

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
 Data File : BF125981.D
 Acq On : 28 Oct 2021 10:16
 Operator : JU/CG
 Sample : PB140274BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140274BL

Quant Time: Oct 28 12:03:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 28 12:01:54 2021
 Response via : Initial Calibration

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

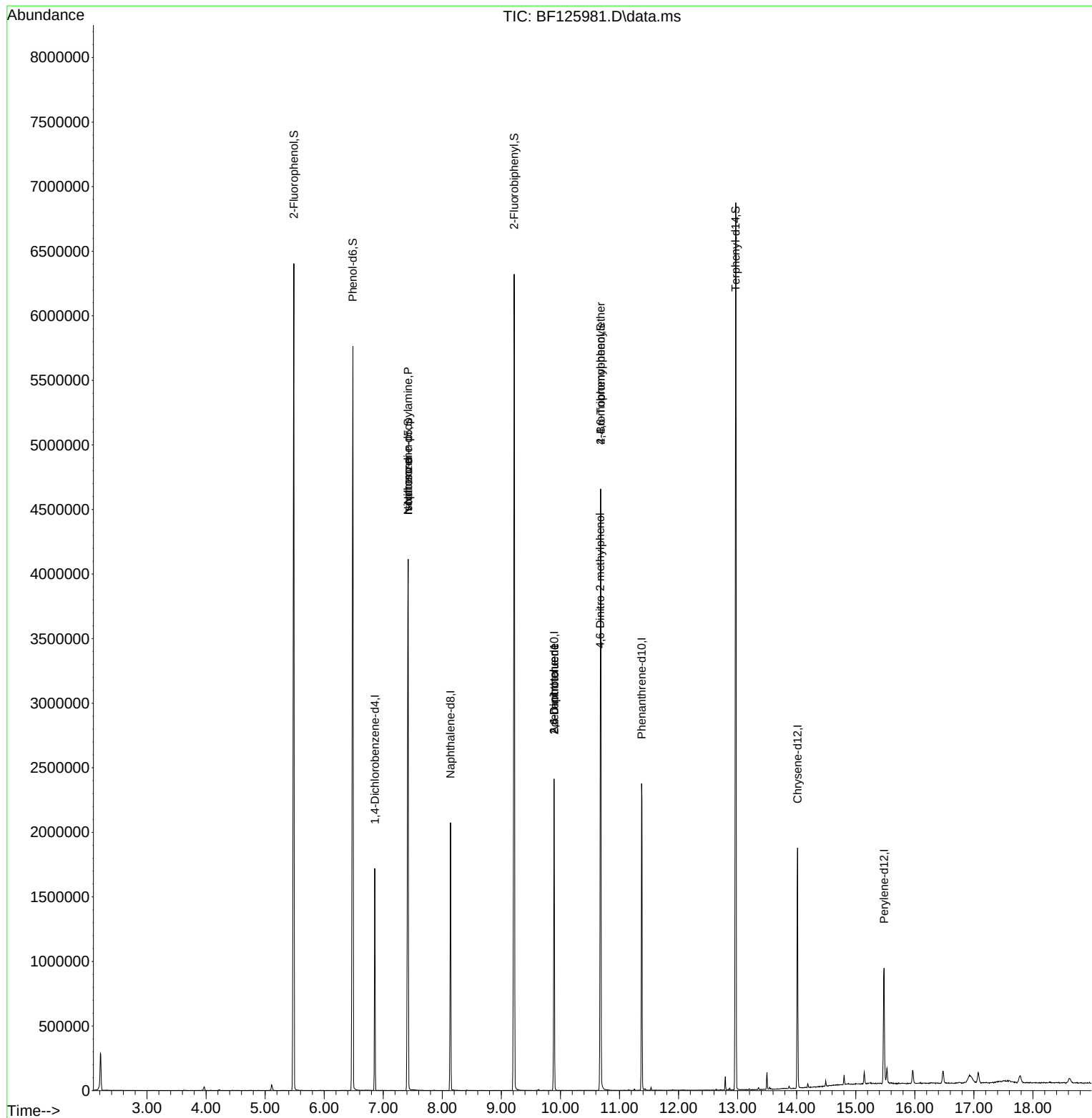
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	210648	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	886187	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	502414	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	925381	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	635783	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	415323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1704579	120.534	ng	0.01
7) Phenol-d6	6.487	99	2166128	111.674	ng	0.00
23) Nitrobenzene-d5	7.422	82	1487105	86.679	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	560340	127.938	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2334174	82.160	ng	0.00
79) Terphenyl-d14	12.968	244	2632320	67.724	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	200308	18.075	ng	# 62
25) Isophorone	7.422	82	1477916	45.235	ng	# 59
51) 2,6-Dinitrotoluene	9.892	165	64060	10.436	ng	# 28
57) 2,4-Dinitrotoluene	9.892	165	64060	8.496	ng	# 20
58) Fluorene	10.680	166	21698	Below Cal		# 84
65) 4,6-Dinitro-2-methylph...	10.674	198	1204	6.324	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	37197	3.763	ng	# 1

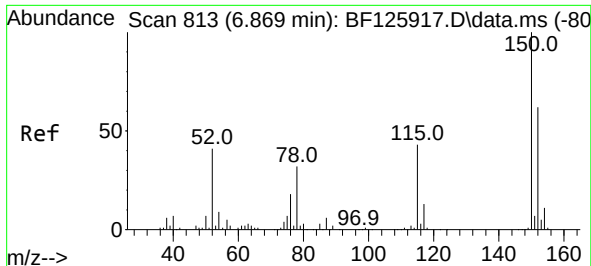
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

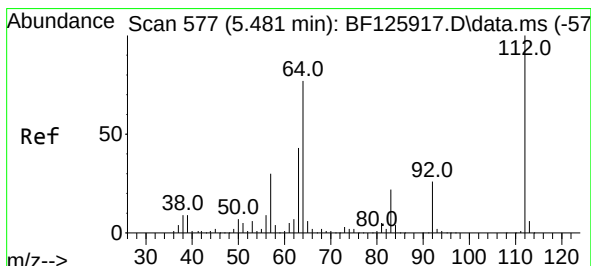
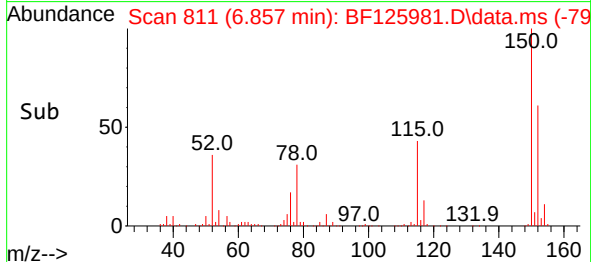
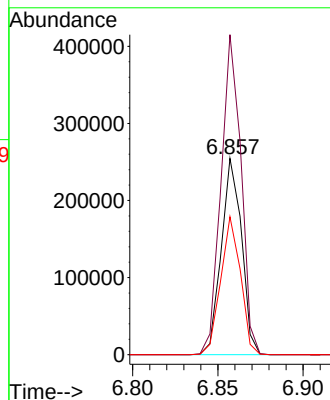
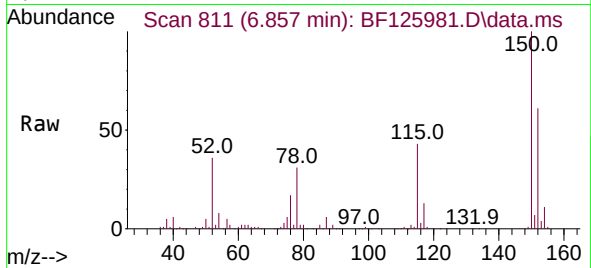




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

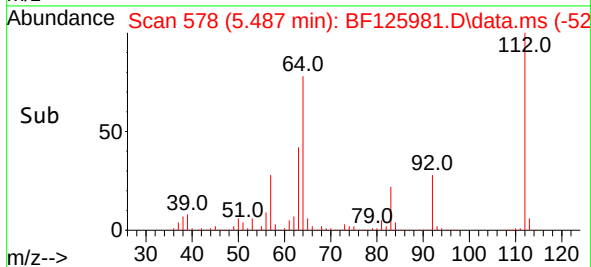
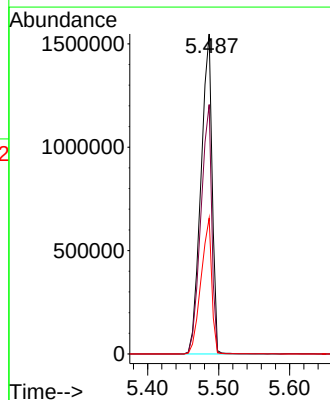
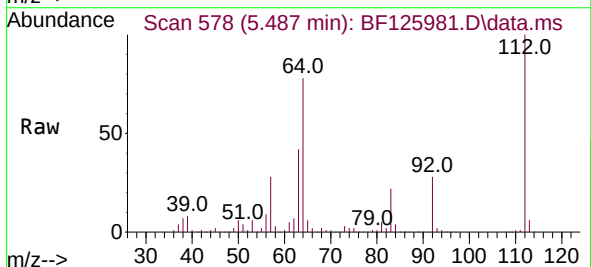
Instrument :
BNA_F
ClientSampleId :
PB140274BL

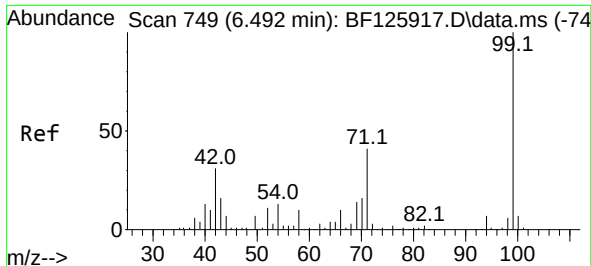
Tgt Ion:152 Resp: 210648
Ion Ratio Lower Upper
152 100
150 163.0 117.6 176.4
115 70.3 47.1 70.7



#5
2-Fluorophenol
Concen: 120.534 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

Tgt Ion:112 Resp: 1704579
Ion Ratio Lower Upper
112 100
64 78.0 44.2 66.2#
63 42.4 26.2 39.2#

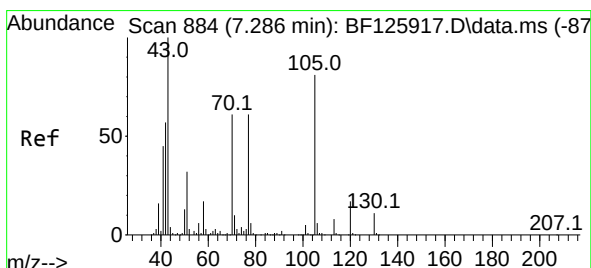
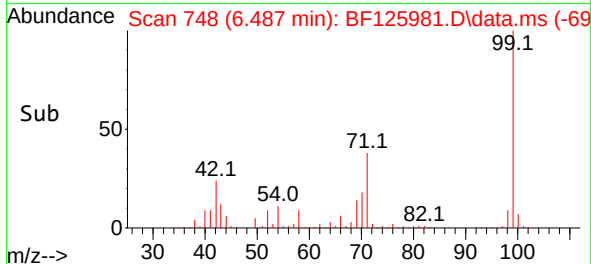
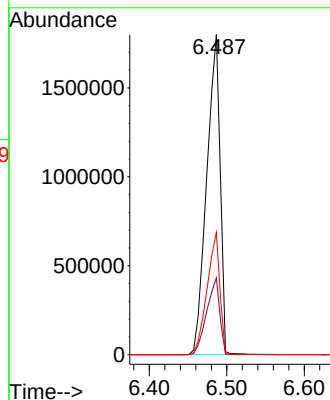
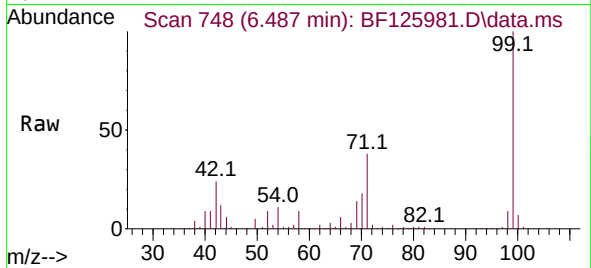




#7
Phenol-d6
Concen: 111.674 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

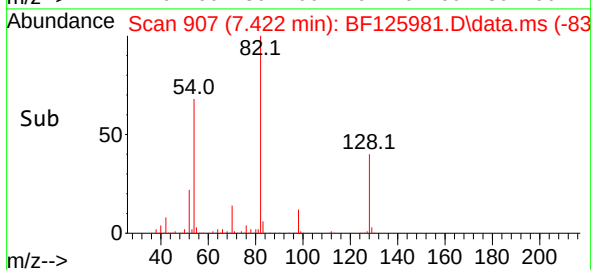
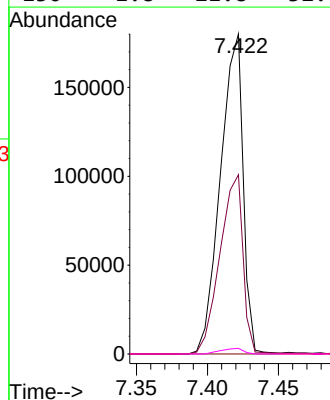
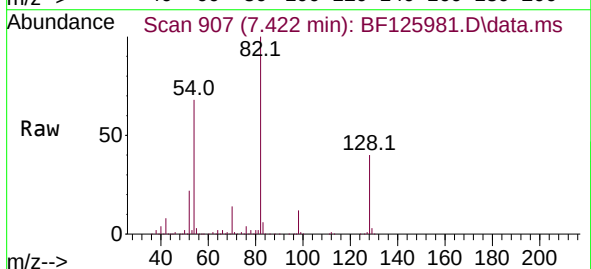
Instrument :
BNA_F
ClientSampleId :
PB140274BL

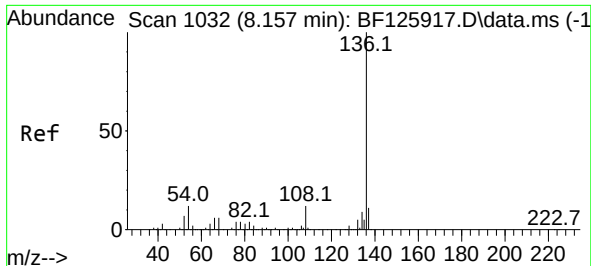
Tgt Ion: 99 Resp: 2166128
Ion Ratio Lower Upper
99 100
42 24.0 23.5 35.3
71 38.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.075 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

Tgt Ion: 70 Resp: 200308
Ion Ratio Lower Upper
70 100
42 56.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

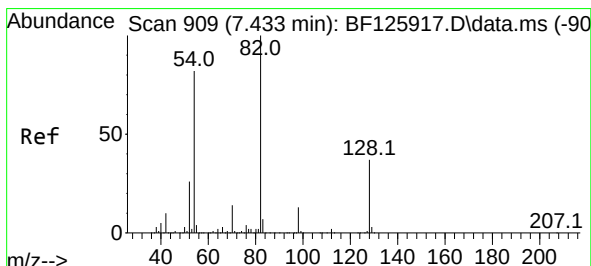
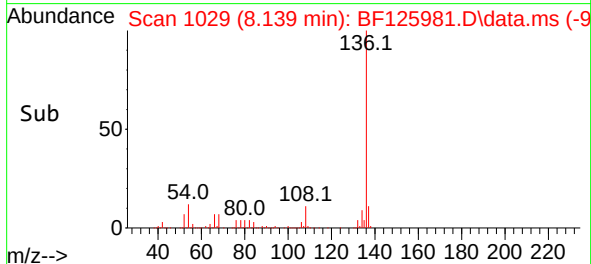
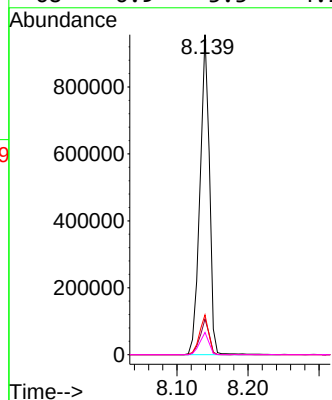
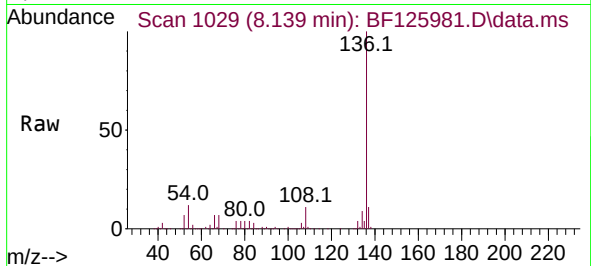




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

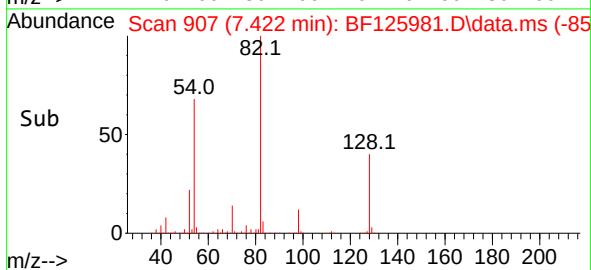
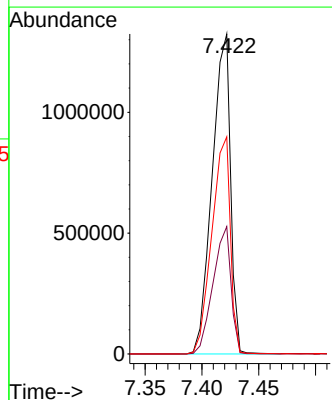
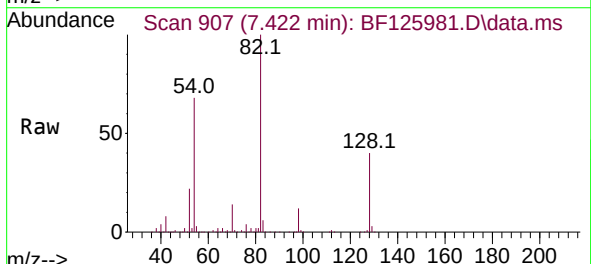
Instrument :
BNA_F
ClientSampleId :
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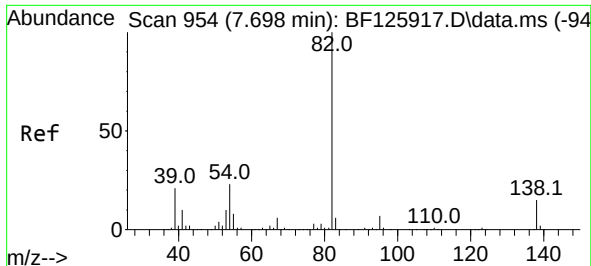
Tgt Ion:136	Resp: 886187
Ion Ratio	Lower Upper
136	100
137	11.1 9.8 14.6
54	12.5 6.4 9.6#
68	6.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 86.679 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

Tgt Ion: 82	Resp: 1487105
Ion Ratio	Lower Upper
82	100
128	39.8 40.6 60.8#
54	67.8 49.6 74.4

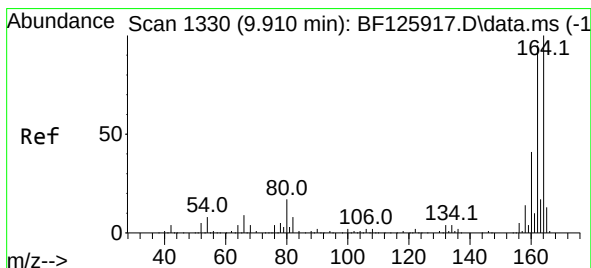
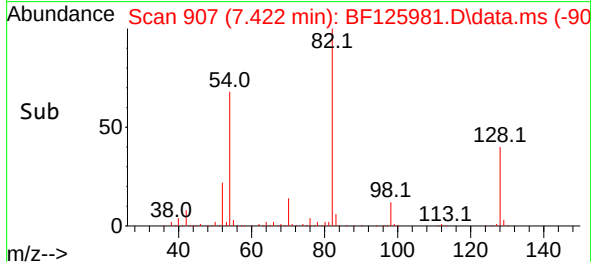
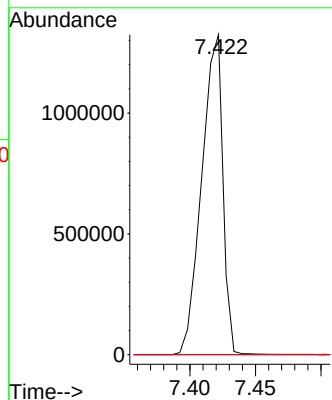
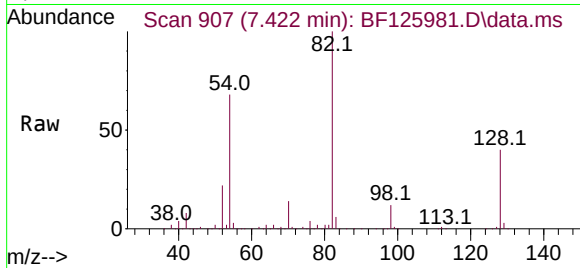




#25
Isophorone
Concen: 45.235 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

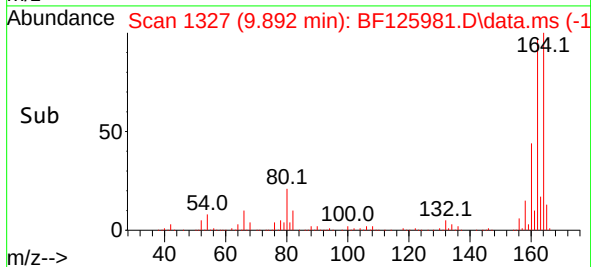
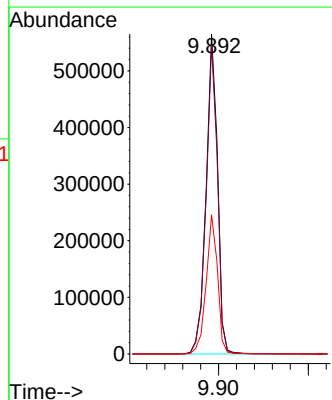
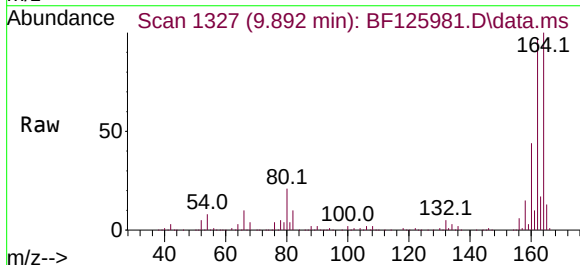
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ClientSampleId :
PB140274BL

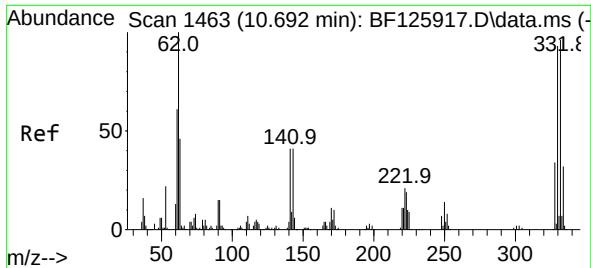
Tgt Ion: 82 Resp: 1477916
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

Tgt Ion:164 Resp: 502414
Ion Ratio Lower Upper
164 100
162 96.5 81.3 121.9
160 43.5 38.0 57.0

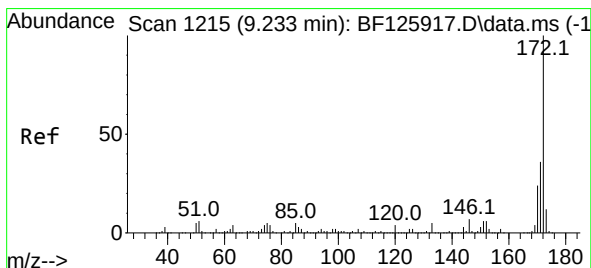
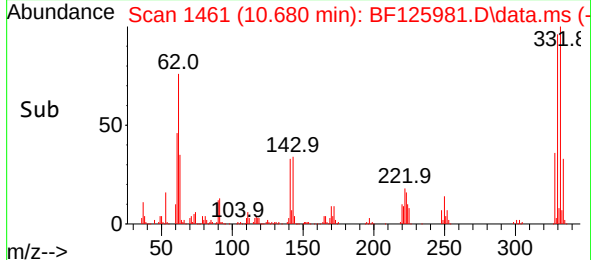
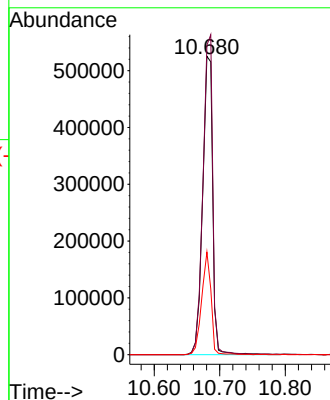
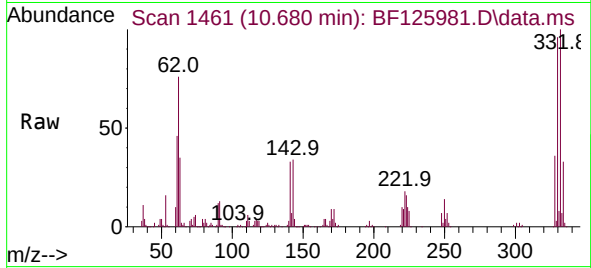




#42
2,4,6-Tribromophenol
Concen: 127.938 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

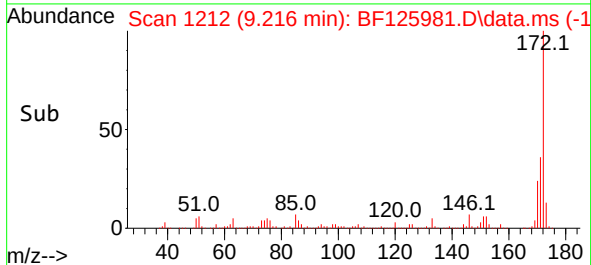
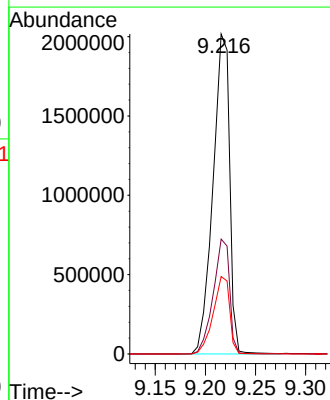
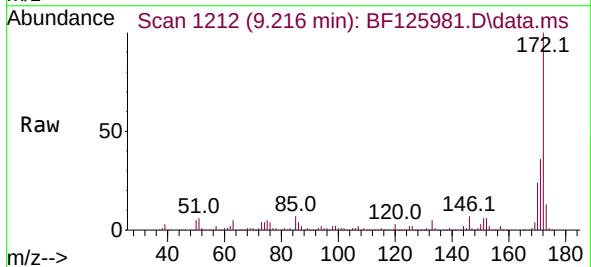
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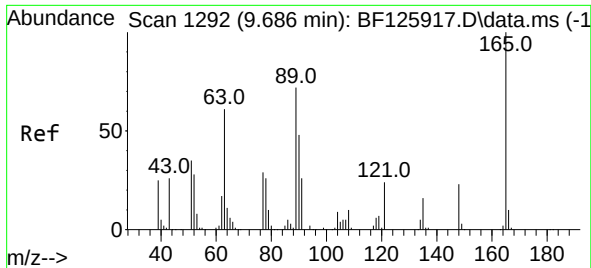
Tgt Ion:330 Resp: 560340
Ion Ratio Lower Upper
330 100
332 105.1 76.2 114.4
141 32.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 82.160 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

Tgt Ion:172 Resp: 2334174
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.2 18.8 28.2

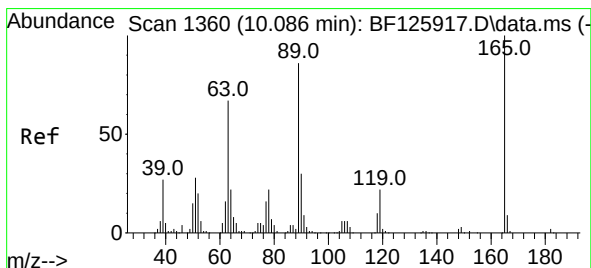
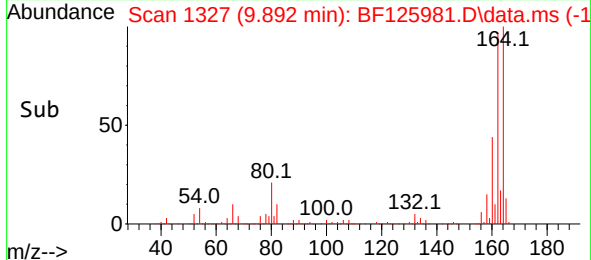
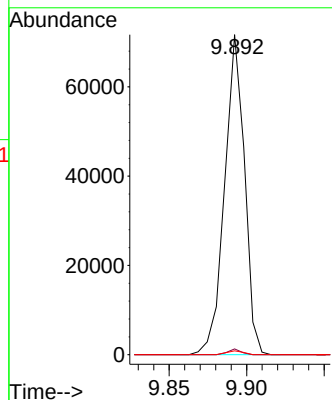
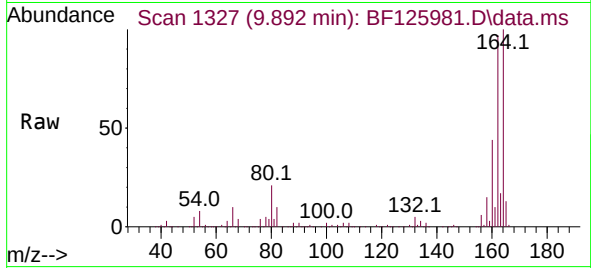




#51
2,6-Dinitrotoluene
Concen: 10.436 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

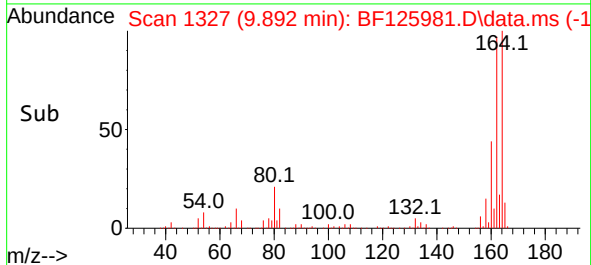
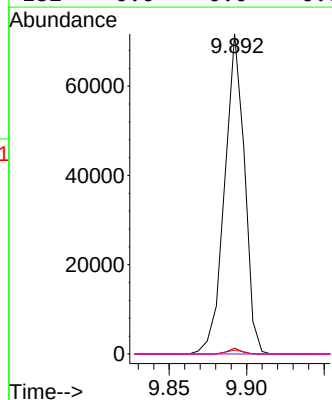
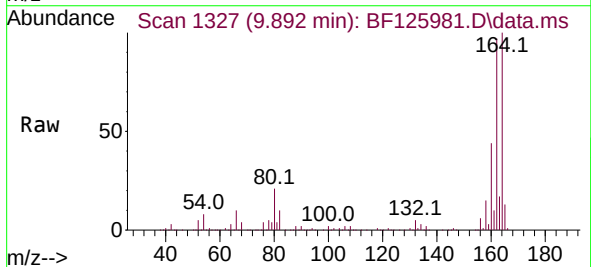
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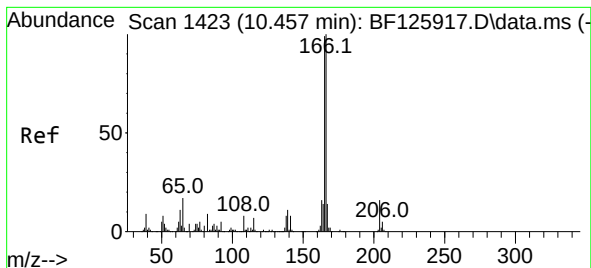
Tgt Ion:165 Resp: 64060
Ion Ratio Lower Upper
165 100
63 1.8 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 8.496 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

Tgt Ion:165 Resp: 64060
Ion Ratio Lower Upper
165 100
63 1.8 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

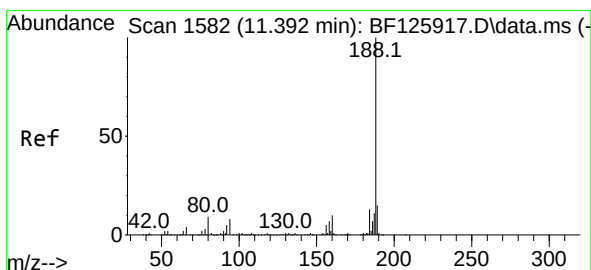
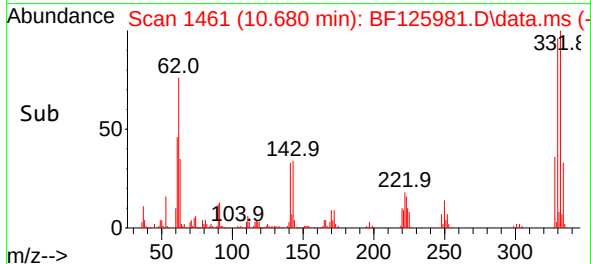
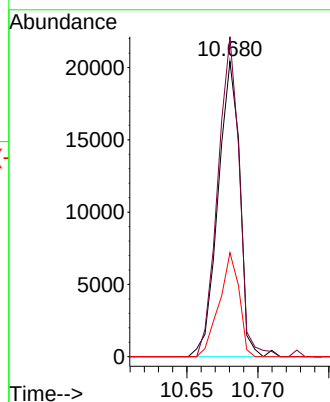
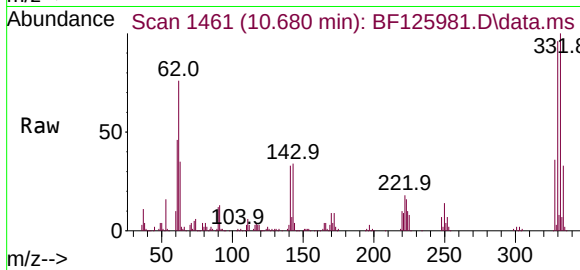




#58
Fluorene
Concen: Below Cal
RT: 10.680 min Scan# 1461
Delta R.T. 0.235 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

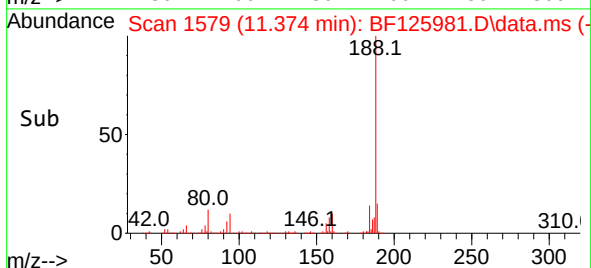
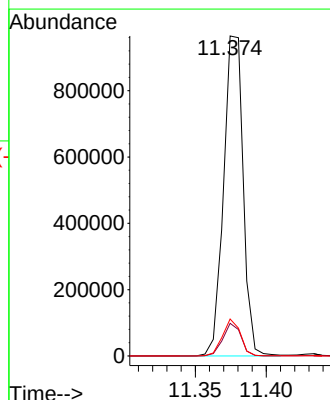
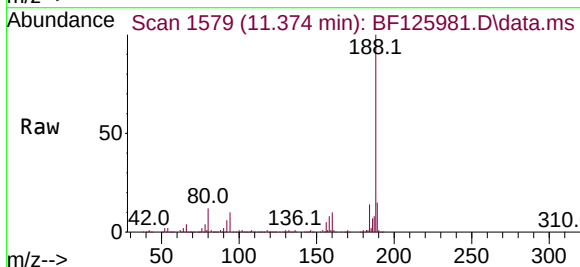
Instrument :
BNA_F
ClientSampleId :
PB140274BL

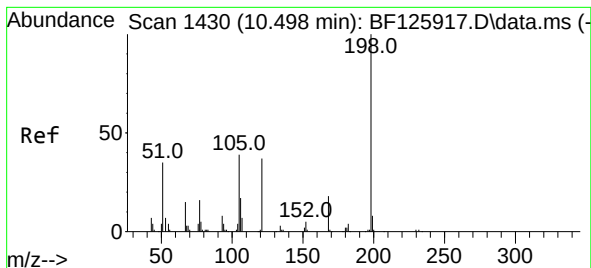
Tgt Ion:166 Resp: 21698
Ion Ratio Lower Upper
166 100
165 108.3 78.1 117.1
167 35.2 11.1 16.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

Tgt Ion:188 Resp: 925381
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 11.6 7.5 11.3#

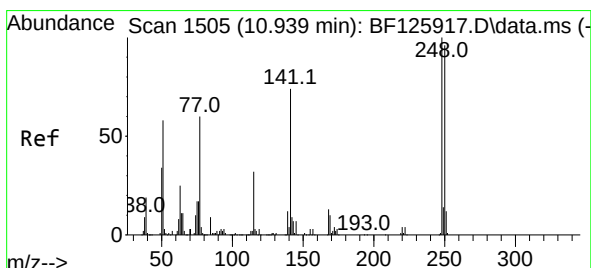
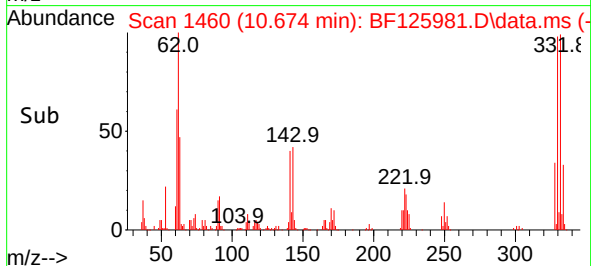
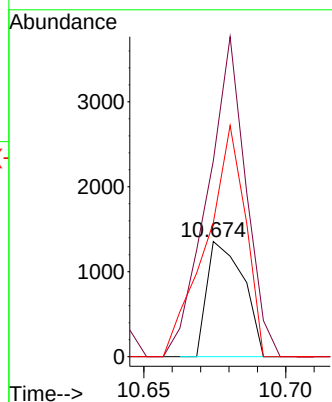
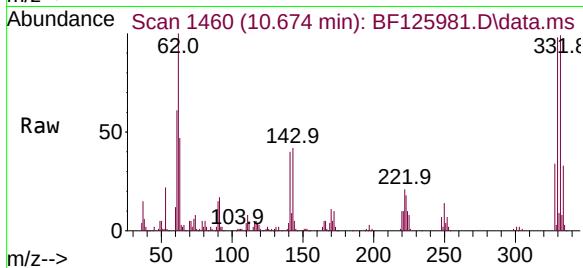




#65
4,6-Dinitro-2-methylphenol
Concen: 6.324 ng
RT: 10.674 min Scan# 1460
Delta R.T. 0.188 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

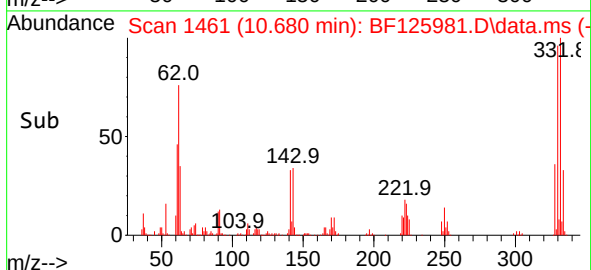
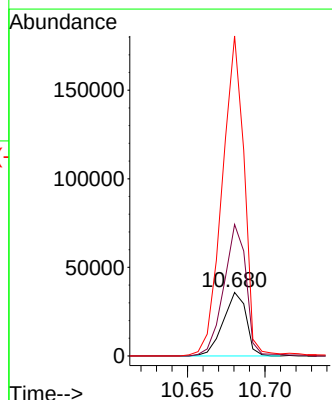
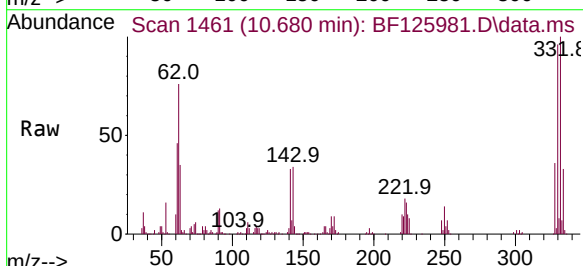
Instrument :
BNA_F
ClientSampleId :
PB140274BL

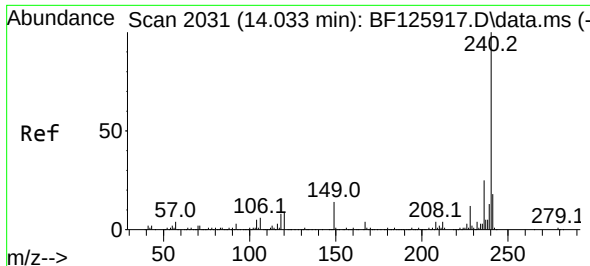
Tgt Ion:198 Resp: 1204
Ion Ratio Lower Upper
198 100
51 169.9 45.3 85.3#
105 116.2 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.763 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

Tgt Ion:248 Resp: 37197
Ion Ratio Lower Upper
248 100
250 207.0 74.2 111.4#
141 503.5 60.4 90.6#

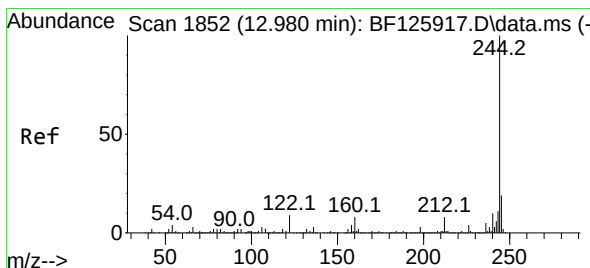
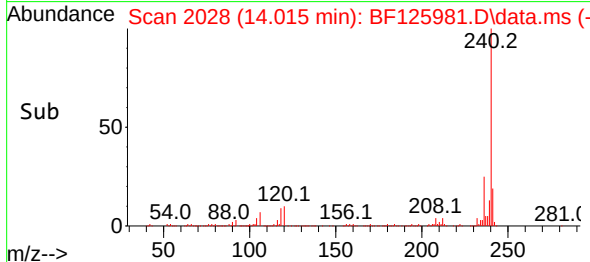
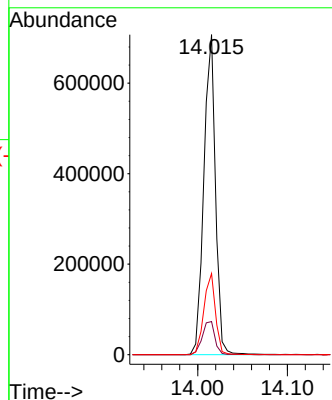
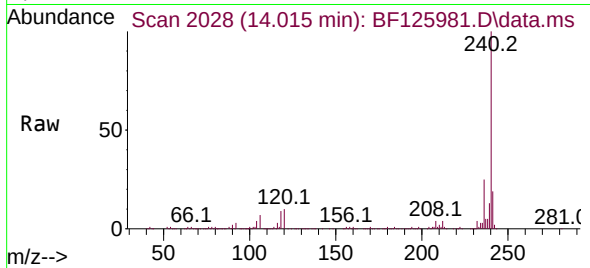




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

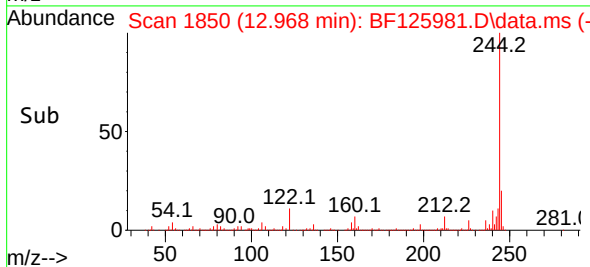
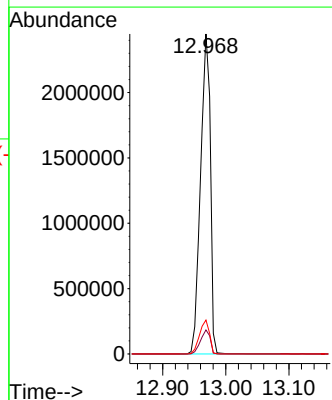
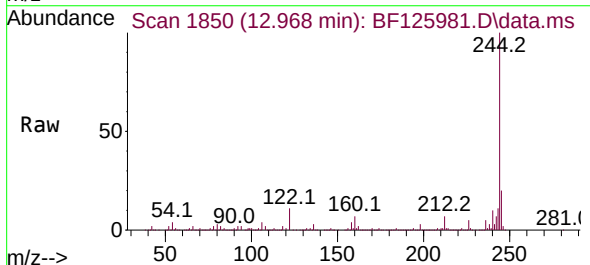
Instrument :
BNA_F
ClientSampleId :
PB140274BL

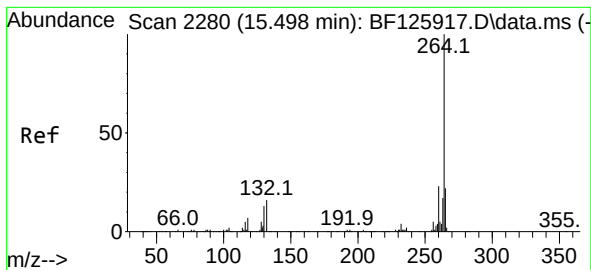
Tgt Ion:240 Resp: 635783
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 25.4 21.6 32.4



#79
Terphenyl-d14
Concen: 67.724 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BF125981.D
Acq: 28 Oct 2021 10:16

Tgt Ion:244 Resp: 2632320
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 10.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.000 min
 Lab File: BF125981.D
 Acq: 28 Oct 2021 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB140274BL

Tgt Ion:264 Resp: 415323
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 20.8 17.2 25.8

