

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
 Data File : BF125365.D
 Acq On : 4 Sep 2021 12:58
 Operator : JU/CG
 Sample : M3648-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211055-SI-COMPOSITE-4

Quant Time: Sep 06 08:27:08 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)

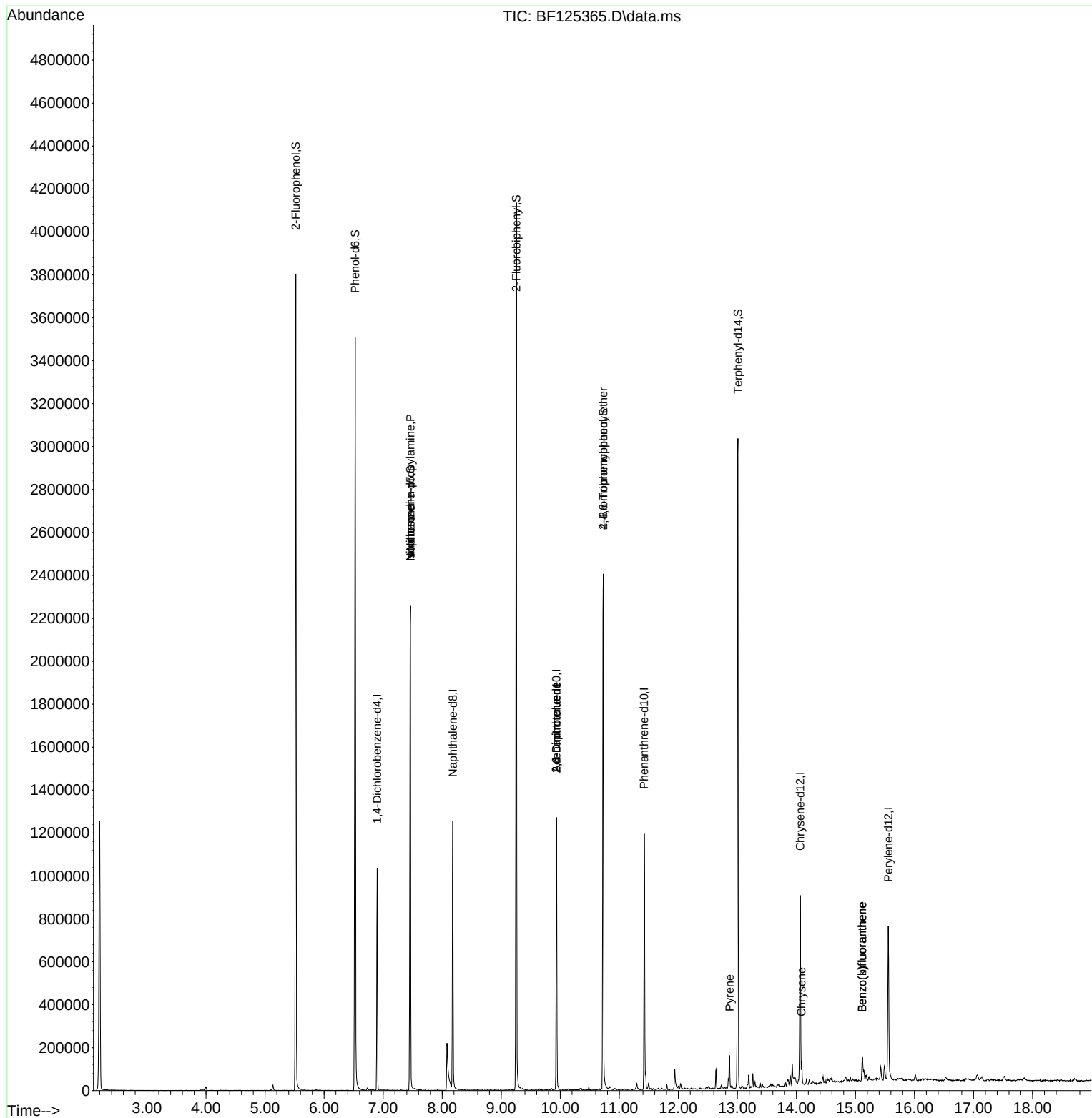
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	140242	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	530991	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	263238	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	450256	20.000	ng	0.00
76) Chrysene-d12	14.062	240	294348	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	314808	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	969215	104.605	ng	0.00
7) Phenol-d6	6.528	99	1210070	100.981	ng	0.00
23) Nitrobenzene-d5	7.463	82	790570	74.955	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	331655	126.215	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1294497	68.538	ng	0.00
79) Terphenyl-d14	13.010	244	1148403	62.155	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	105077	14.578	ng	# 56
25) Isophorone	7.463	82	790559	38.854	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	34913	8.826	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	34913	7.293	ng	# 19
67) 4-Bromophenyl-phenylether	10.727	248	19478	3.603	ng	# 1
78) Pyrene	12.868	202	67662	2.680	ng	98
83) Chrysene	14.086	228	45999	2.193	ng	96
88) Benzo(b)fluoranthene	15.115	252	86679	3.769	ng	96
89) Benzo(k)fluoranthene	15.115	252	86679	4.039	ng	99

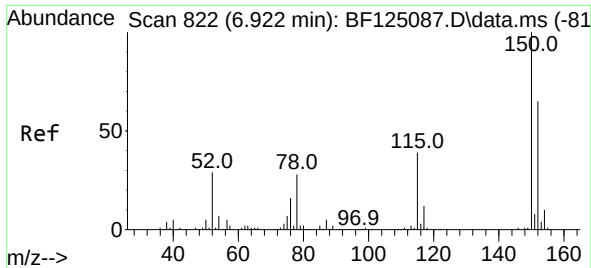
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

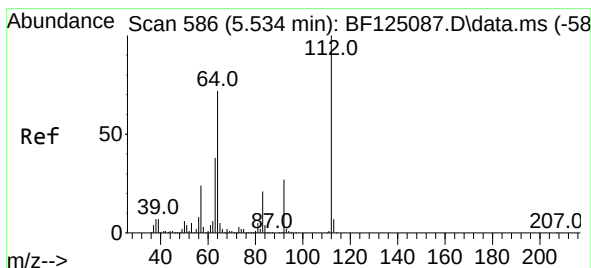
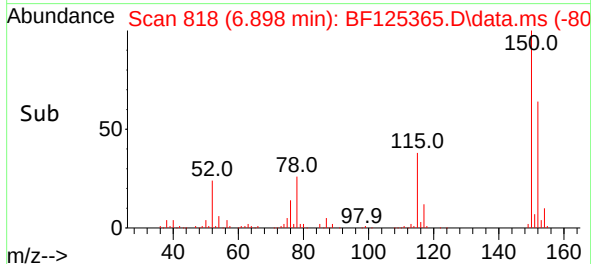
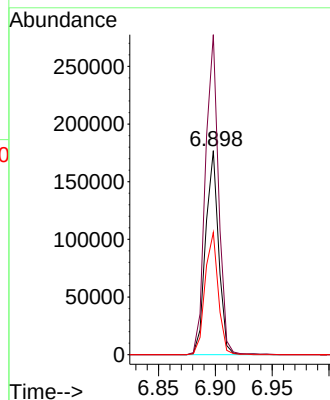
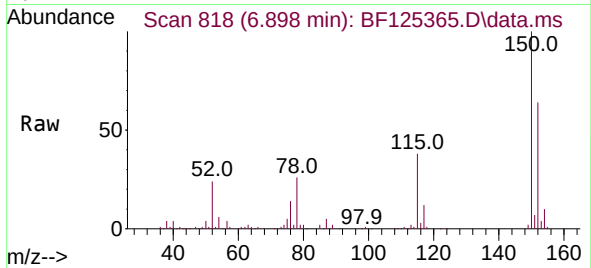




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

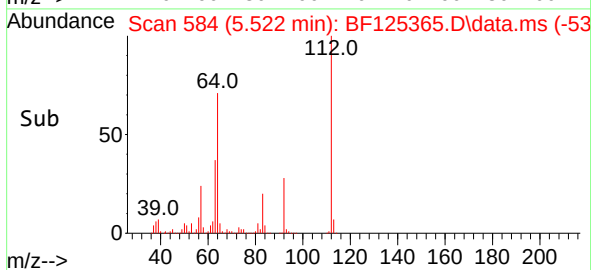
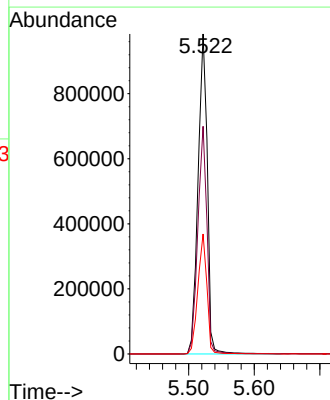
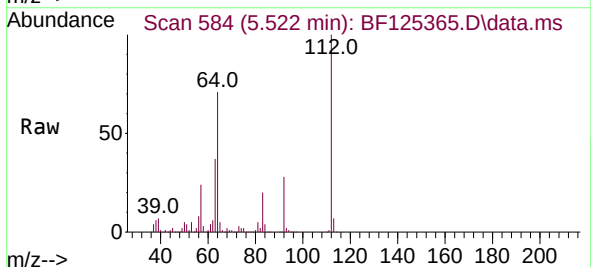
Instrument :
BNA_F
ClientSampleId :
20211055-SI-COMPOSITE-4

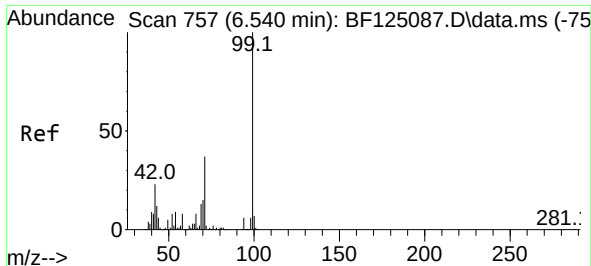
Tgt Ion:152 Resp: 140242
Ion Ratio Lower Upper
152 100
150 156.9 117.6 176.4
115 60.0 47.1 70.7



#5
2-Fluorophenol
Concen: 104.605 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.000 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

Tgt Ion:112 Resp: 969215
Ion Ratio Lower Upper
112 100
64 71.1 44.2 66.2#
63 37.5 26.2 39.2

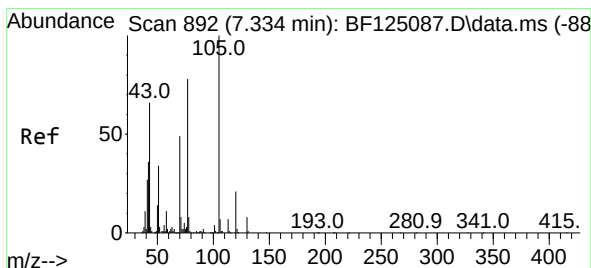
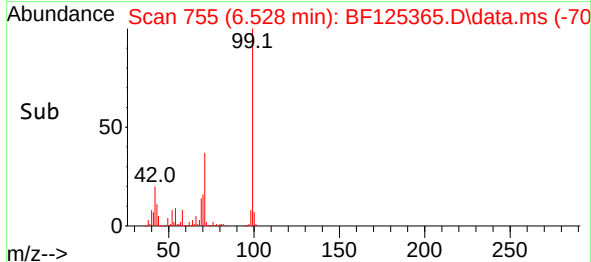
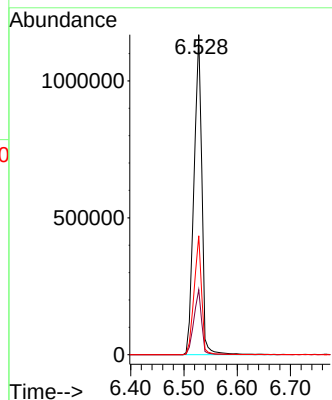
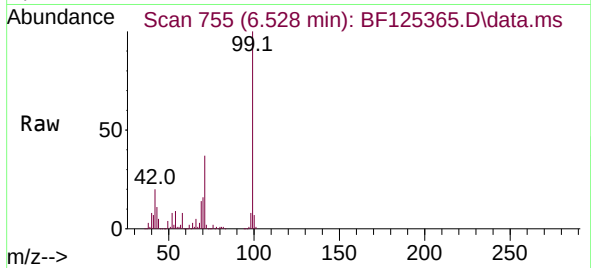




#7
Phenol-d6
Concen: 100.981 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

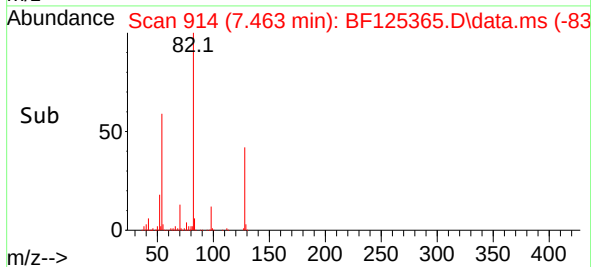
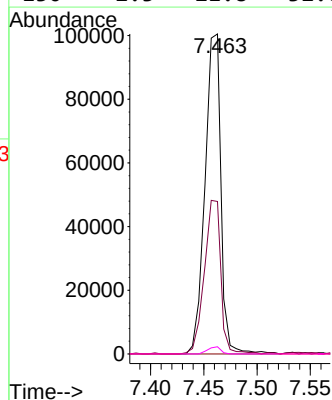
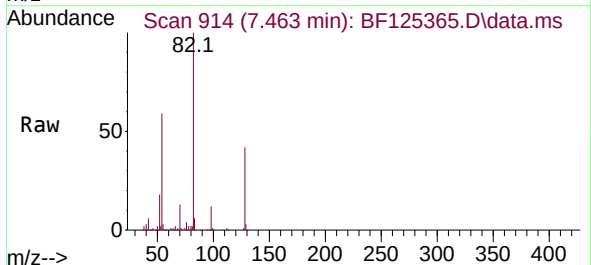
Instrument :
BNA_F
ClientSampleId :
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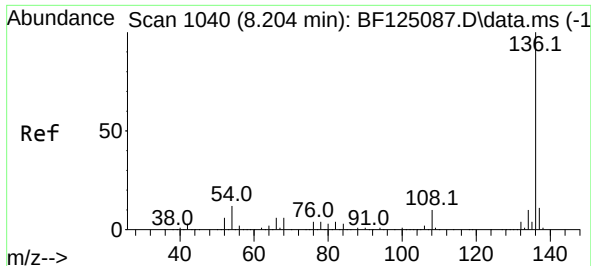
Tgt Ion: 99 Resp: 1210070
Ion Ratio Lower Upper
99 100
42 20.3 23.5 35.3#
71 37.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.578 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.153 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

Tgt Ion: 70 Resp: 105077
Ion Ratio Lower Upper
70 100
42 47.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

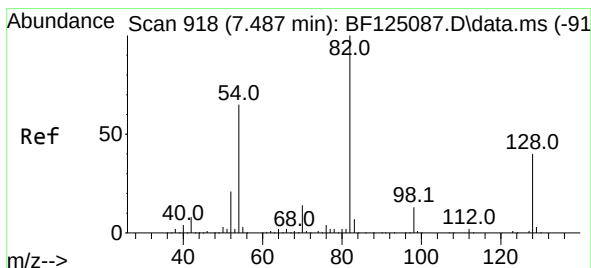
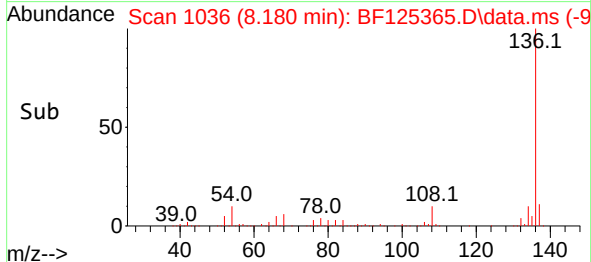
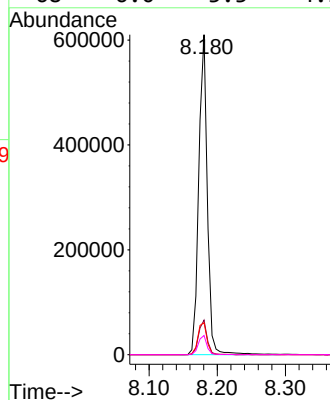
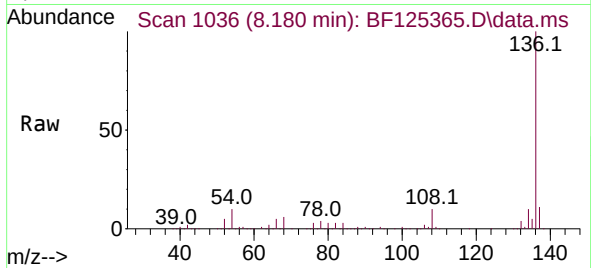




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

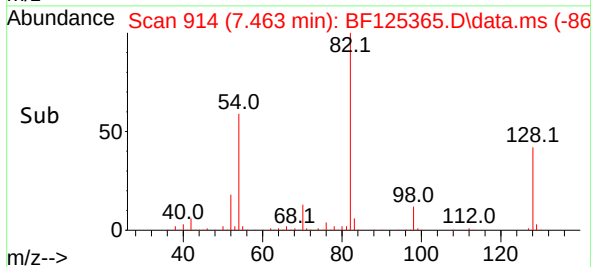
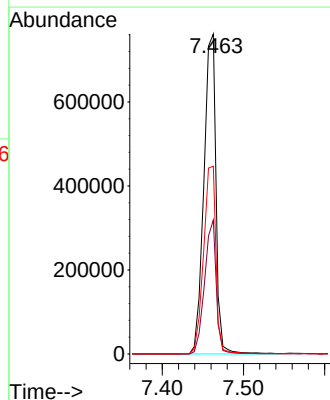
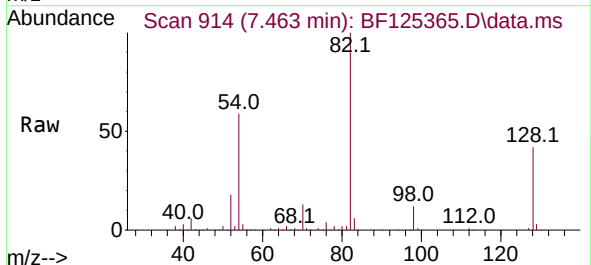
Instrument :
BNA_F
ClientSampleId :
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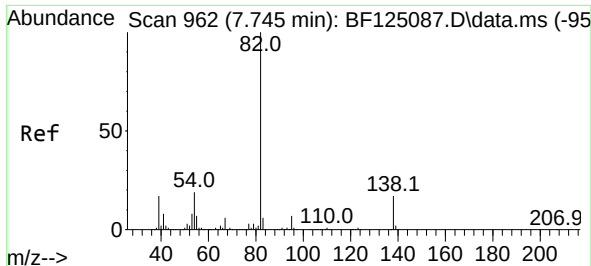
Tgt Ion:136	Resp: 530991
Ion Ratio	Lower Upper
136 100	
137 10.8	9.8 14.6
54 10.0	6.4 9.6#
68 6.0	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 74.955 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

Tgt Ion: 82	Resp: 790570
Ion Ratio	Lower Upper
82 100	
128 41.8	40.6 60.8
54 58.7	49.6 74.4

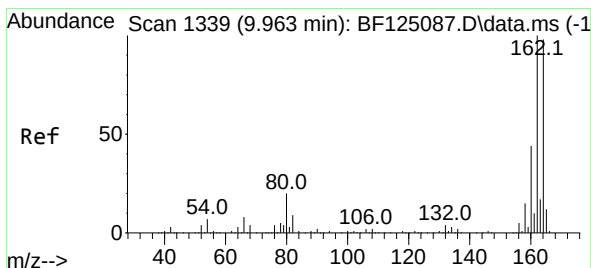
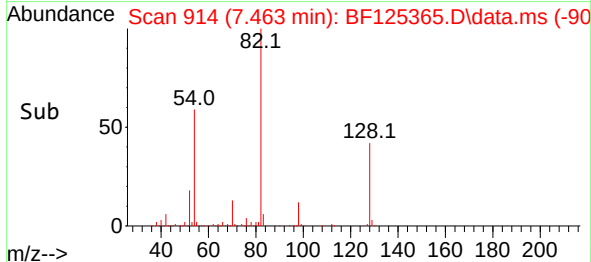
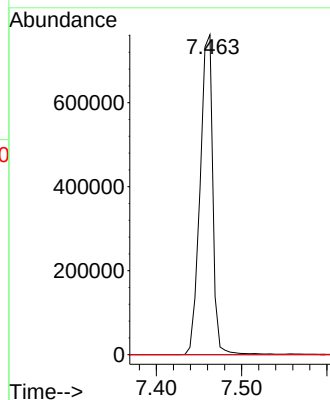
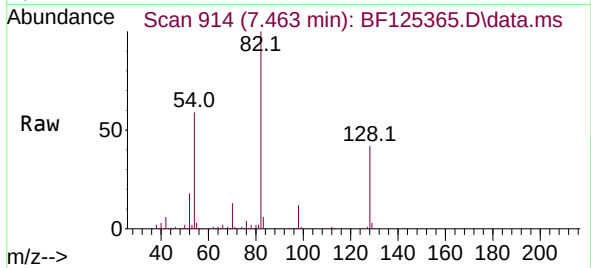




#25
Isophorone
Concen: 38.854 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

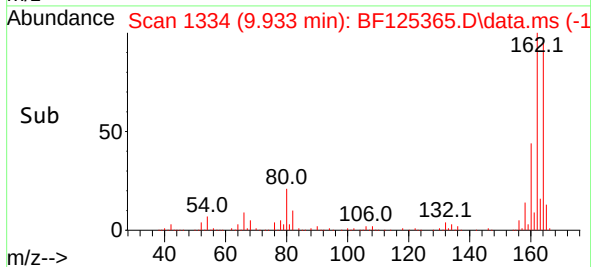
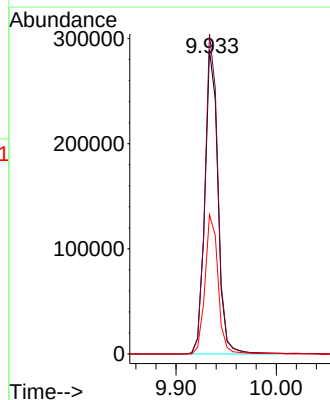
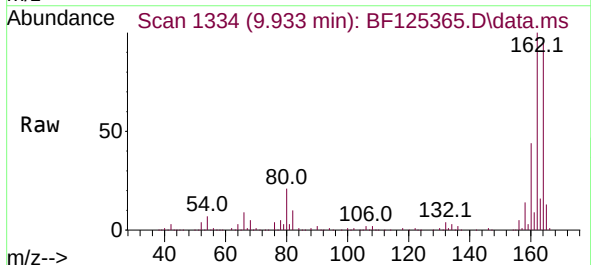
Instrument :
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ClientSampleId :
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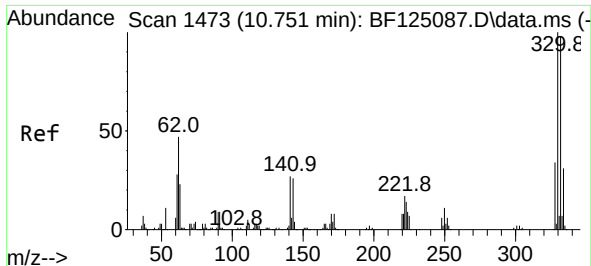
Tgt Ion: 82 Resp: 790559
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

Tgt Ion: 164 Resp: 263238
Ion Ratio Lower Upper
164 100
162 105.2 81.3 121.9
160 45.8 38.0 57.0

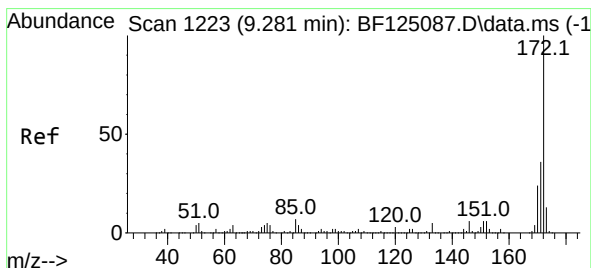
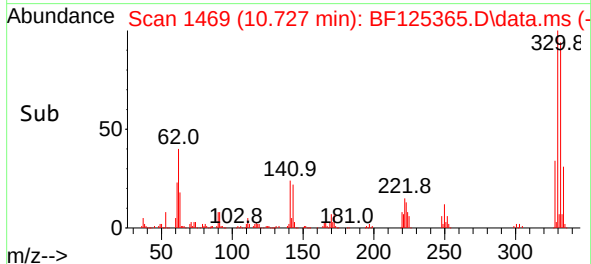
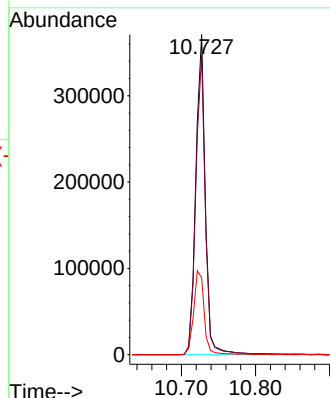
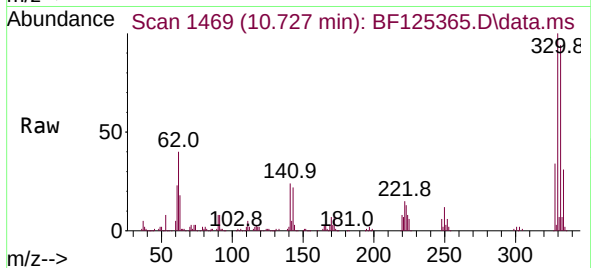




#42
2,4,6-Tribromophenol
Concen: 126.215 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

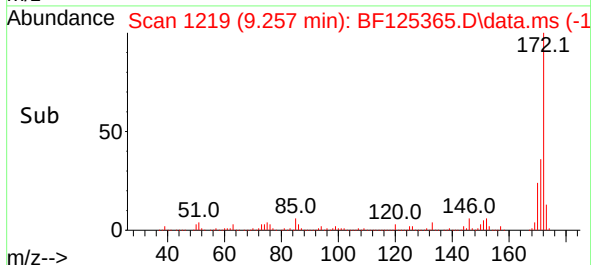
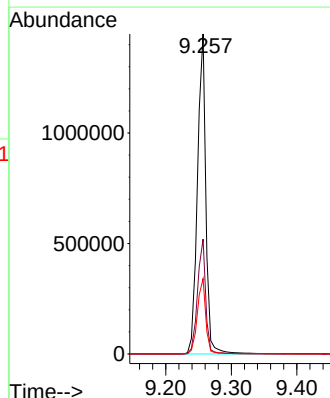
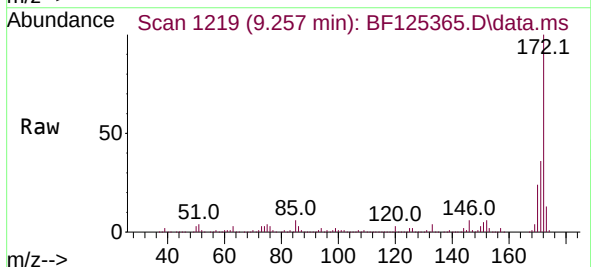
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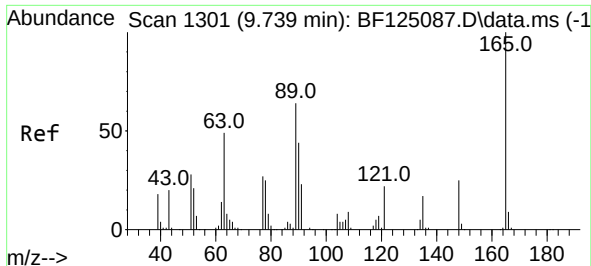
Tgt Ion:330 Resp: 331655
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 29.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 68.538 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

Tgt Ion:172 Resp: 1294497
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 23.6 18.8 28.2

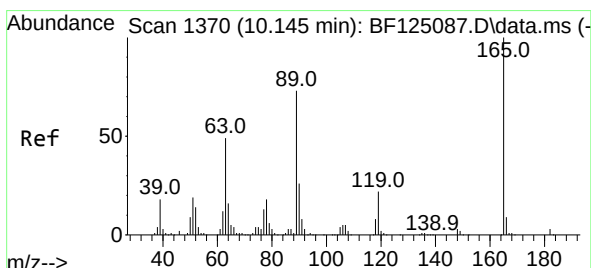
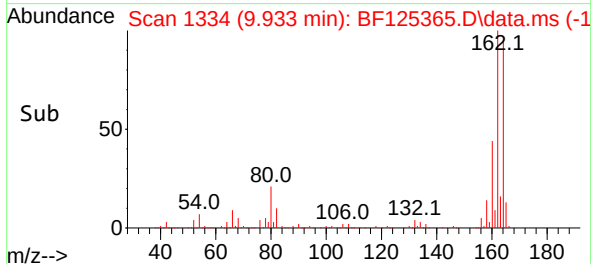
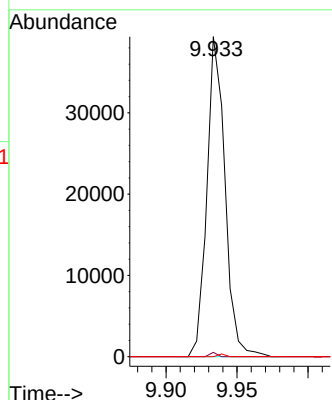
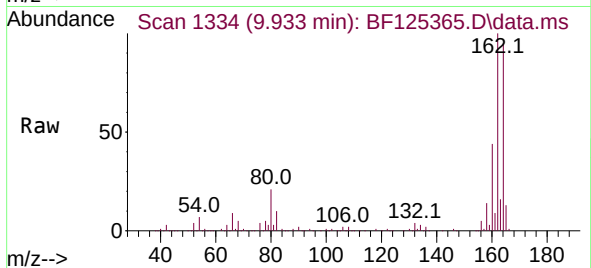




#51
2,6-Dinitrotoluene
Concen: 8.826 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

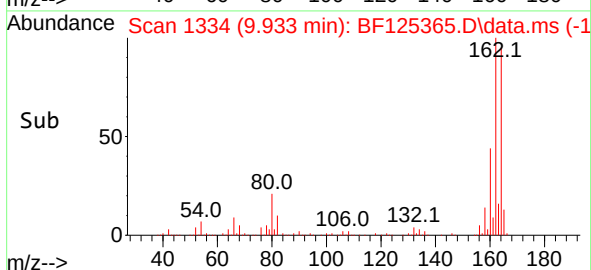
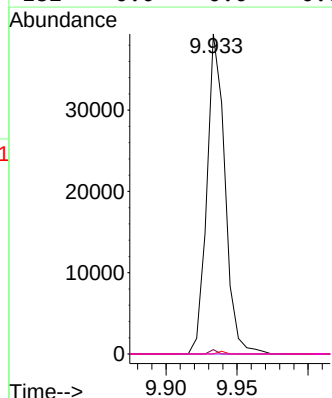
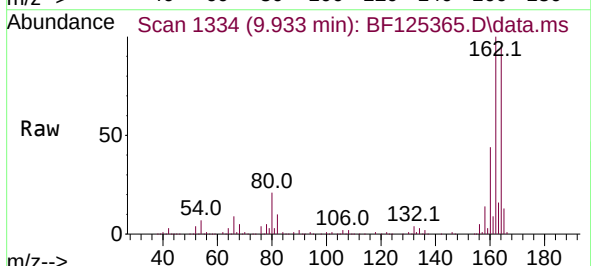
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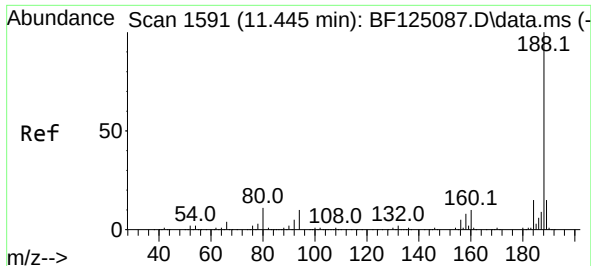
Tgt Ion:165 Resp: 34913
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.293 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

Tgt Ion:165 Resp: 34913
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

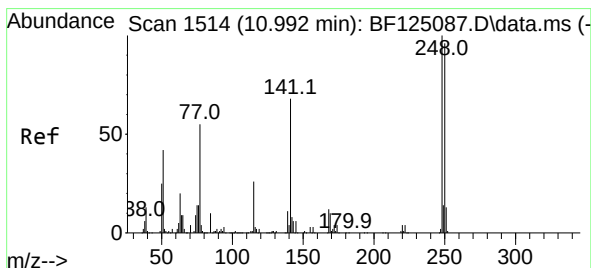
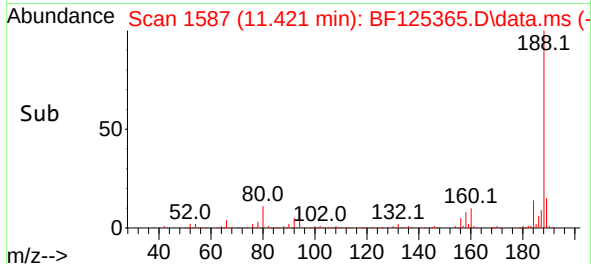
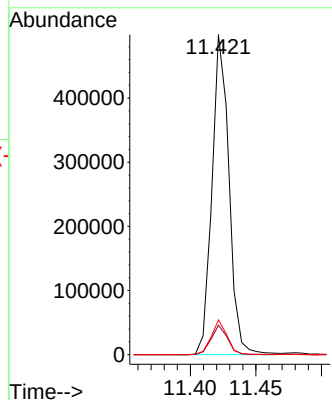
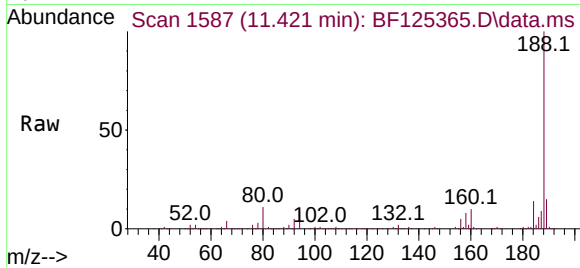




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

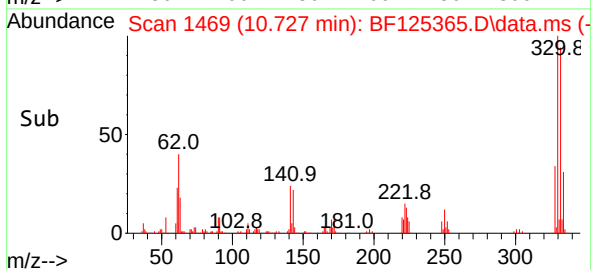
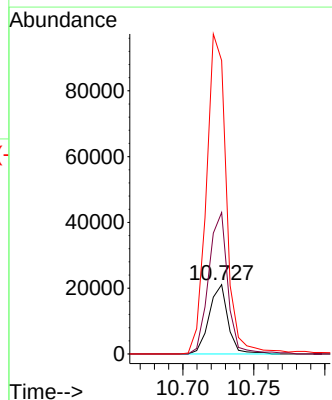
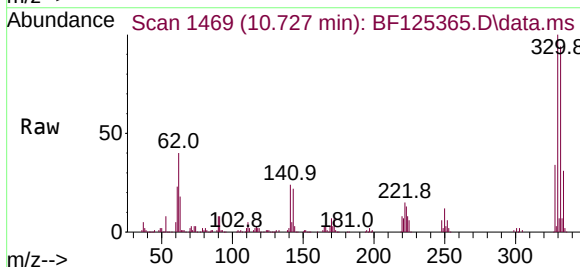
Instrument :
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20211055-SI-COMPOSITE-4

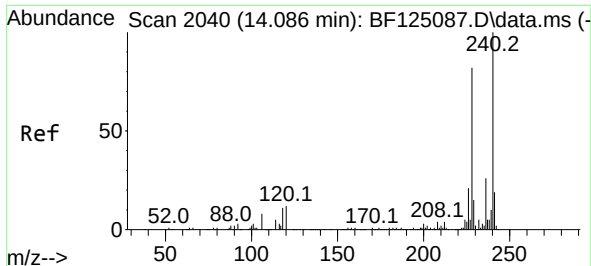
Tgt Ion:188 Resp: 450256
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.603 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.241 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

Tgt Ion:248 Resp: 19478
Ion Ratio Lower Upper
248 100
250 203.8 74.2 111.4#
141 423.1 60.4 90.6#

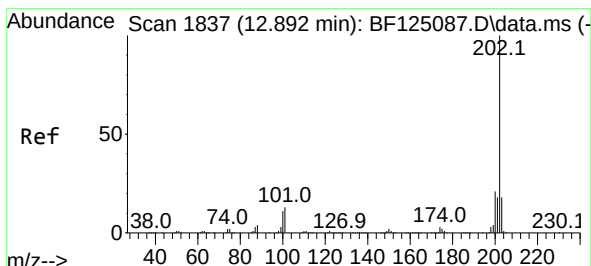
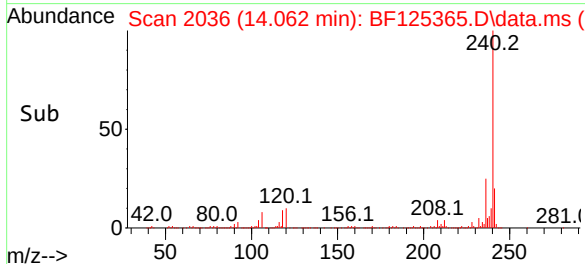
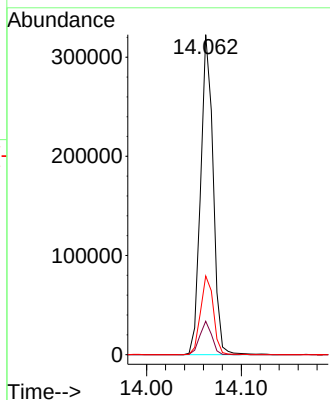
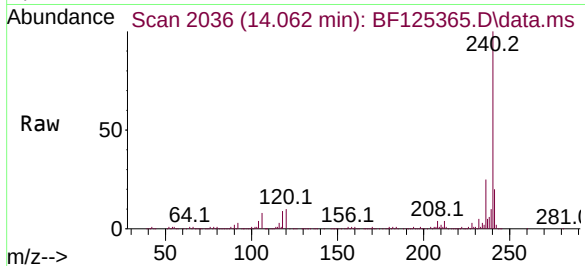




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

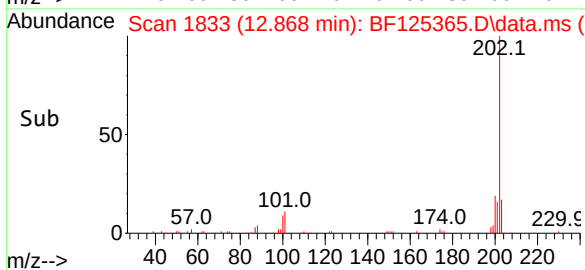
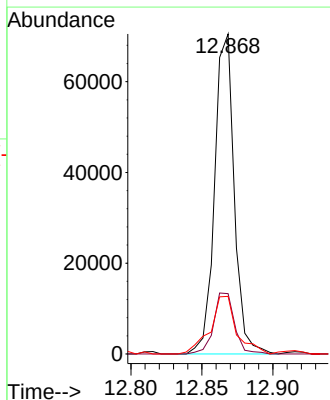
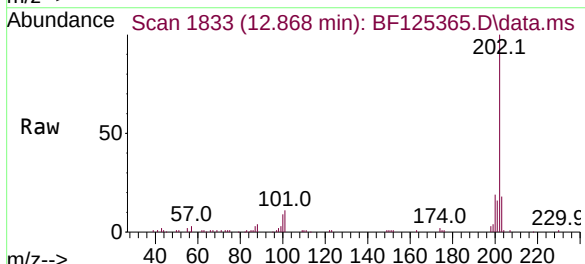
Instrument :
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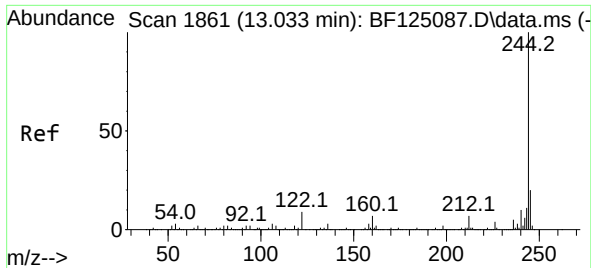
Tgt Ion:240 Resp: 294348
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 24.6 21.6 32.4



#78
Pyrene
Concen: 2.680 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF125365.D
Acq: 4 Sep 2021 12:58

Tgt Ion:202 Resp: 67662
Ion Ratio Lower Upper
202 100
200 18.9 15.3 22.9
203 18.0 13.4 20.0

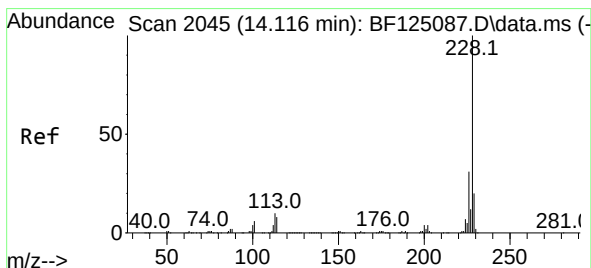
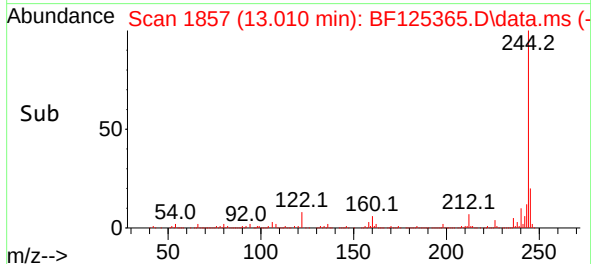
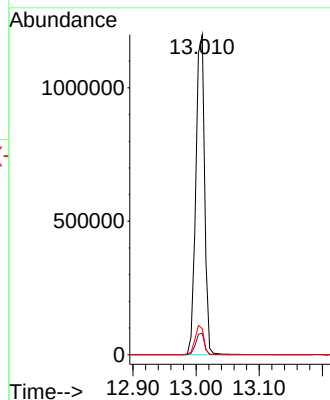
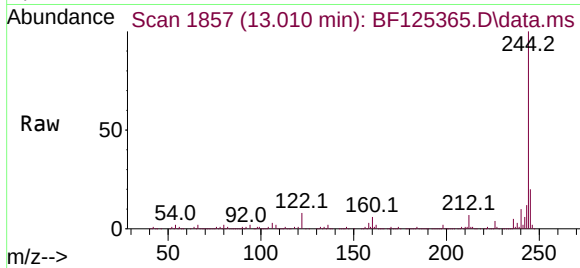




#79
 Terphenyl-d14
 Concen: 62.155 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: BF125365.D
 Acq: 4 Sep 2021 12:58

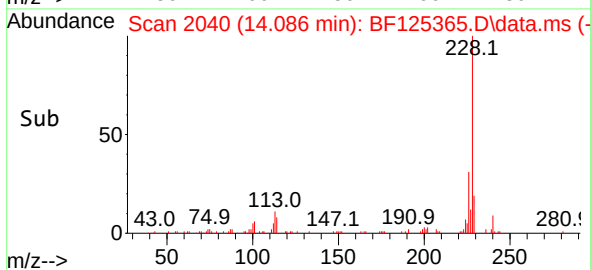
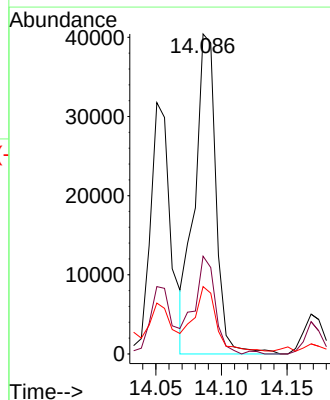
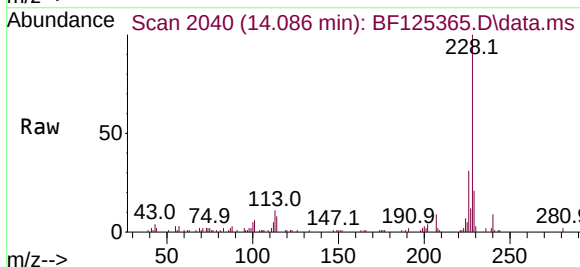
Instrument :
 BNA_F
 ClientSampleId :
 20211055-SI-COMPOSITE-4

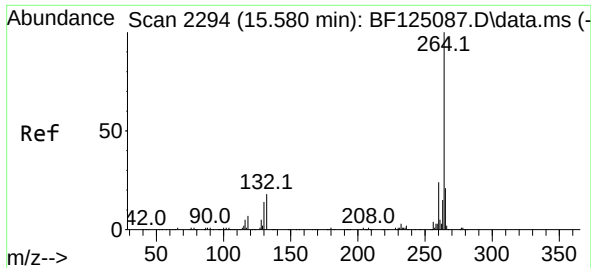
Tgt Ion:244 Resp: 1148403
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 8.1 9.0 13.4#



#83
 Chrysene
 Concen: 2.193 ng
 RT: 14.086 min Scan# 2040
 Delta R.T. -0.012 min
 Lab File: BF125365.D
 Acq: 4 Sep 2021 12:58

Tgt Ion:228 Resp: 45999
 Ion Ratio Lower Upper
 228 100
 226 30.5 22.6 34.0
 229 21.1 15.9 23.9

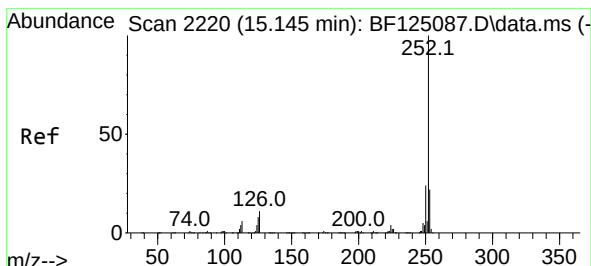
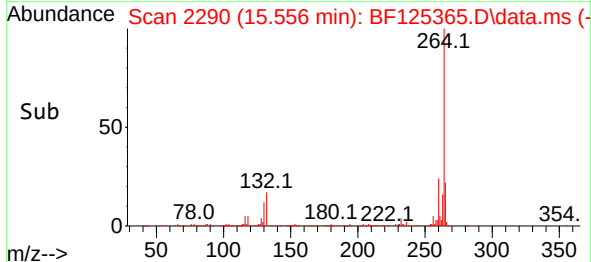
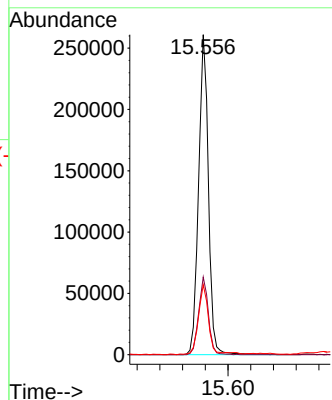
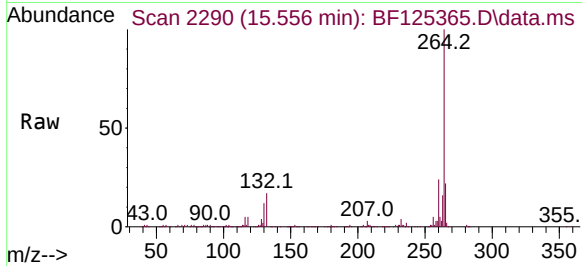




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. -0.000 min
 Lab File: BF125365.D
 Acq: 4 Sep 2021 12:58

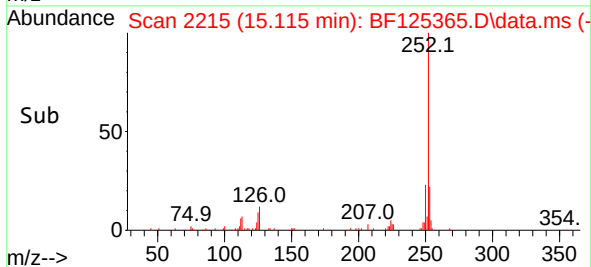
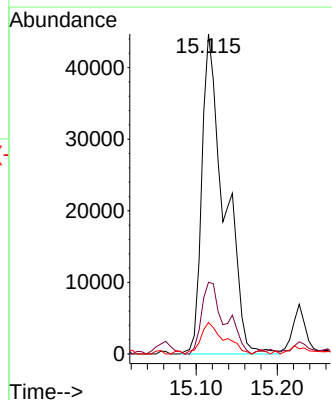
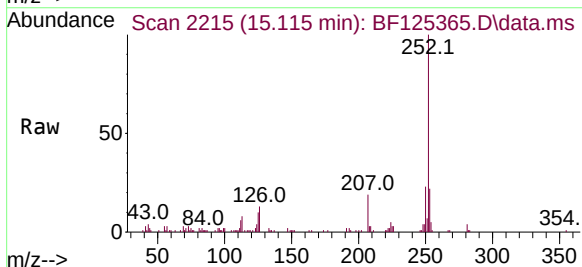
Instrument :
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 ClientSampleId :
 20211055-SI-COMPOSITE-4

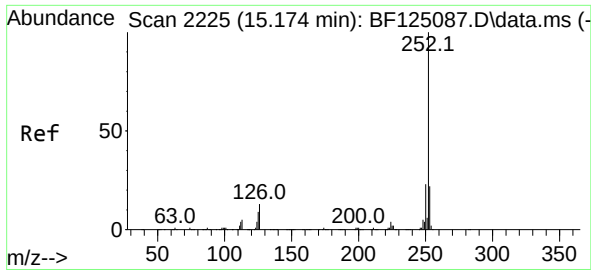
Tgt Ion:264 Resp: 314808
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.8 17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 3.769 ng
 RT: 15.115 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: BF125365.D
 Acq: 4 Sep 2021 12:58

Tgt Ion:252 Resp: 86679
 Ion Ratio Lower Upper
 252 100
 253 22.4 16.8 25.2
 125 9.9 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 4.039 ng

RT: 15.115 min Scan# 2215

Delta R.T. -0.035 min

Lab File: BF125365.D

Acq: 4 Sep 2021 12:58

Tgt Ion:252 Resp: 86679

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 9.9 7.2 10.8

Instrument :

BNA_F

ClientSampleId :

20211055-SI-COMPOSITE-4

