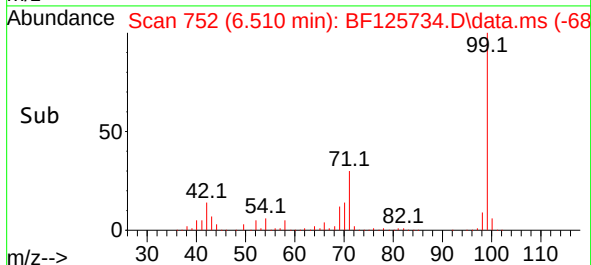
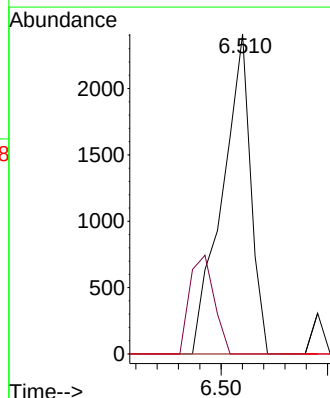
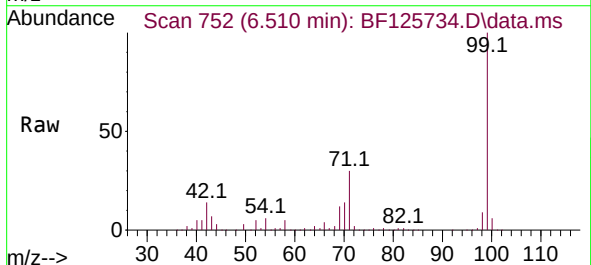
Instrument :
BNA_F
ClientSampleId :
KEARNY-COMP

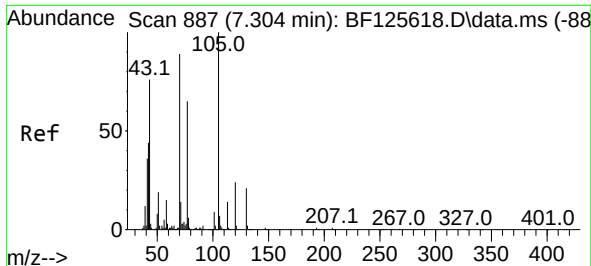
Tgt Ion: 99 Resp: 1644121
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 29.6 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Tgt Ion: 77 Resp: 2242
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

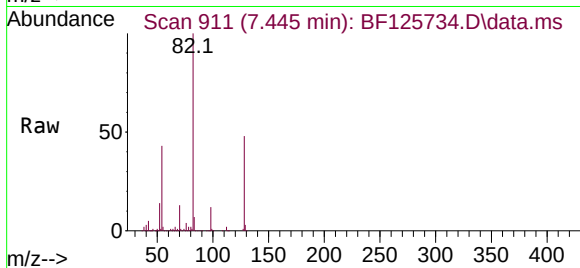




#19

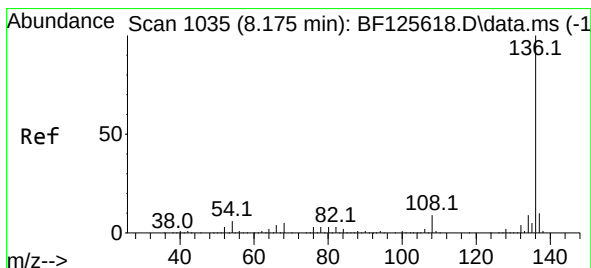
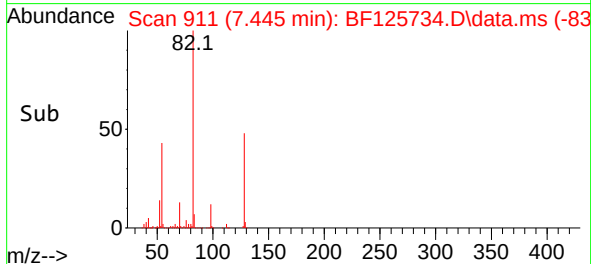
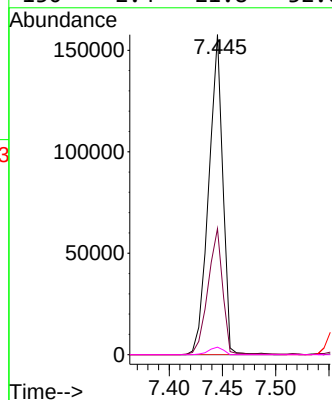
n-Nitroso-di-n-propylamine
 Concen: 14.788 ng
 RT: 7.445 min Scan# 911
 Delta R.T. 0.141 min
 Lab File: BF125734.D
 Acq: 30 Sep 2021 15:34

Instrument :
 BNA_F
 ClientSampleId :
 KEARNY-COMP



Tgt Ion: 70 Resp: 145666

Ion	Ratio	Lower	Upper
70	100		
42	39.4	72.2	108.2#
101	0.0	7.8	11.8#
130	2.4	21.8	32.6#

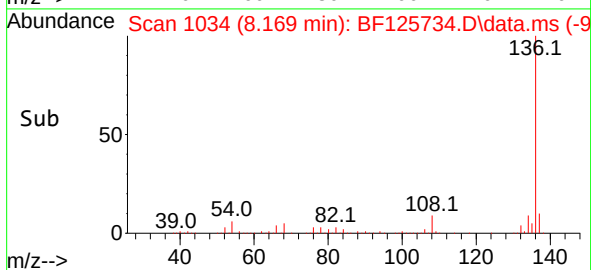
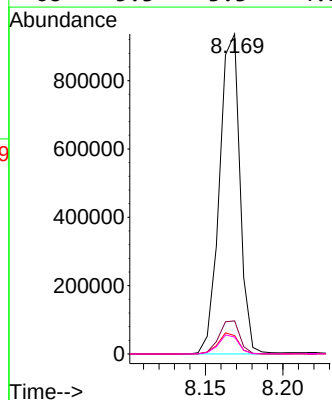
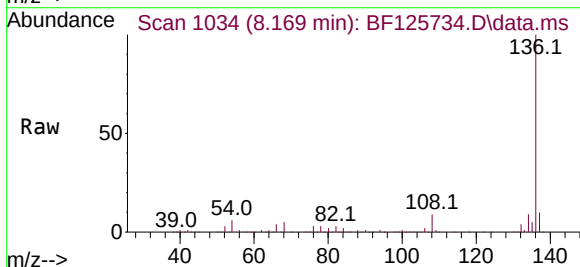


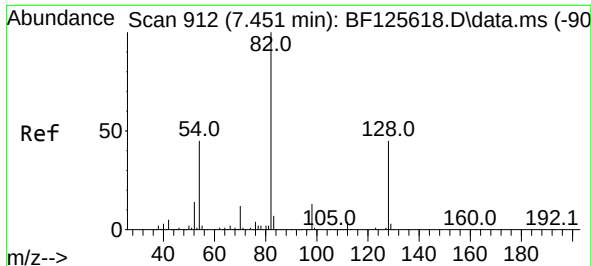
#21

Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.169 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: BF125734.D
 Acq: 30 Sep 2021 15:34

Tgt Ion: 136 Resp: 860829

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.6
54	5.8	6.4	9.6#
68	5.3	3.3	4.9#

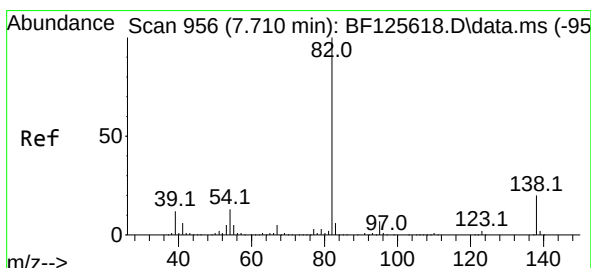
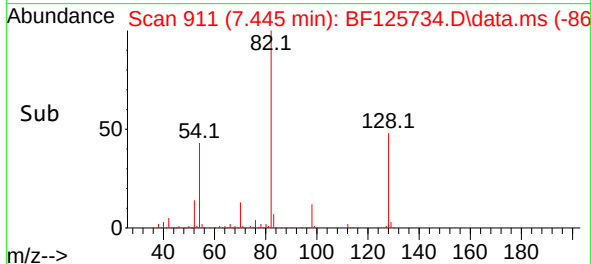
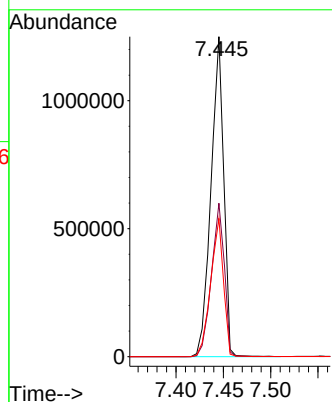
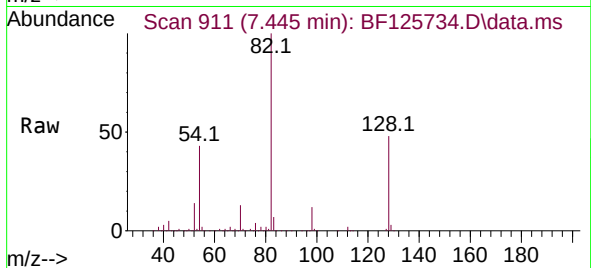




#23
Nitrobenzene-d5
Concen: 94.497 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

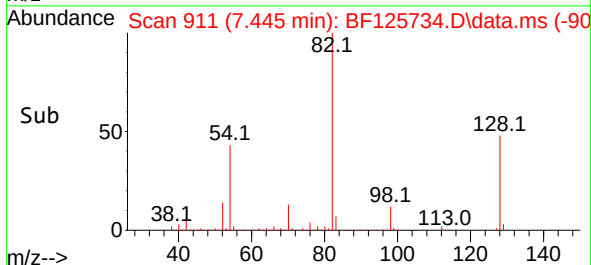
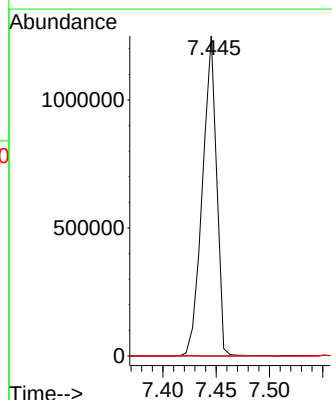
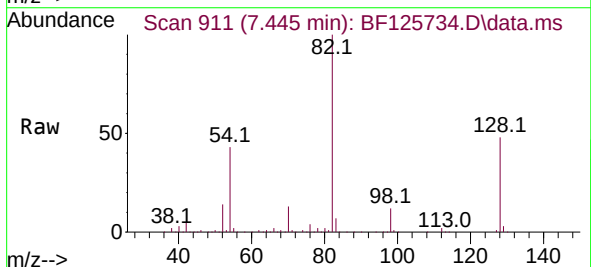
Instrument :
BNA_F
ClientSampleId :
KEARNY-COMP

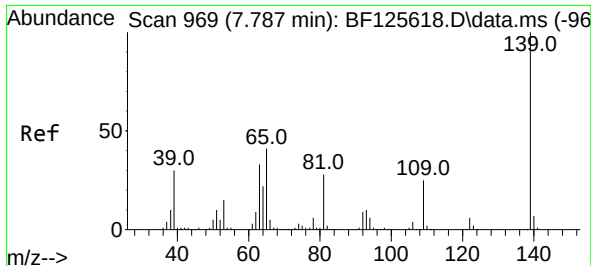
Tgt Ion: 82 Resp: 1166239
Ion Ratio Lower Upper
82 100
128 48.0 40.6 60.8
54 43.2 49.6 74.4#



#25
Isophorone
Concen: 42.091 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Tgt Ion: 82 Resp: 1163382
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

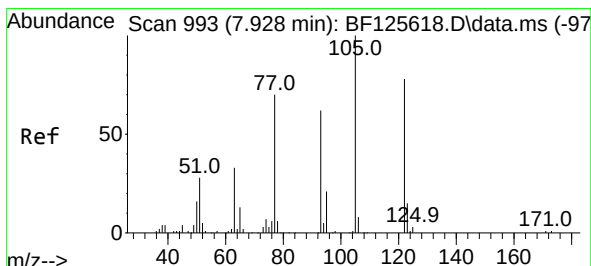
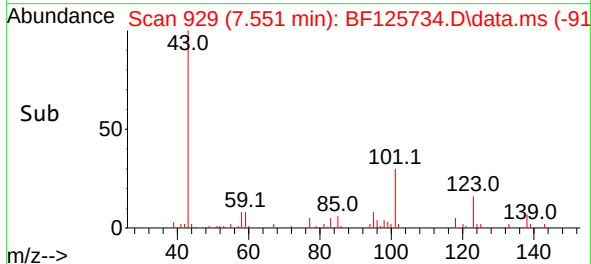
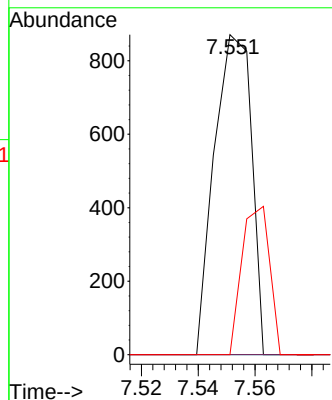
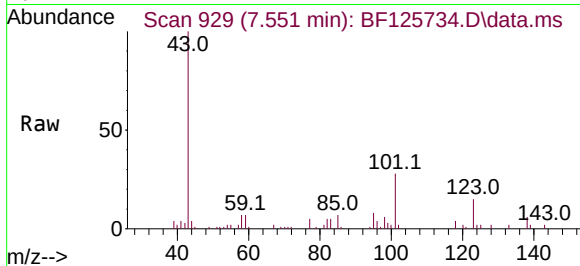




#26
2-Nitrophenol
Concen: 5.839 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.236 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

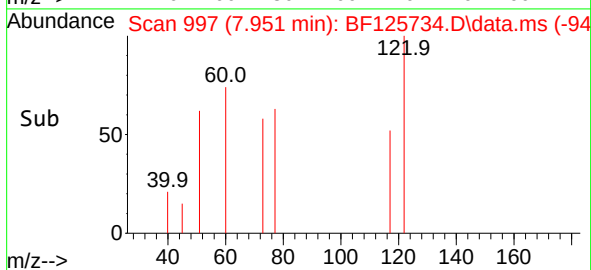
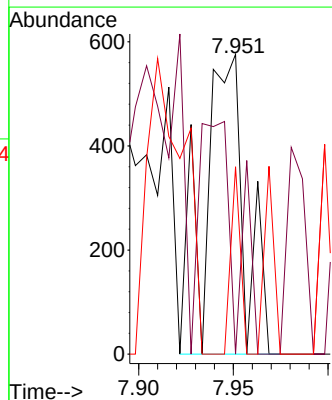
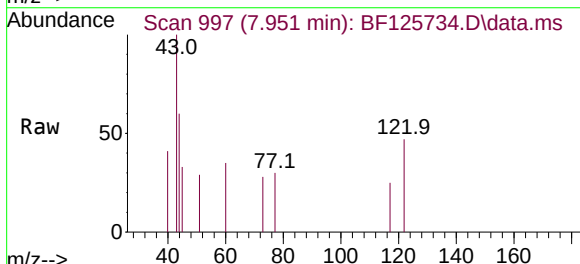
Instrument :
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KEARNY-COMP

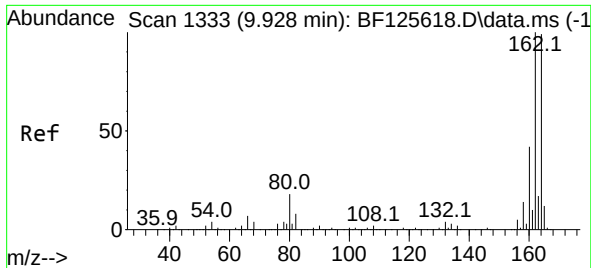
Tgt Ion:139 Resp: 790
Ion Ratio Lower Upper
139 100
109 0.0 26.0 39.0#
65 0.0 31.0 46.4#



#32
Benzoic acid
Concen: 8.706 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.023 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Tgt Ion:122 Resp: 853
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 62.5 59.6 99.6

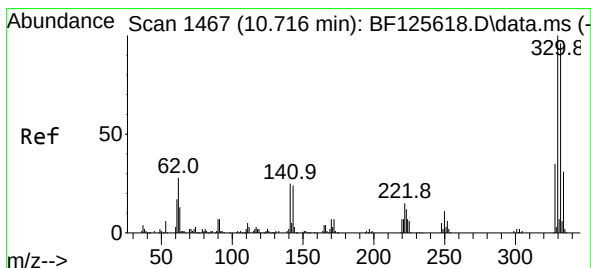
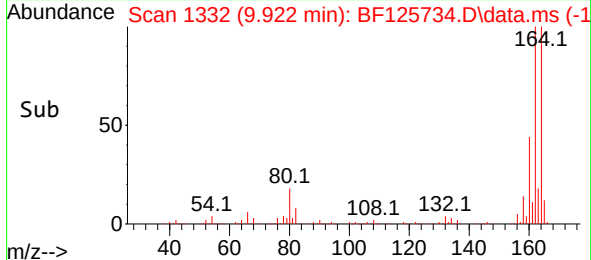
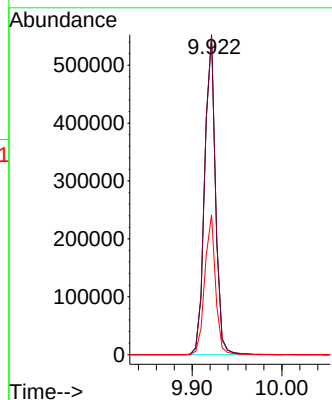
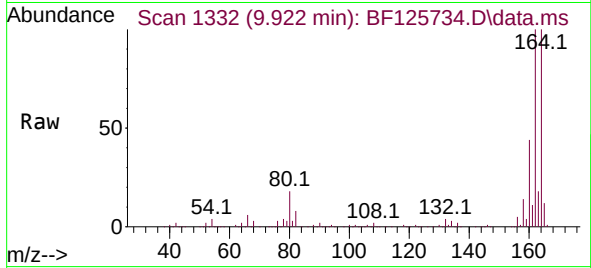




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

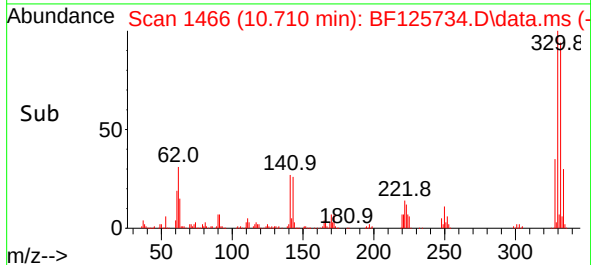
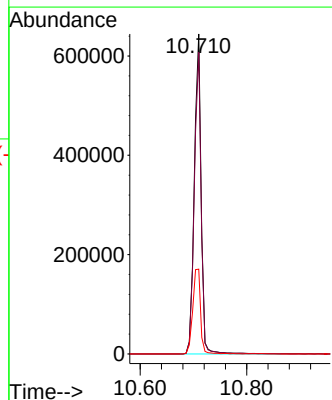
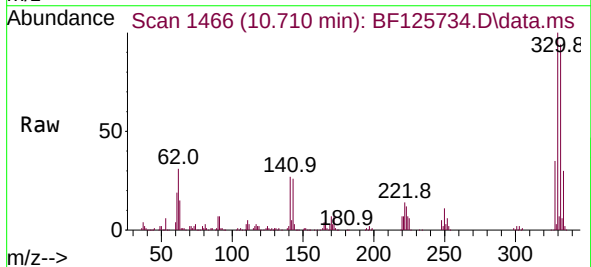
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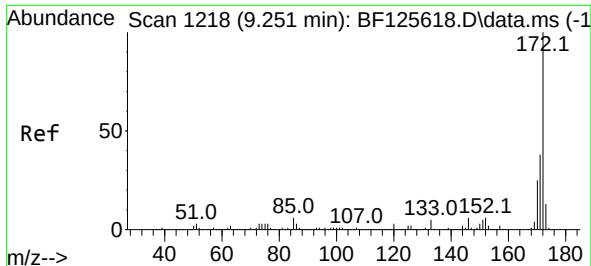
Tgt Ion:164	Resp: 462051
Ion Ratio	Lower Upper
164	100
162	100.4 81.3 121.9
160	43.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 133.527 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Tgt Ion:330	Resp: 575237
Ion Ratio	Lower Upper
330	100
332	94.9 76.2 114.4
141	30.3 44.6 66.8#

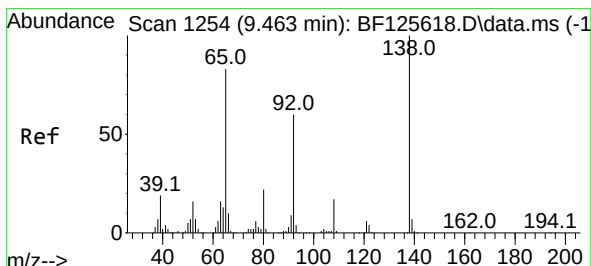
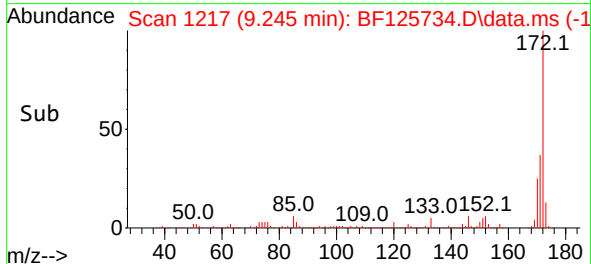
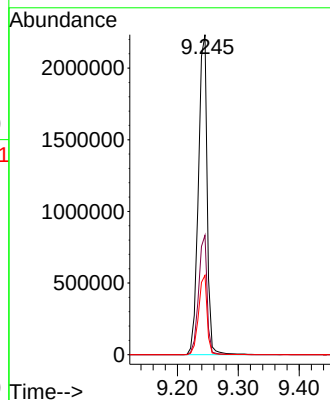
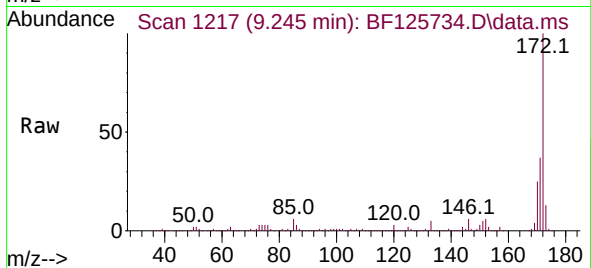




#45
2-Fluorobiphenyl
Concen: 87.508 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

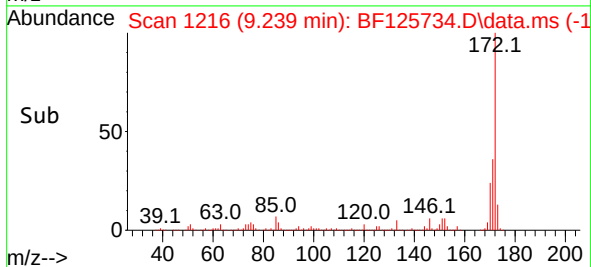
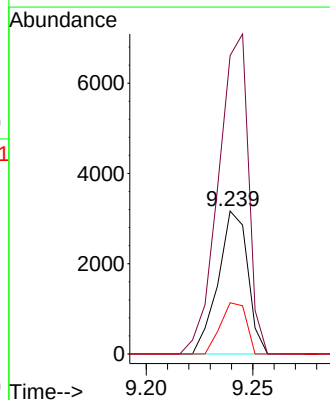
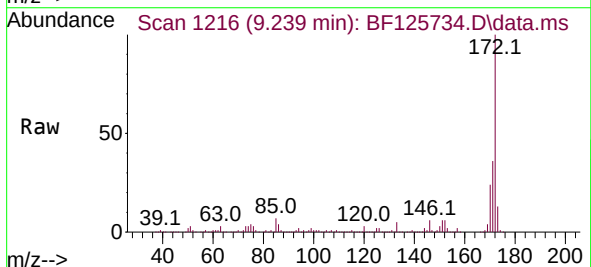
Instrument :
BNA_F
ClientSampleId :
KEARNY-COMP

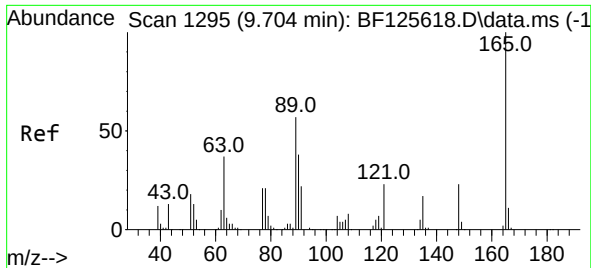
Tgt Ion:172 Resp: 2240111
Ion Ratio Lower Upper
172 100
171 37.3 26.5 39.7
170 24.8 18.8 28.2



#48
2-Nitroaniline
Concen: 4.578 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Tgt Ion: 65 Resp: 3062
Ion Ratio Lower Upper
65 100
92 208.8 55.5 83.3#
138 35.8 93.5 140.3#

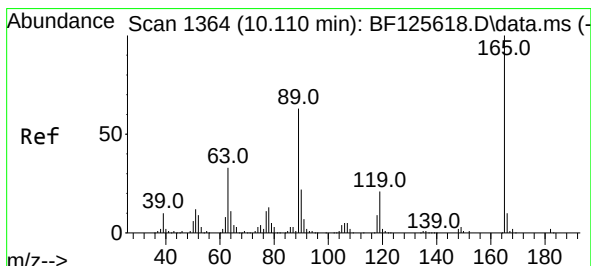
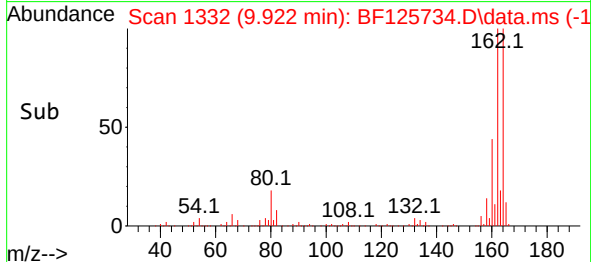
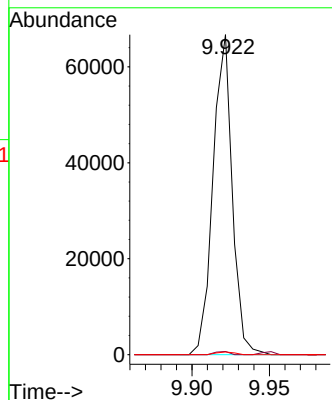
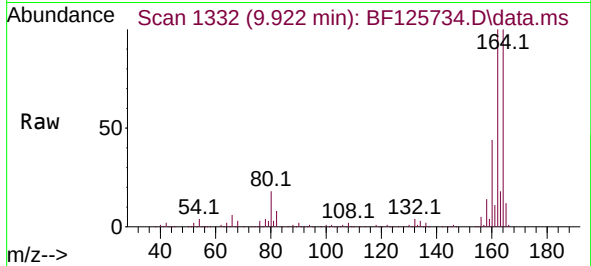




#51
2,6-Dinitrotoluene
Concen: 12.395 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

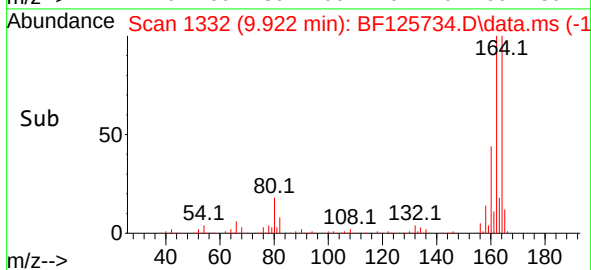
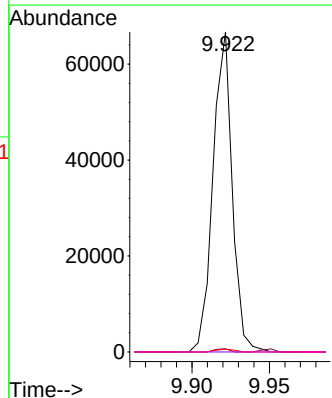
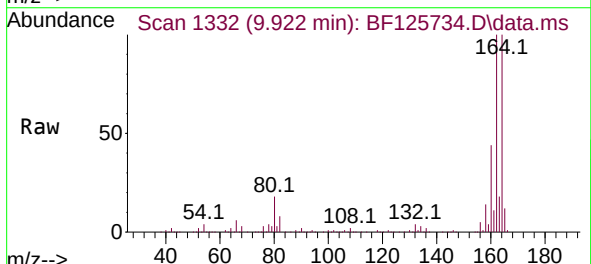
Instrument :
BNA_F
ClientSampleId :
KEARNY-COMP

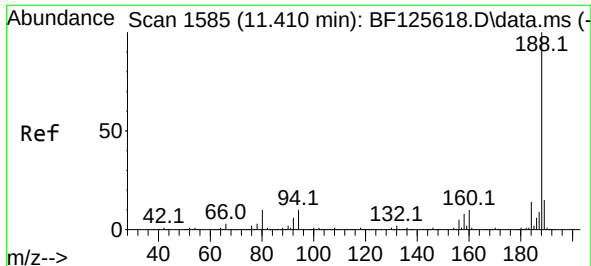
Tgt Ion:165 Resp: 57420
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.336 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Tgt Ion:165 Resp: 57420
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

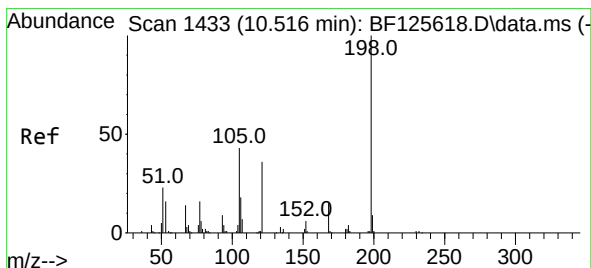
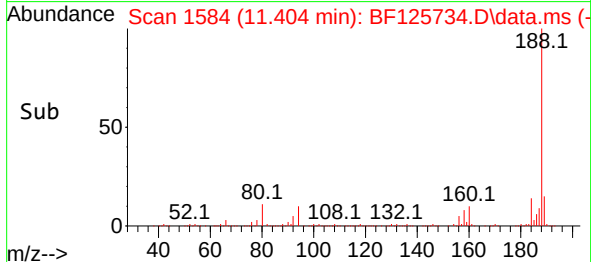
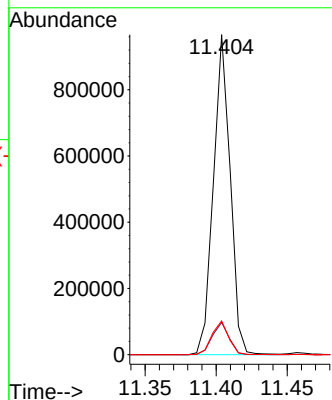
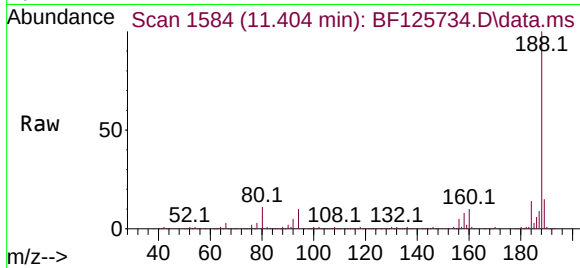




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

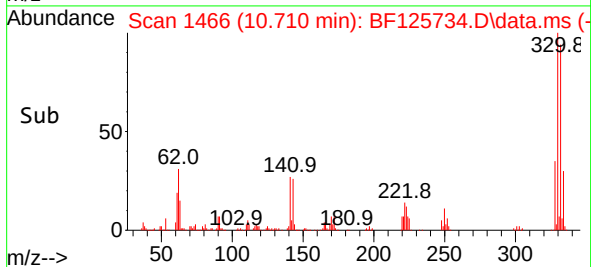
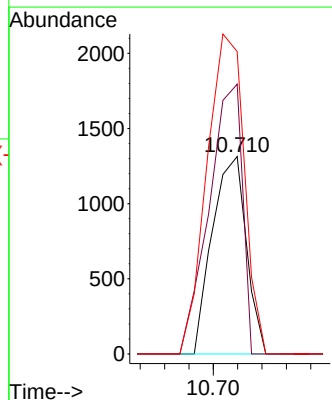
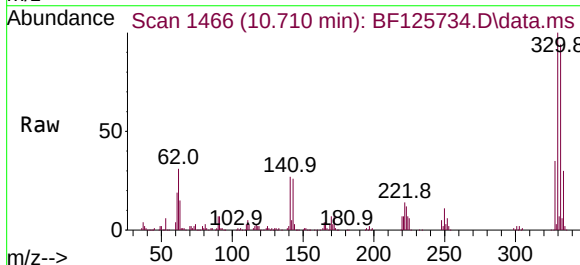
Instrument :
BNA_F
ClientSampleId :
KEARNY-COMP

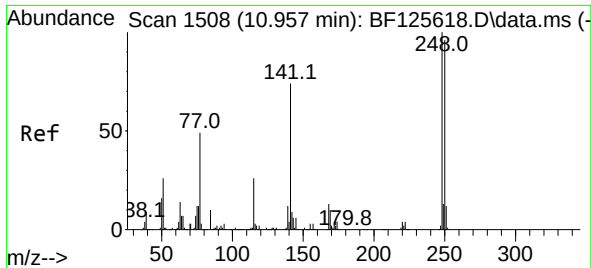
Tgt Ion:188 Resp: 794122
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 10.6 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.281 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Tgt Ion:198 Resp: 1273
Ion Ratio Lower Upper
198 100
51 136.6 45.3 85.3#
105 153.1 30.6 70.6#

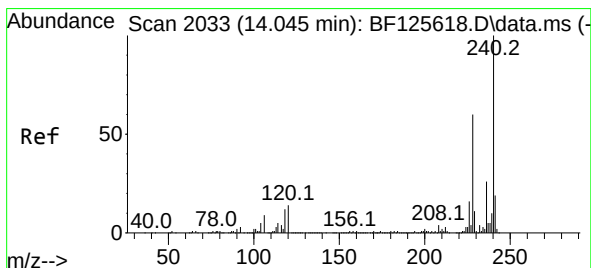
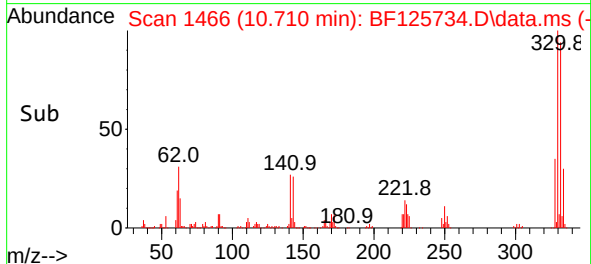
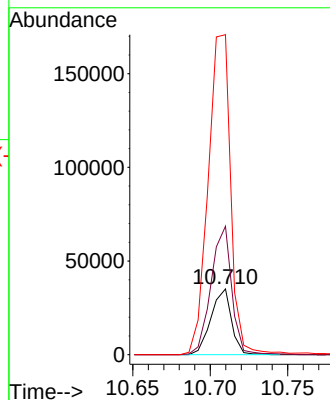
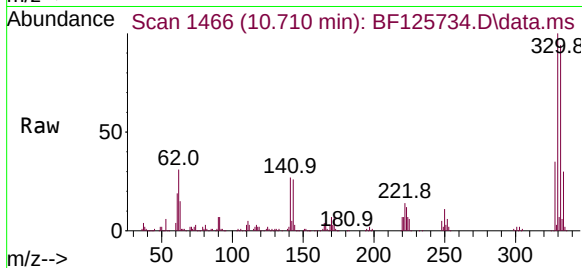




#67
4-Bromophenyl-phenylether
Concen: 3.878 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

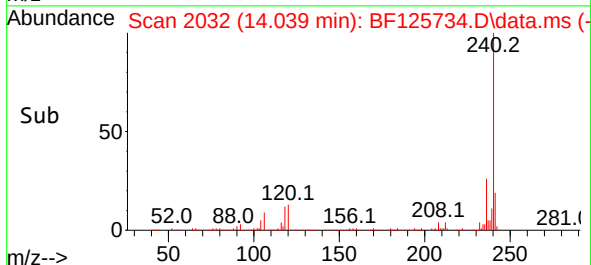
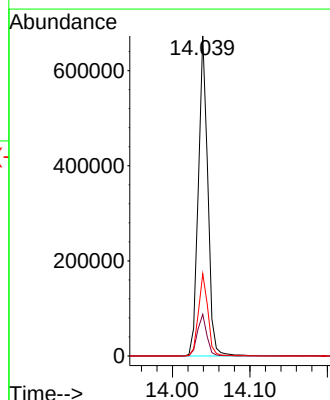
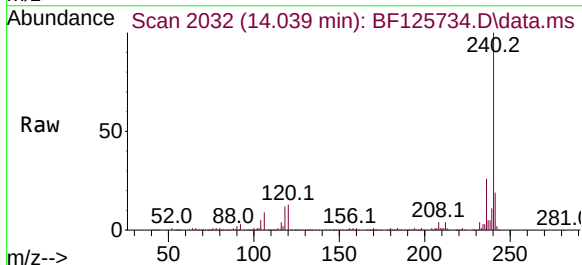
Instrument :
BNA_F
ClientSampleId :
KEARNY-COMP

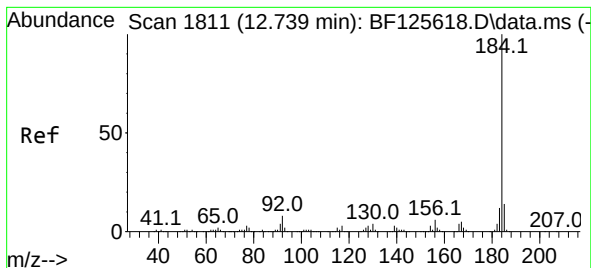
Tgt Ion:248 Resp: 32320
Ion Ratio Lower Upper
248 100
250 195.3 74.2 111.4#
141 486.4 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Tgt Ion:240 Resp: 567948
Ion Ratio Lower Upper
240 100
120 13.0 10.8 16.2
236 25.7 21.6 32.4

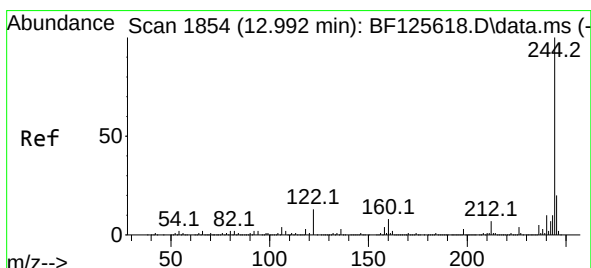
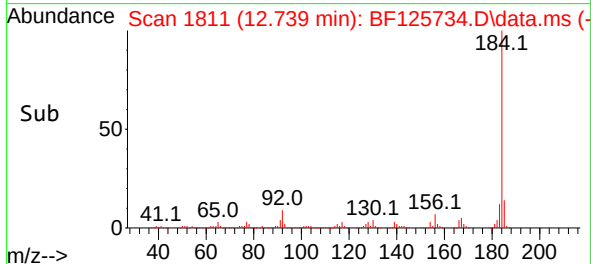
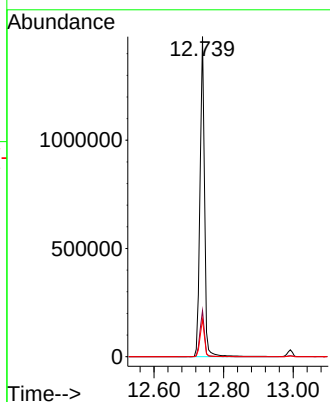
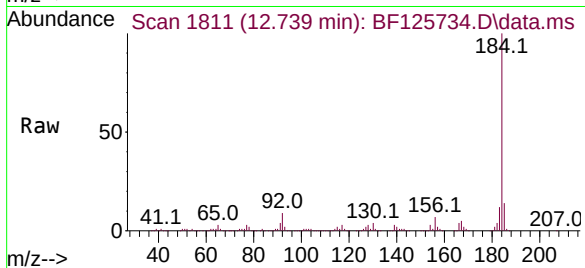




#77
Benzidine
Concen: 89.954 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

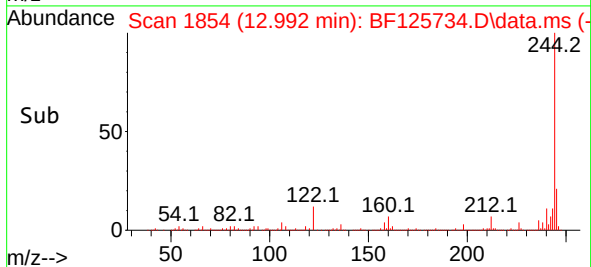
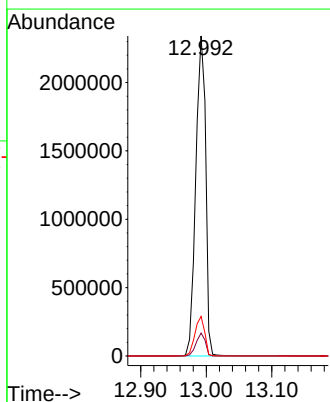
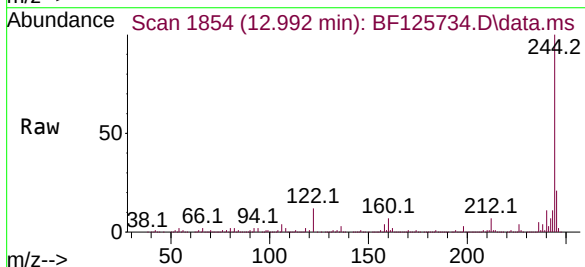
Instrument :
BNA_F
ClientSampleId :
KEARNY-COMP

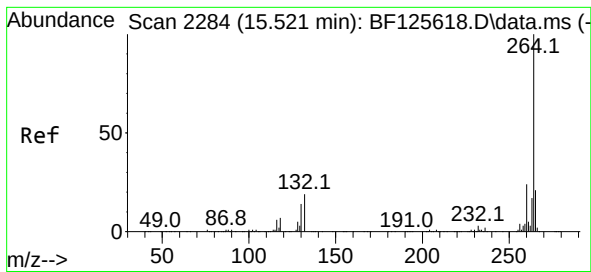
Tgt Ion:184 Resp: 1342125
Ion Ratio Lower Upper
184 100
185 14.4 10.8 16.2
183 11.7 8.1 12.1



#79
Terphenyl-d14
Concen: 75.084 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Tgt Ion:244 Resp: 2462466
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.4 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125734.D
Acq: 30 Sep 2021 15:34

Instrument :
BNA_F
ClientSampleId :
KEARNY-COMP

Tgt Ion:264	Resp:	438181
Ion	Ratio	Lower Upper
264	100	
260	24.8	19.6 29.4
265	21.3	17.2 25.8

