

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
 Data File : BF125377.D
 Acq On : 4 Sep 2021 19:25
 Operator : JU/CG
 Sample : M3648-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211053-SI-COMPOSITE-2

Quant Time: Sep 06 08:29:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

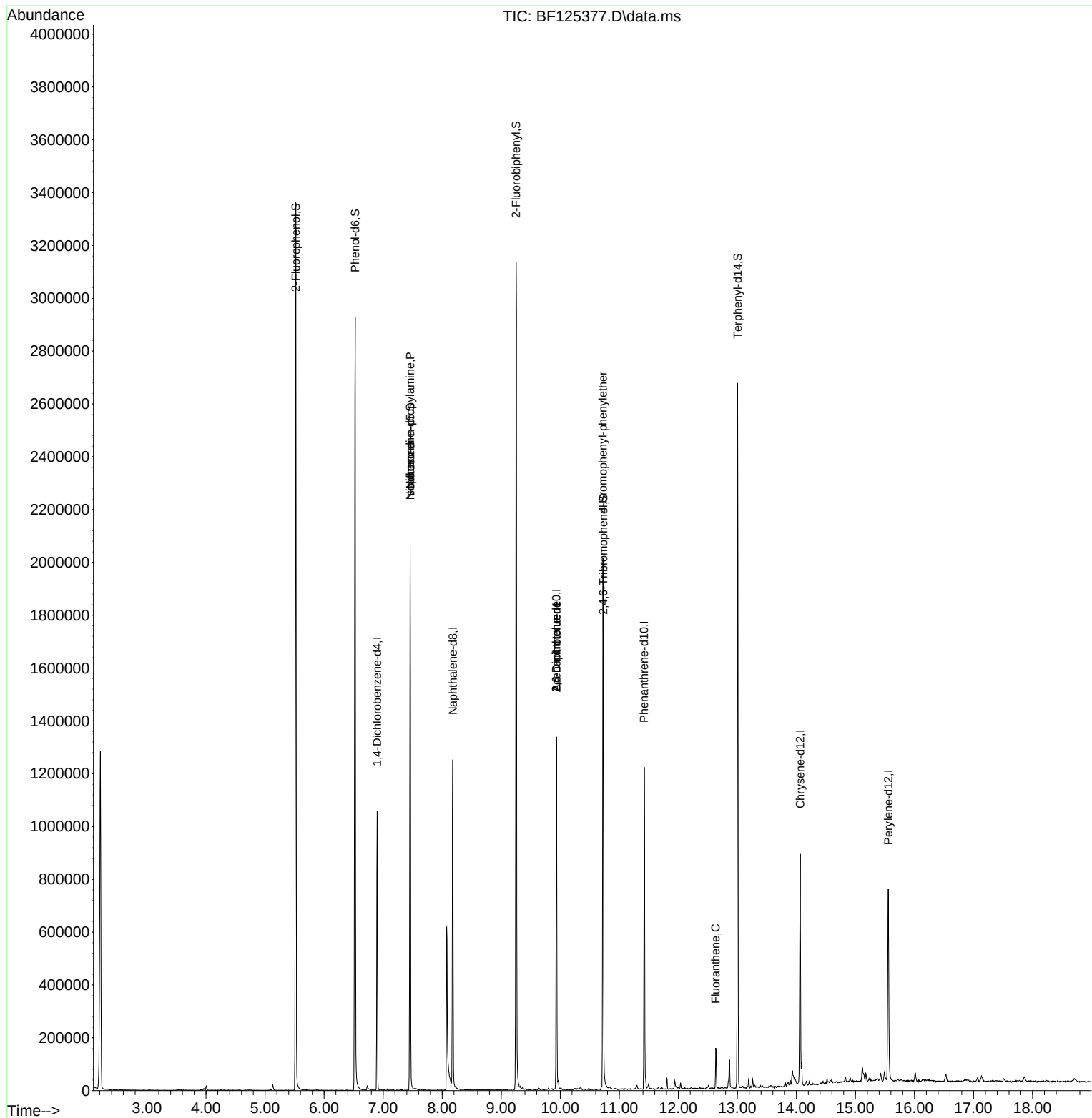
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	145261	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	548940	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	274632	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	452190	20.000	ng	0.00
76) Chrysene-d12	14.062	240	299901	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	330839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	817522	85.185	ng	0.00
7) Phenol-d6	6.528	99	1016946	81.932	ng	0.00
23) Nitrobenzene-d5	7.457	82	675712	61.970	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	268944	98.103	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1100715	55.860	ng	0.00
79) Terphenyl-d14	13.004	244	906428	48.150	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	89117	11.937	ng	# 55
25) Isophorone	7.457	82	675702	32.123	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	35917	8.703	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	35917	7.191	ng	# 19
67) 4-Bromophenyl-phenylether	10.721	248	16276	2.997	ng	# 1
75) Fluoranthene	12.633	202	67882	2.746	ng	98

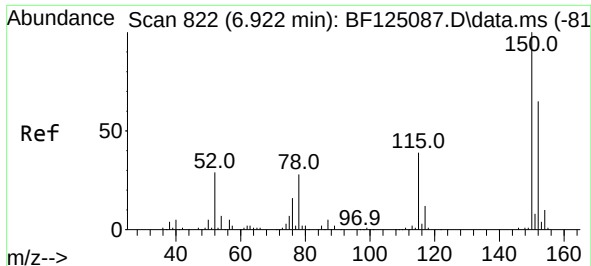
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

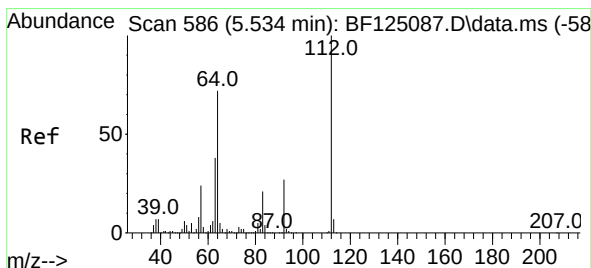
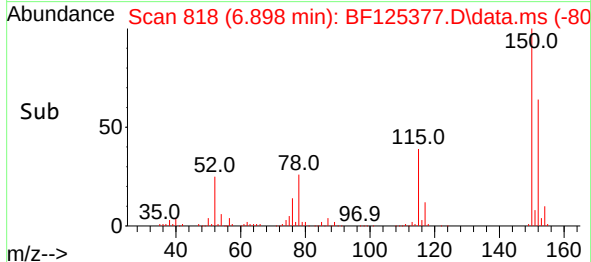
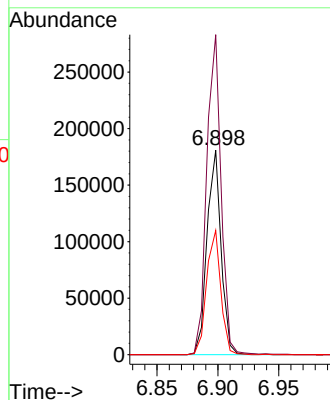
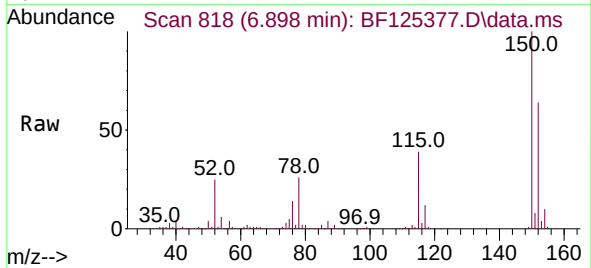




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: BF125377.D
 Acq: 4 Sep 2021 19:25

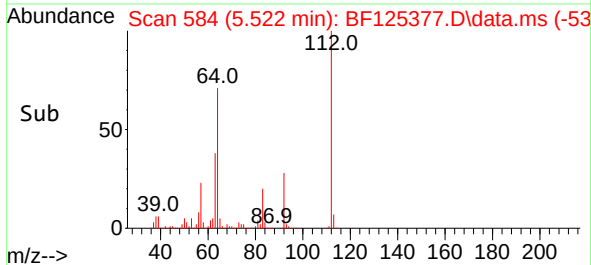
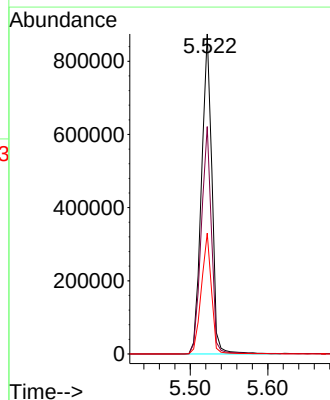
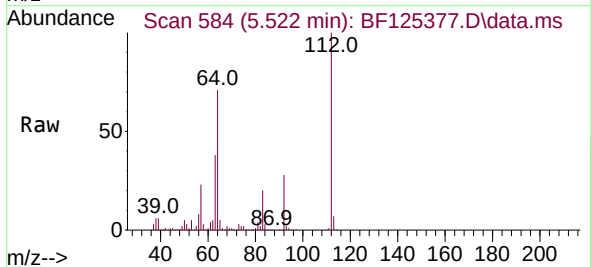
Instrument :
 BNA_F
 ClientSampleId :
 20211053-SI-COMPOSITE-2

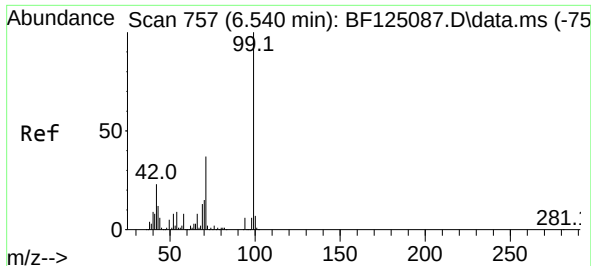
Tgt Ion:152 Resp: 145261
 Ion Ratio Lower Upper
 152 100
 150 156.5 117.6 176.4
 115 60.7 47.1 70.7



#5
 2-Fluorophenol
 Concen: 85.185 ng
 RT: 5.522 min Scan# 584
 Delta R.T. -0.000 min
 Lab File: BF125377.D
 Acq: 4 Sep 2021 19:25

Tgt Ion:112 Resp: 817522
 Ion Ratio Lower Upper
 112 100
 64 71.0 44.2 66.2#
 63 37.8 26.2 39.2

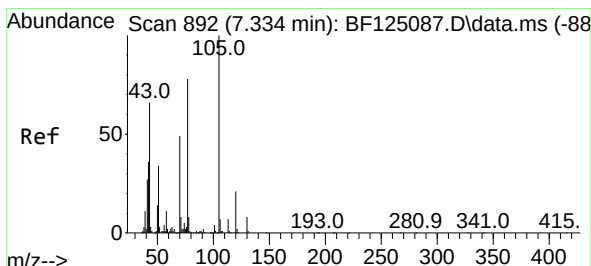
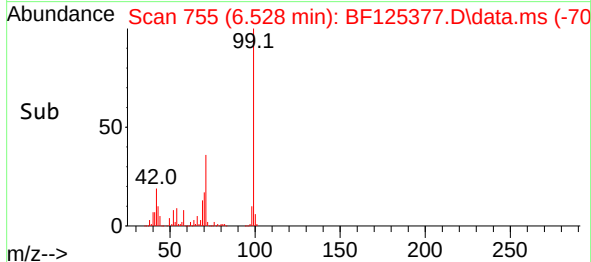
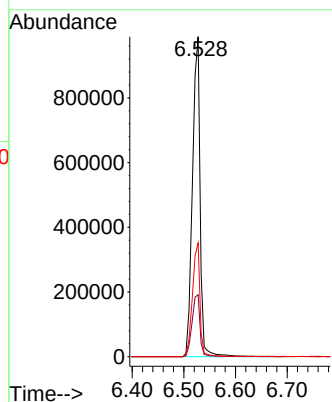
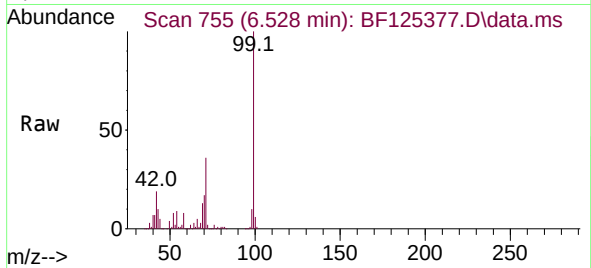




#7
Phenol-d6
Concen: 81.932 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

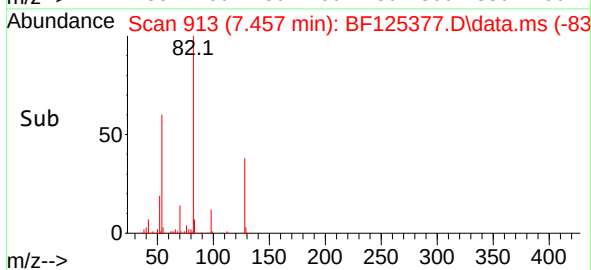
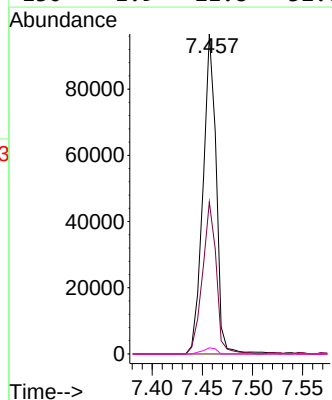
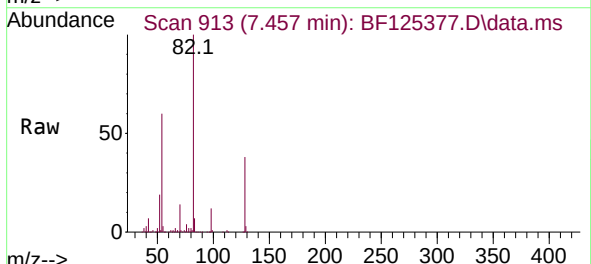
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BNA_F
ClientSampleId :
20211053-SI-COMPOSITE-2

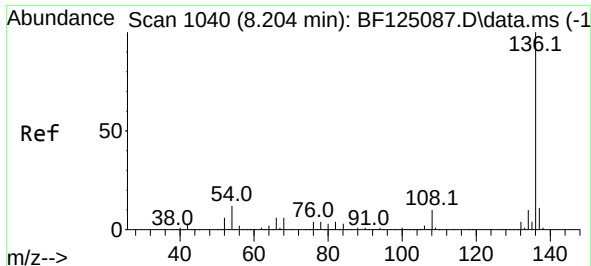
Tgt Ion: 99 Resp: 1016946
Ion Ratio Lower Upper
99 100
42 19.3 23.5 35.3#
71 35.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.937 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

Tgt Ion: 70 Resp: 89117
Ion Ratio Lower Upper
70 100
42 47.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

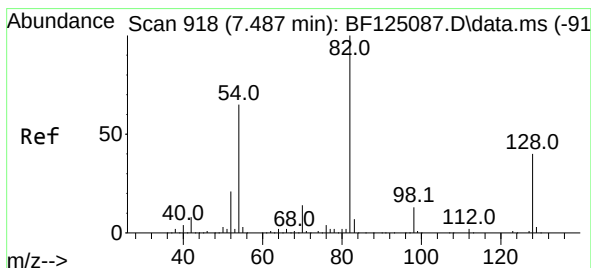
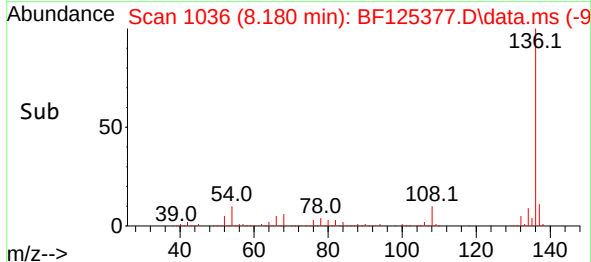
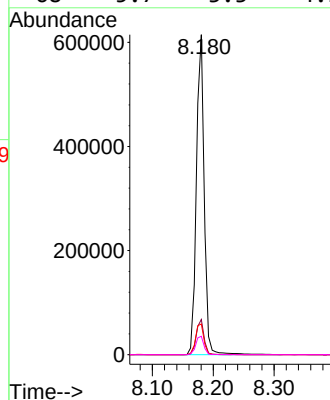
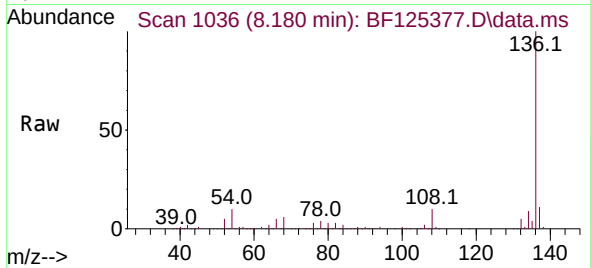




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

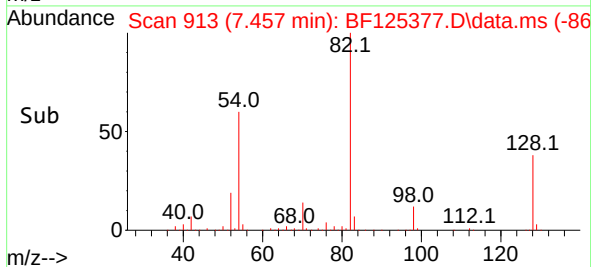
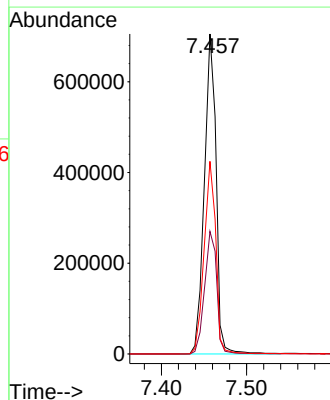
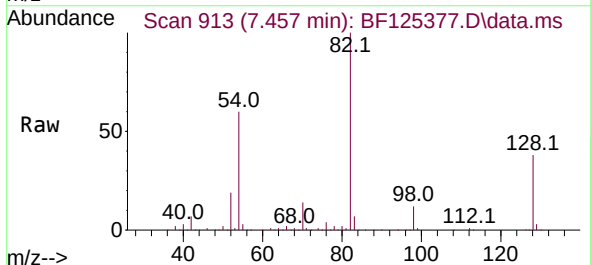
Instrument :
BNA_F
ClientSampleId :
20211053-SI-COMPOSITE-2

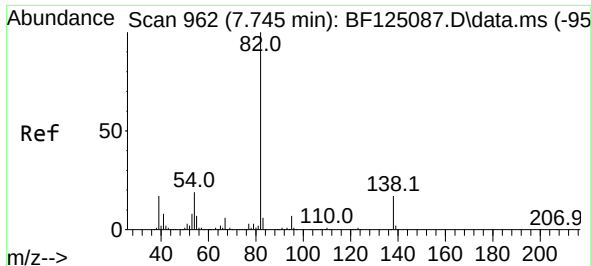
Tgt Ion:	136	Resp:	548940
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.6
54	9.6	6.4	9.6#
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 61.970 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

Tgt Ion:	82	Resp:	675712
Ion Ratio	Lower	Upper	
82	100		
128	38.3	40.6	60.8#
54	60.2	49.6	74.4

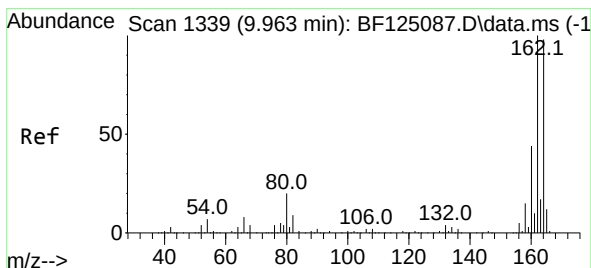
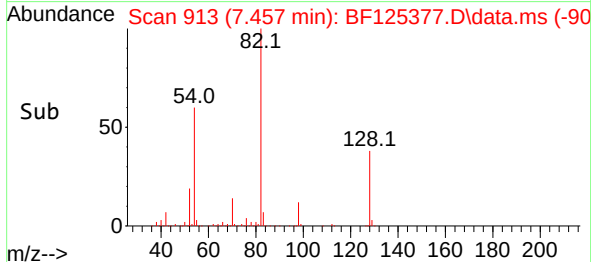
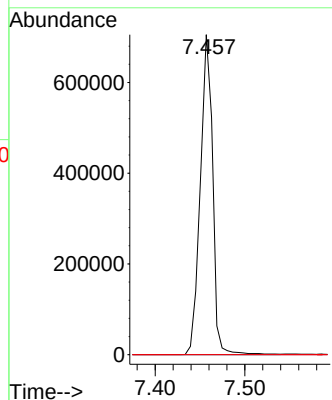
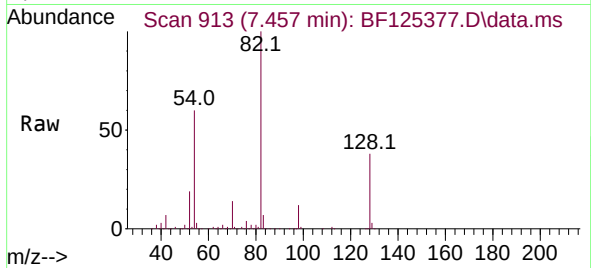




#25
Isophorone
Concen: 32.123 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

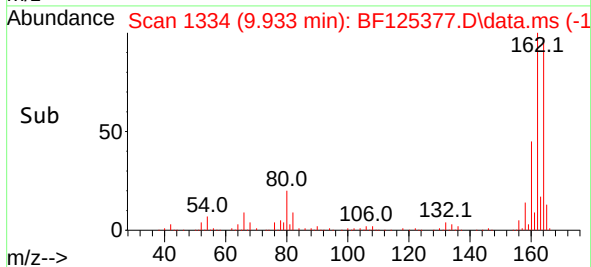
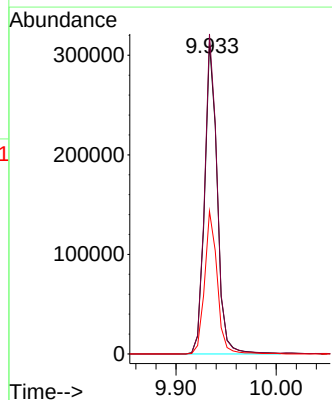
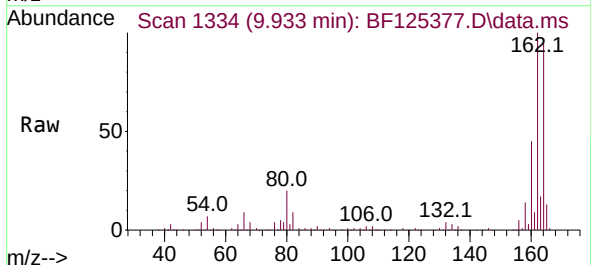
Instrument :
BNA_F
ClientSampleId :
20211053-SI-COMPOSITE-2

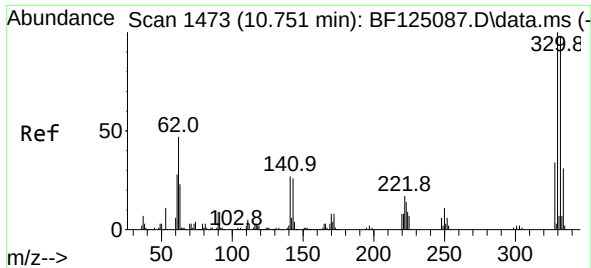
Tgt Ion: 82 Resp: 675702
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

Tgt Ion: 164 Resp: 274632
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 45.8 38.0 57.0

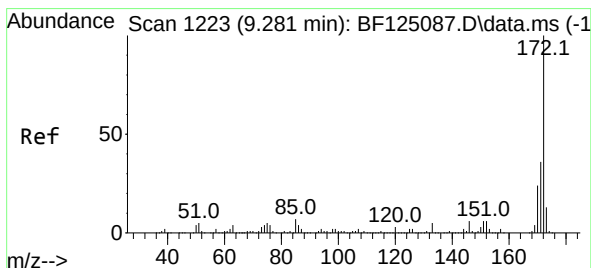
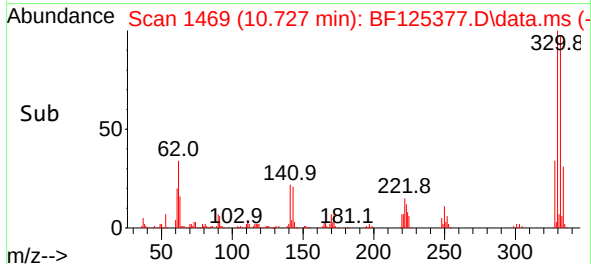
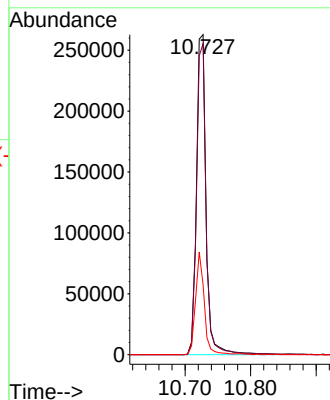
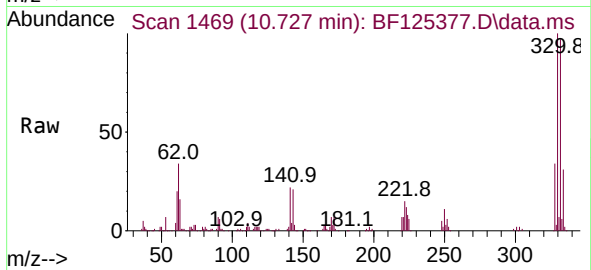




#42
2,4,6-Tribromophenol
Concen: 98.103 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

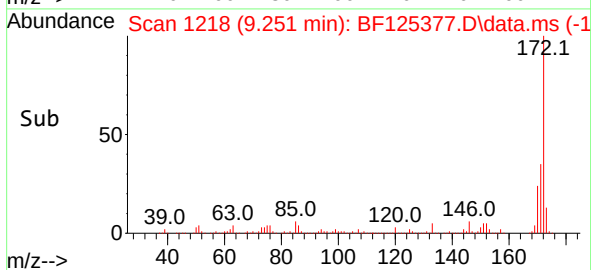
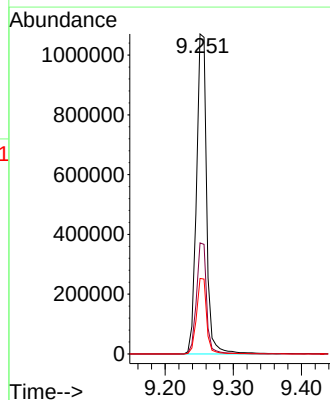
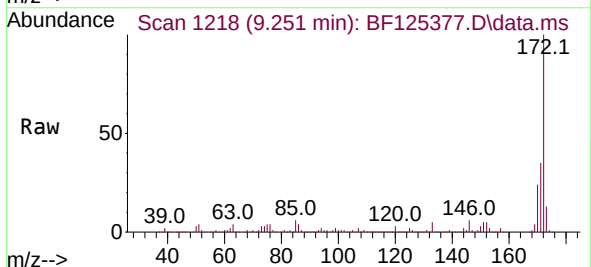
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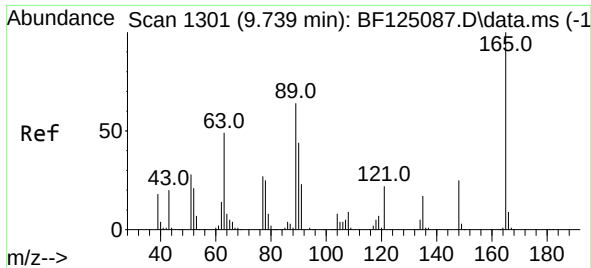
Tgt Ion:330 Resp: 268944
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 28.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 55.860 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

Tgt Ion:172 Resp: 1100715
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.6 18.8 28.2

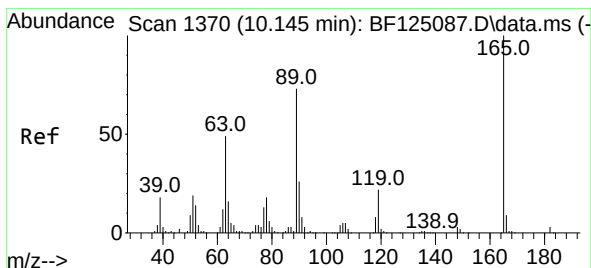
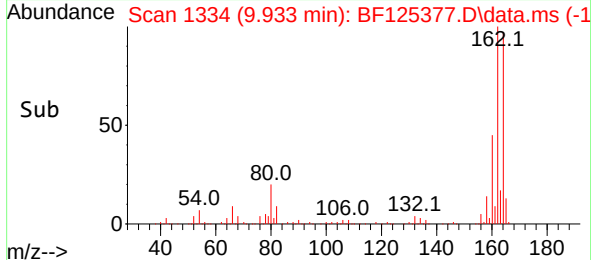
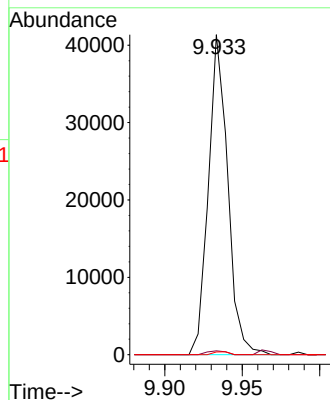
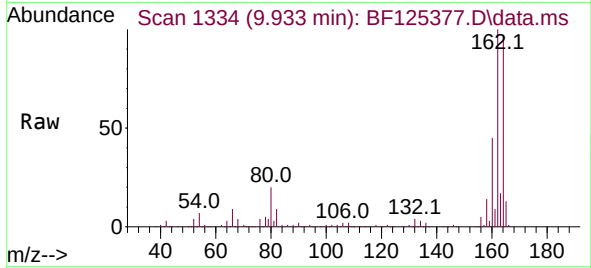




#51
2,6-Dinitrotoluene
Concen: 8.703 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

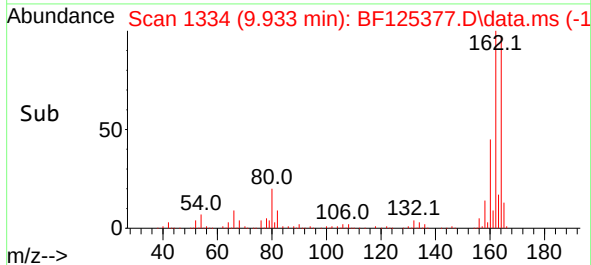
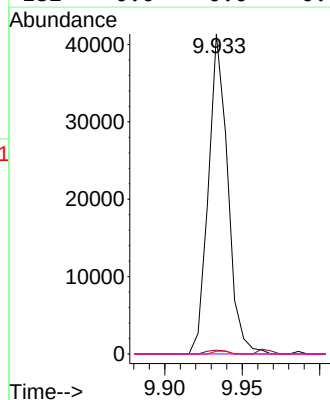
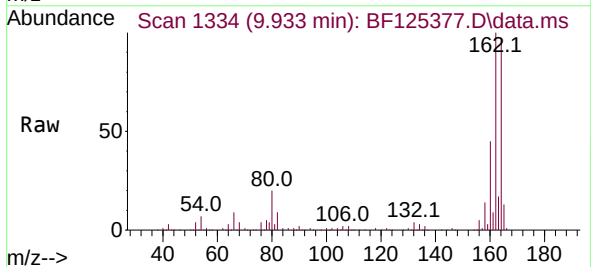
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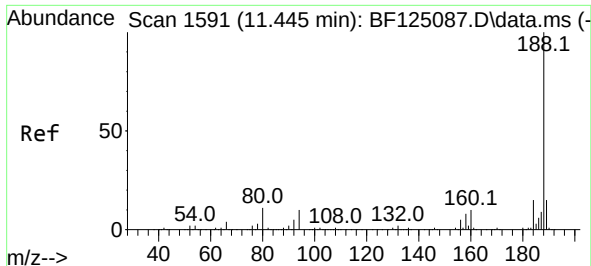
Tgt Ion:165 Resp: 35917
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.191 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

Tgt Ion:165 Resp: 35917
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

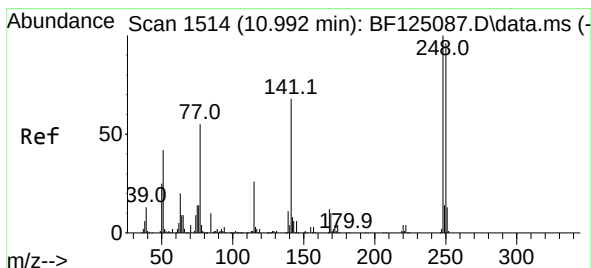
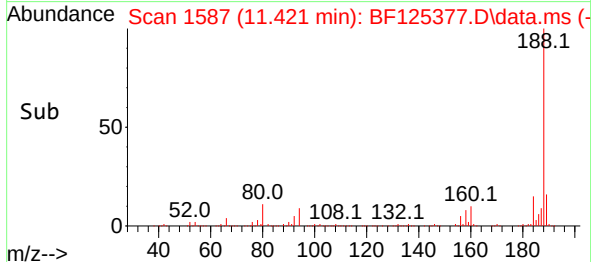
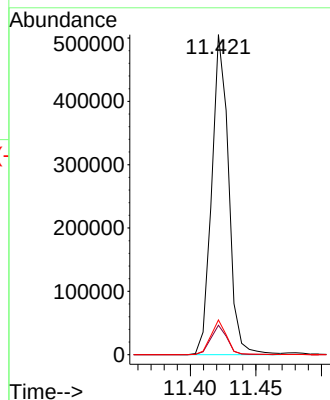
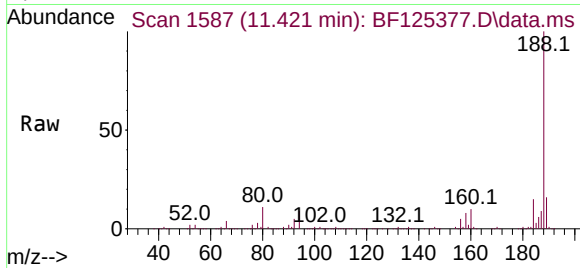




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

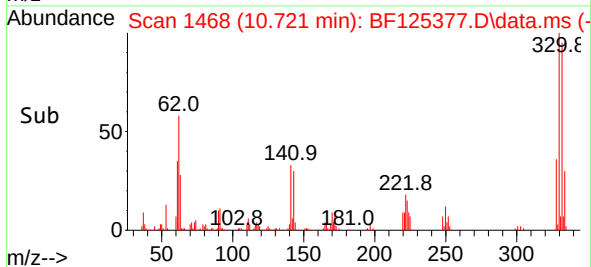
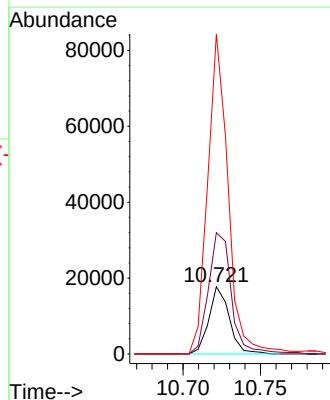
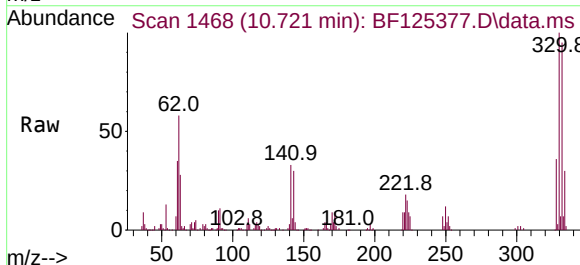
Instrument :
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20211053-SI-COMPOSITE-2

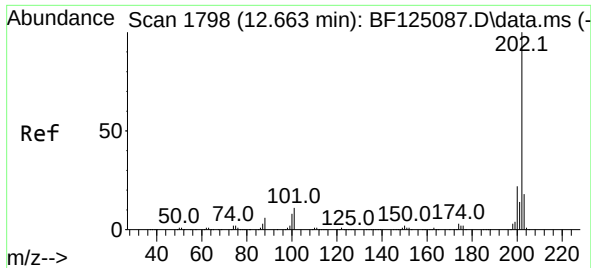
Tgt Ion:188 Resp: 452190
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.997 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

Tgt Ion:248 Resp: 16276
Ion Ratio Lower Upper
248 100
250 180.3 74.2 111.4#
141 475.6 60.4 90.6#

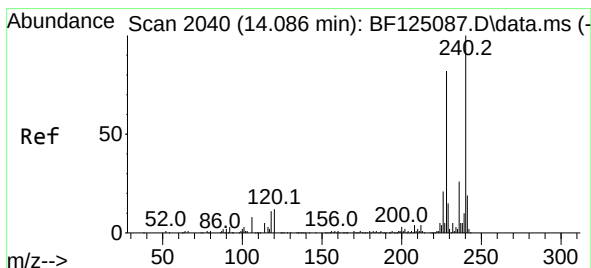
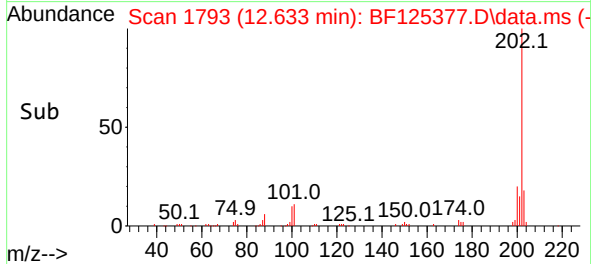
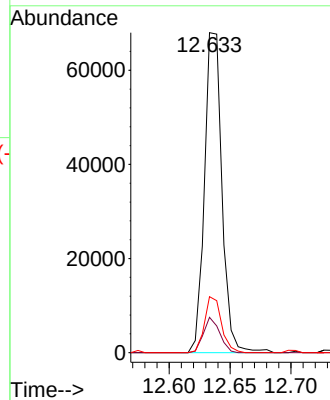
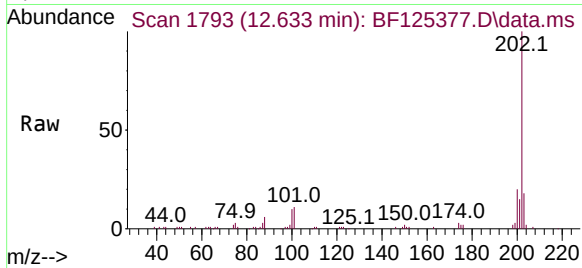




#75
Fluoranthene
Concen: 2.746 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

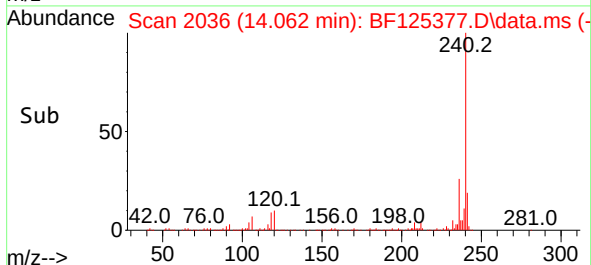
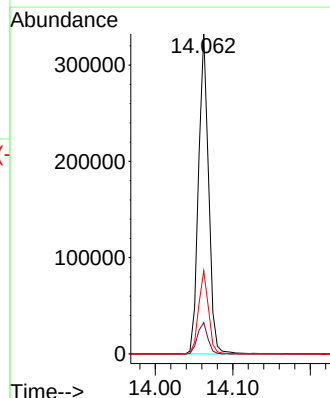
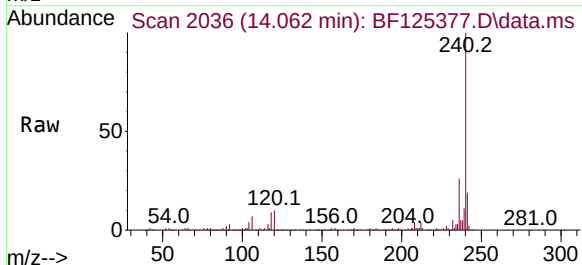
Instrument :
BNA_F
ClientSampleId :
20211053-SI-COMPOSITE-2

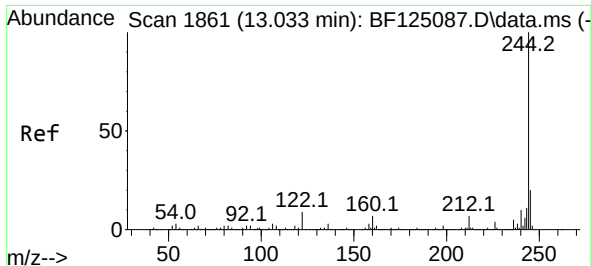
Tgt Ion:202 Resp: 67882
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.7
203 17.5 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

Tgt Ion:240 Resp: 299901
Ion Ratio Lower Upper
240 100
120 9.8 10.8 16.2#
236 26.0 21.6 32.4

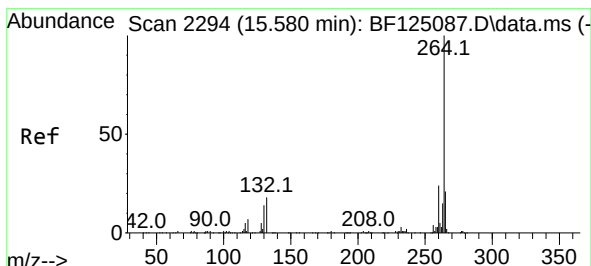
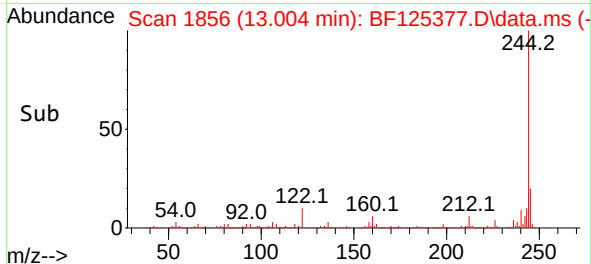
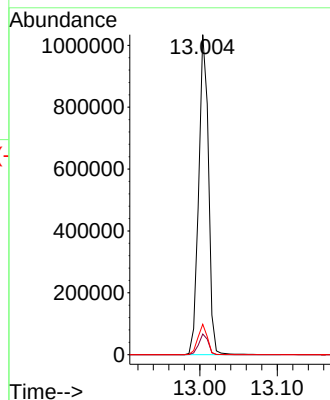
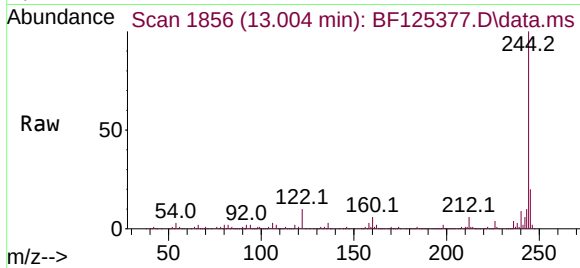




#79
Terphenyl-d14
Concen: 48.150 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

Instrument :
BNA_F
ClientSampleId :
20211053-SI-COMPOSITE-2

Tgt Ion:244 Resp: 906428
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 9.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2290
Delta R.T. -0.000 min
Lab File: BF125377.D
Acq: 4 Sep 2021 19:25

Tgt Ion:264 Resp: 330839
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 21.1 17.2 25.8

