

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
 Data File : BF125717.D
 Acq On : 29 Sep 2021 19:53
 Operator : JU/CG
 Sample : M3964-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-13

Quant Time: Sep 30 03:28:18 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)

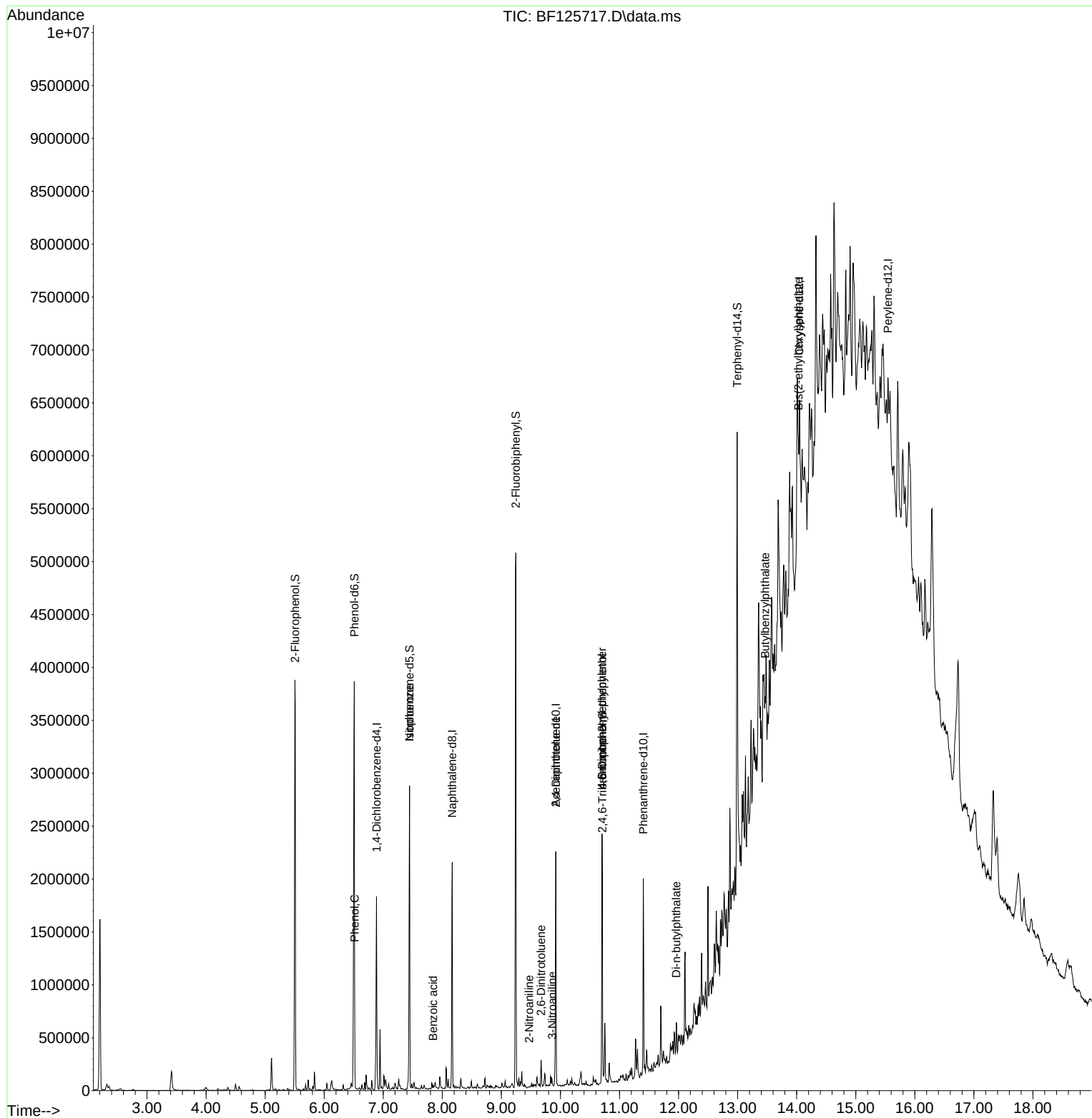
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	249719	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	954953	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	418365	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	624094	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	391932	20.000	ng	0.00
86) Perylene-d12	15.545	264	285306	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1288930	85.039	ng	0.00
7) Phenol-d6	6.510	99	1567895	76.944	ng	0.00
23) Nitrobenzene-d5	7.445	82	899008	65.664	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	302779	77.622	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1674603	69.479	ng	0.00
79) Terphenyl-d14	12.992	244	1303347	57.589	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	2186	Below Cal		93
10) Phenol	6.516	94	48048	2.333 ng		92
25) Isophorone	7.445	82	894758	29.182 ng	#	59
32) Benzoic acid	7.845	122	1695	8.767 ng		92
48) 2-Nitroaniline	9.469	65	112	4.174 ng	#	1
51) 2,6-Dinitrotoluene	9.674	165	20908	7.447 ng	#	30
53) 3-Nitroaniline	9.863	138	377	3.197 ng	#	9
57) 2,4-Dinitrotoluene	9.922	165	53912	11.578 ng	#	19
65) 4,6-Dinitro-2-methylph...	10.704	198	530	9.155 ng	#	1
67) 4-Bromophenyl-phenylether	10.704	248	17838	2.724 ng	#	1
74) Di-n-butylphthalate	11.963	149	88553	2.581 ng		99
80) Butylbenzylphthalate	13.468	149	51294	4.373 ng		91
84) Bis(2-ethylhexyl)phtha...	14.033	149	126238	9.401 ng	#	89

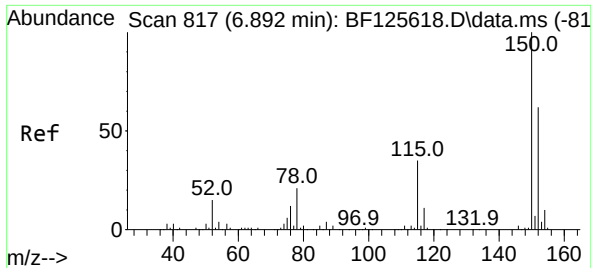
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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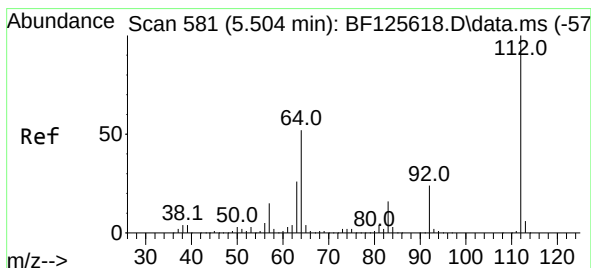
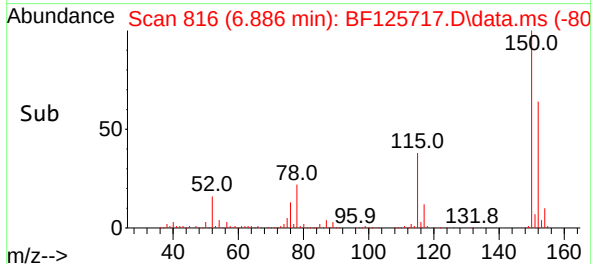
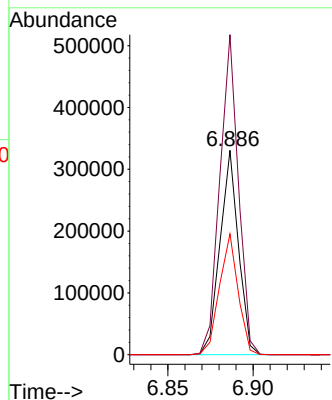
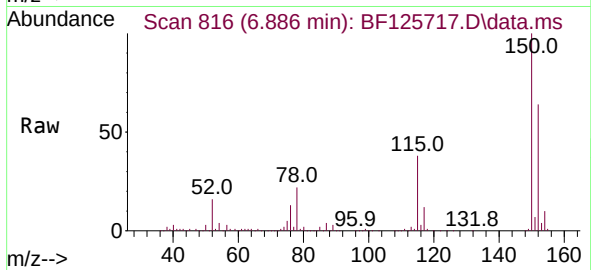




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

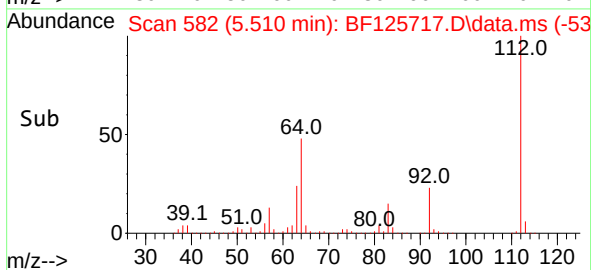
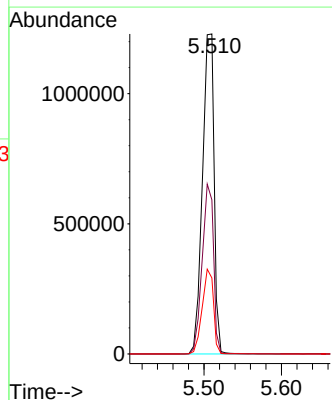
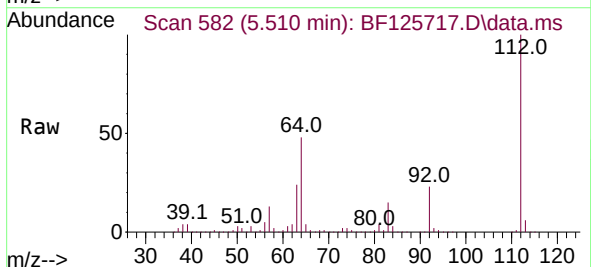
Instrument :
BNA_F
ClientSampleId :
CC-13

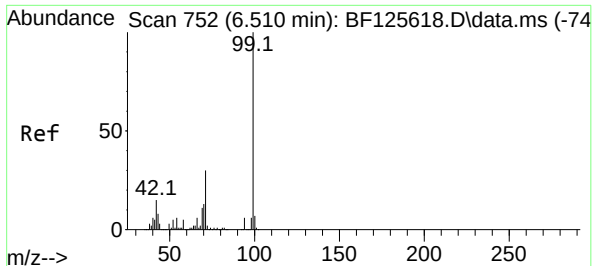
Tgt Ion:152 Resp: 249719
Ion Ratio Lower Upper
152 100
150 156.7 117.6 176.4
115 59.1 47.1 70.7



#5
2-Fluorophenol
Concen: 85.039 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

Tgt Ion:112 Resp: 1288930
Ion Ratio Lower Upper
112 100
64 48.2 44.2 66.2
63 23.7 26.2 39.2#

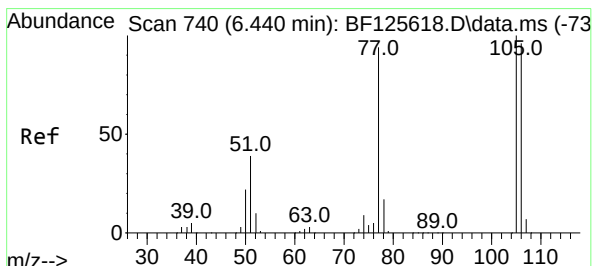
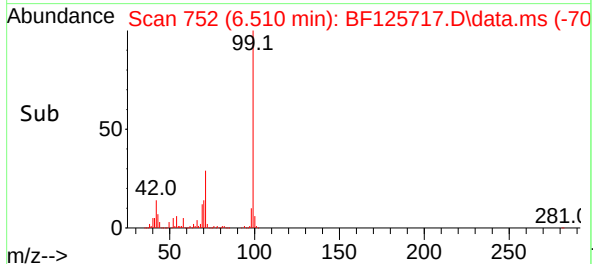
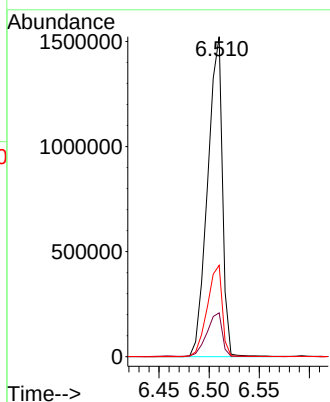
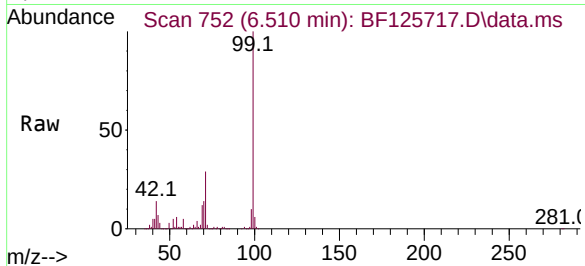




#7
Phenol-d6
Concen: 76.944 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

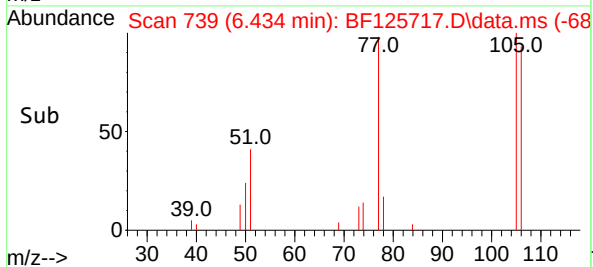
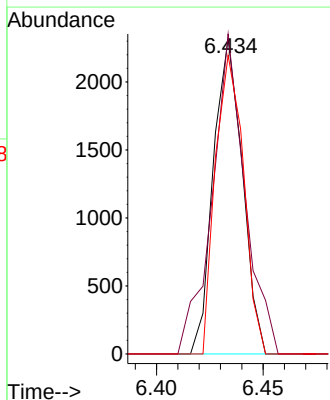
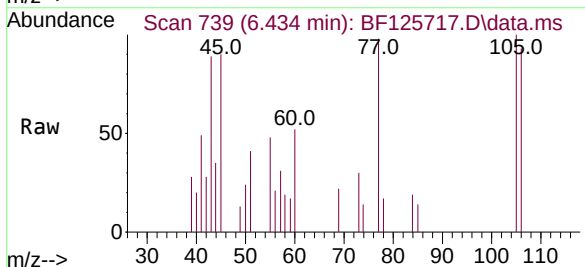
Instrument :
BNA_F
ClientSampleId :
CC-13

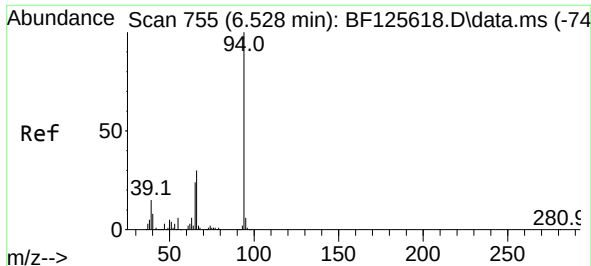
Tgt Ion: 99 Resp: 1567895
Ion Ratio Lower Upper
99 100
42 13.7 23.5 35.3#
71 28.6 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

Tgt Ion: 77 Resp: 2186
Ion Ratio Lower Upper
77 100
105 101.6 75.9 115.9
106 94.8 84.0 124.0

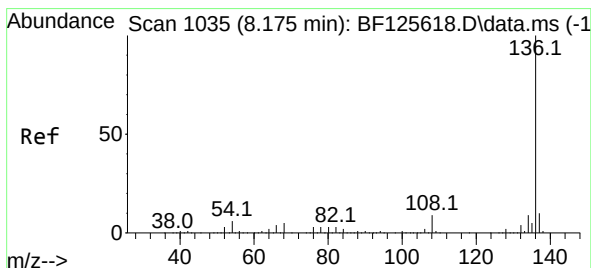
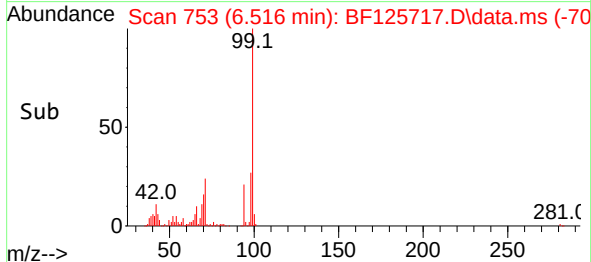
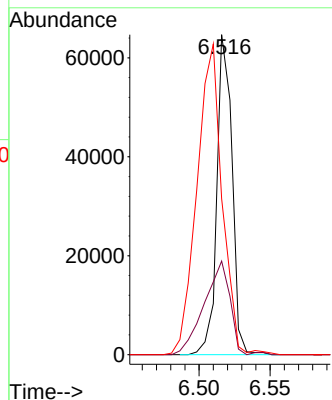
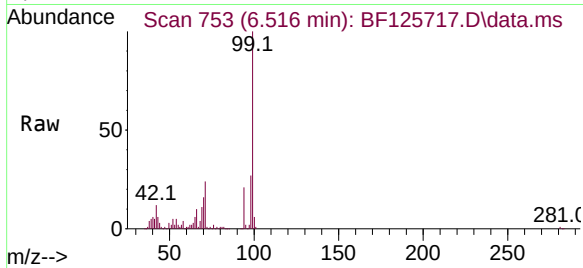




#10
Phenol
Concen: 2.333 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

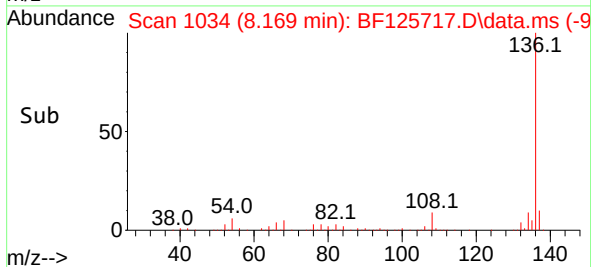
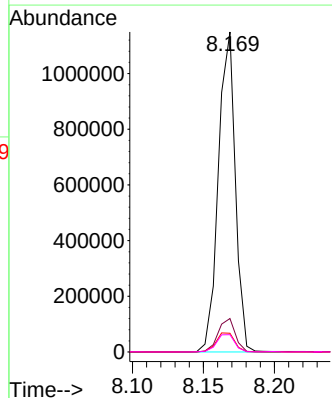
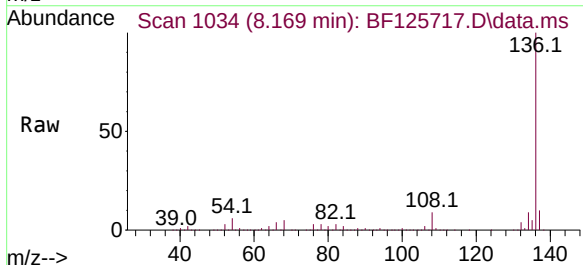
Instrument :
BNA_F
ClientSampleId :
CC-13

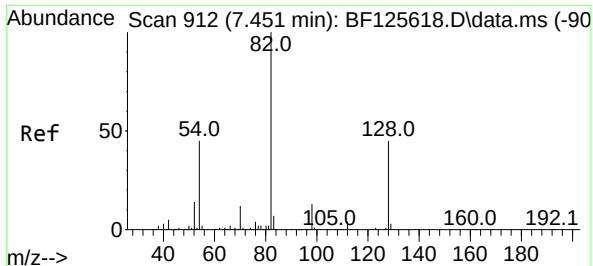
Tgt Ion: 94	Resp: 48048
Ion Ratio	Lower Upper
94 100	
65 29.3	9.3 49.3
66 48.8	20.3 60.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

Tgt Ion: 136	Resp: 954953
Ion Ratio	Lower Upper
136 100	
137 10.4	9.8 14.6
54 5.9	6.4 9.6#
68 5.4	3.3 4.9#





#23

Nitrobenzene-d5

Concen: 65.664 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125717.D

Acq: 29 Sep 2021 19:53

Instrument :

BNA_F

ClientSampleId :

CC-13

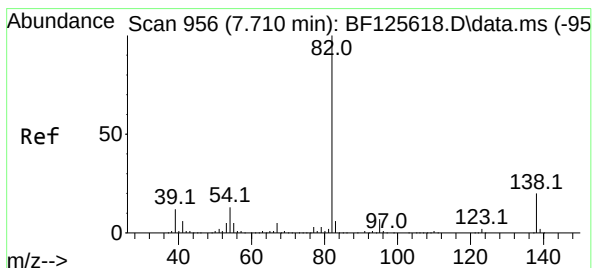
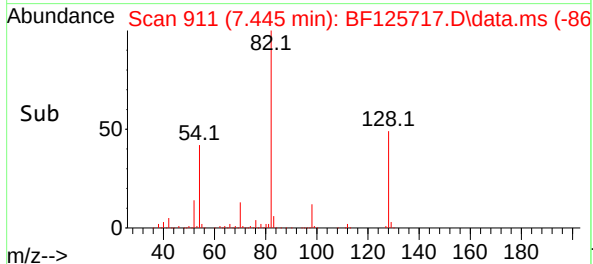
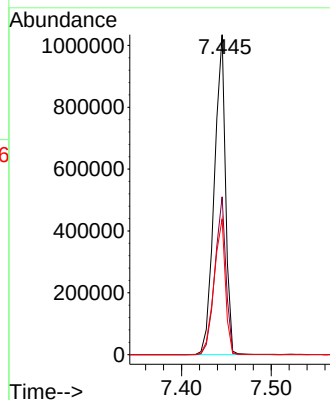
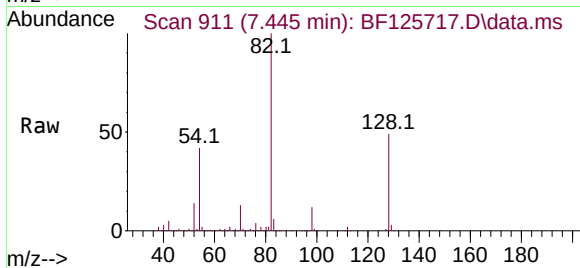
Tgt Ion: 82 Resp: 899008

Ion Ratio Lower Upper

82 100

128 49.4 40.6 60.8

54 42.4 49.6 74.4#



#25

Isophorone

Concen: 29.182 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125717.D

Acq: 29 Sep 2021 19:53

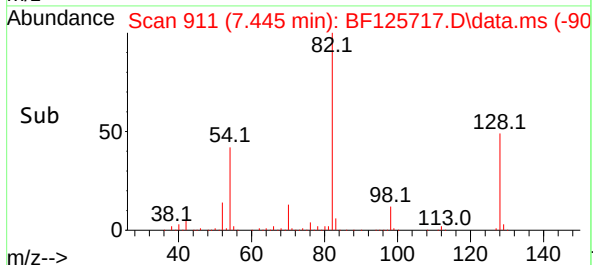
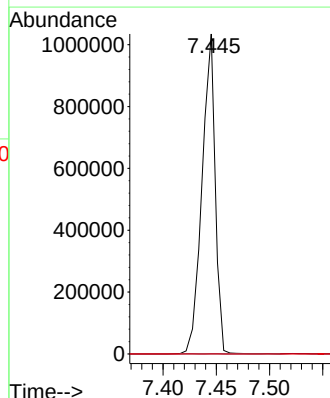
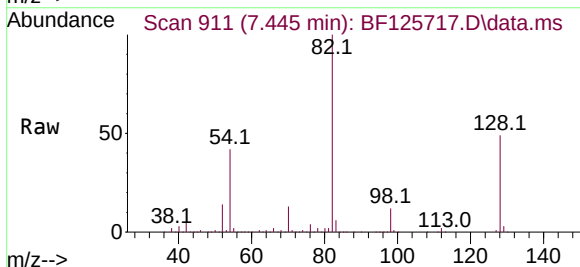
Tgt Ion: 82 Resp: 894758

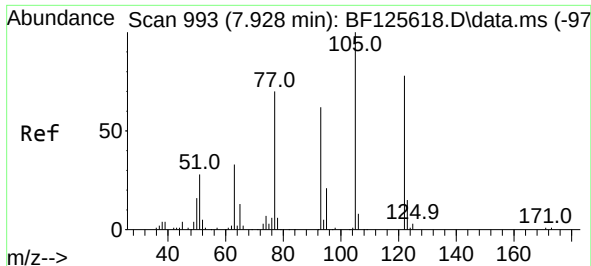
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

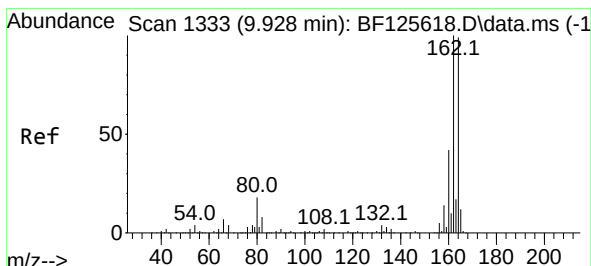
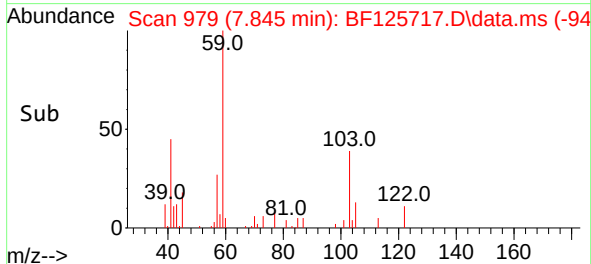
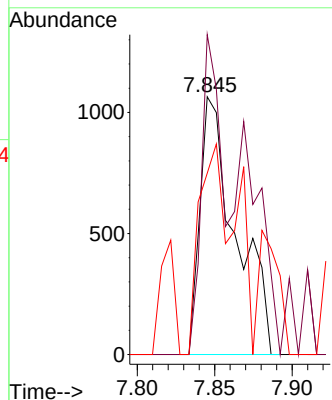
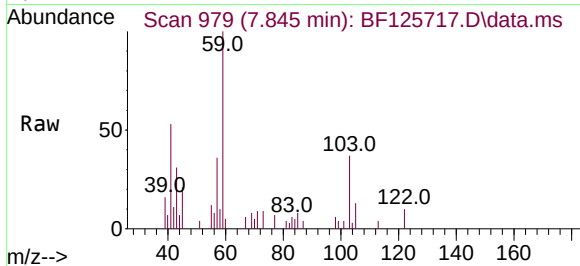




#32
Benzoic acid
Concen: 8.767 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.083 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

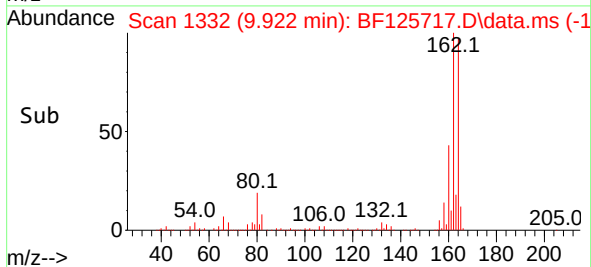
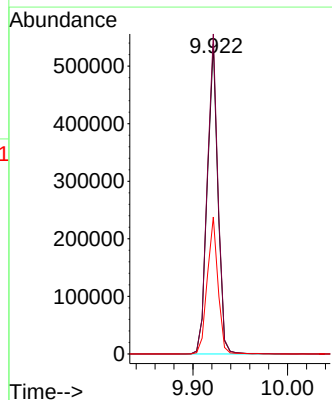
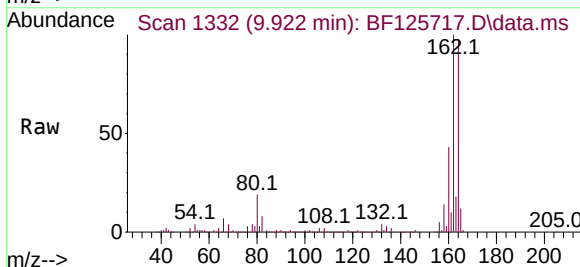
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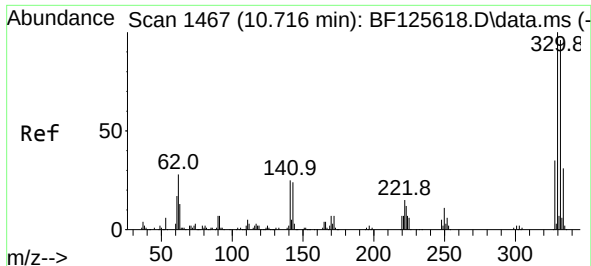
Tgt Ion:122 Resp: 1695
Ion Ratio Lower Upper
122 100
105 124.0 97.6 137.6
77 70.3 59.6 99.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

Tgt Ion:164 Resp: 418365
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 44.2 38.0 57.0

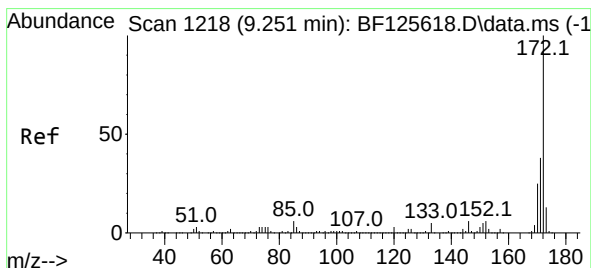
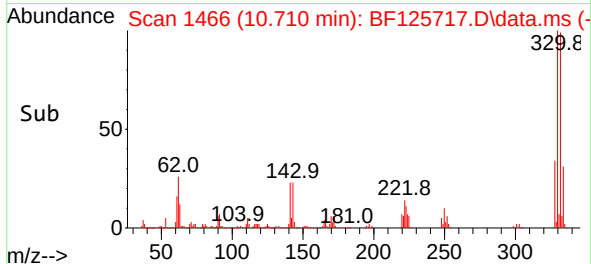
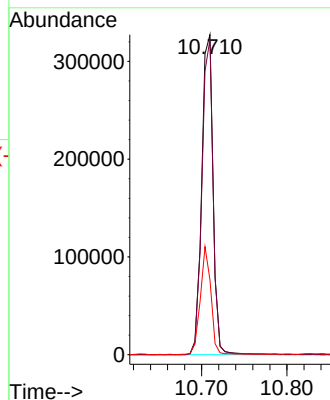
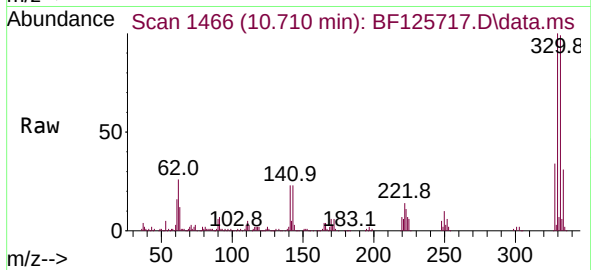




#42
2,4,6-Tribromophenol
Concen: 77.622 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

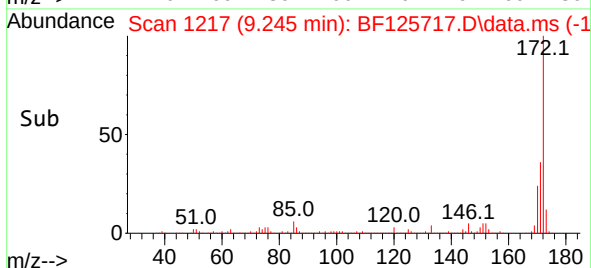
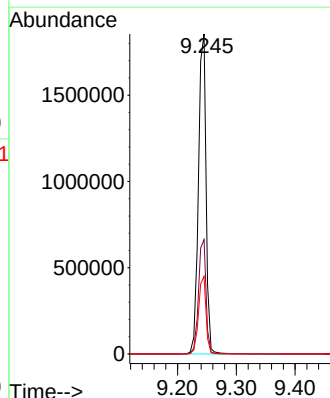
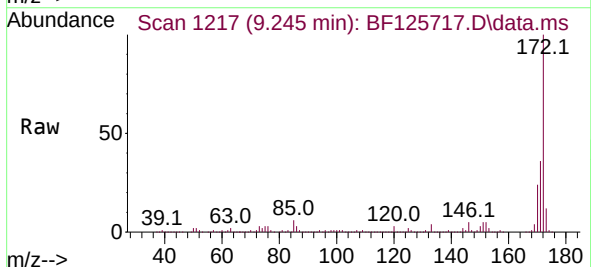
Instrument :
BNA_F
ClientSampled :
CC-13

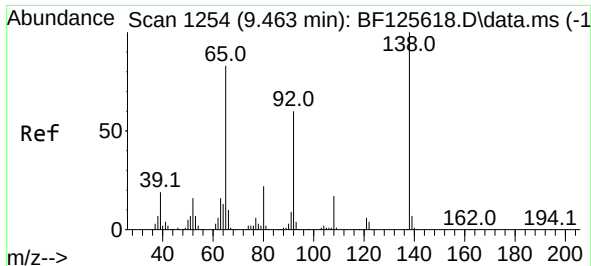
Tgt Ion:330 Resp: 302779
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 31.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 69.479 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

Tgt Ion:172 Resp: 1674603
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 24.2 18.8 28.2

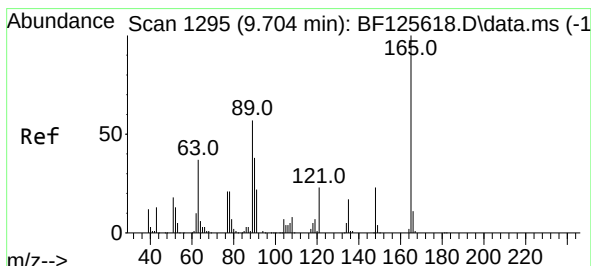
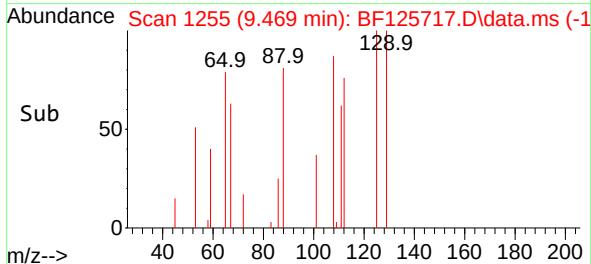
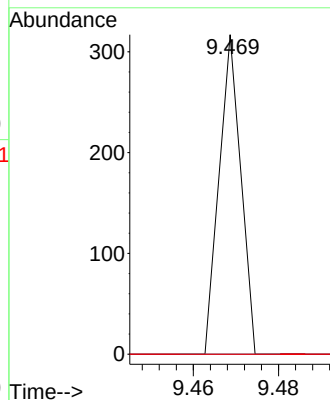
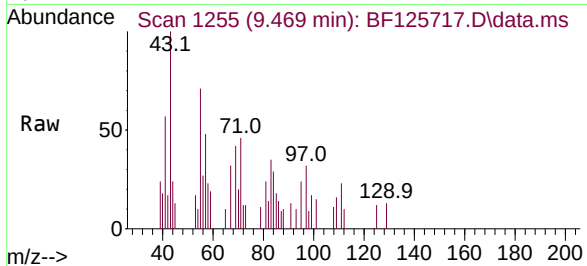




#48
2-Nitroaniline
Concen: 4.174 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

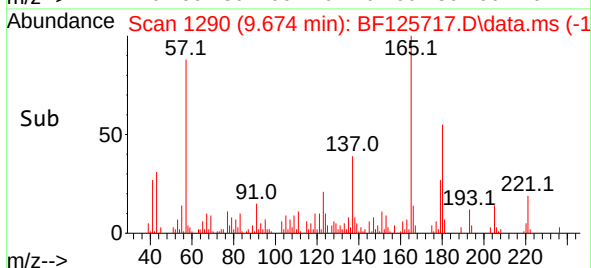
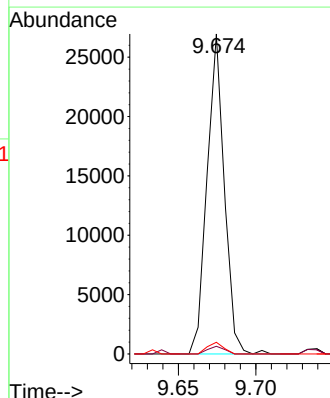
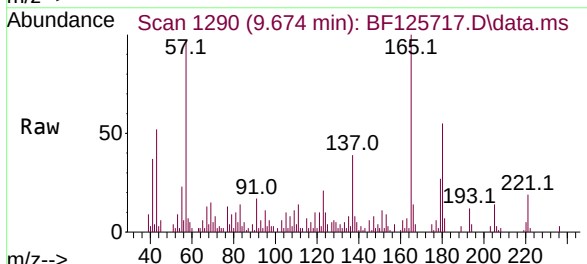
Instrument :
BNA_F
ClientSampled :
CC-13

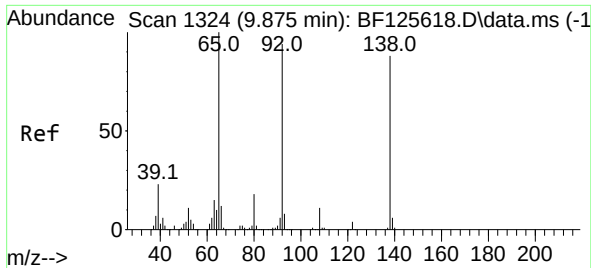
Tgt Ion:	65	Resp:	112
Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.5	83.3#
138	0.0	93.5	140.3#



#51
2,6-Dinitrotoluene
Concen: 7.447 ng
RT: 9.674 min Scan# 1290
Delta R.T. -0.030 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

Tgt Ion:	165	Resp:	20908
Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.6	63.8#
89	3.6	40.6	60.8#

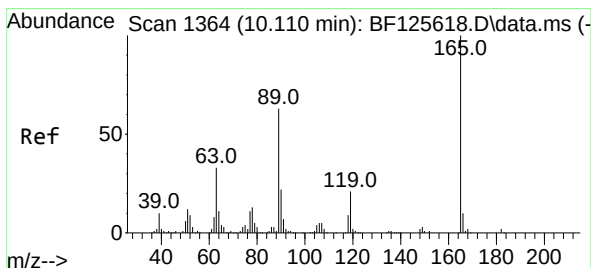
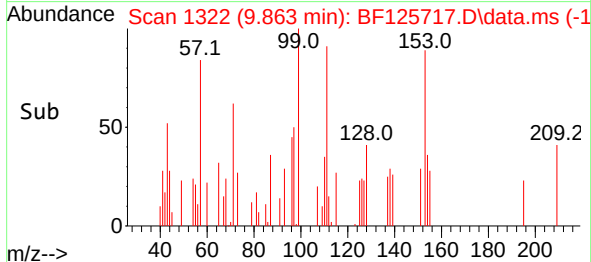
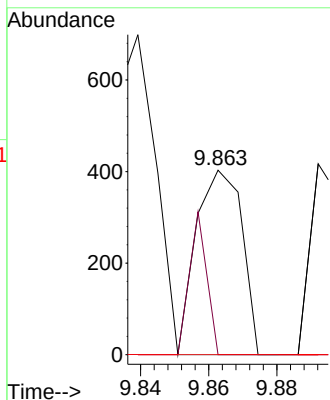
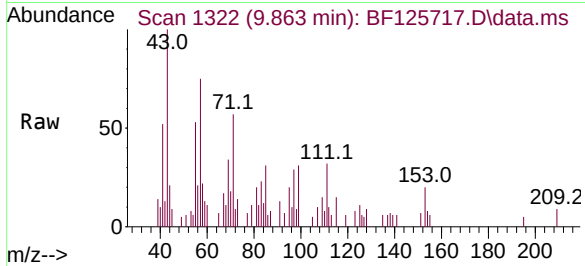




#53
3-Nitroaniline
Concen: 3.197 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

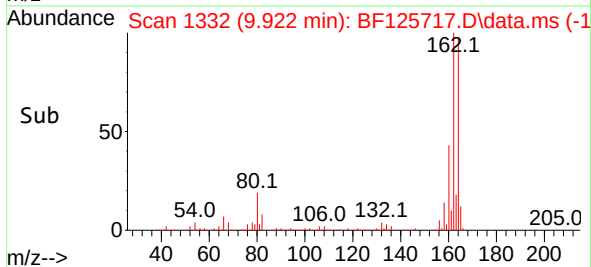
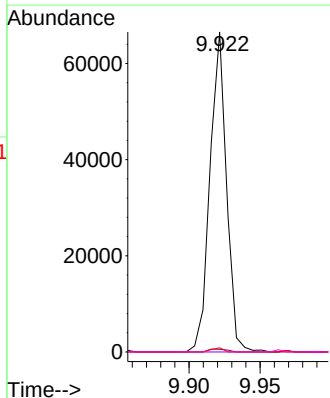
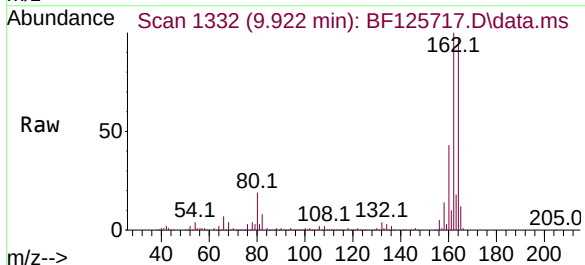
Instrument :
BNA_F
ClientSampled :
CC-13

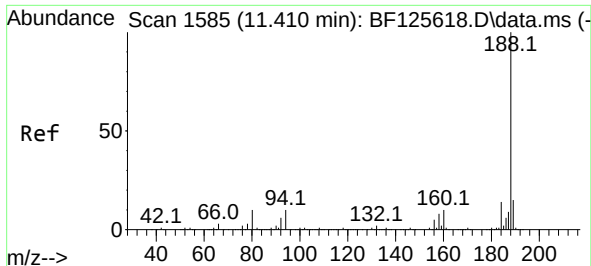
Tgt Ion:138 Resp: 377
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 0.0 76.5 114.7#



#57
2,4-Dinitrotoluene
Concen: 11.578 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

Tgt Ion:165 Resp: 53912
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

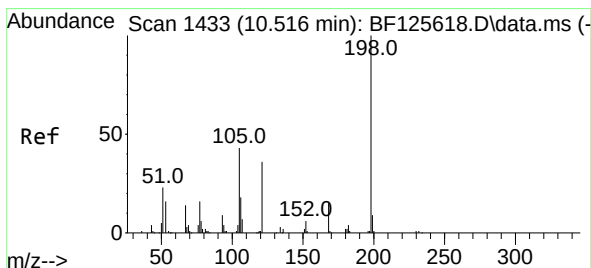
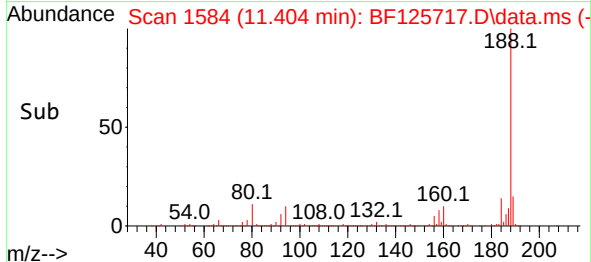
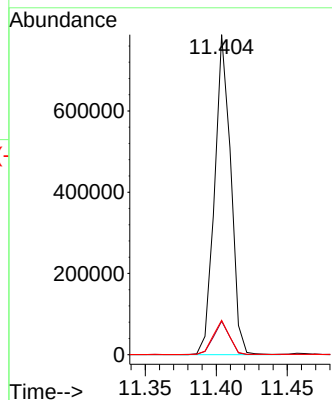
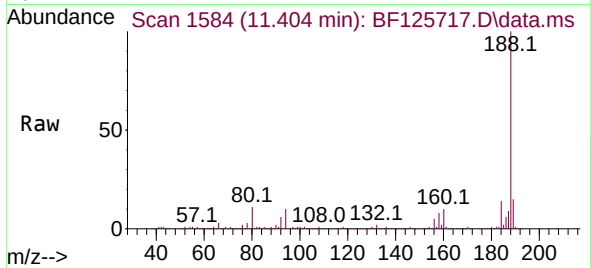




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

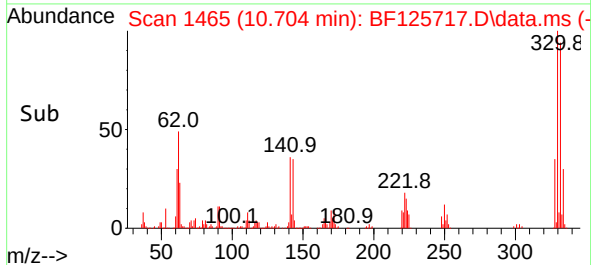
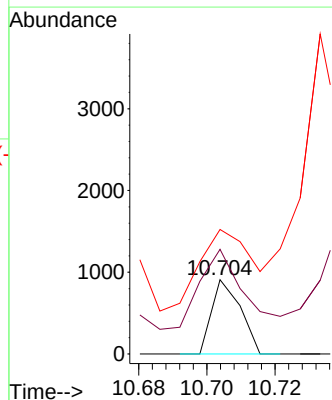
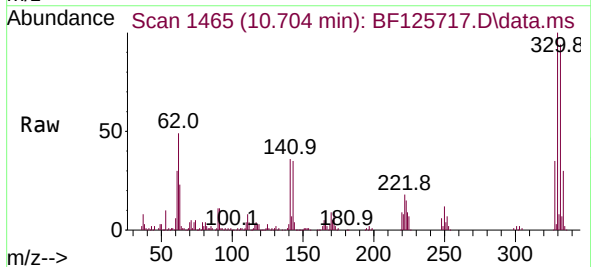
Instrument :
BNA_F
ClientSampleId :
CC-13

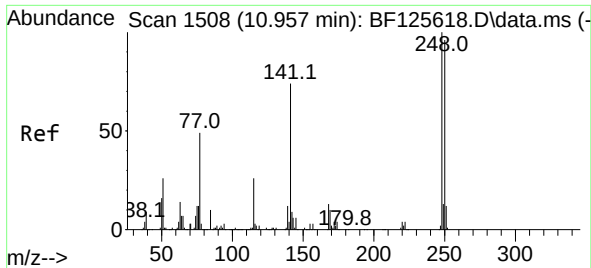
Tgt Ion:188 Resp: 624094
Ion Ratio Lower Upper
188 100
94 10.4 6.7 10.1#
80 10.7 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.155 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

Tgt Ion:198 Resp: 530
Ion Ratio Lower Upper
198 100
51 140.9 45.3 85.3#
105 167.7 30.6 70.6#

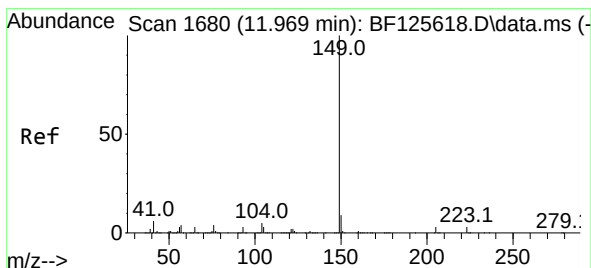
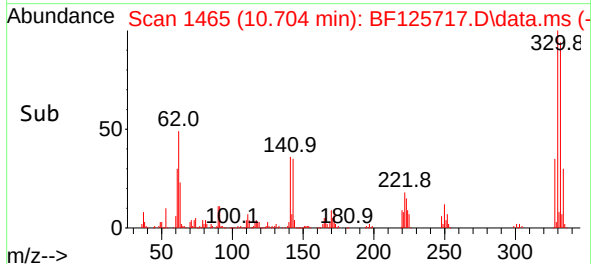
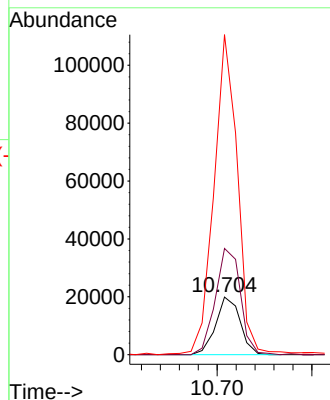
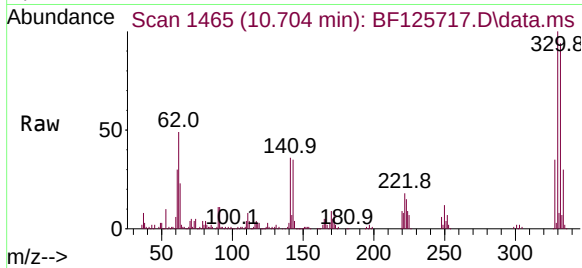




#67
4-Bromophenyl-phenylether
Concen: 2.724 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

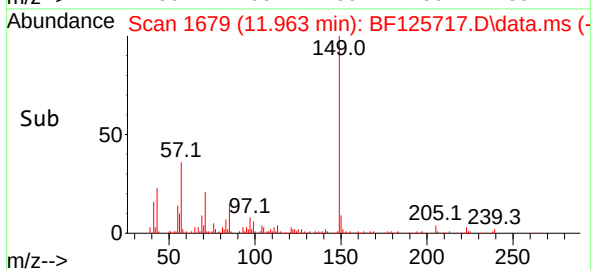
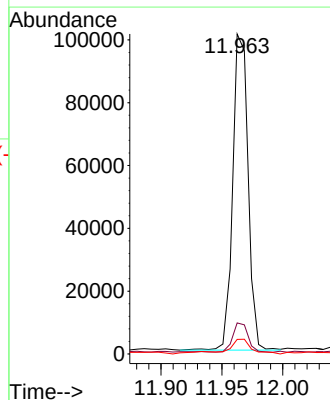
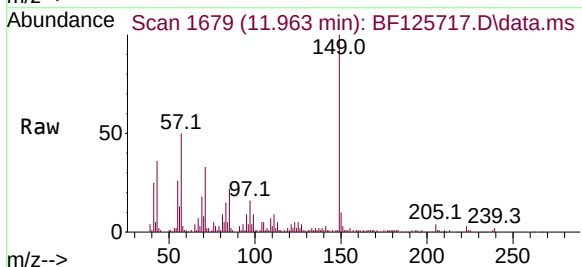
Instrument :
BNA_F
ClientSampleId :
CC-13

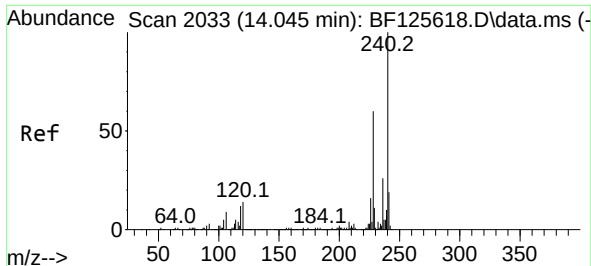
Tgt Ion:248 Resp: 17838
Ion Ratio Lower Upper
248 100
250 184.4 74.2 111.4#
141 555.3 60.4 90.6#



#74
Di-n-butylphthalate
Concen: 2.581 ng
RT: 11.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

Tgt Ion:149 Resp: 88553
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.2
104 4.5 4.1 6.1

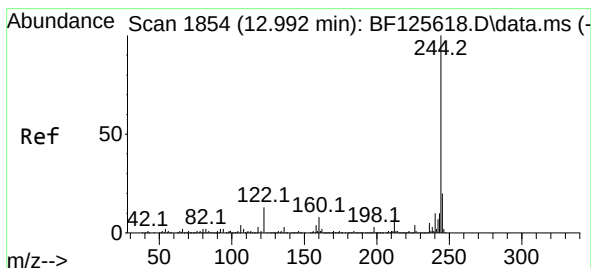
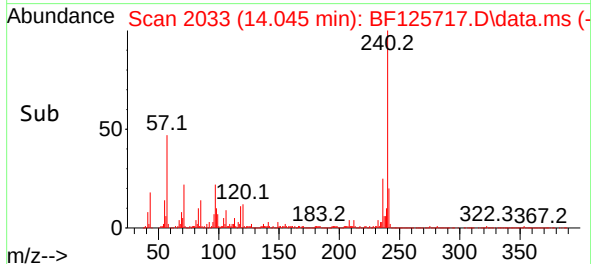
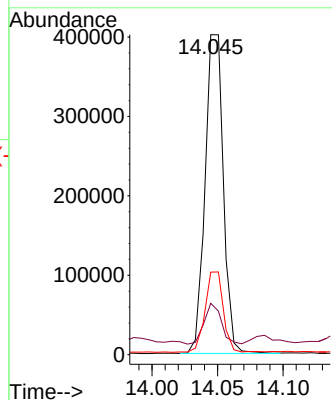
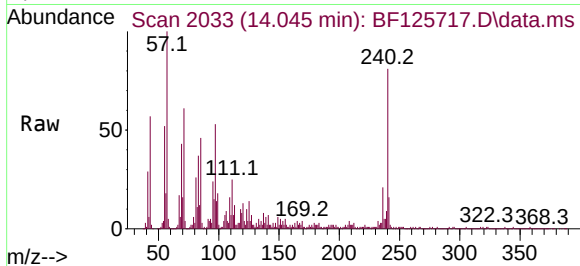




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

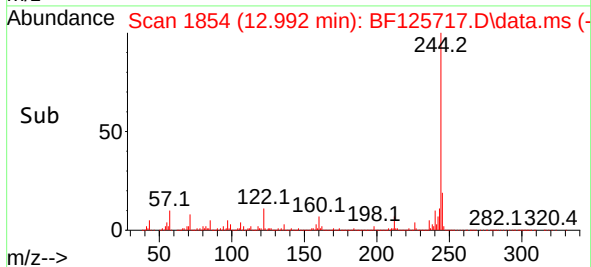
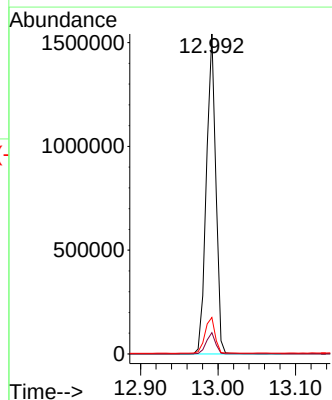
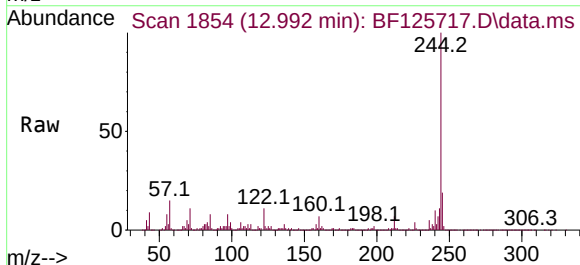
Instrument :
BNA_F
ClientSampleId :
CC-13

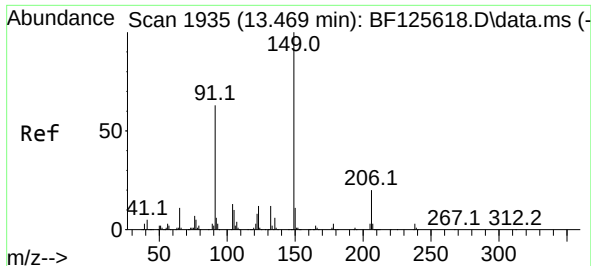
Tgt Ion:	240	Resp:	391932
Ion Ratio	Lower	Upper	
240	100		
120	16.0	10.8	16.2
236	25.8	21.6	32.4



#79
Terphenyl-d14
Concen: 57.589 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

Tgt Ion:	244	Resp:	1303347
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.9	8.9
122	11.4	9.0	13.4

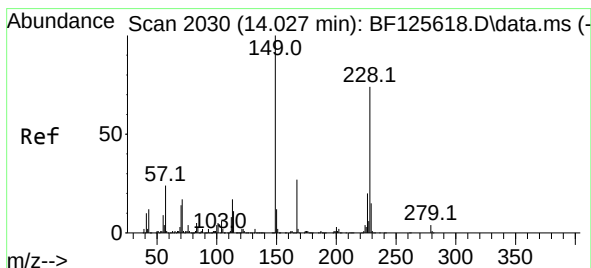
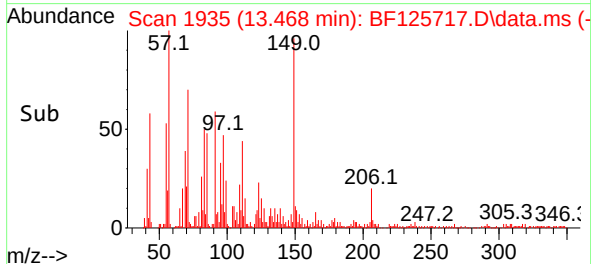
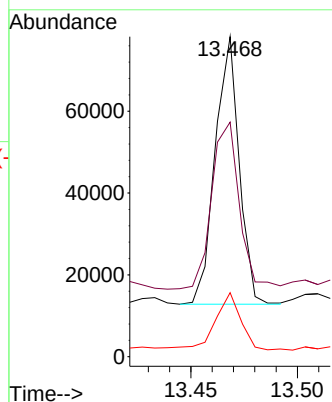
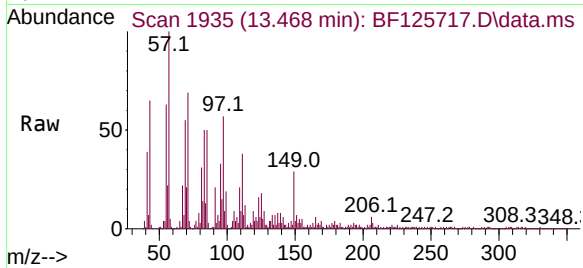




#80
Butylbenzylphthalate
Concen: 4.373 ng
RT: 13.468 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

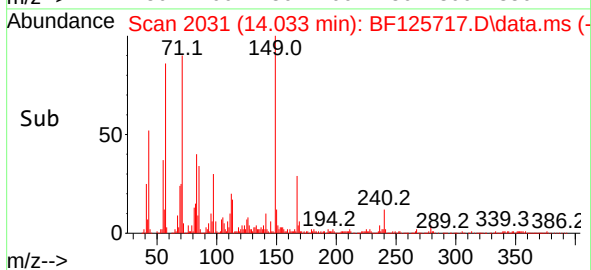
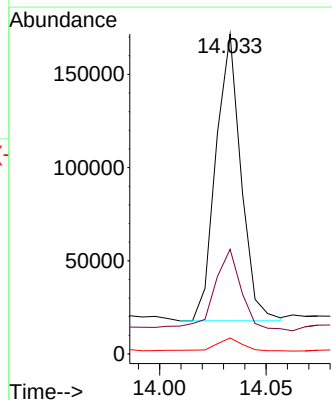
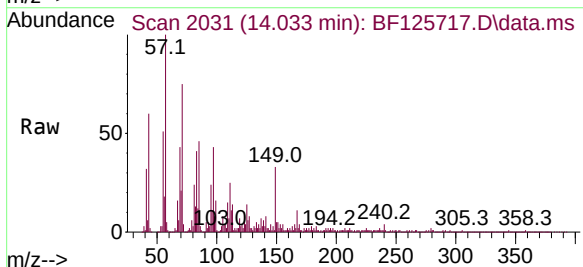
Instrument :
BNA_F
ClientSampleId :
CC-13

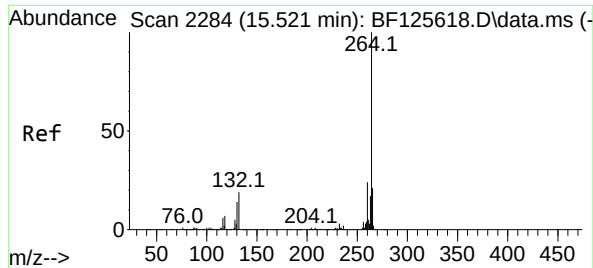
Tgt Ion:	149	Resp:	51294
Ion Ratio	Lower	Upper	
149	100		
91	73.3	51.8	77.8
206	20.0	14.5	21.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.401 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF125717.D
Acq: 29 Sep 2021 19:53

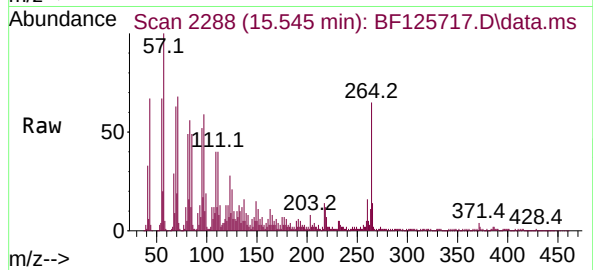
Tgt Ion:	149	Resp:	126238
Ion Ratio	Lower	Upper	
149	100		
167	32.7	21.4	32.0#
279	5.0	2.6	4.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.024 min
 Lab File: BF125717.D
 Acq: 29 Sep 2021 19:53

Instrument :
 BNA_F
 ClientSampleId :
 CC-13



Tgt Ion:264 Resp: 285306
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 21.8 17.2 25.8

