

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125597.D
 Acq On : 23 Sep 2021 18:01
 Operator : JU/CG
 Sample : M3798-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE-2

Quant Time: Sep 24 04:18:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 19:21:36 2021
 Response via : Initial Calibration

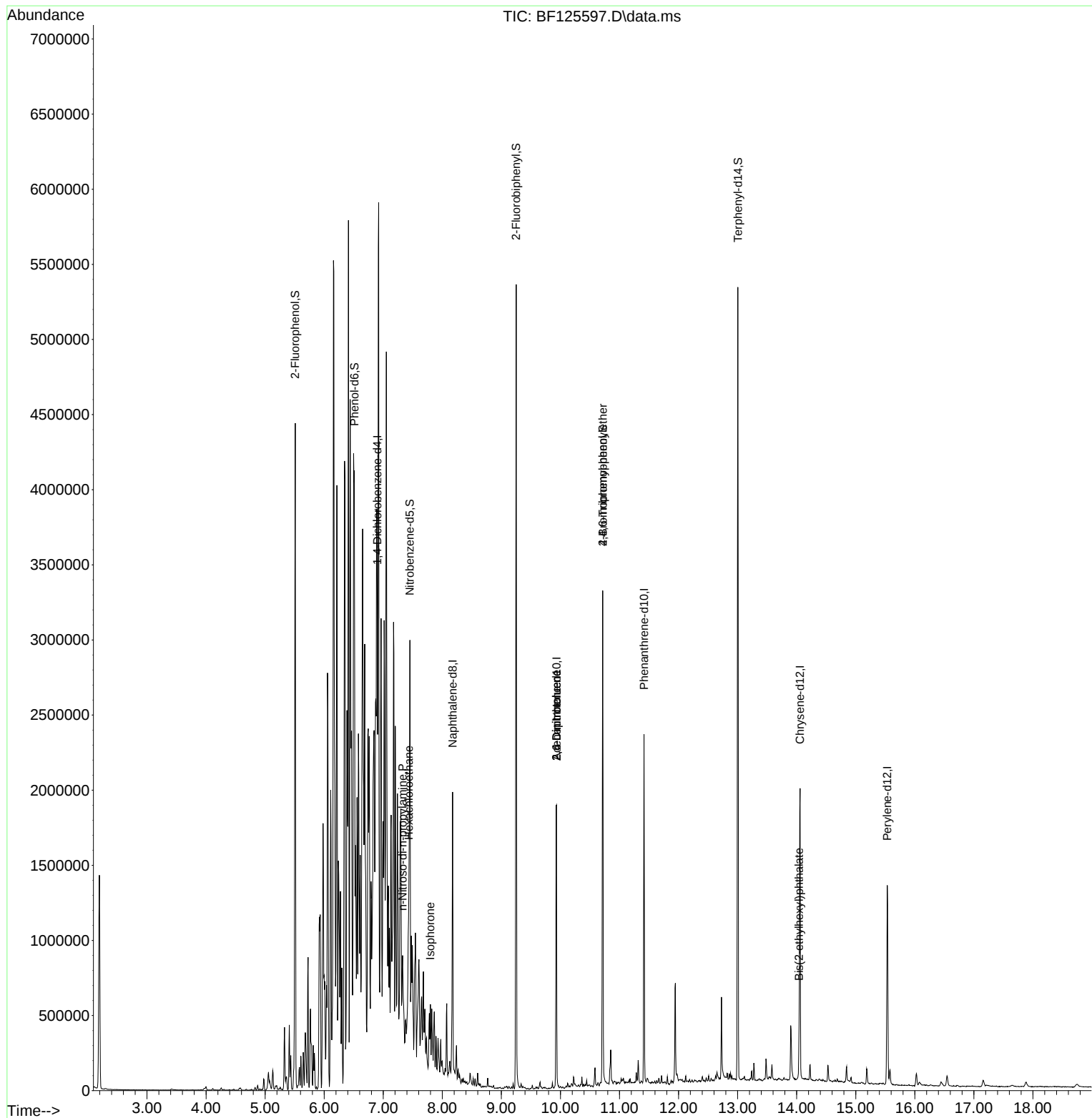
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	179578	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	805741	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	437415	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	767377	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	657985	20.000	ng	0.00
86) Perylene-d12	15.533	264	606739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1136241	100.057	ng	0.00
7) Phenol-d6	6.510	99	1364074	93.165	ng	-0.01
23) Nitrobenzene-d5	7.451	82	862012	68.236	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	424023	98.971	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1680259	67.173	ng	-0.01
79) Terphenyl-d14	13.004	244	1819249	44.648	ng	0.00
Target Compounds						
9) Benzaldehyde	6.439	77	19241	Below Cal		Qvalue # 2
18) Hexachloroethane	7.433	117	11398	2.272	ng	# 1
19) n-Nitroso-di-n-propyla...	7.328	70	31392	3.582	ng	# 42
25) Isophorone	7.798	82	73070	2.688	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	56585	9.448	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	56585	7.884	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	24041	2.741	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.039	149	77837	2.555	ng	# 98

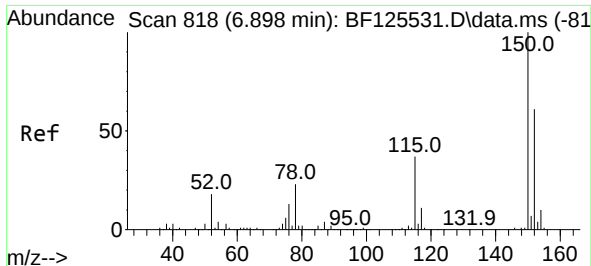
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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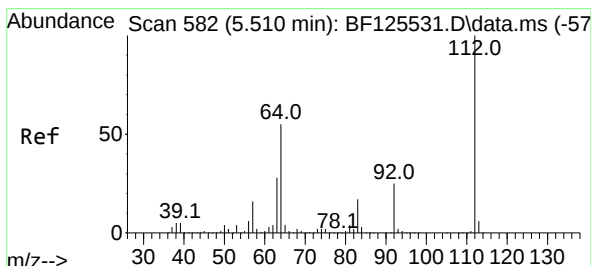
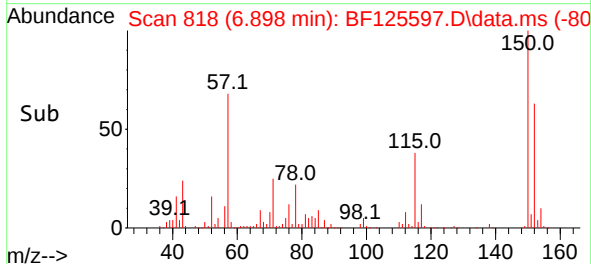
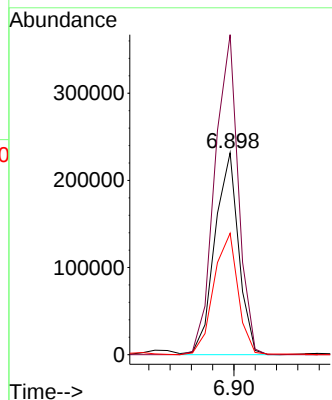
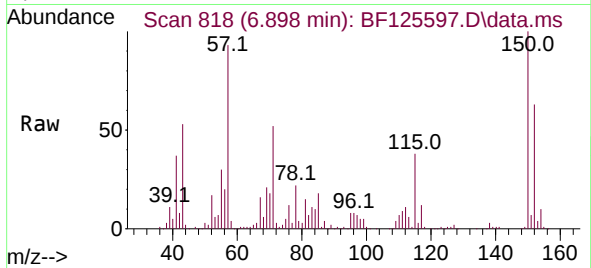




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

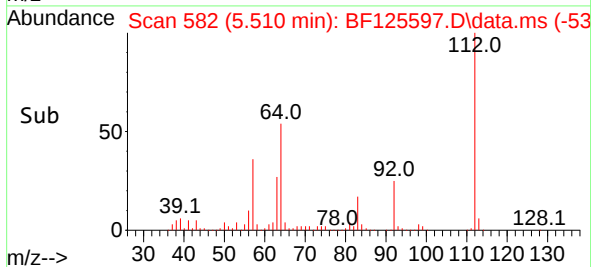
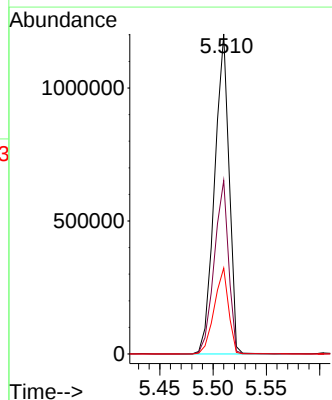
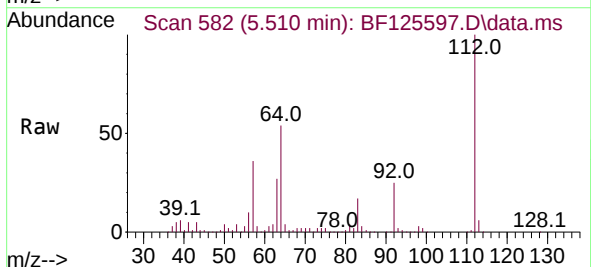
Instrument :
BNA_F
ClientSampleId :
DUPLICATE-2

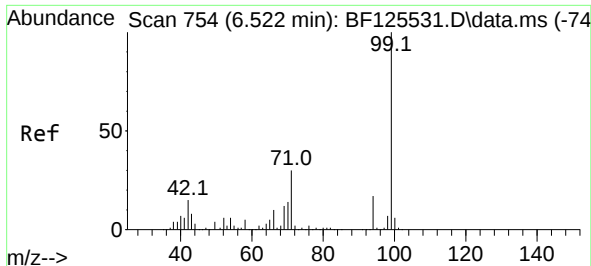
Tgt Ion:152 Resp: 179578
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 60.2 47.1 70.7



#5
2-Fluorophenol
Concen: 100.057 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

Tgt Ion:112 Resp: 1136241
Ion Ratio Lower Upper
112 100
64 54.2 44.2 66.2
63 26.8 26.2 39.2

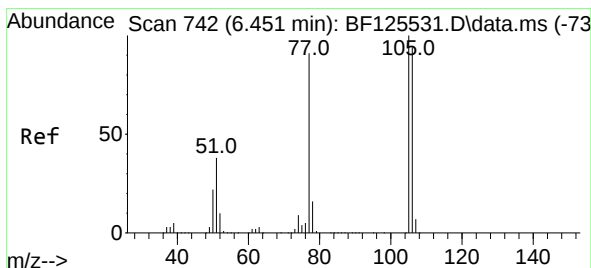
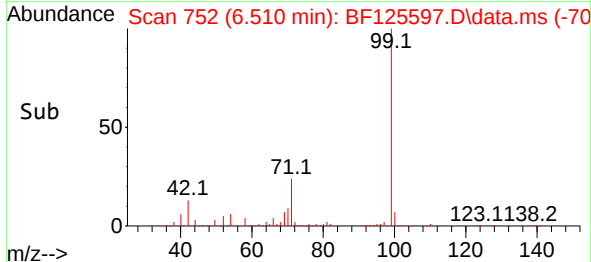
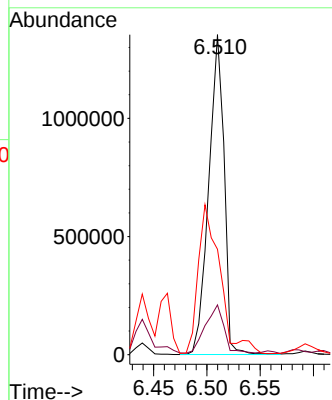
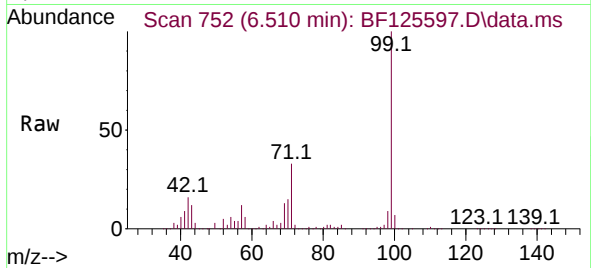




#7
Phenol-d6
Concen: 93.165 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

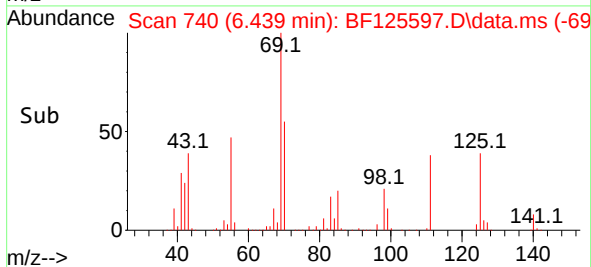
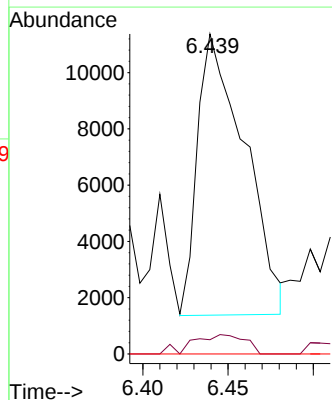
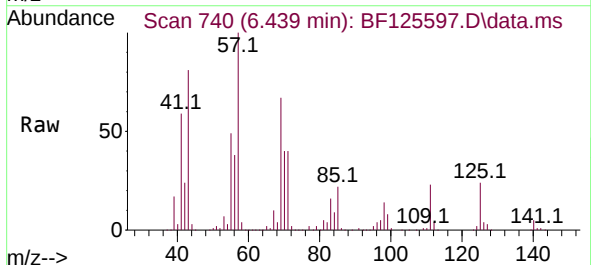
Instrument :
BNA_F
ClientSampleId :
DUPLICATE-2

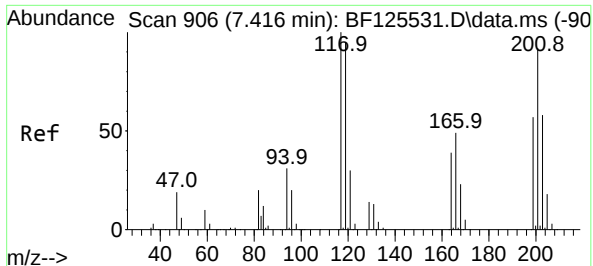
Tgt Ion: 99 Resp: 1364074
Ion Ratio Lower Upper
99 100
42 15.6 23.5 35.3#
71 32.9 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.439 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

Tgt Ion: 77 Resp: 19241
Ion Ratio Lower Upper
77 100
105 4.5 75.9 115.9#
106 0.0 84.0 124.0#

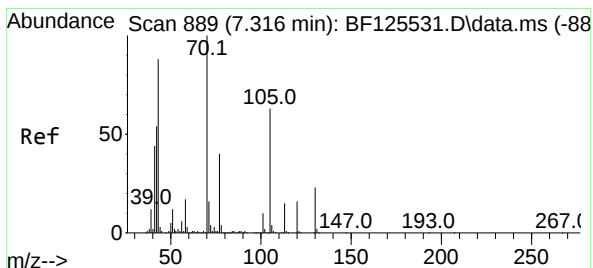
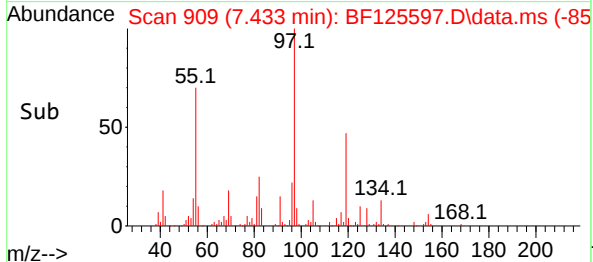
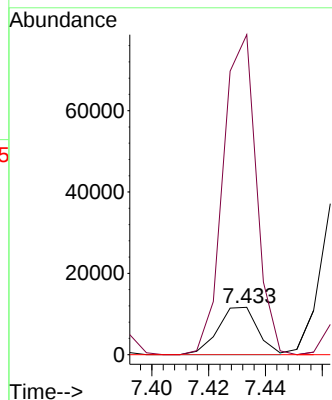
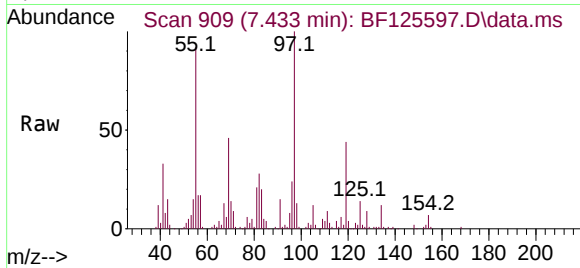




#18
Hexachloroethane
Concen: 2.272 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.018 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

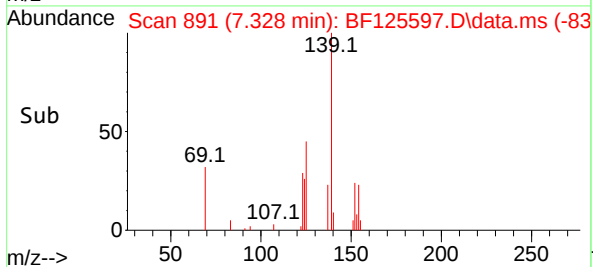
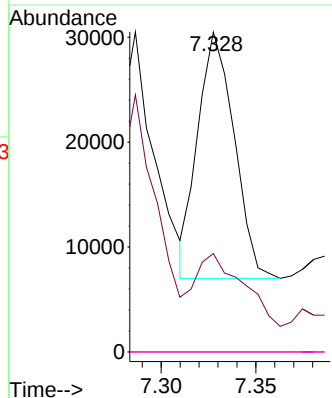
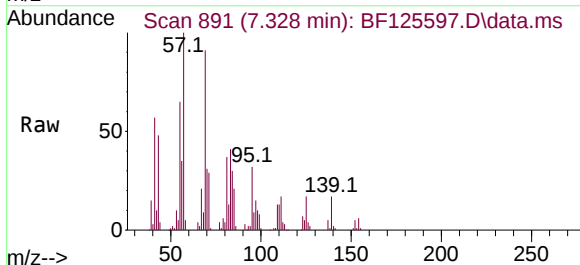
Instrument :
BNA_F
ClientSampleId :
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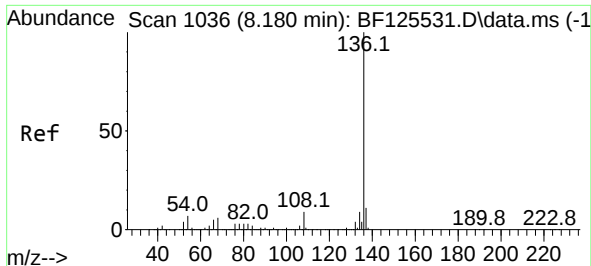
Tgt Ion:117 Resp: 11398
Ion Ratio Lower Upper
117 100
119 675.8 73.4 110.2#
201 0.0 64.9 97.3#



#19
n-Nitroso-di-n-propylamine
Concen: 3.582 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.012 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

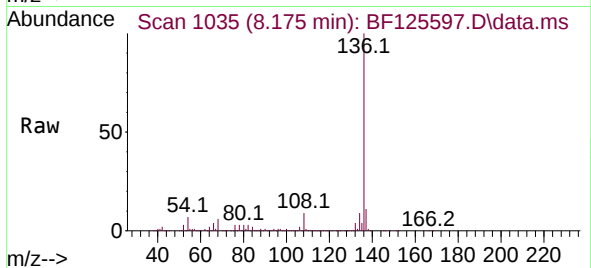
Tgt Ion: 70 Resp: 31392
Ion Ratio Lower Upper
70 100
42 30.7 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



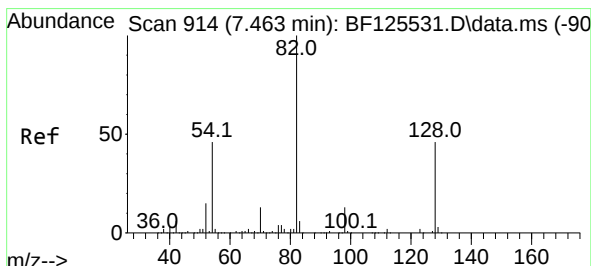
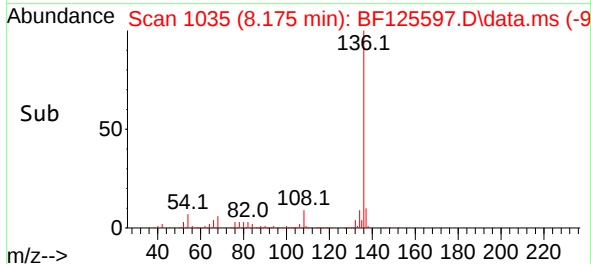
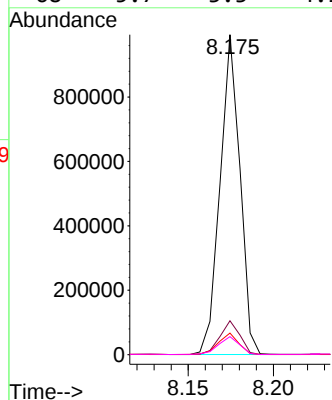


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

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BNA_F
ClientSampleId :
DUPLICATE-2

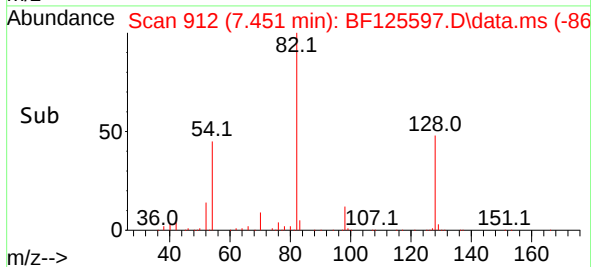
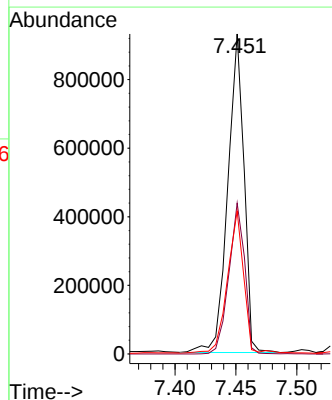
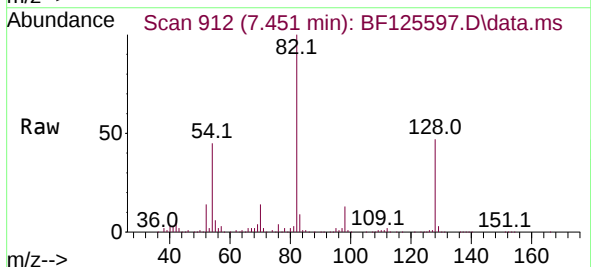


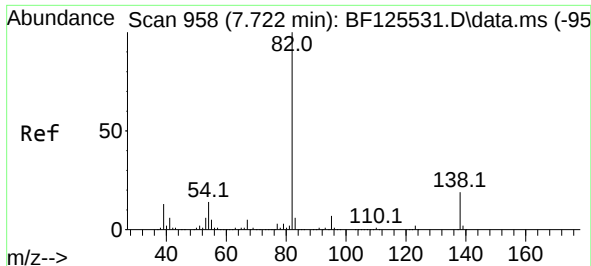
Tgt Ion:136 Resp: 805741
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.7 6.4 9.6
68 5.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 68.236 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

Tgt Ion: 82 Resp: 862012
Ion Ratio Lower Upper
82 100
128 47.2 40.6 60.8
54 44.7 49.6 74.4#

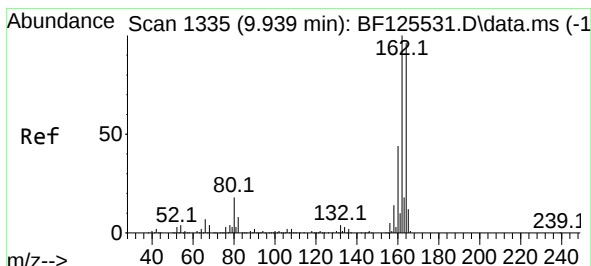
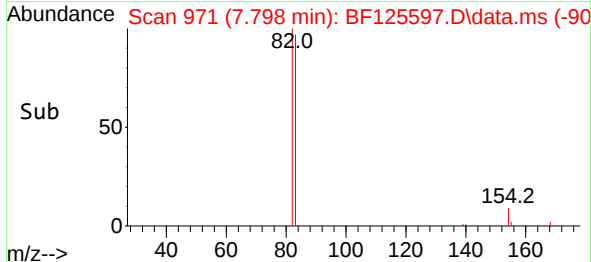
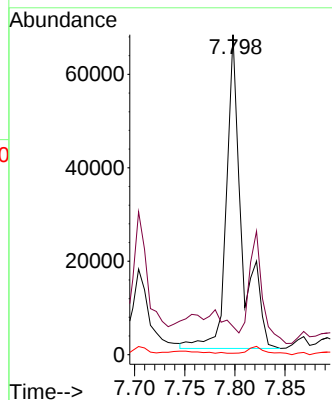
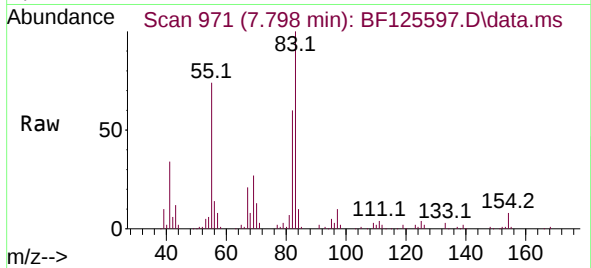




#25
Isophorone
Concen: 2.688 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.076 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

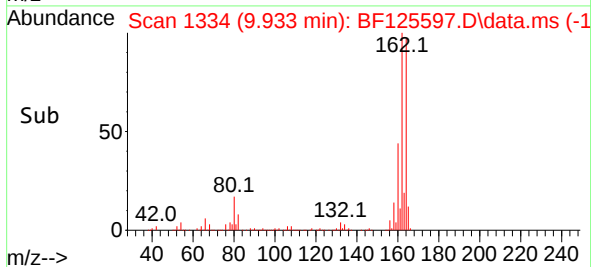
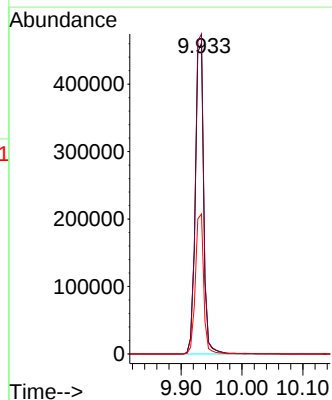
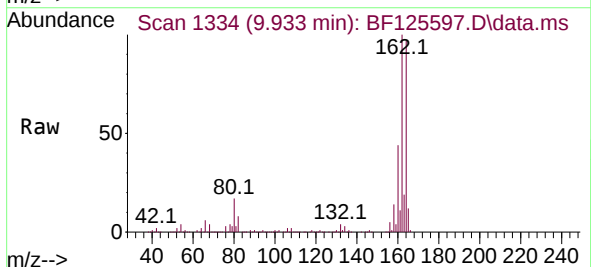
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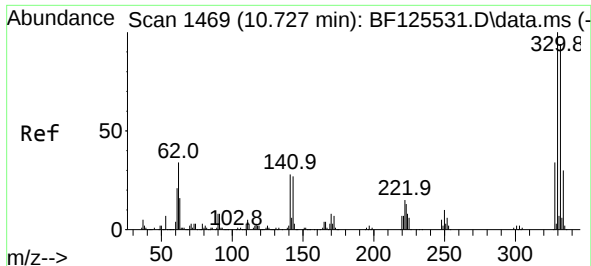
Tgt Ion: 82 Resp: 73070
Ion Ratio Lower Upper
82 100
95 8.8 6.5 9.7
138 0.5 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

Tgt Ion: 164 Resp: 437415
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 45.0 38.0 57.0

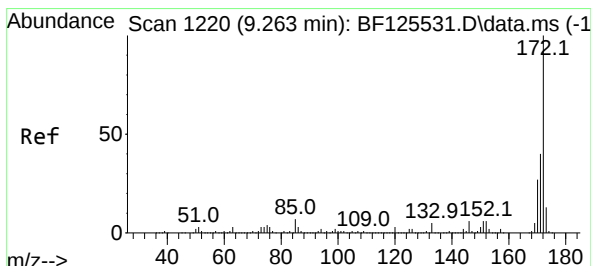
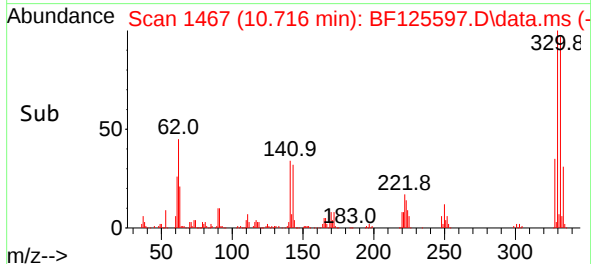
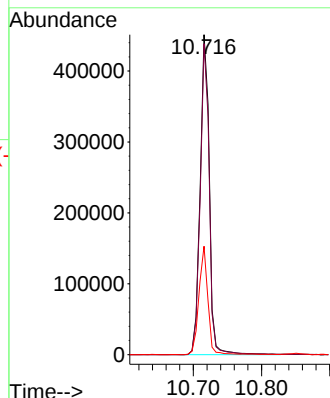
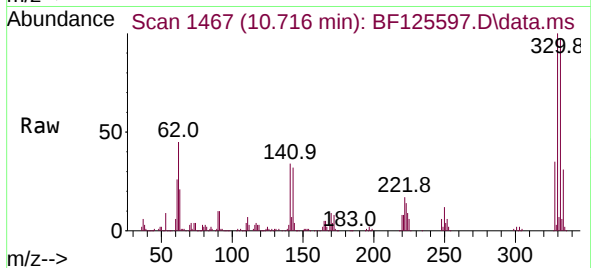




#42
2,4,6-Tribromophenol
Concen: 98.971 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

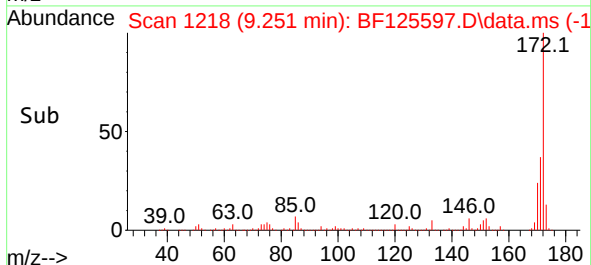
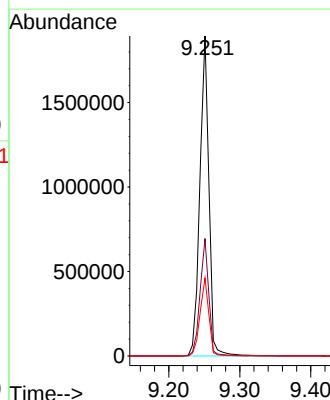
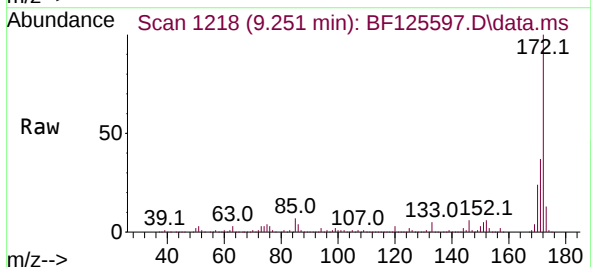
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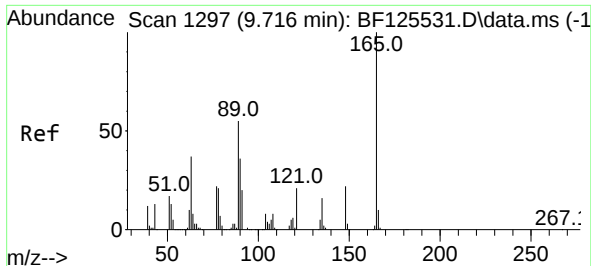
Tgt Ion:330 Resp: 424023
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 33.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 67.173 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

Tgt Ion:172 Resp: 1680259
Ion Ratio Lower Upper
172 100
171 36.7 26.5 39.7
170 24.3 18.8 28.2

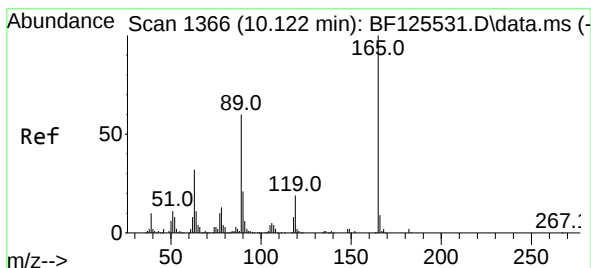
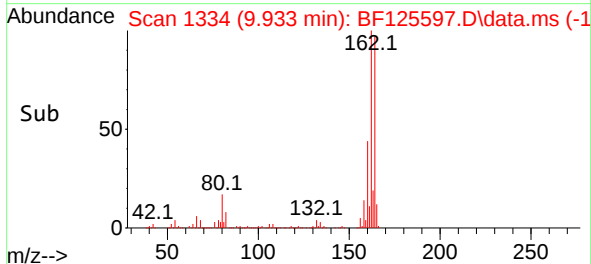
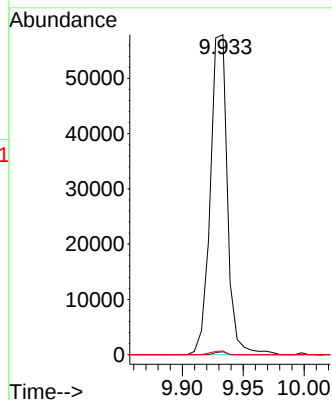
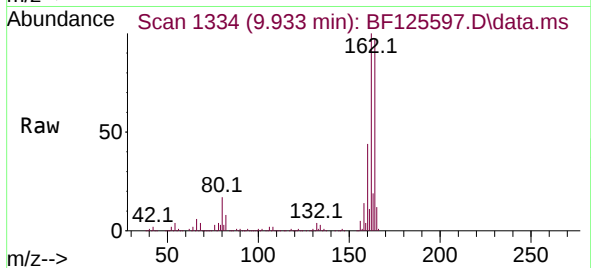




#51
2,6-Dinitrotoluene
Concen: 9.448 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

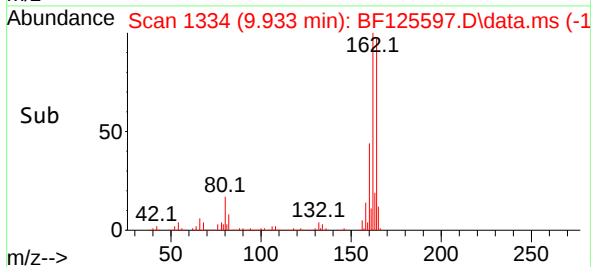
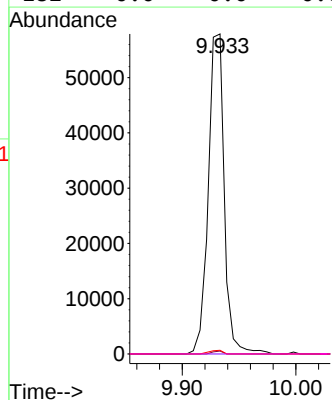
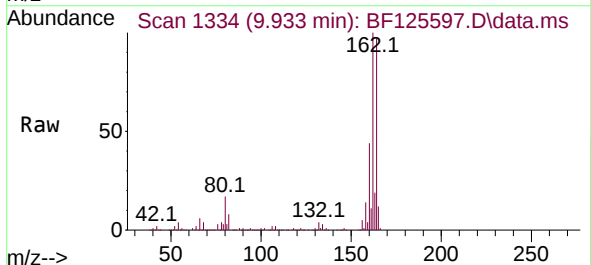
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ClientSampleId :
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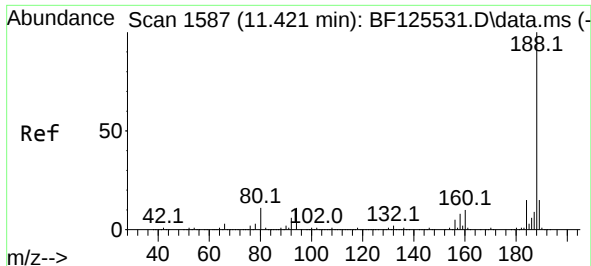
Tgt Ion:165 Resp: 56585
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.884 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

Tgt Ion:165 Resp: 56585
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

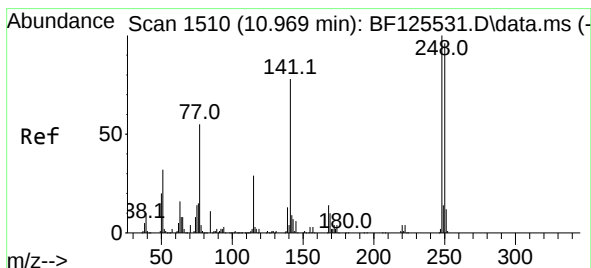
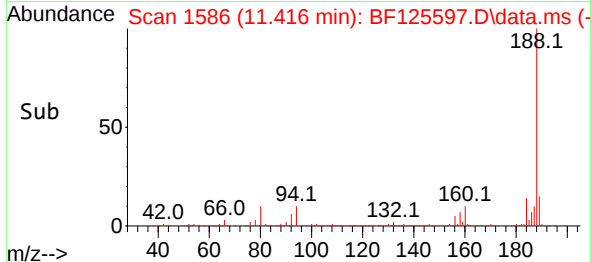
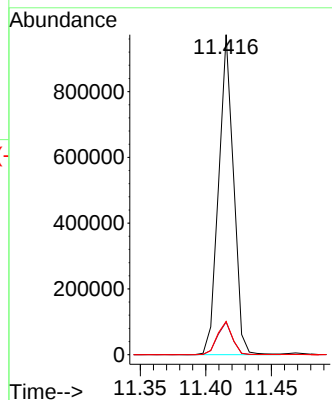
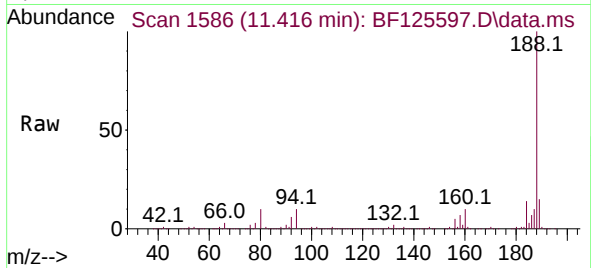




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

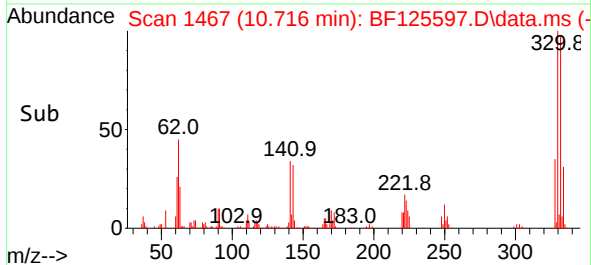
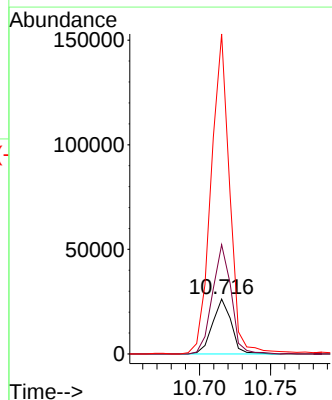
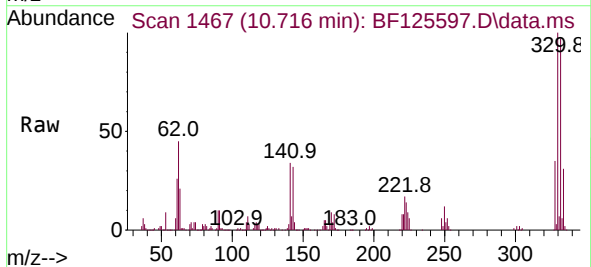
Instrument :
BNA_F
ClientSampleId :
DUPLICATE-2

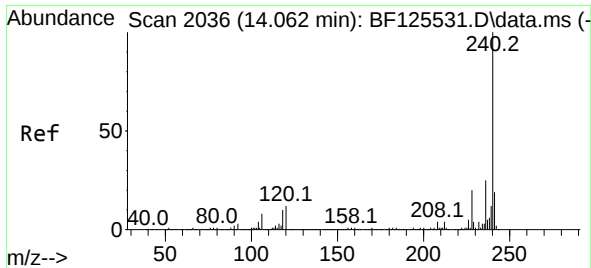
Tgt Ion:188 Resp: 767377
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.741 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

Tgt Ion:248 Resp: 24041
Ion Ratio Lower Upper
248 100
250 199.1 74.2 111.4#
141 582.7 60.4 90.6#

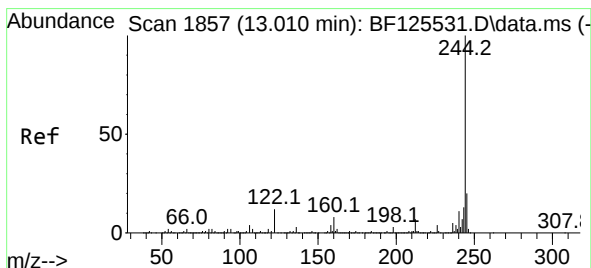
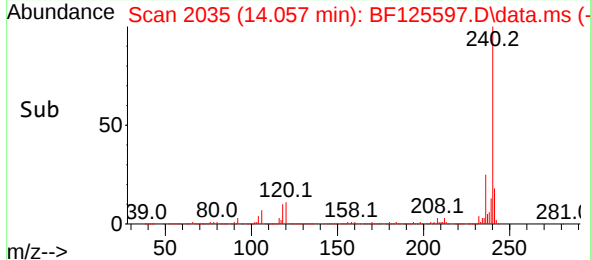
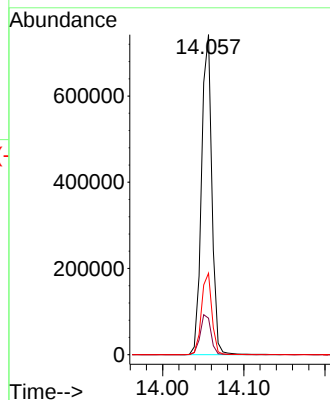
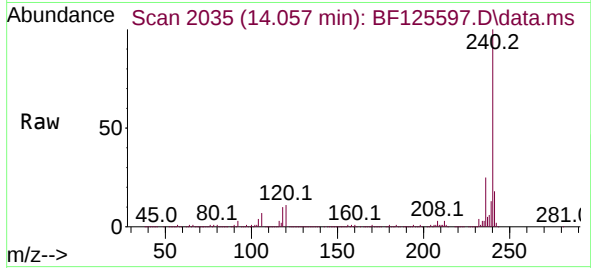




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

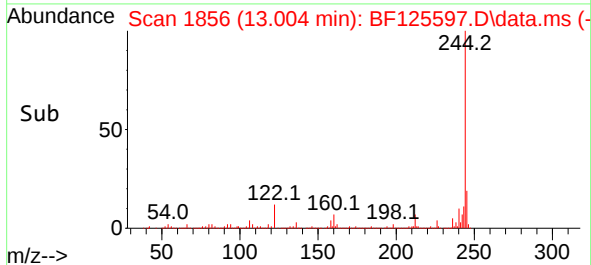
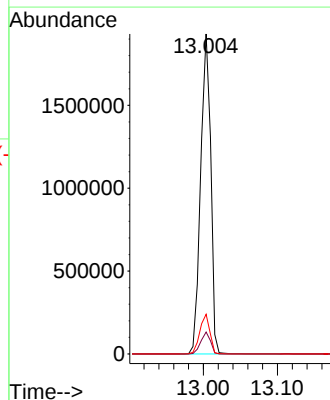
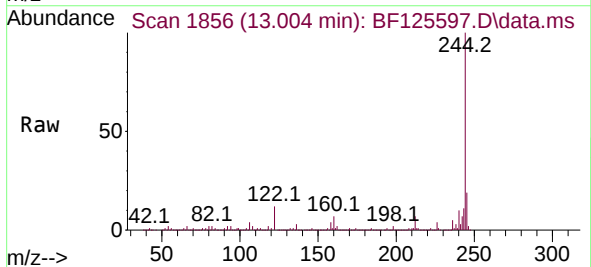
Instrument :
BNA_F
ClientSampleId :
DUPLICATE-2

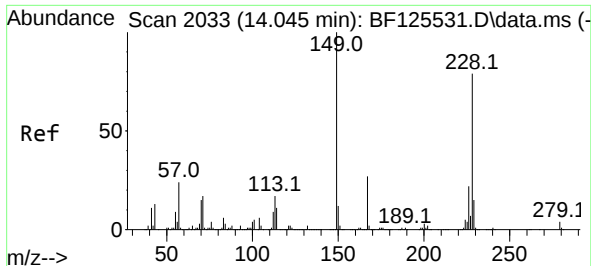
Tgt Ion:240	Resp: 657985
Ion Ratio	Lower Upper
240	100
120	11.4 10.8 16.2
236	25.4 21.6 32.4



#79
Terphenyl-d14
Concen: 44.648 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125597.D
Acq: 23 Sep 2021 18:01

Tgt Ion:244	Resp: 1819249
Ion Ratio	Lower Upper
244	100
212	6.8 5.9 8.9
122	12.4 9.0 13.4

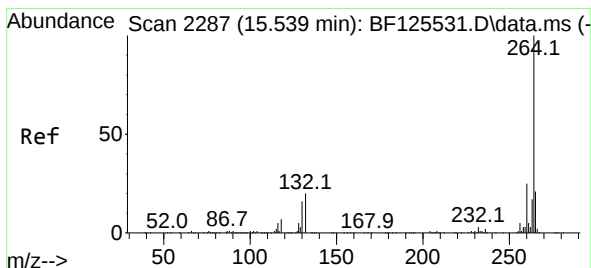
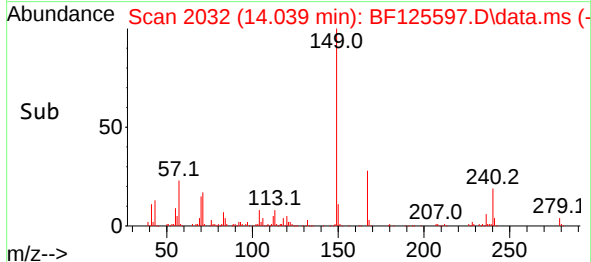
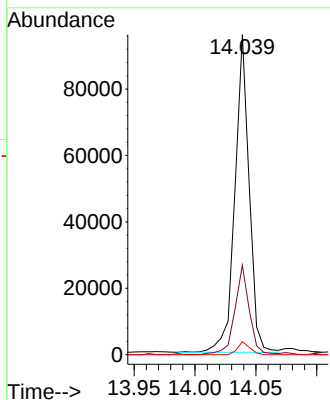
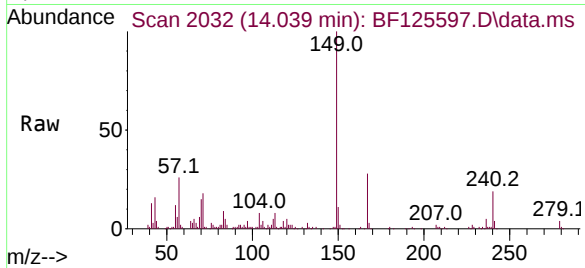




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.555 ng
 RT: 14.039 min Scan# 2032
 Delta R.T. -0.006 min
 Lab File: BF125597.D
 Acq: 23 Sep 2021 18:01

Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE-2

Tgt Ion:149 Resp: 77837
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.4 32.0
 279 4.0 2.6 4.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: BF125597.D
 Acq: 23 Sep 2021 18:01

Tgt Ion:264 Resp: 606739
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 21.3 17.2 25.8

