

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125584.D
 Acq On : 23 Sep 2021 10:40
 Operator : JU/CG
 Sample : PB139258BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139258BL

Quant Time: Sep 23 11:31:28 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)

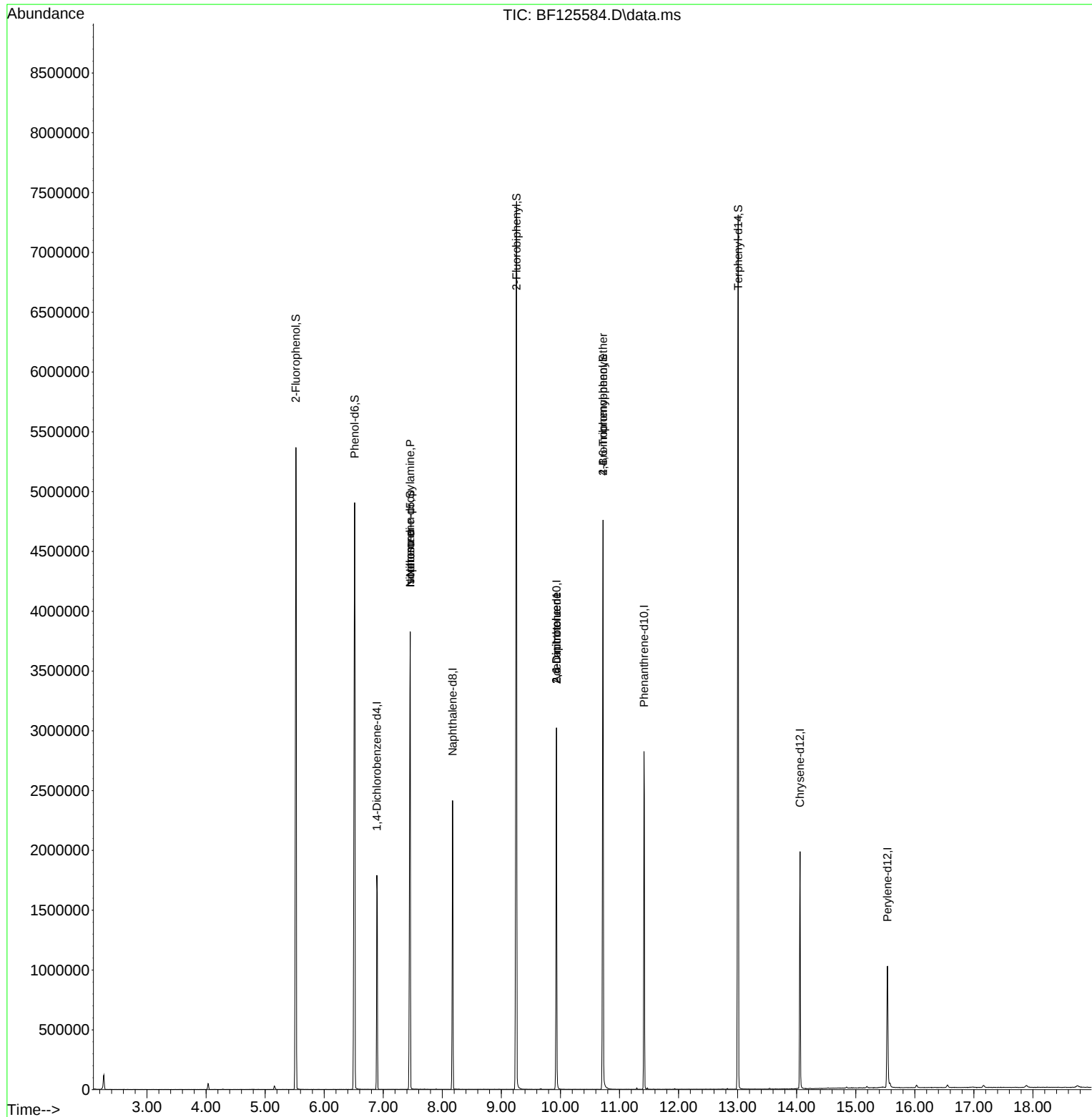
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	280265	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1205174	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	647126	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1059320	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	653508	20.000	ng	0.00
86) Perylene-d12	15.539	264	521914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1988213	112.182	ng	0.01
7) Phenol-d6	6.516	99	2393116	104.728	ng	0.00
23) Nitrobenzene-d5	7.457	82	1478603	78.253	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	689943	108.852	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2804523	77.455	ng	0.00
79) Terphenyl-d14	13.010	244	2705414	66.851	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	3488	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.457	70	188317	13.769	ng	# 51
25) Isophorone	7.457	82	1473321	36.233	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	80691	9.107	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	80691	7.599	ng	# 19
67) 4-Bromophenyl-phenylether	10.722	248	37624	3.108	ng	# 1

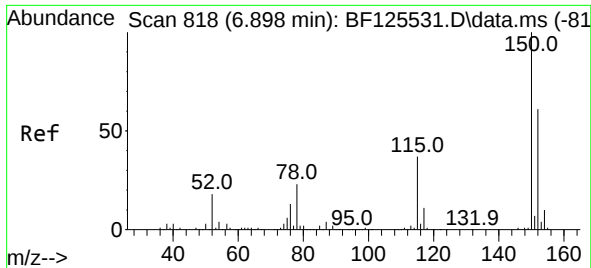
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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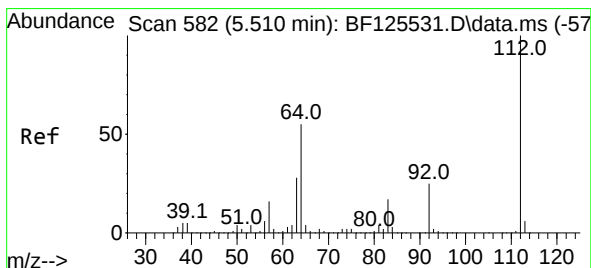
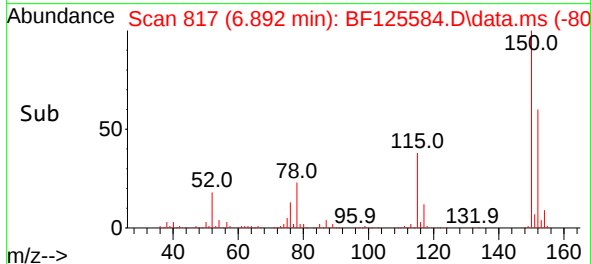
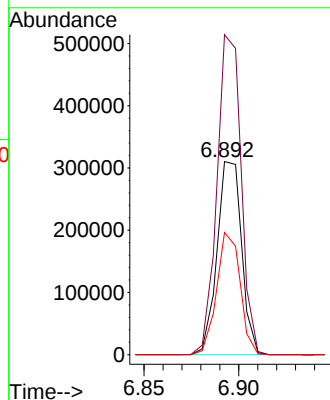
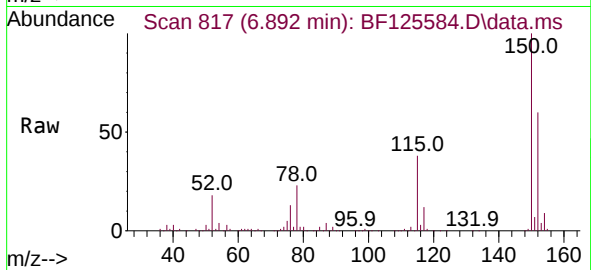




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

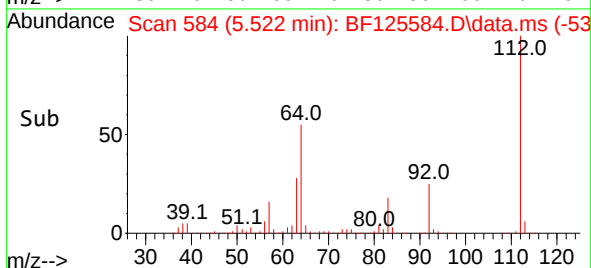
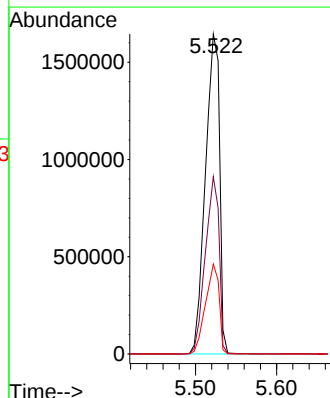
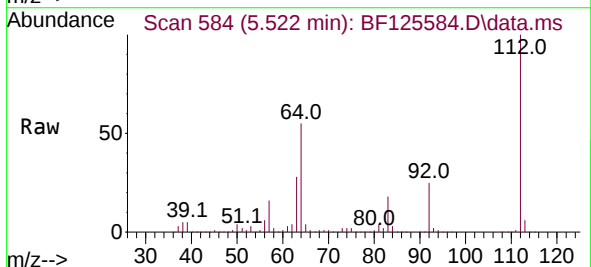
Instrument :
BNA_F
ClientSampleId :
PB139258BL

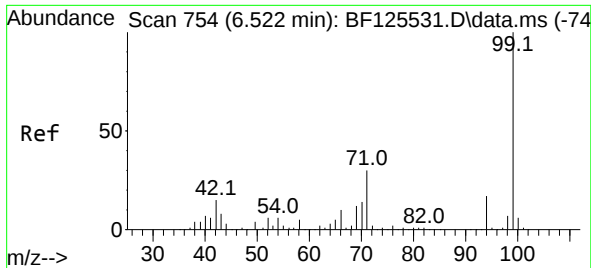
Tgt Ion:152 Resp: 280265
Ion Ratio Lower Upper
152 100
150 165.6 117.6 176.4
115 63.3 47.1 70.7



#5
2-Fluorophenol
Concen: 112.182 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

Tgt Ion:112 Resp: 1988213
Ion Ratio Lower Upper
112 100
64 55.4 44.2 66.2
63 28.1 26.2 39.2

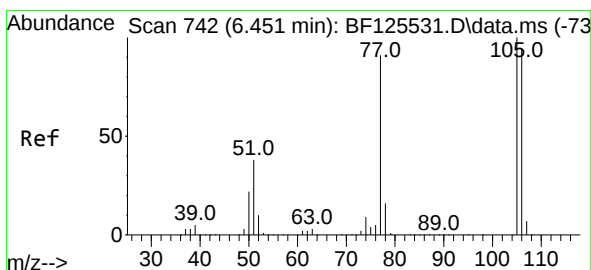
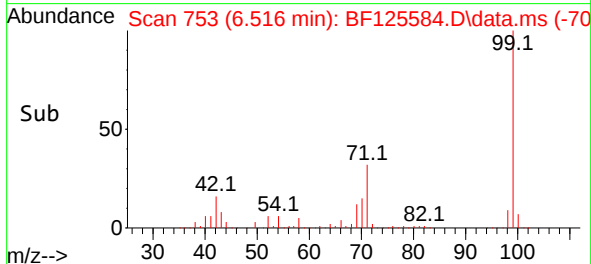
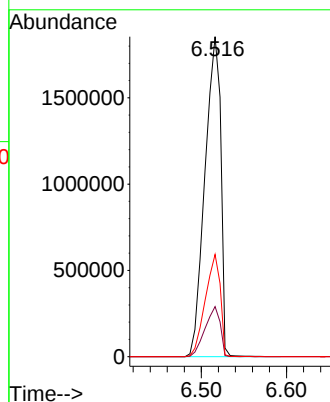
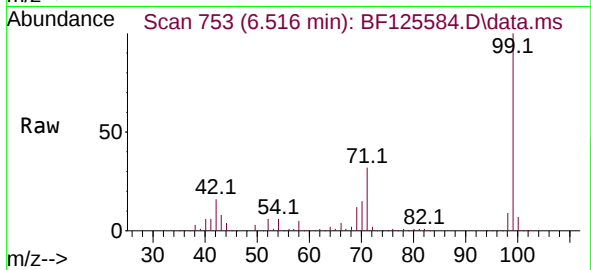




#7
Phenol-d6
Concen: 104.728 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

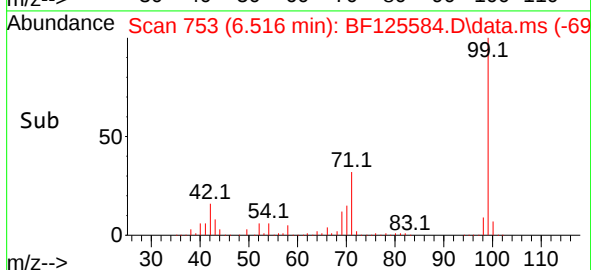
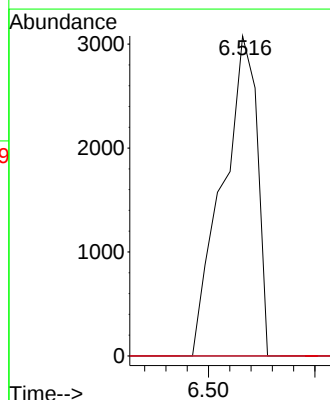
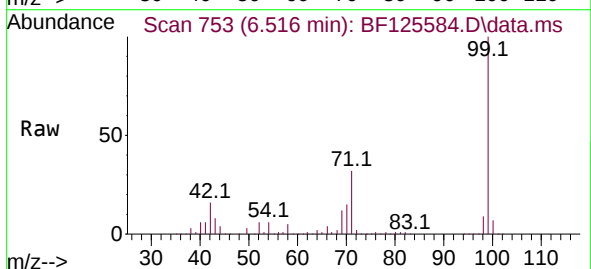
Instrument :
BNA_F
ClientSampleId :
PB139258BL

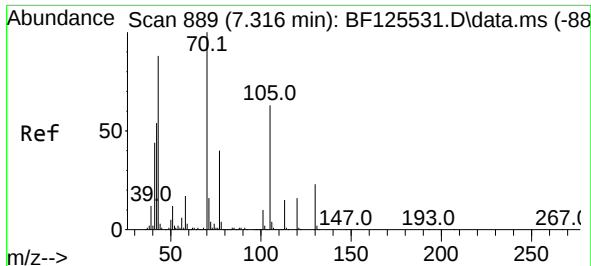
Tgt Ion: 99 Resp: 2393116
Ion Ratio Lower Upper
99 100
42 15.6 23.5 35.3#
71 31.9 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.065 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

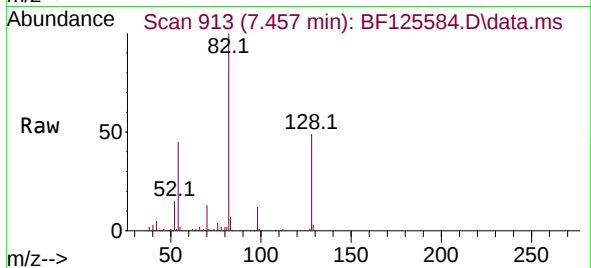
Tgt Ion: 77 Resp: 3488
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



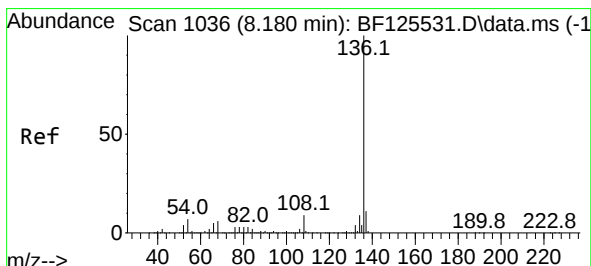
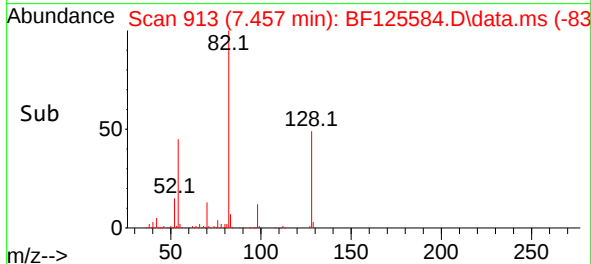
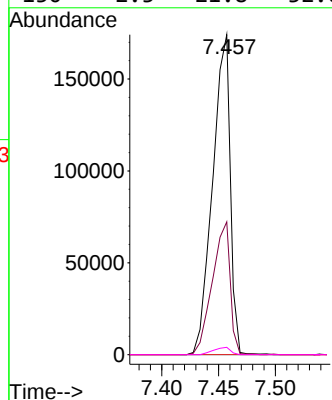


#19
n-Nitroso-di-n-propylamine
Concen: 13.769 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

Instrument :
BNA_F
ClientSampleId :
PB139258BL

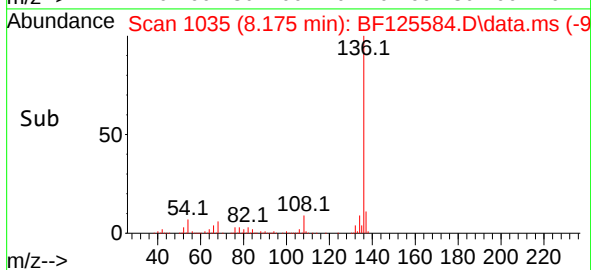
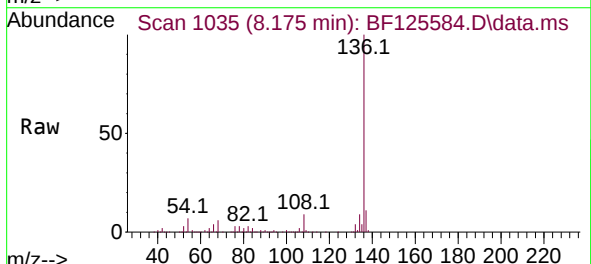
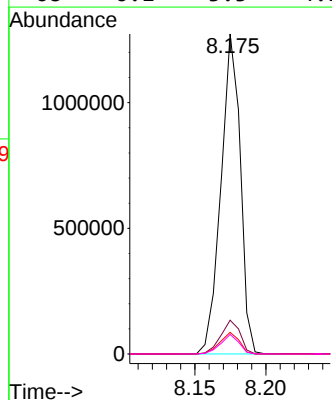


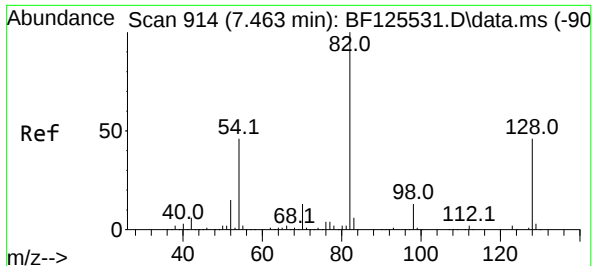
Tgt Ion: 70 Resp: 188317
Ion Ratio Lower Upper
70 100
42 41.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

Tgt Ion: 136 Resp: 1205174
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.7 6.4 9.6
68 6.1 3.3 4.9#

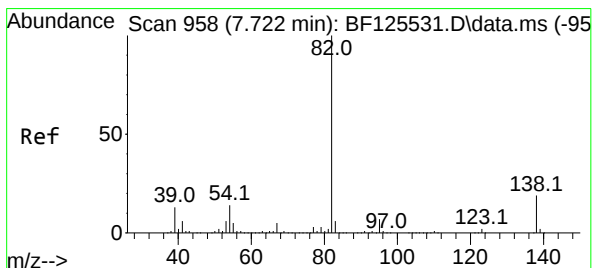
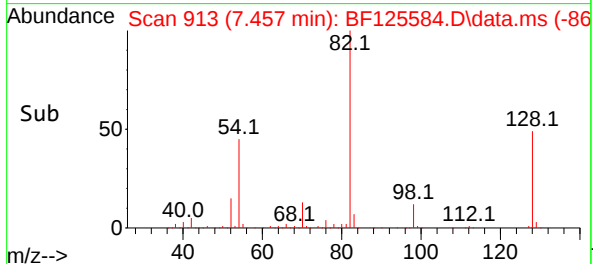
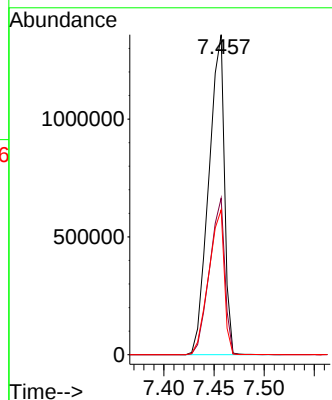
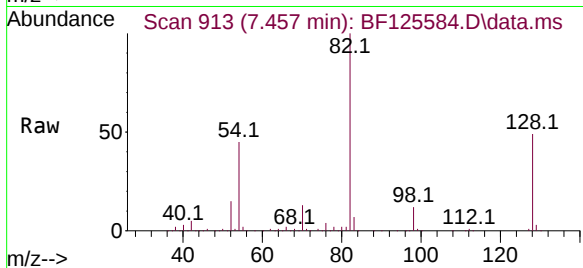




#23
Nitrobenzene-d5
Concen: 78.253 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

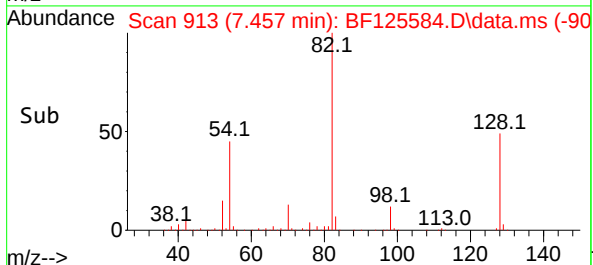
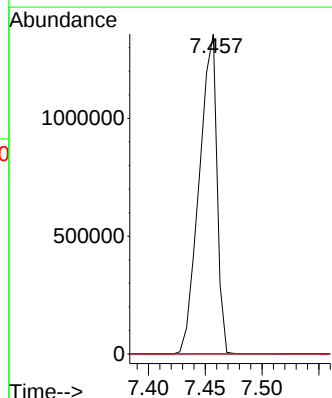
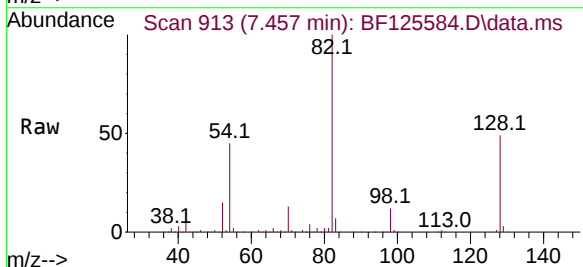
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ClientSampleId :
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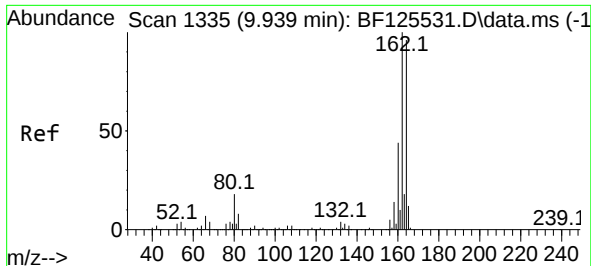
Tgt Ion: 82 Resp: 1478603
Ion Ratio Lower Upper
82 100
128 48.9 40.6 60.8
54 45.3 49.6 74.4#



#25
Isophorone
Concen: 36.233 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

Tgt Ion: 82 Resp: 1473321
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

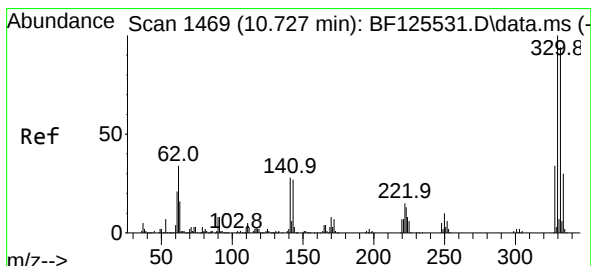
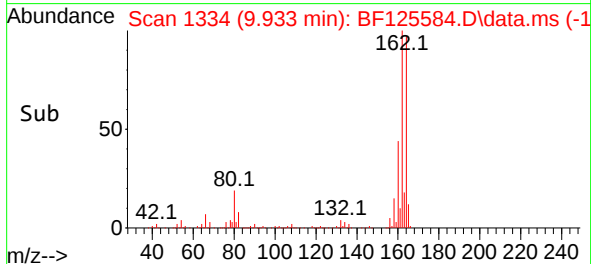
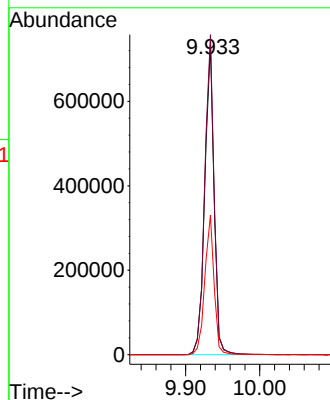
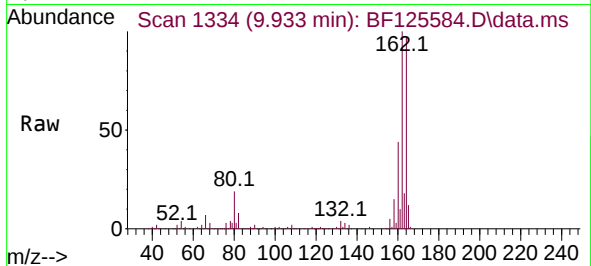




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

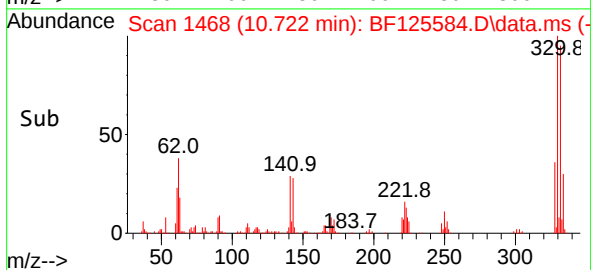
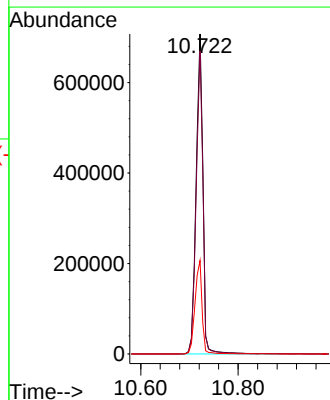
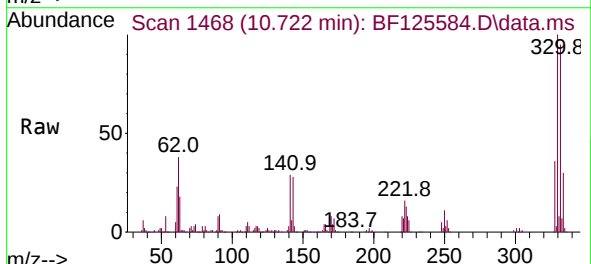
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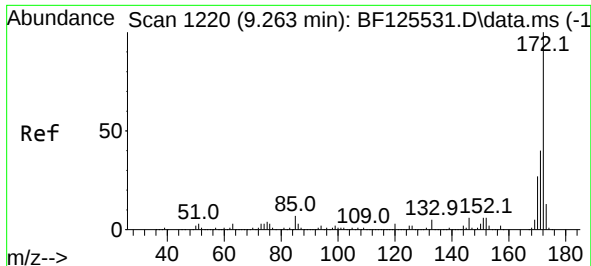
Tgt Ion:164 Resp: 647126
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 45.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 108.852 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

Tgt Ion:330 Resp: 689943
Ion Ratio Lower Upper
330 100
332 94.0 76.2 114.4
141 30.3 44.6 66.8#

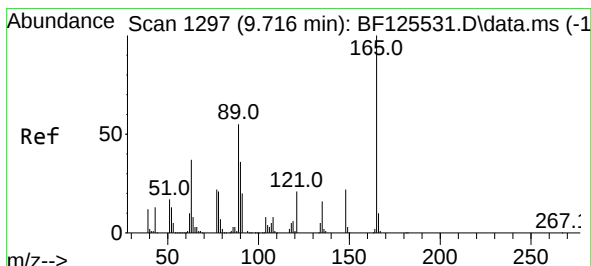
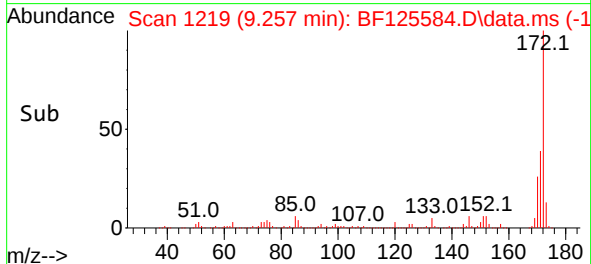
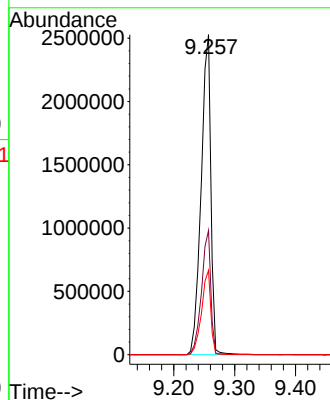
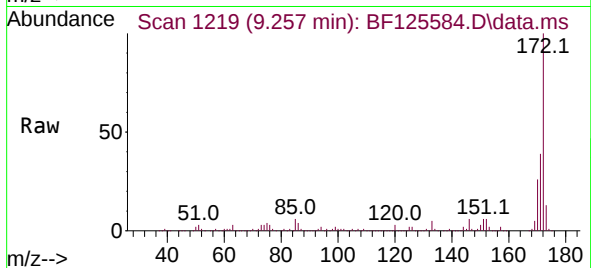




#45
2-Fluorobiphenyl
Concen: 77.455 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

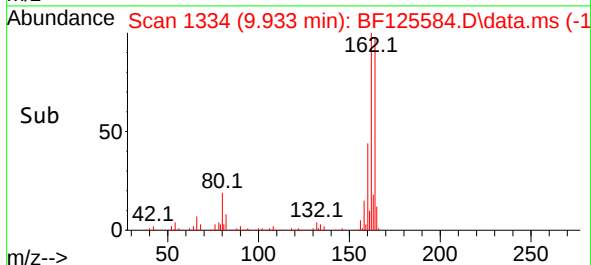
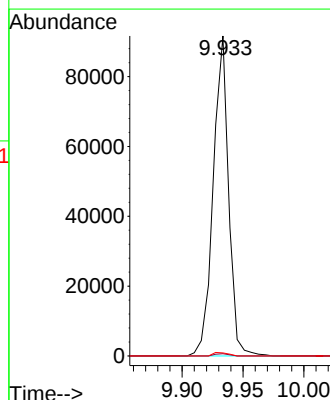
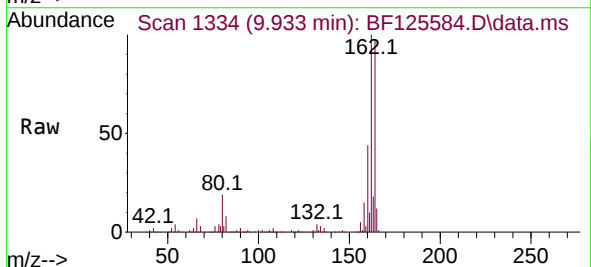
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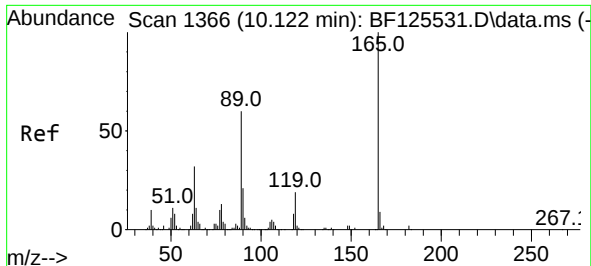
Tgt Ion:172 Resp: 2804523
Ion Ratio Lower Upper
172 100
171 38.8 26.5 39.7
170 26.3 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.107 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

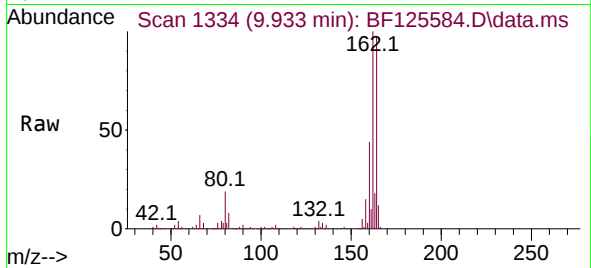
Tgt Ion:165 Resp: 80691
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 0.9 40.6 60.8#



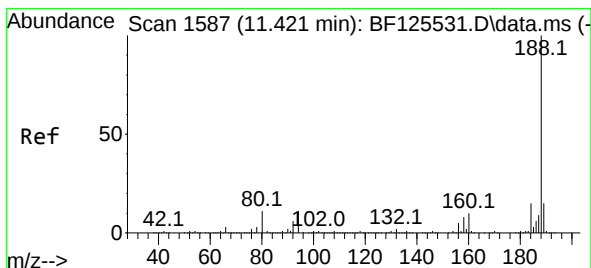
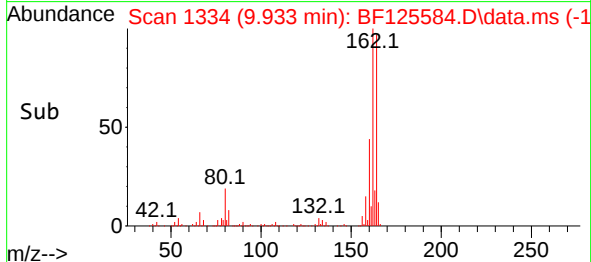
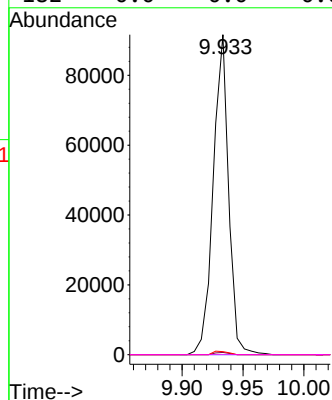


#57
2,4-Dinitrotoluene
Concen: 7.599 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

Instrument :
BNA_F
ClientSampleId :
PB139258BL

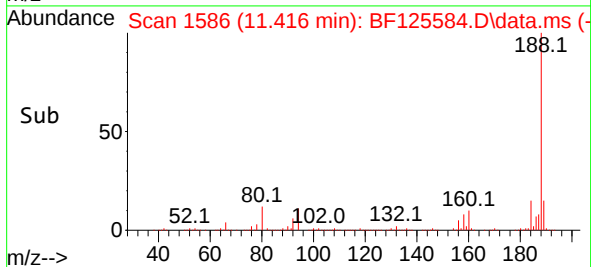
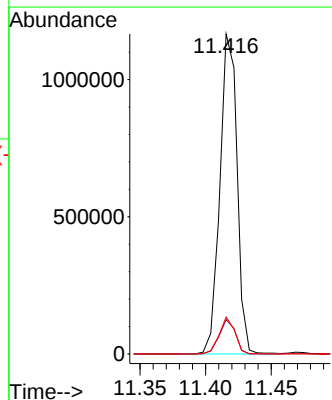
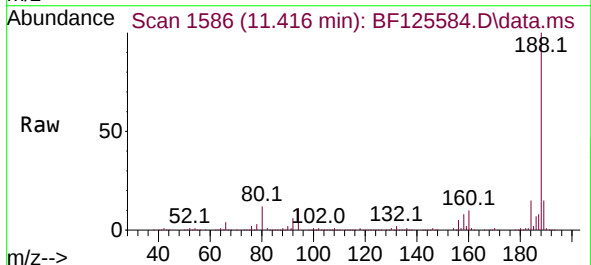


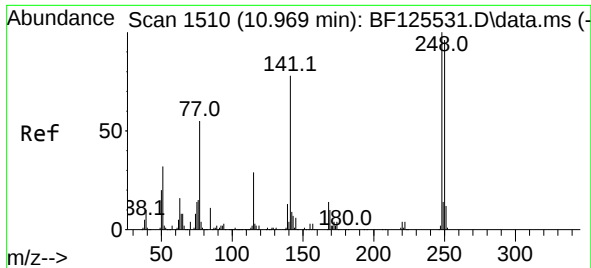
Tgt Ion:165 Resp: 80691
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

Tgt Ion:188 Resp: 1059320
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 11.6 7.5 11.3#

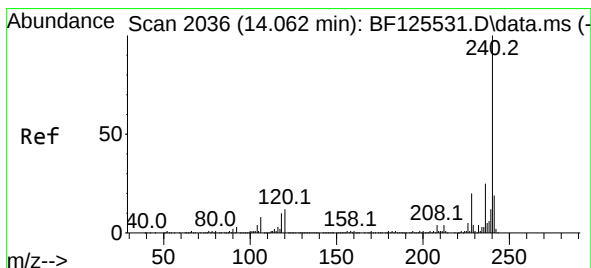
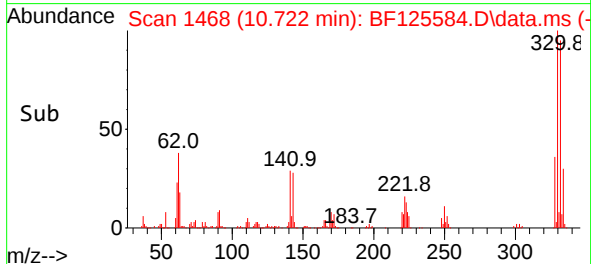
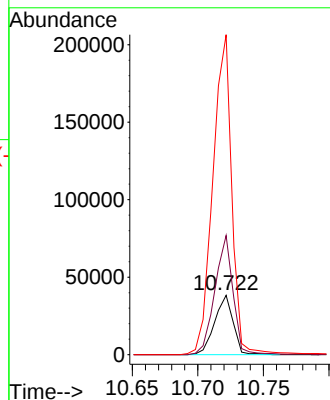
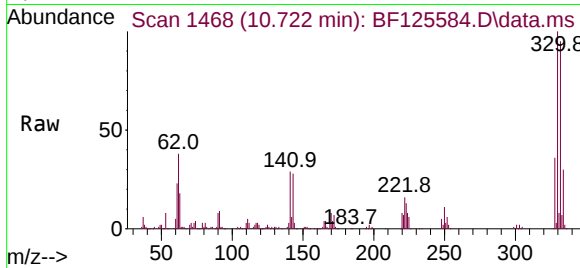




#67
4-Bromophenyl-phenylether
Concen: 3.108 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

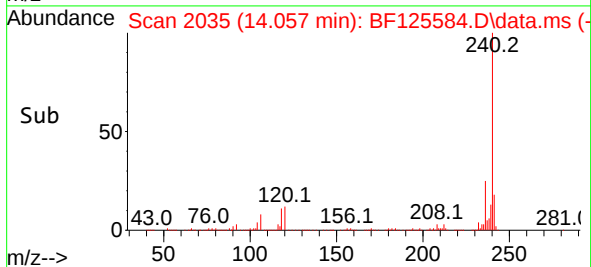
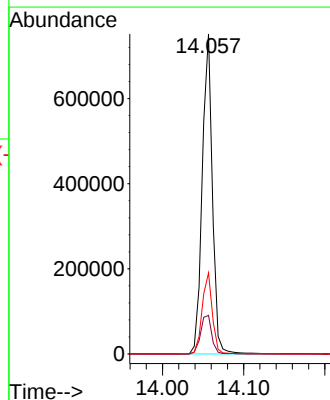
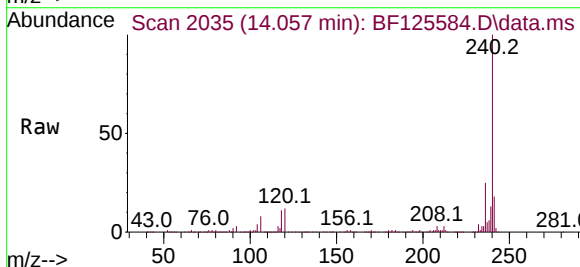
Instrument :
BNA_F
ClientSampleId :
PB139258BL

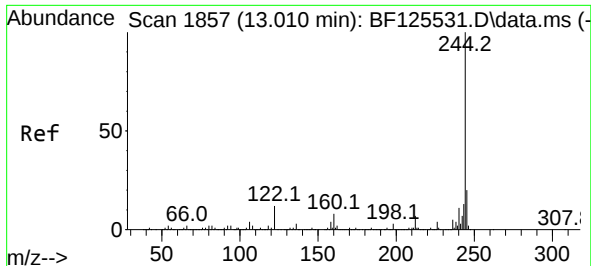
Tgt Ion:248 Resp: 37624
Ion Ratio Lower Upper
248 100
250 200.6 74.2 111.4#
141 538.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

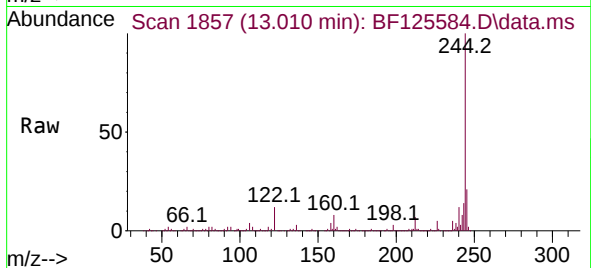
Tgt Ion:240 Resp: 653508
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 25.4 21.6 32.4



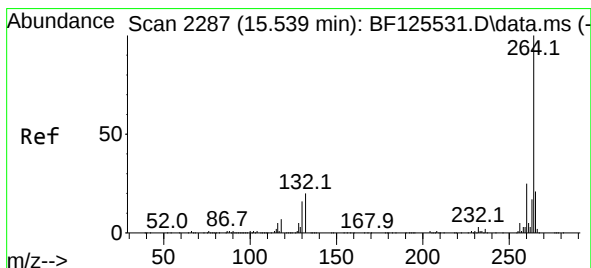
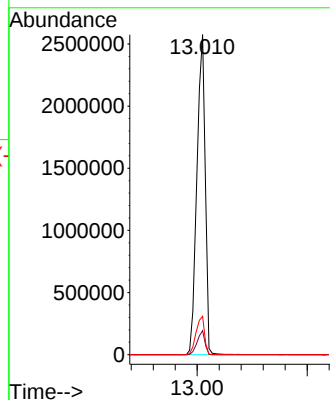
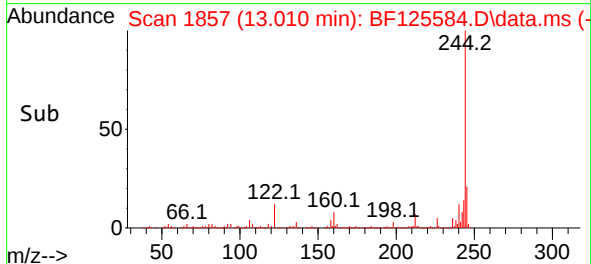


#79
Terphenyl-d14
Concen: 66.851 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40

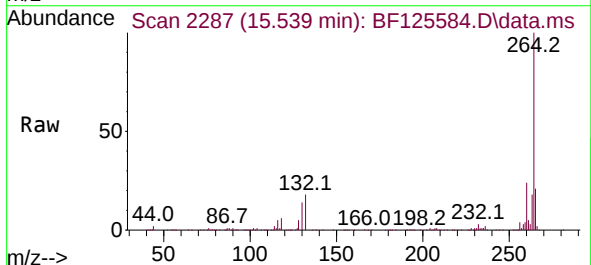
Instrument :
BNA_F
ClientSampleId :
PB139258BL



Tgt Ion:244 Resp: 2705414
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 12.0 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BF125584.D
Acq: 23 Sep 2021 10:40



Tgt Ion:264 Resp: 521914
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.1 17.2 25.8

