

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
 Data File : BF125547.D
 Acq On : 21 Sep 2021 21:16
 Operator : JU/CG
 Sample : M3804-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-091721

Quant Time: Sep 22 04:03:07 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)

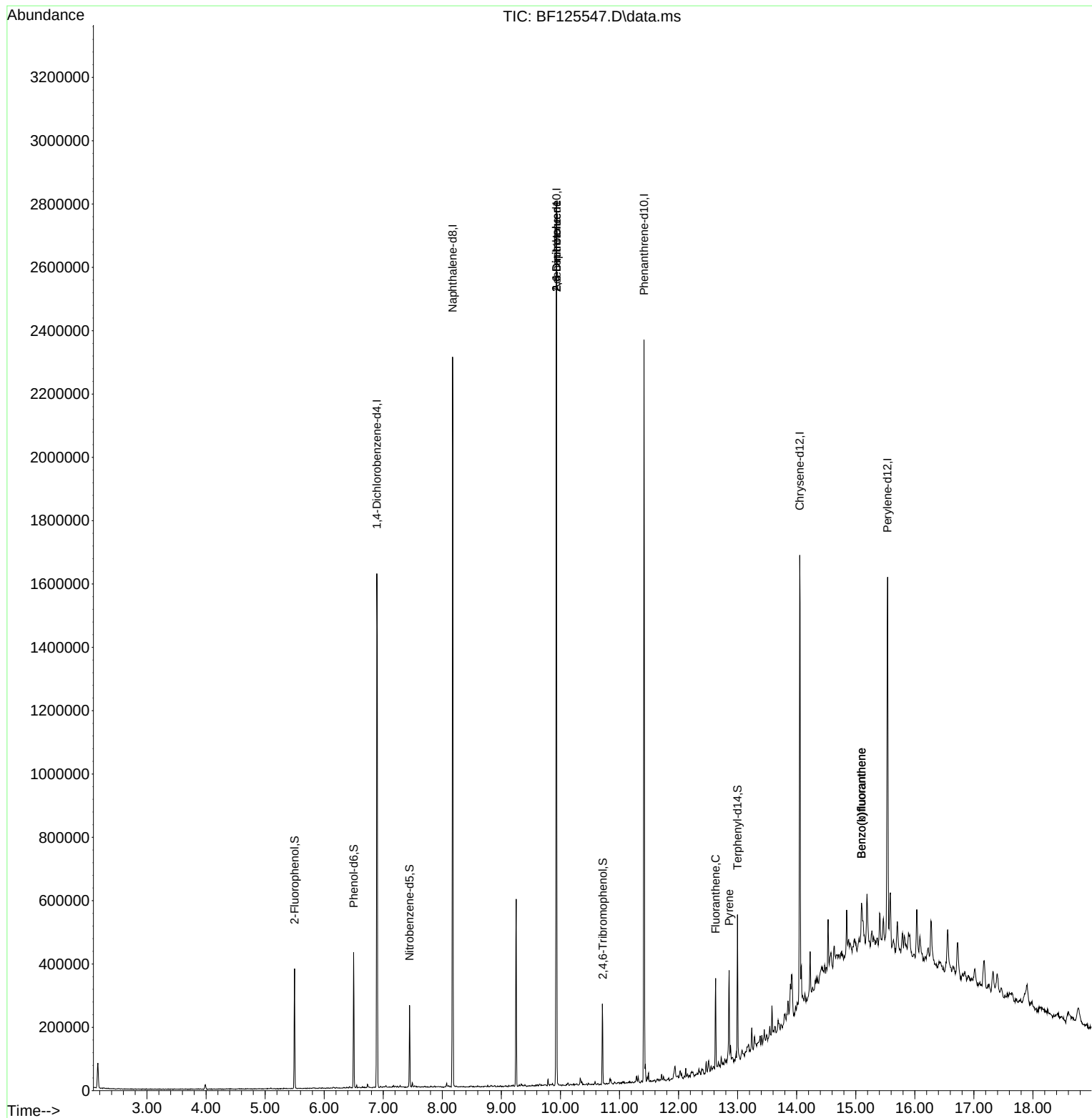
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	251896	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1048385	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	536558	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	816440	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	467862	20.000	ng	-0.01
86) Perylene-d12	15.539	264	511757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	99162	6.225	ng	-0.01
7) Phenol-d6	6.498	99	127198	6.193	ng	-0.02
23) Nitrobenzene-d5	7.445	82	68269	4.153	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	27884	5.306	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	170839	-6.384	ng	-0.01
79) Terphenyl-d14	12.998	244	125715	4.339	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	111	Below Cal	#	1
51) 2,6-Dinitrotoluene	9.933	165	68146	9.276	ng	# 28
57) 2,4-Dinitrotoluene	9.933	165	68146	7.740	ng	# 19
75) Fluoranthene	12.627	202	104793	2.329	ng	98
78) Pyrene	12.857	202	110391	2.518	ng	97
88) Benzo(b)fluoranthene	15.098	252	94068	2.513	ng	# 89
89) Benzo(k)fluoranthene	15.098	252	94068	2.748	ng	# 89

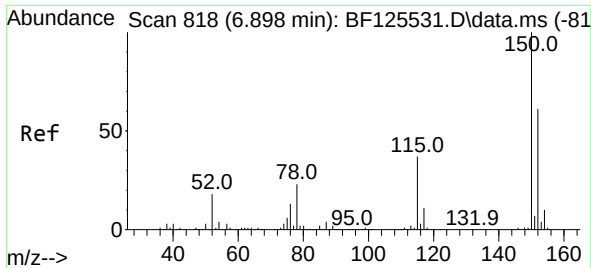
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 21 Sample Multiplier: 1

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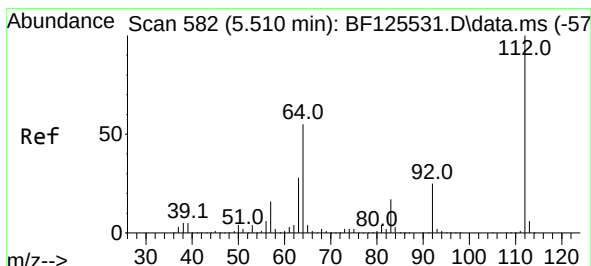
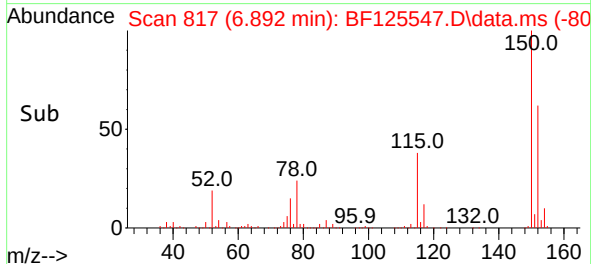
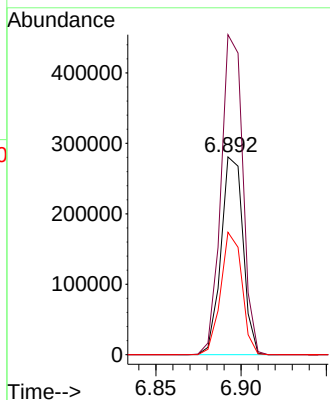
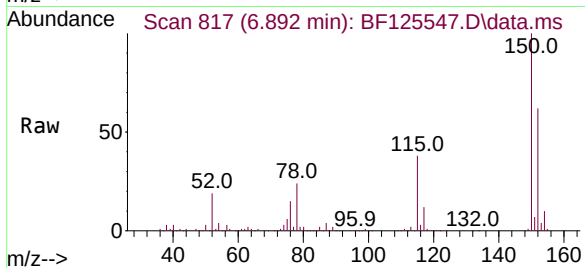




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

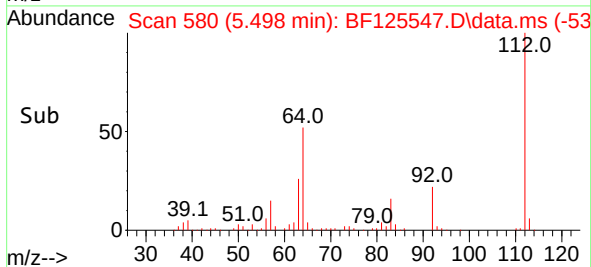
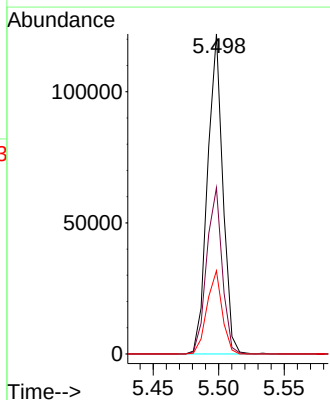
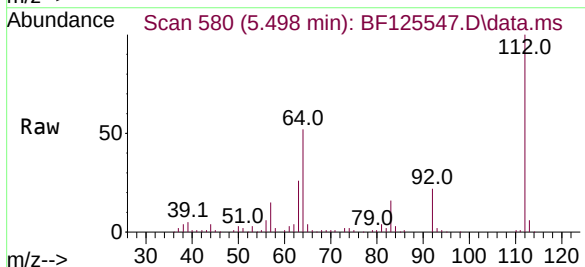
Instrument :
BNA_F
ClientSampleId :
CL-01-091721

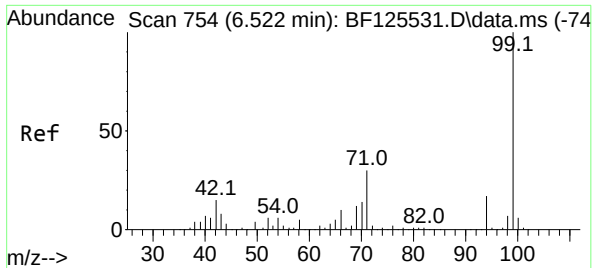
Tgt Ion:152 Resp: 251896
Ion Ratio Lower Upper
152 100
150 161.7 117.6 176.4
115 61.9 47.1 70.7



#5
2-Fluorophenol
Concen: 6.225 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.012 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

Tgt Ion:112 Resp: 99162
Ion Ratio Lower Upper
112 100
64 52.0 44.2 66.2
63 26.0 26.2 39.2#

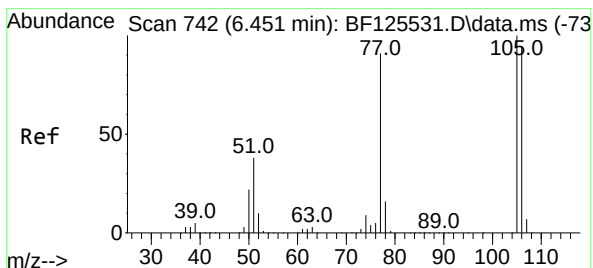
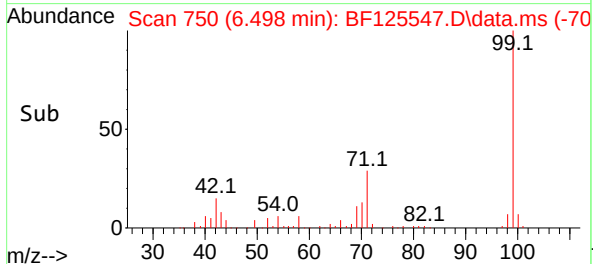
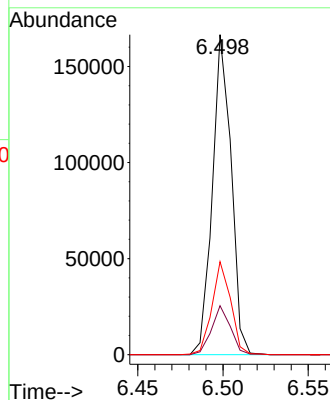
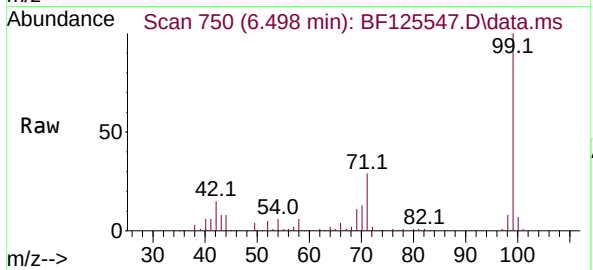




#7
Phenol-d6
Concen: 6.193 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.024 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

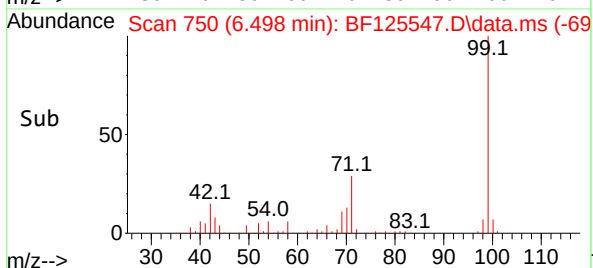
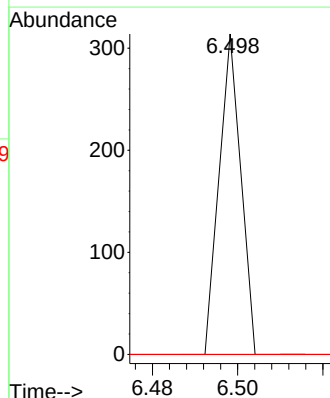
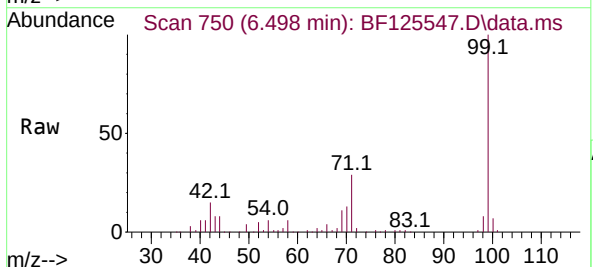
Instrument :
BNA_F
ClientSampleId :
CL-01-091721

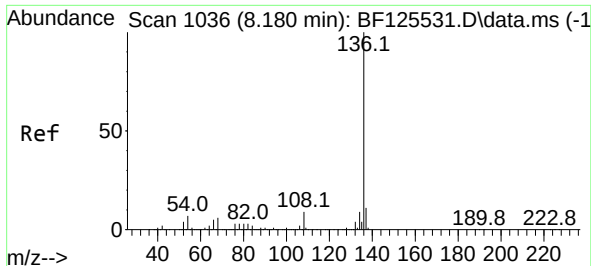
Tgt Ion: 99 Resp: 127198
Ion Ratio Lower Upper
99 100
42 15.3 23.5 35.3#
71 29.0 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 750
Delta R.T. 0.047 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

Tgt Ion: 77 Resp: 111
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

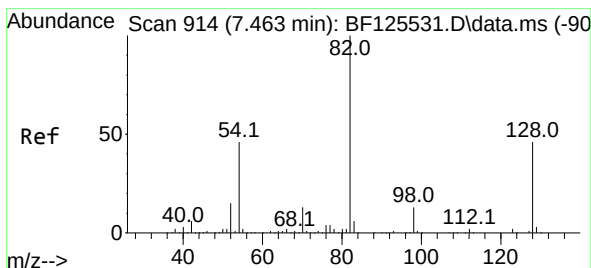
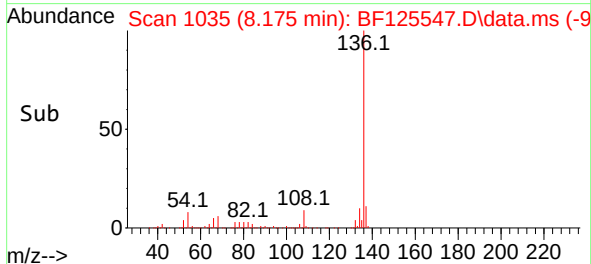
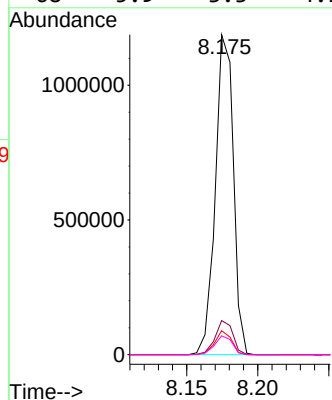
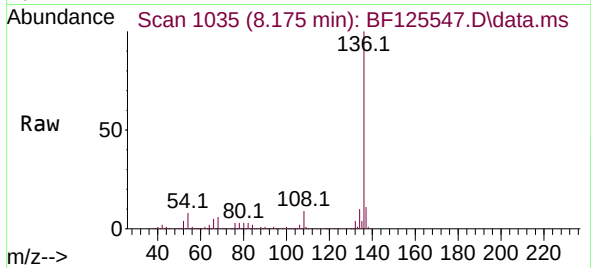




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

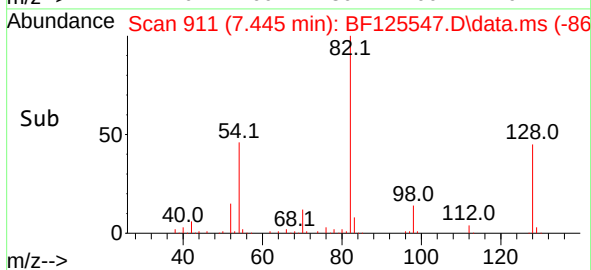
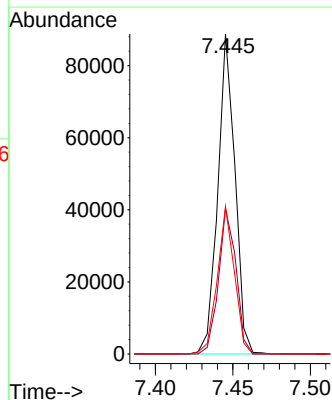
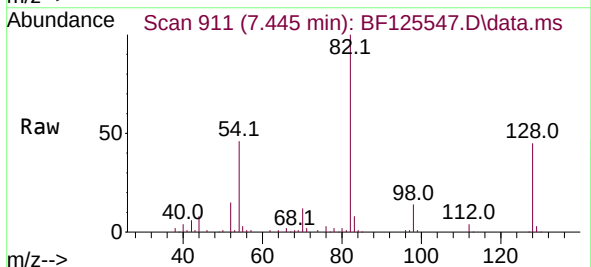
Instrument :
BNA_F
ClientSampleId :
CL-01-091721

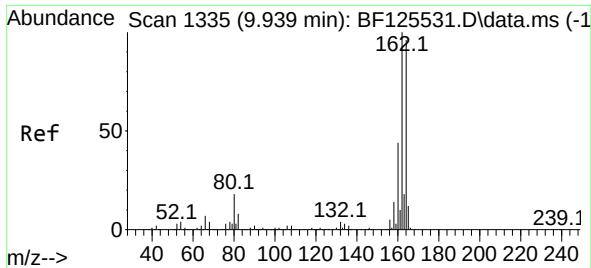
Tgt Ion:136 Resp: 1048385
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 7.5 6.4 9.6
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 4.153 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

Tgt Ion: 82 Resp: 68269
Ion Ratio Lower Upper
82 100
128 45.4 40.6 60.8
54 46.1 49.6 74.4#

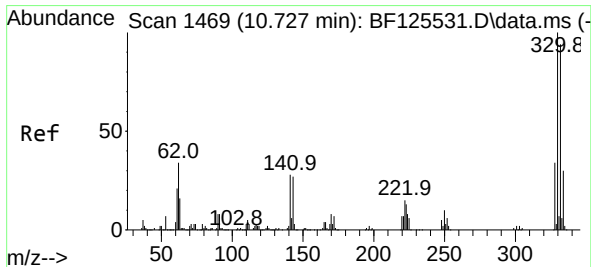
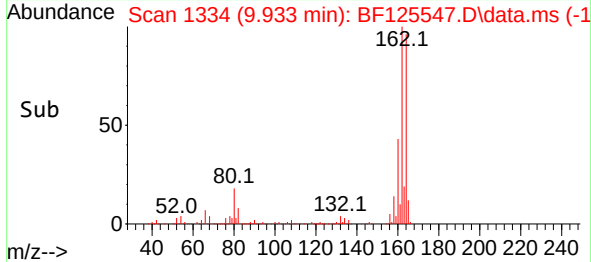
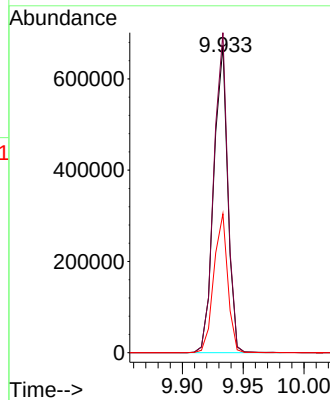
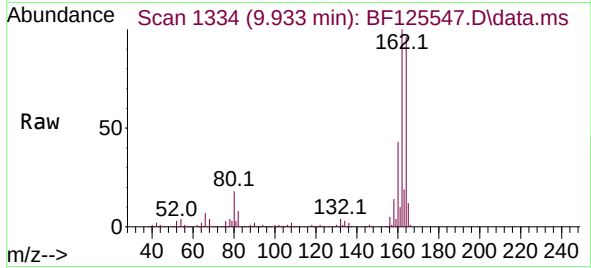




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

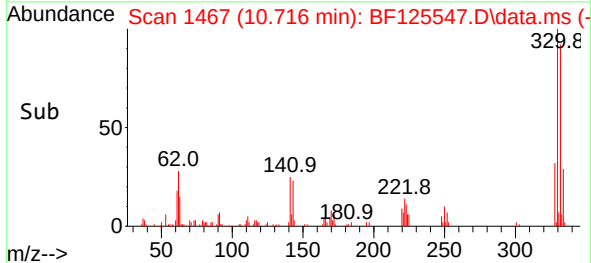
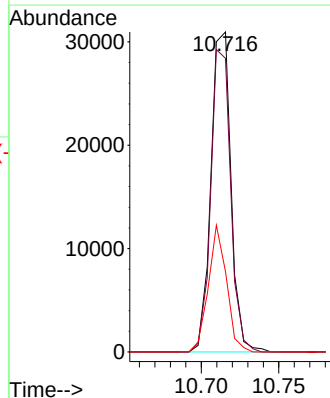
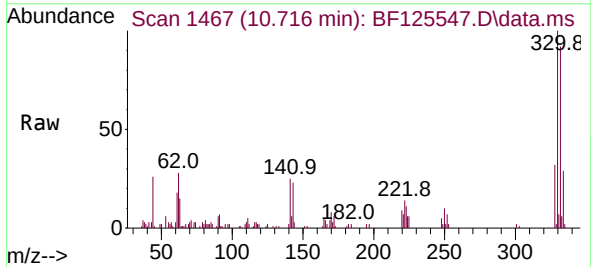
Instrument :
BNA_F
ClientSampleId :
CL-01-091721

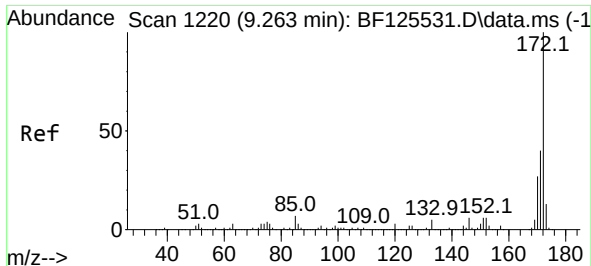
Tgt Ion:164 Resp: 536558
Ion Ratio Lower Upper
164 100
162 104.2 81.3 121.9
160 45.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 5.306 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

Tgt Ion:330 Resp: 27884
Ion Ratio Lower Upper
330 100
332 93.7 76.2 114.4
141 35.9 44.6 66.8#

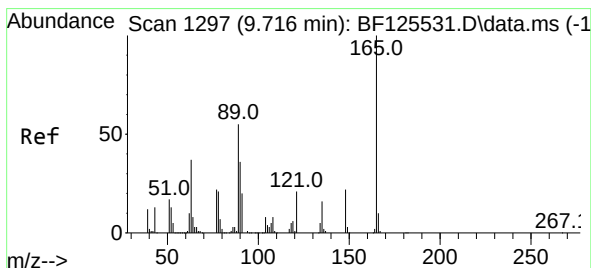
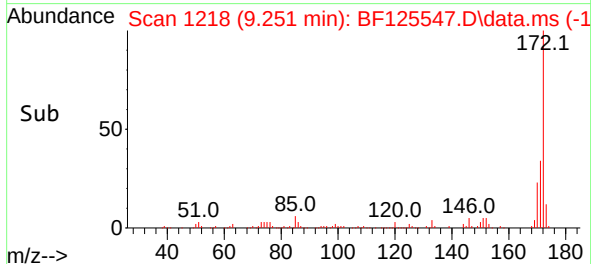
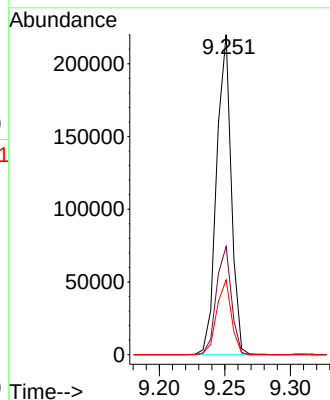
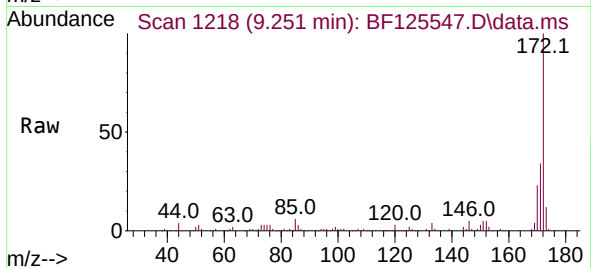




#45
2-Fluorobiphenyl
Concen: -6.384 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

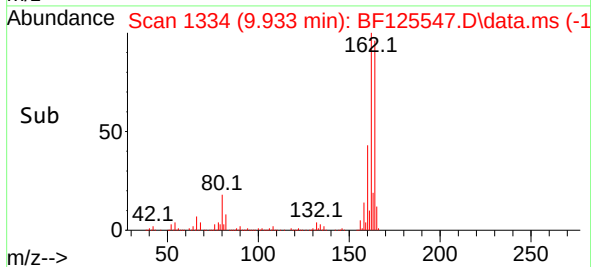
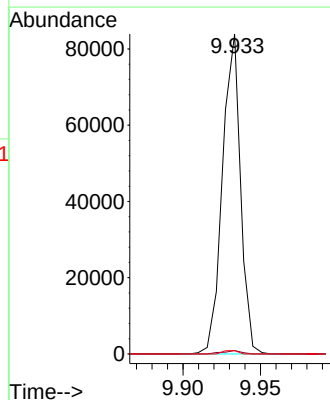
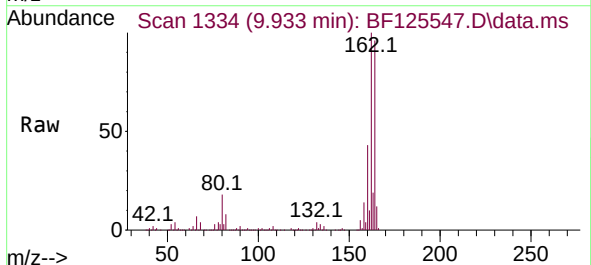
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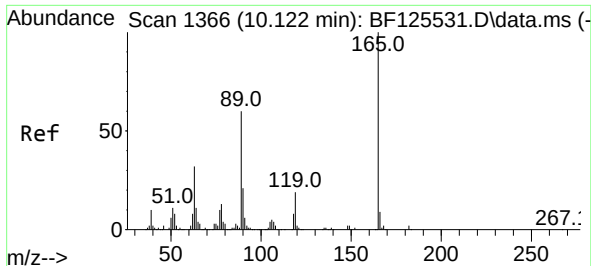
Tgt Ion:172 Resp: 170839
Ion Ratio Lower Upper
172 100
171 33.8 26.5 39.7
170 23.4 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.276 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

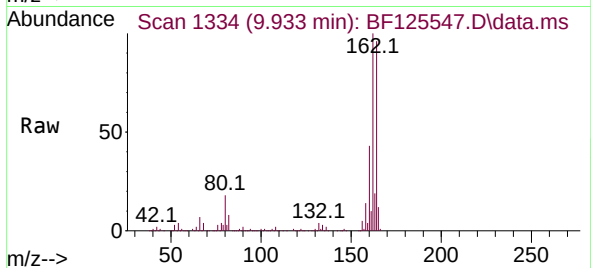
Tgt Ion:165 Resp: 68146
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.1 40.6 60.8#



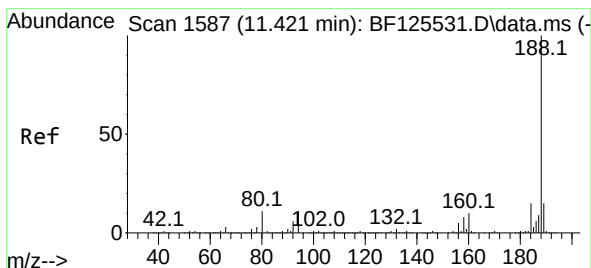
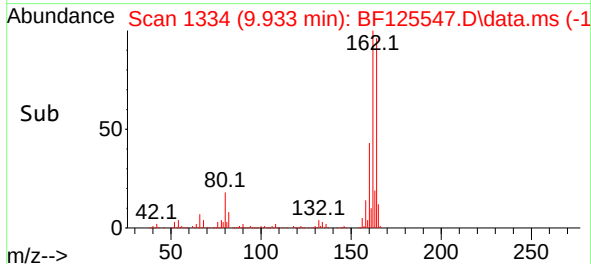
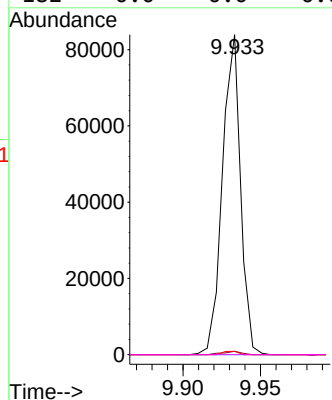


#57
2,4-Dinitrotoluene
Concen: 7.740 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

Instrument :
BNA_F
ClientSampleId :
CL-01-091721

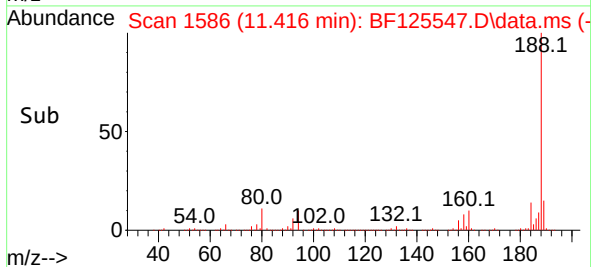
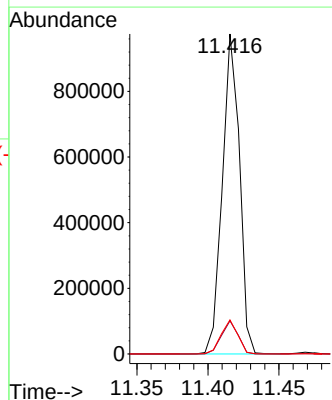
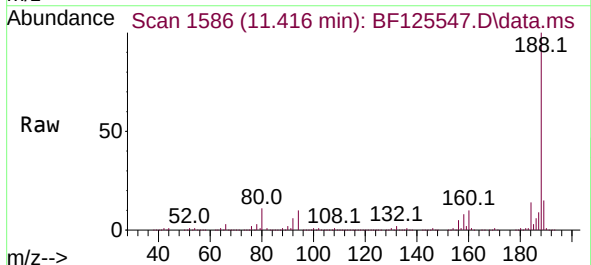


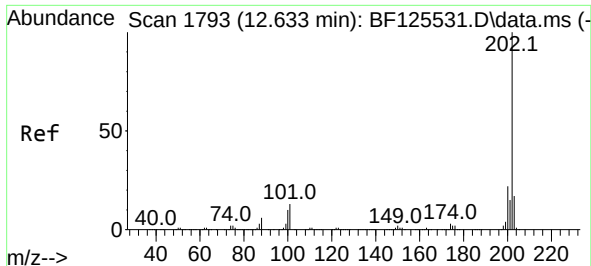
Tgt Ion:165 Resp: 68146
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

Tgt Ion:188 Resp: 816440
Ion Ratio Lower Upper
188 100
94 10.4 6.7 10.1#
80 10.7 7.5 11.3

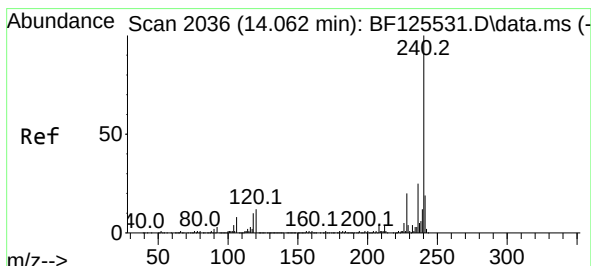
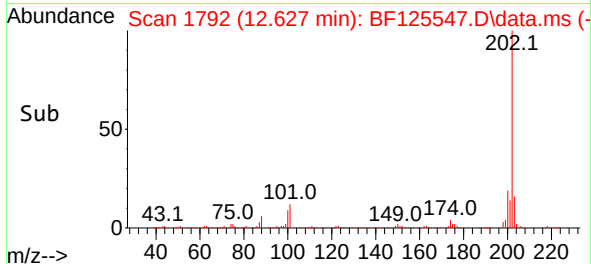
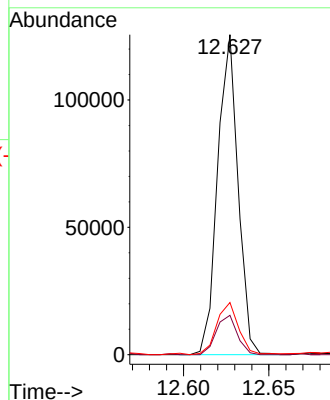
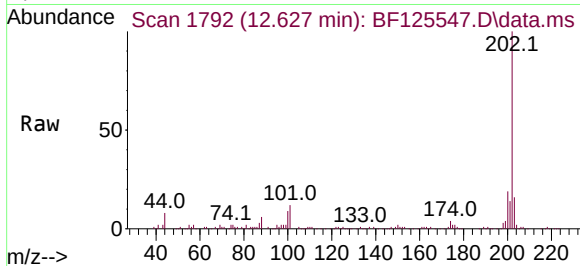




#75
Fluoranthene
Concen: 2.329 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

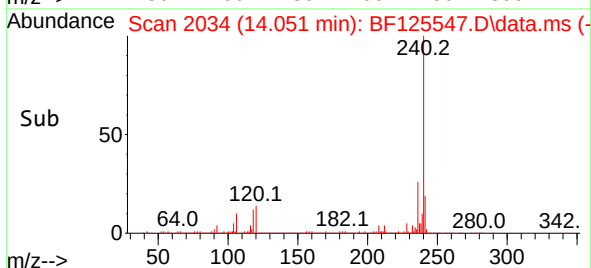
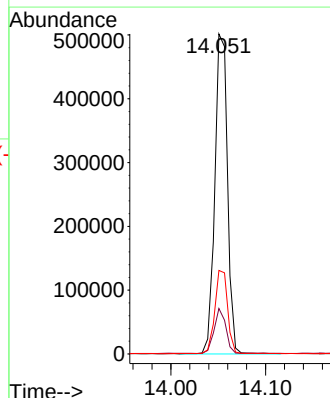
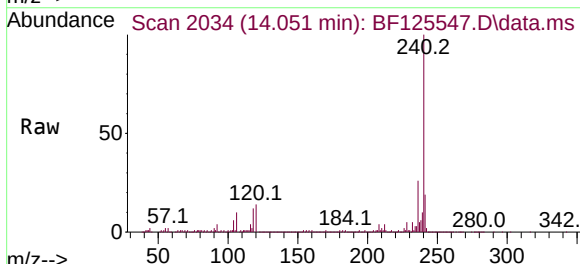
Instrument :
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CL-01-091721

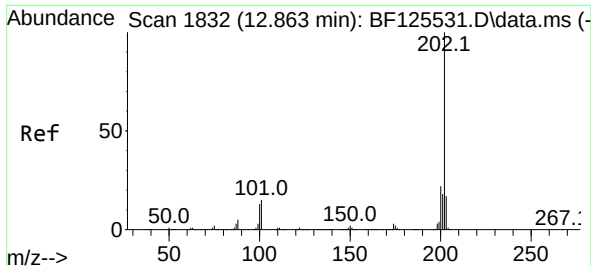
Tgt Ion:202 Resp: 104793
Ion Ratio Lower Upper
202 100
101 12.3 0.0 30.7
203 16.3 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

Tgt Ion:240 Resp: 467862
Ion Ratio Lower Upper
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120 14.2 10.8 16.2
236 26.1 21.6 32.4

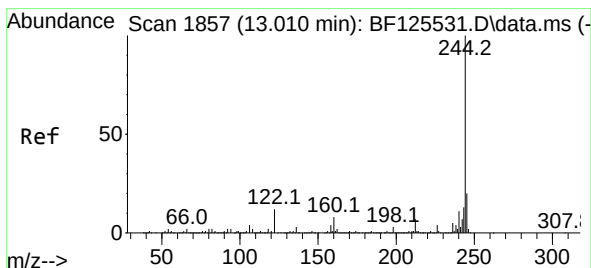
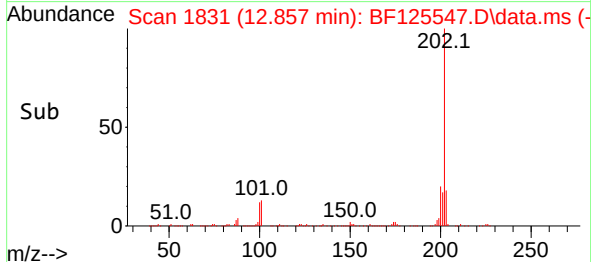
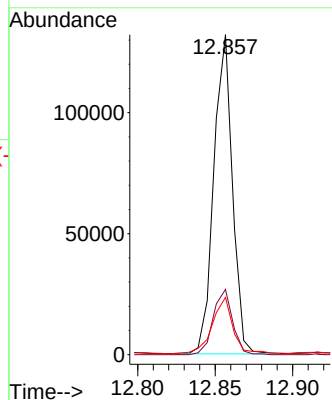
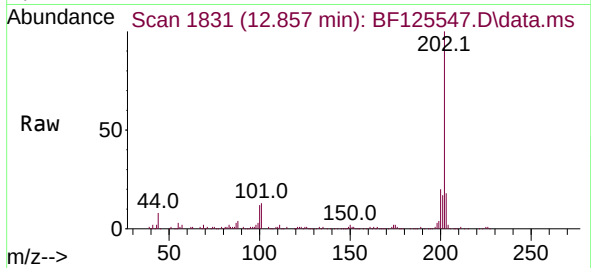




#78
Pyrene
Concen: 2.518 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

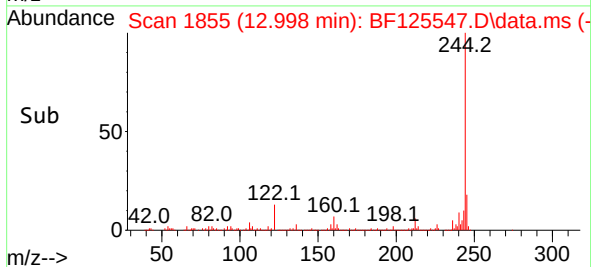
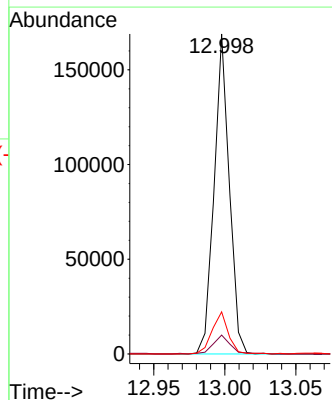
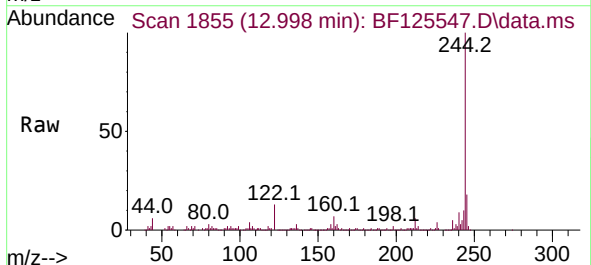
Instrument :
BNA_F
ClientSampleId :
CL-01-091721

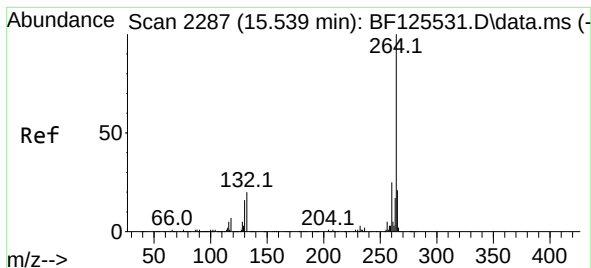
Tgt Ion:	202	Resp:	110391
Ion Ratio	Lower	Upper	
202	100		
200	20.4	15.3	22.9
203	17.9	13.4	20.0



#79
Terphenyl-d14
Concen: 4.339 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

Tgt Ion:	244	Resp:	125715
Ion Ratio	Lower	Upper	
244	100		
212	5.9	5.9	8.9#
122	13.1	9.0	13.4

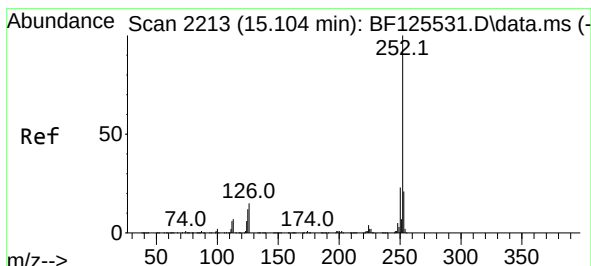
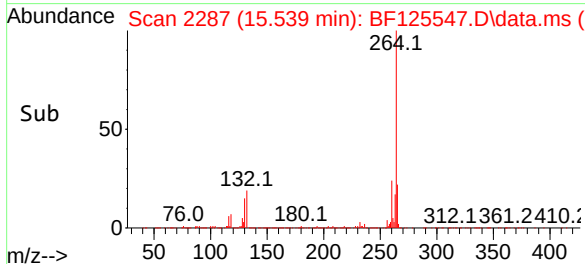
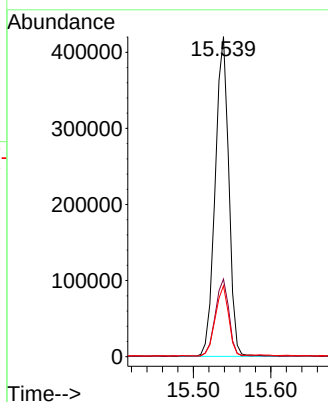
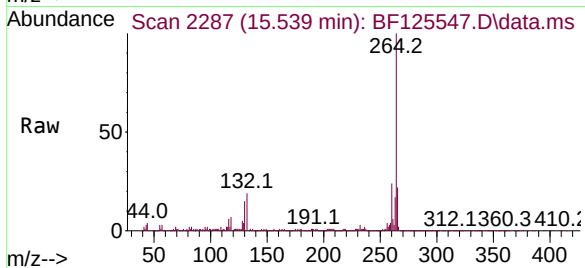




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.000 min
 Lab File: BF125547.D
 Acq: 21 Sep 2021 21:16

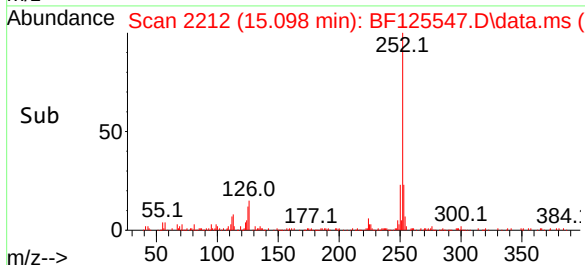
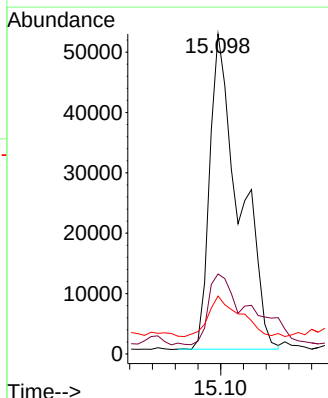
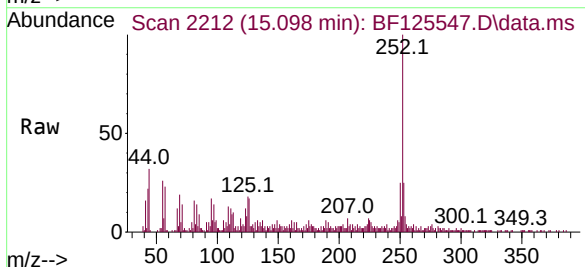
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-091721

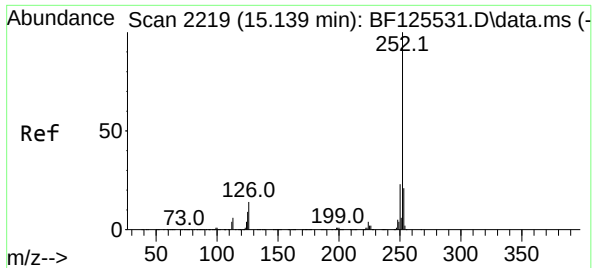
Tgt Ion:	264	Resp:	511757
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.6	29.4
265	22.1	17.2	25.8



#88
 Benzo(b)fluoranthene
 Concen: 2.513 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. -0.006 min
 Lab File: BF125547.D
 Acq: 21 Sep 2021 21:16

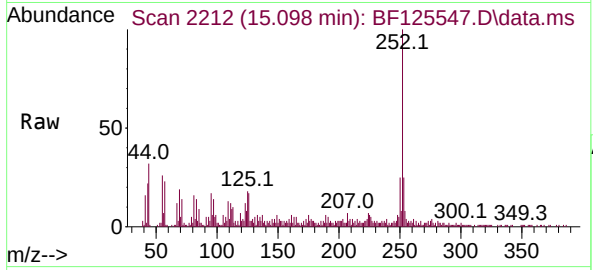
Tgt Ion:	252	Resp:	94068
Ion Ratio	Lower	Upper	
252	100		
253	25.0	16.8	25.2
125	18.1	9.8	14.8#





#89
Benzo(k)fluoranthene
Concen: 2.748 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.041 min
Lab File: BF125547.D
Acq: 21 Sep 2021 21:16

Instrument :
BNA_F
ClientSampleId :
CL-01-091721



Tgt Ion:252	Resp:	94068
Ion Ratio	Lower	Upper
252	100	
253	25.0	17.8 26.8
125	18.1	7.2 10.8#

