

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125017.D
 Acq On : 9 Aug 2021 23:46
 Operator : JU/CG
 Sample : M3298-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1917

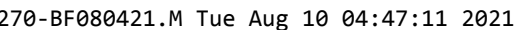
Quant Time: Aug 10 04:47:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

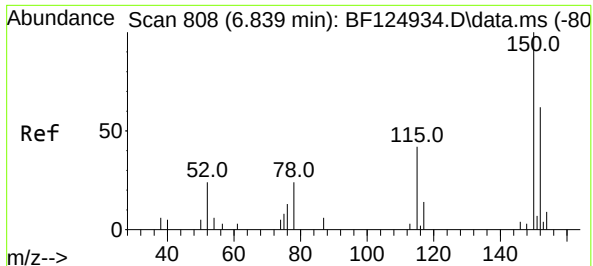
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	6211	20.00	ng	# 0.00
21) Naphthalene-d8	8.104	136	23773	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	11433	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	15412	20.00	ng	0.00
76) Chrysene-d12	13.980	240	11910	20.00	ng	0.00
86) Perylene-d12	15.445	264	8675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	13922	36.72	ng	0.00
7) Phenol-d6	6.463	99	17267	36.12	ng	0.00
23) Nitrobenzene-d5	7.386	82	35396	77.89	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	3111	30.46	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	64677	82.78	ng	0.00
79) Terphenyl-d14	12.927	244	52621	74.53	ng	0.00
Target Compounds						
						Qvalue
16) 2,2'-oxybis(1-Chloropr...	6.975	45	2449	4.13	ng	75
19) n-Nitroso-di-n-propyla...	7.386	70	4594	16.19	ng	# 70
25) Isophorone	7.386	82	35394	45.63	ng	# 59
35) Caprolactam	8.657	113	2492	26.61	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	1406	8.15	ng	# 26
57) 2,4-Dinitrotoluene	9.857	165	1406	6.00	ng	# 18
77) Benzidine	12.927	184	770	2.42	ng	# 69
84) Bis(2-ethylhexyl)phtha...	13.957	149	2753	4.75	ng	# 82
85) Di-n-octyl phthalate	14.604	149	4530	4.96	ng	# 1

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

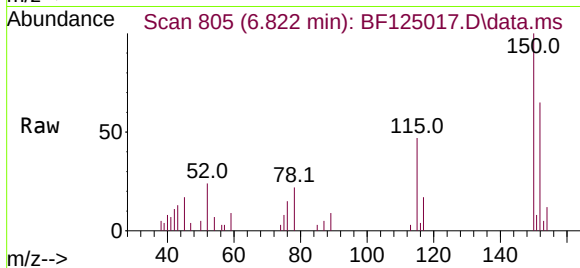
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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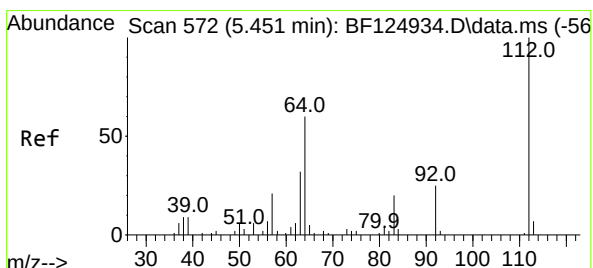
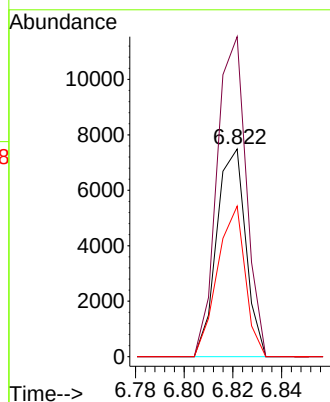
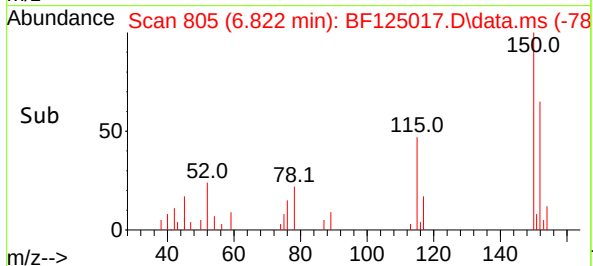


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

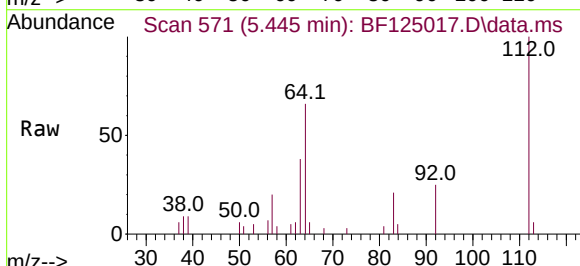
Instrument :
BNA_F
ClientSampleId :
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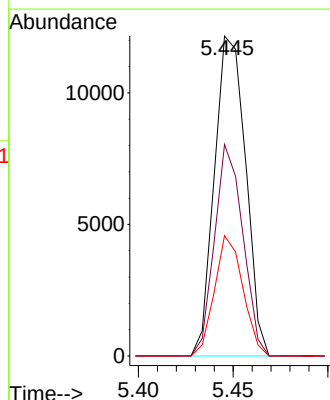
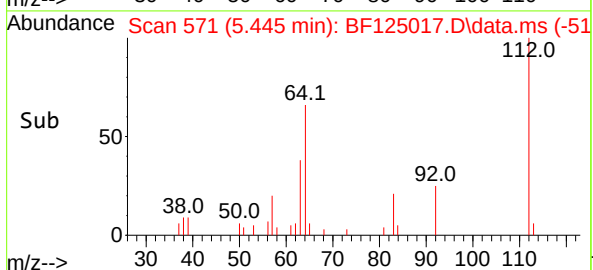
Tgt Ion:152 Resp: 6211
Ion Ratio Lower Upper
152 100
150 154.1 117.6 176.4
115 72.5 47.1 70.7#

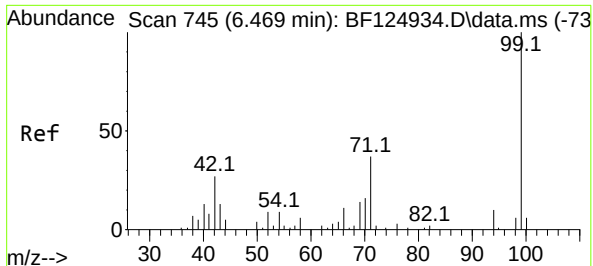


#5
2-Fluorophenol
Concen: 36.72 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46



Tgt Ion:112 Resp: 13922
Ion Ratio Lower Upper
112 100
64 66.1 44.2 66.2
63 37.6 26.2 39.2

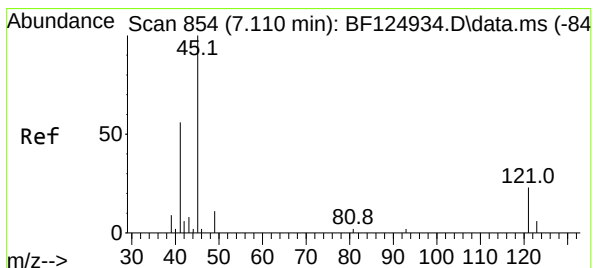
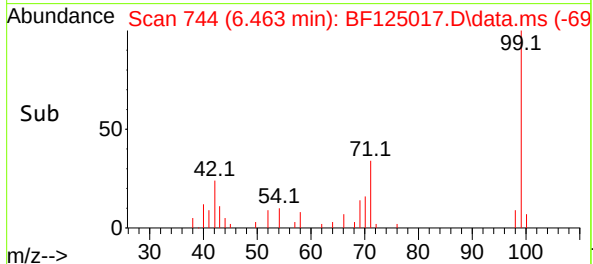
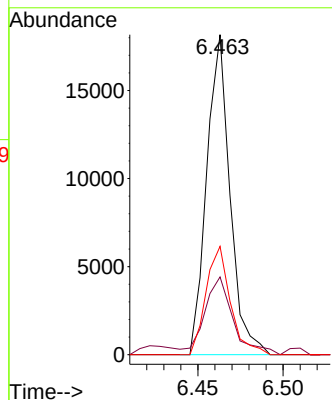
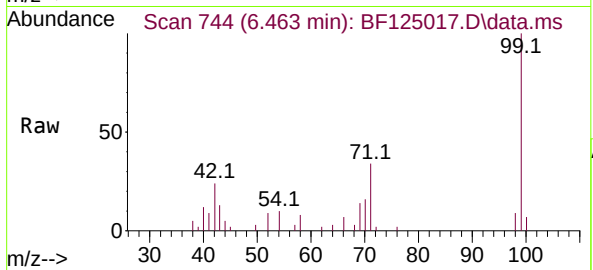




#7
Phenol-d6
Concen: 36.12 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

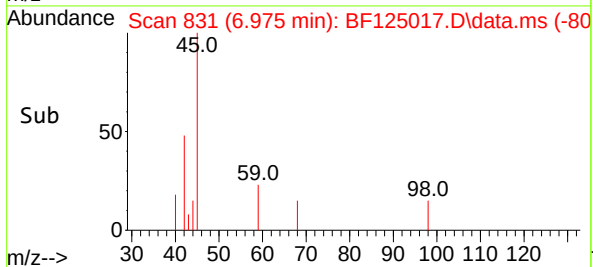
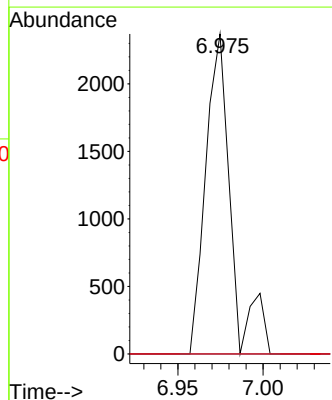
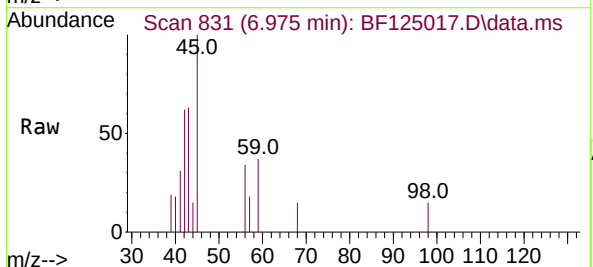
Instrument :
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ClientSampleId :
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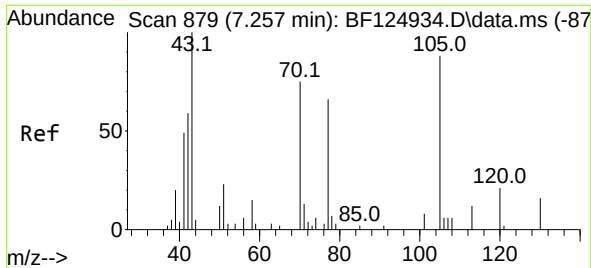
Tgt Ion: 99 Resp: 17267
Ion Ratio Lower Upper
99 100
42 24.3 23.5 35.3
71 33.9 25.6 38.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 4.13 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.123 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

Tgt Ion: 45 Resp: 2449
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.6
79 0.0 0.0 27.5

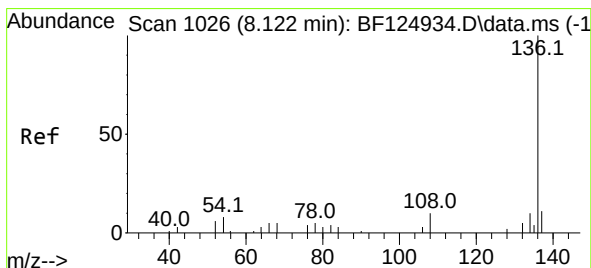
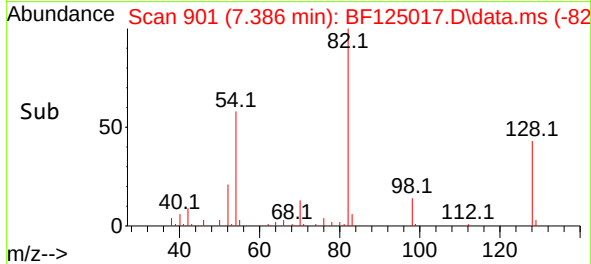
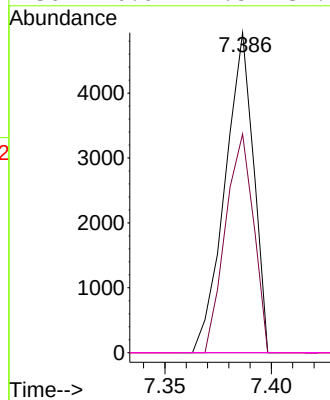
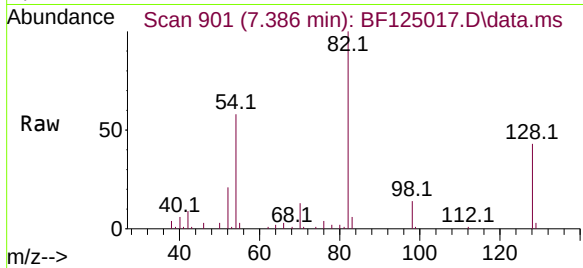




#19
n-Nitroso-di-n-propylamine
Concen: 16.19 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

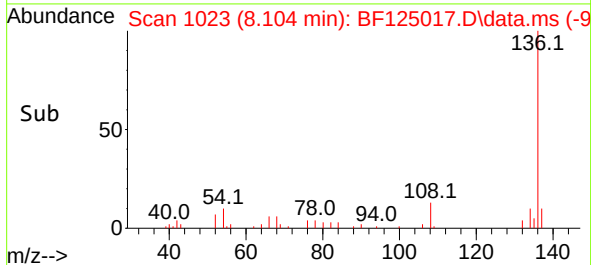
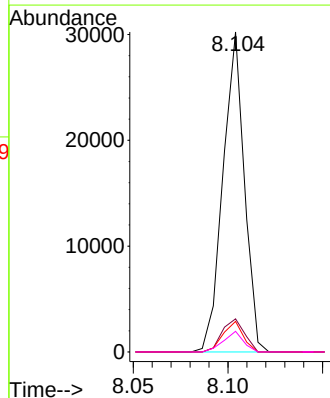
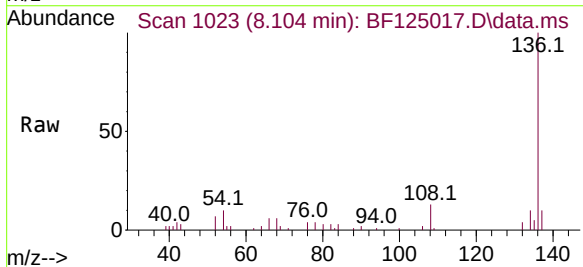
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ClientSampleId :
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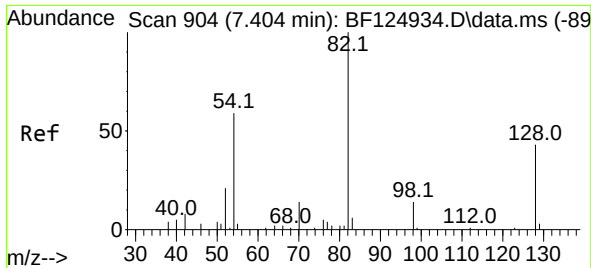
Tgt Ion: 70 Resp: 4594
Ion Ratio Lower Upper
70 100
42 68.4 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

Tgt Ion: 136 Resp: 23773
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 9.5 6.4 9.6
68 6.4 3.3 4.9#

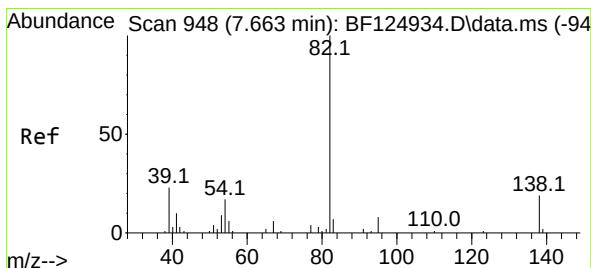
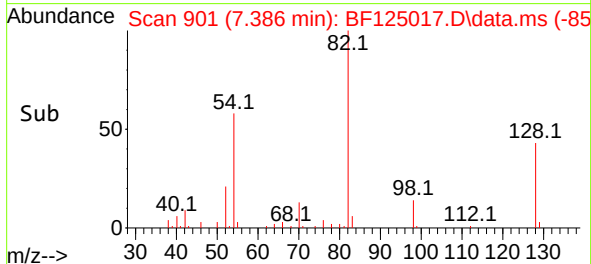
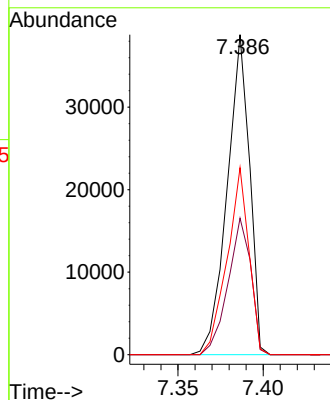
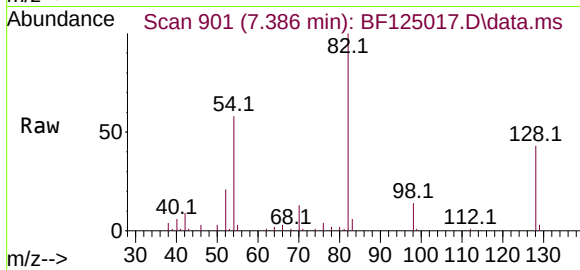




#23
Nitrobenzene-d5
Concen: 77.89 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

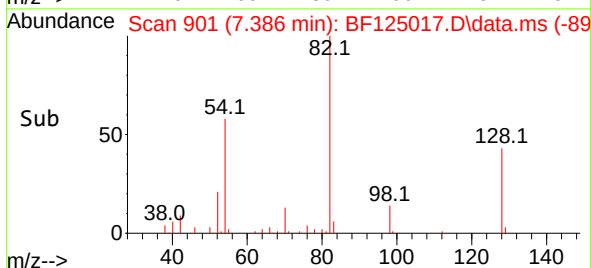
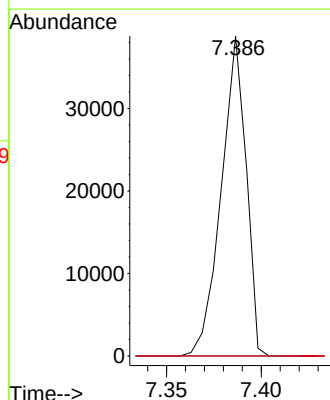
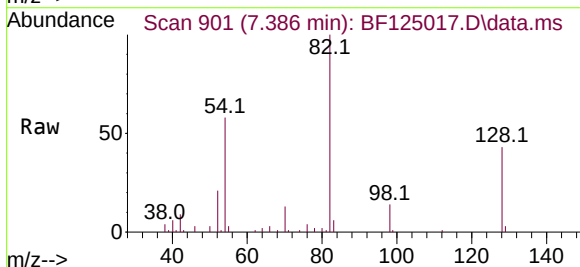
Instrument :
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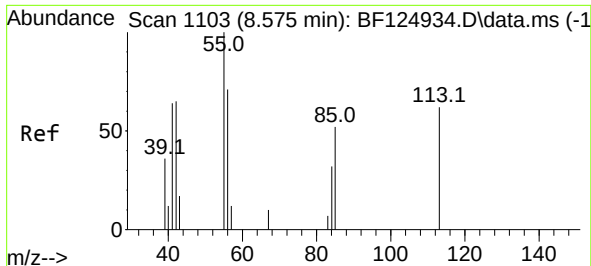
Tgt Ion: 82 Resp: 35396
Ion Ratio Lower Upper
82 100
128 42.6 40.6 60.8
54 58.5 49.6 74.4



#25
Isophorone
Concen: 45.63 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

Tgt Ion: 82 Resp: 35394
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

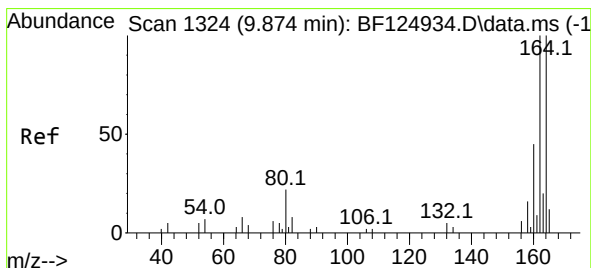
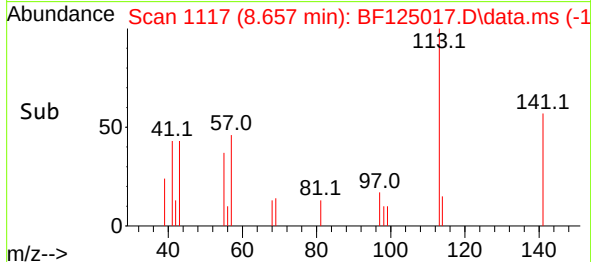
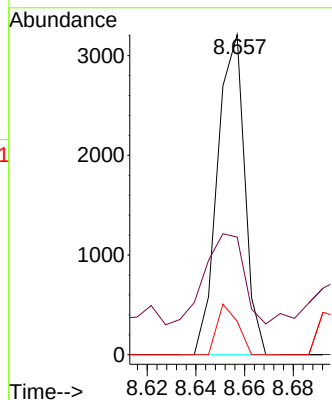
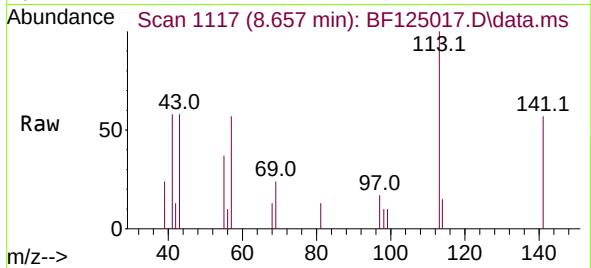




#35
Caprolactam
Concen: 26.61 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.106 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

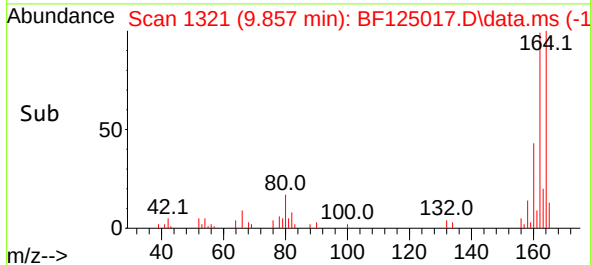
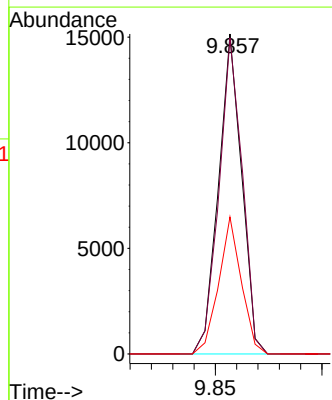
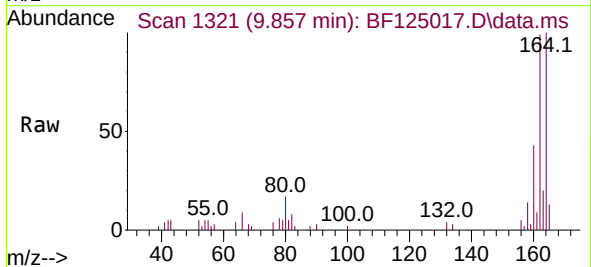
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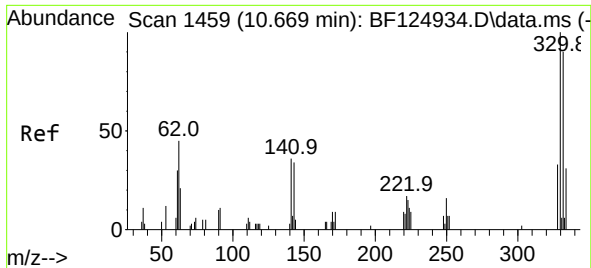
Tgt Ion:113 Resp: 2492
Ion Ratio Lower Upper
113 100
55 36.8 154.1 194.1#
56 10.5 108.7 148.7#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

Tgt Ion:164 Resp: 11433
Ion Ratio Lower Upper
164 100
162 98.8 81.3 121.9
160 42.8 38.0 57.0

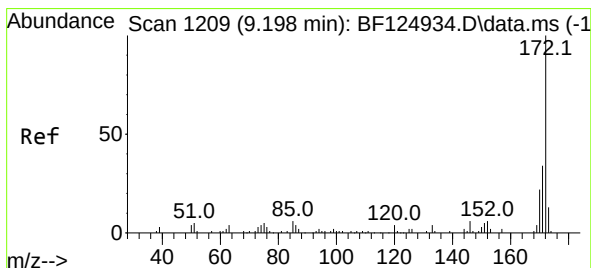
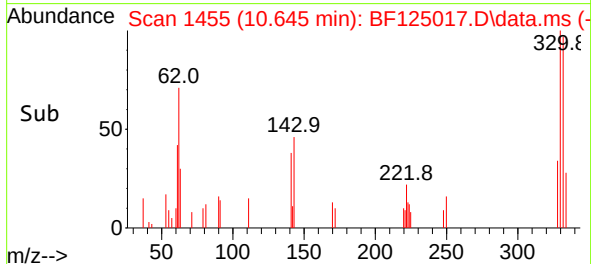
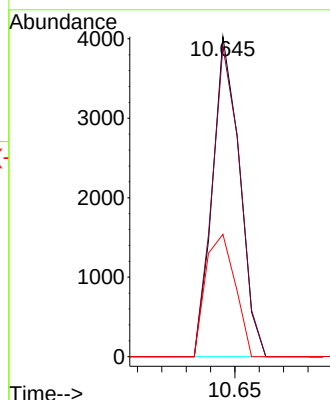
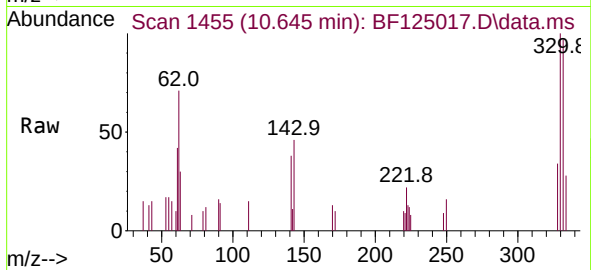




#42
2,4,6-Tribromophenol
Concen: 30.46 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

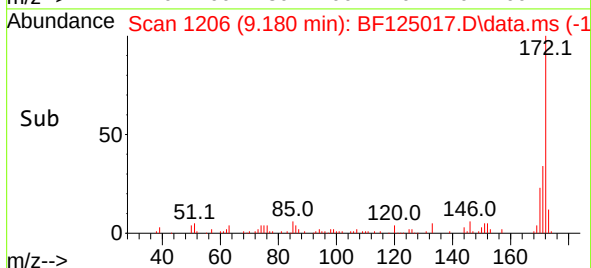
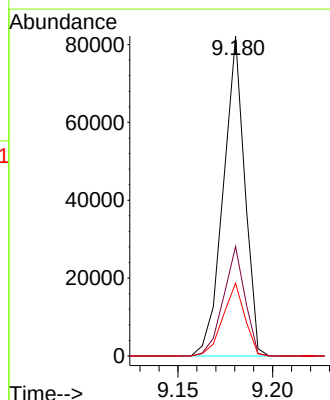
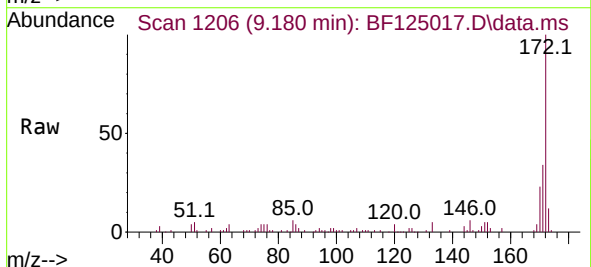
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ClientSampleId :
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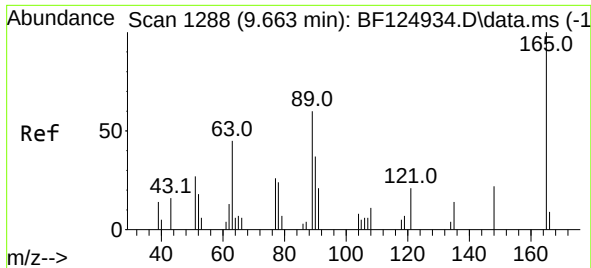
Tgt Ion:330 Resp: 3111
Ion Ratio Lower Upper
330 100
332 100.0 76.2 114.4
141 41.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 82.78 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

Tgt Ion:172 Resp: 64677
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 22.8 18.8 28.2

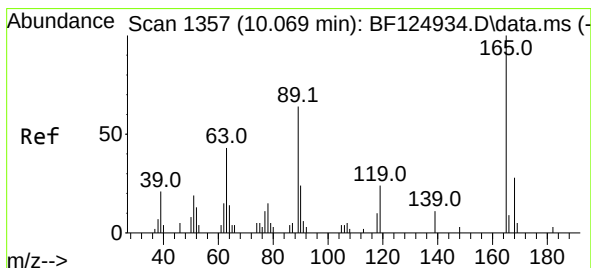
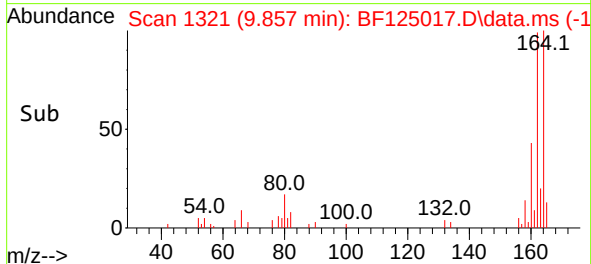
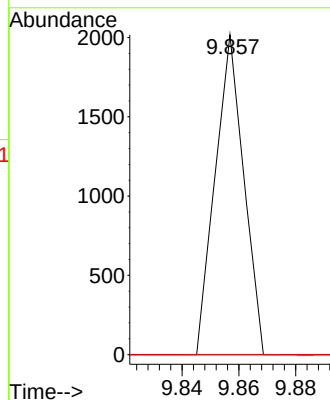
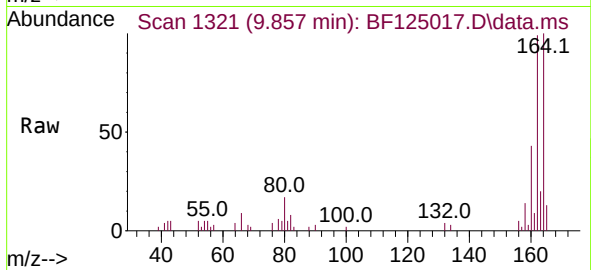




#51
2,6-Dinitrotoluene
Concen: 8.15 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

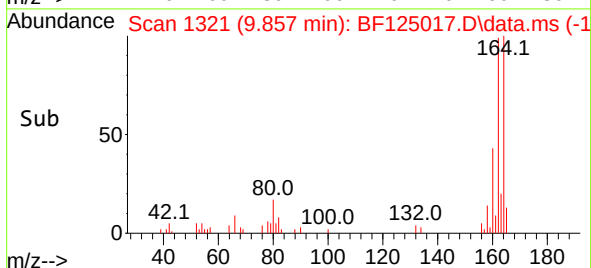
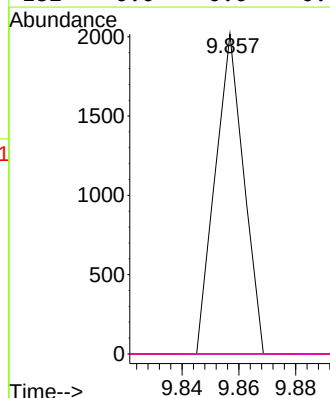
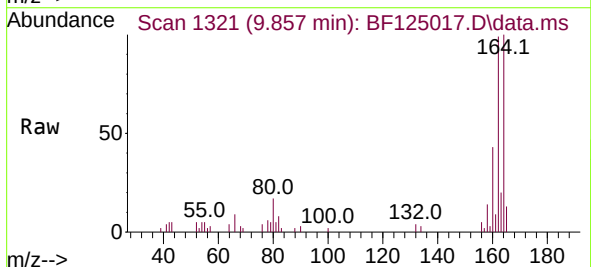
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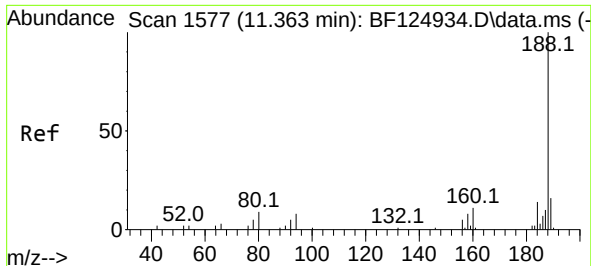
Tgt Ion:165 Resp: 1406
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

Tgt Ion:165 Resp: 1406
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

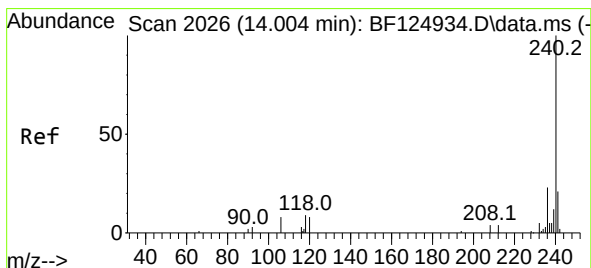
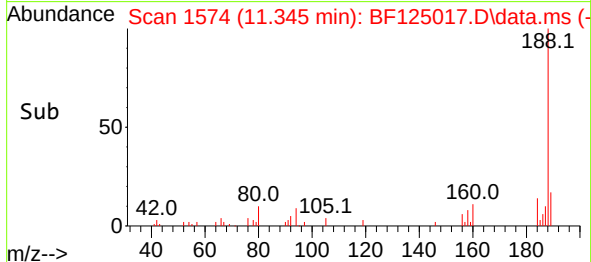
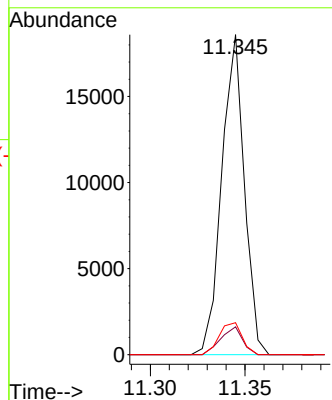
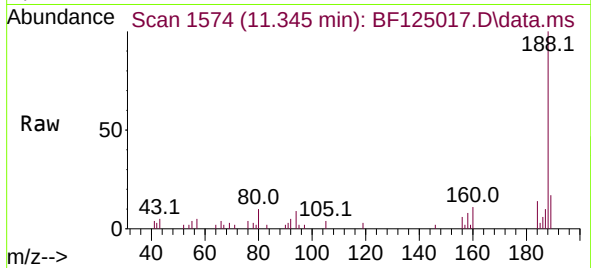




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

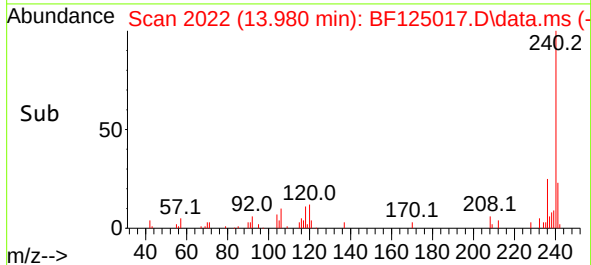
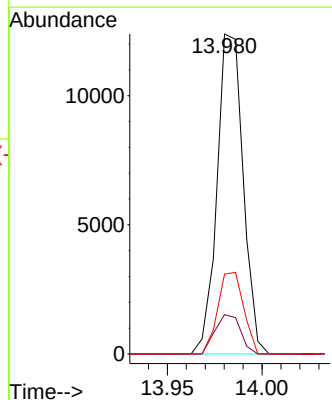
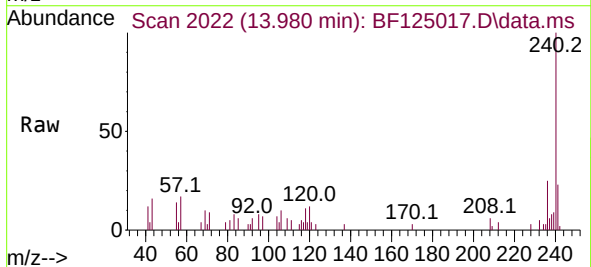
Instrument :
BNA_F
ClientSampleId :
1917

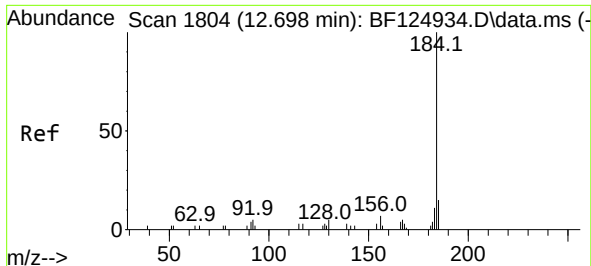
Tgt Ion:188 Resp: 15412
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 10.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

Tgt Ion:240 Resp: 11910
Ion Ratio Lower Upper
240 100
120 12.3 10.8 16.2
236 25.0 21.6 32.4

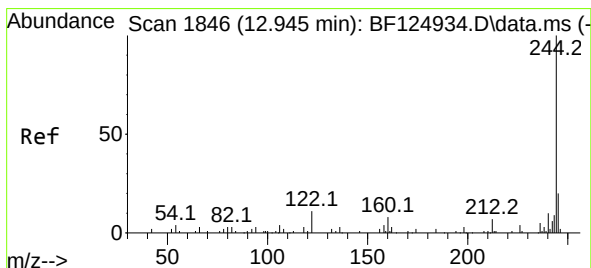
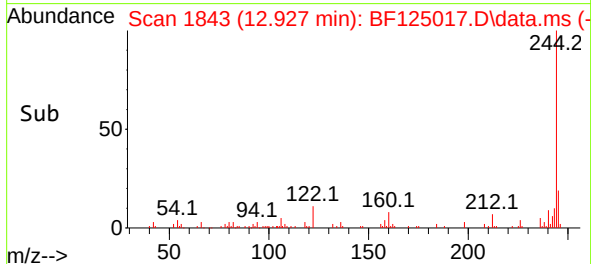
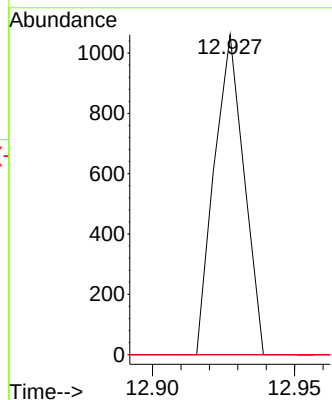
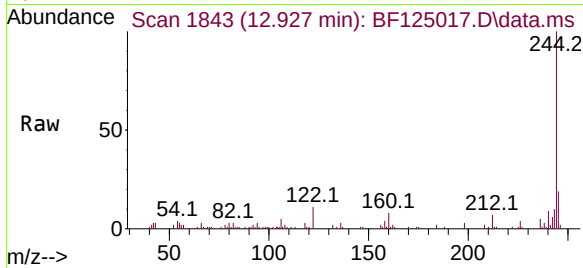




#77
Benzidine
Concen: 2.42 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

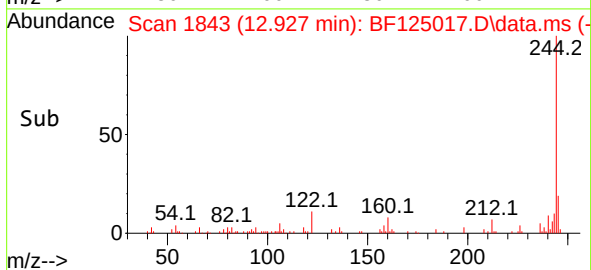
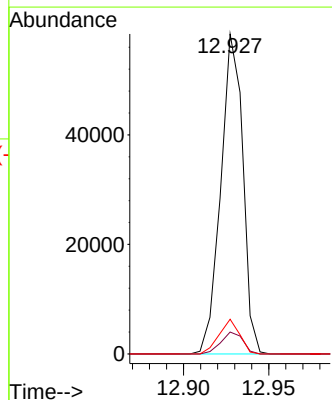
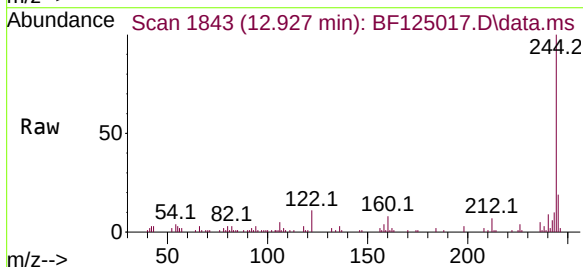
Instrument :
BNA_F
ClientSampleId :
1917

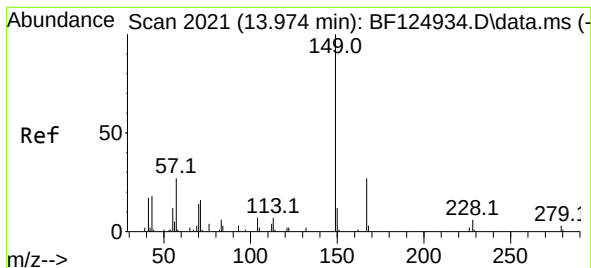
Tgt Ion:184 Resp: 770
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 74.53 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

Tgt Ion:244 Resp: 52621
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.9 9.0 13.4

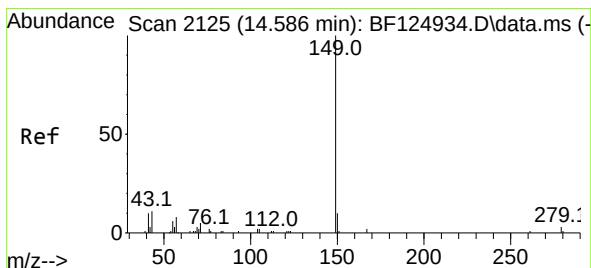
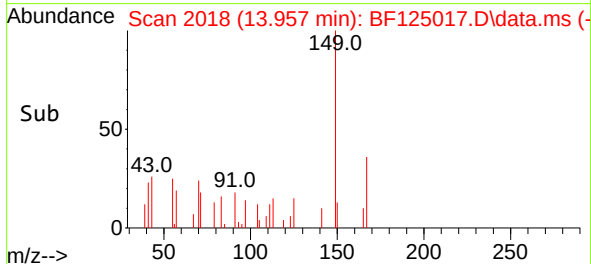
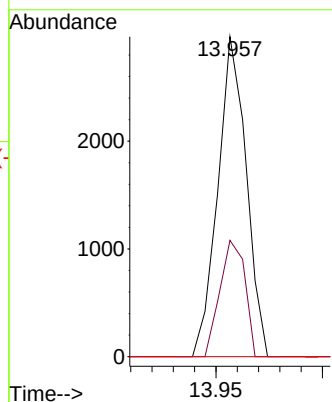
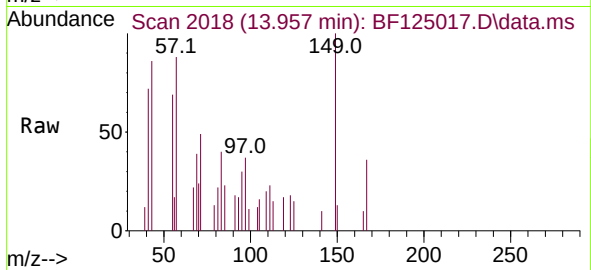




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.75 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

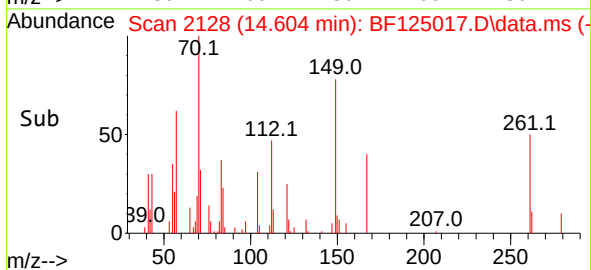
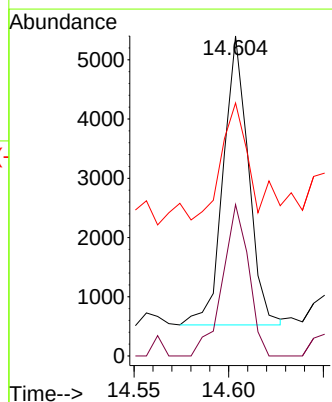
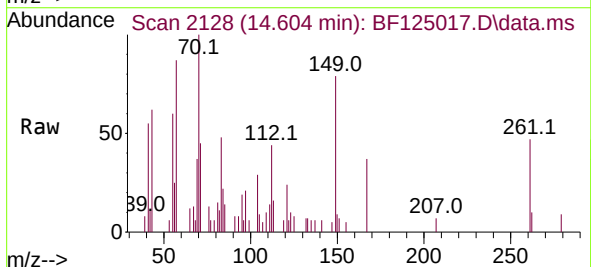
Instrument :
BNA_F
ClientSampled :
1917

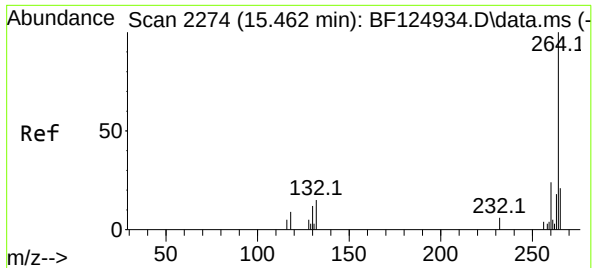
Tgt Ion:149 Resp: 2753
Ion Ratio Lower Upper
149 100
167 36.3 21.4 32.0#
279 0.0 2.6 4.0#



#85
Di-n-octyl phthalate
Concen: 4.96 ng
RT: 14.604 min Scan# 2128
Delta R.T. 0.035 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

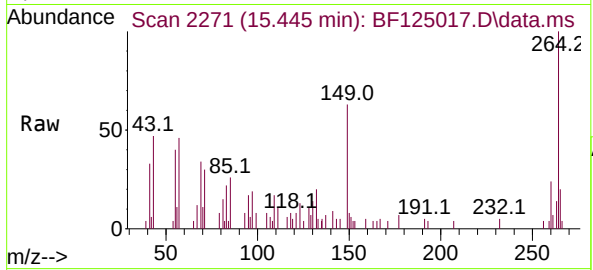
Tgt Ion:149 Resp: 4530
Ion Ratio Lower Upper
149 100
167 54.1 1.0 1.6#
43 51.7 9.9 14.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF125017.D
Acq: 9 Aug 2021 23:46

Instrument :
BNA_F
ClientSampleId :
1917



Tgt Ion:264 Resp: 8675

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	20.1	17.2	25.8

