

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
 Data File : BF125395.D
 Acq On : 7 Sep 2021 19:12
 Operator : JU/CG
 Sample : M3657-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11944

Quant Time: Sep 08 09:32:34 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)

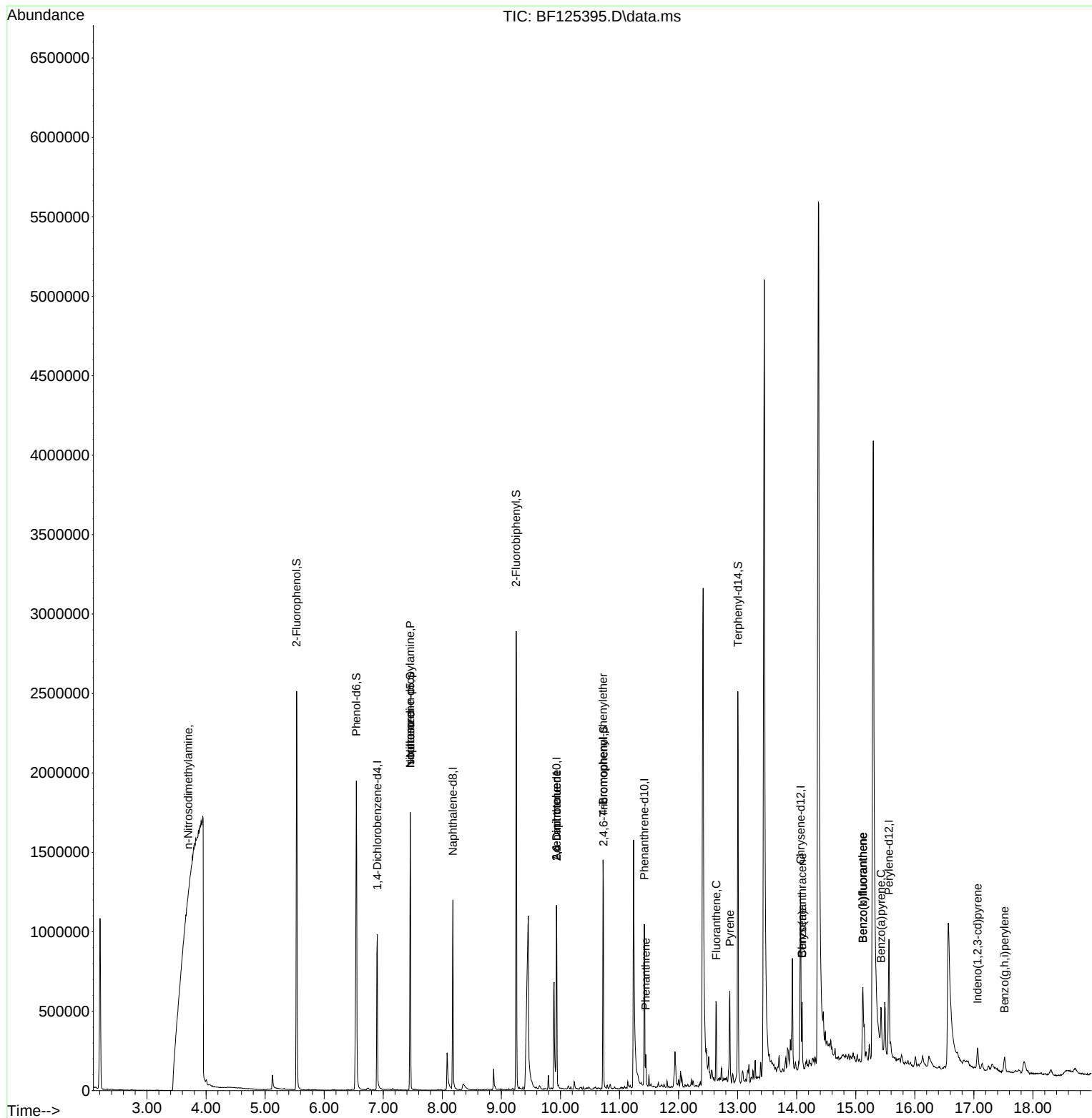
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	140169	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	506525	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	224451	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	350428	20.000	ng	0.00
76) Chrysene-d12	14.068	240	335898	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	346825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	689717	74.478	ng	0.01
7) Phenol-d6	6.545	99	838839	70.038	ng	0.01
23) Nitrobenzene-d5	7.457	82	540106	53.682	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	174870	78.049	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	890793	55.314	ng	0.00
79) Terphenyl-d14	13.004	244	874768	41.488	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.699	42	214837	35.590	ng	# 13
19) n-Nitroso-di-n-propyla...	7.457	70	72152	10.016	ng	# 56
25) Isophorone	7.457	82	540098	27.827	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	28691	8.507	ng	# 37
57) 2,4-Dinitrotoluene	9.933	165	28691	7.029	ng	# 29
67) 4-Bromophenyl-phenylether	10.722	248	10842	2.577	ng	# 1
71) Phenanthrene	11.445	178	63262	3.276	ng	98
75) Fluoranthene	12.639	202	208111	10.862	ng	97
78) Pyrene	12.869	202	237900	8.257	ng	98
81) Benzo(a)anthracene	14.092	228	174666	7.217	ng	96
83) Chrysene	14.092	228	174666	7.298	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	79538	3.183	ng	# 87
88) Benzo(b)fluoranthene	15.121	252	313653	12.379	ng	# 97
89) Benzo(k)fluoranthene	15.121	252	313653	13.265	ng	98
90) Benzo(a)pyrene	15.427	252	116565	5.208	ng	98
92) Benzo(g,h,i)perylene	17.521	276	76173	3.658	ng	92

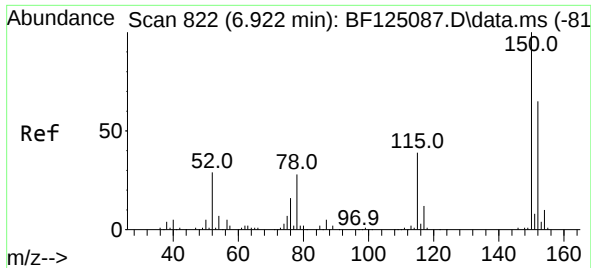
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
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BNA_F
ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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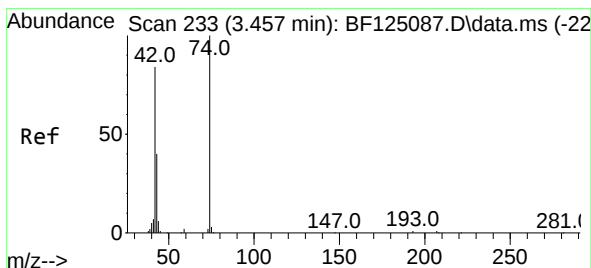
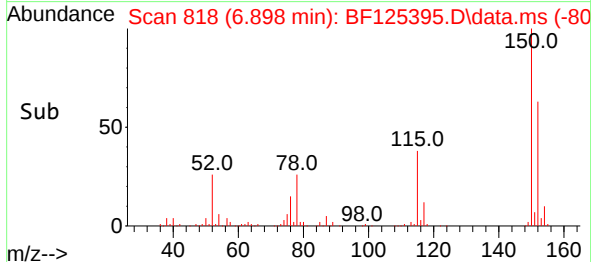
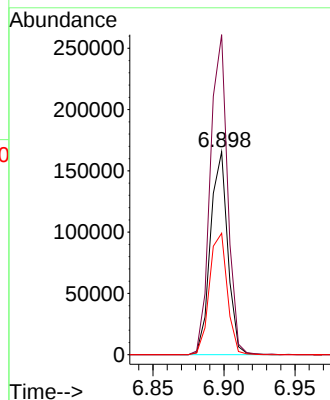
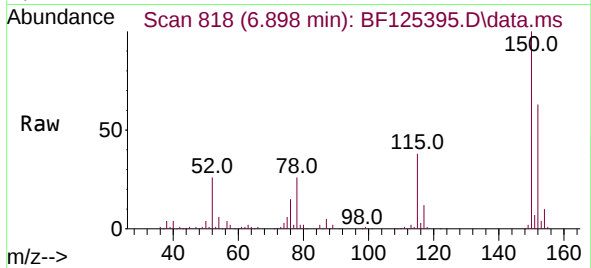




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

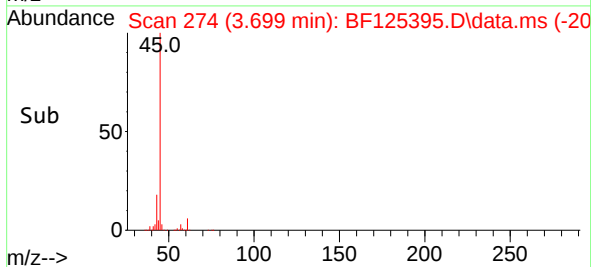
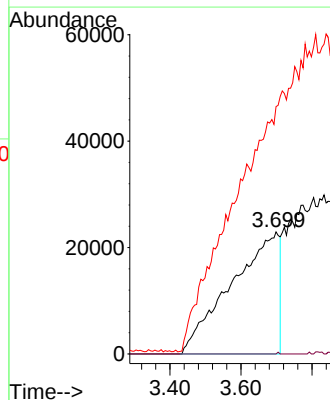
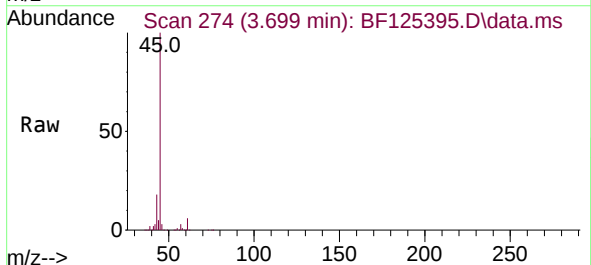
Instrument :
BNA_F
ClientSampleId :
RO-72-11944

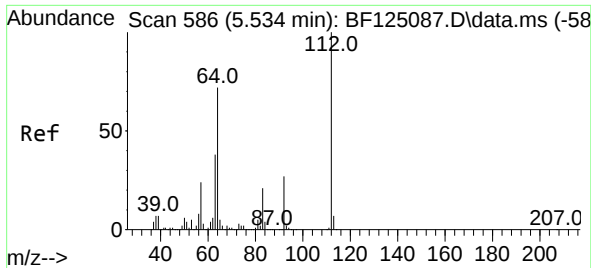
Tgt Ion:152 Resp: 140169
Ion Ratio Lower Upper
152 100
150 157.7 117.6 176.4
115 59.8 47.1 70.7



#4
n-Nitrosodimethylamine
Concen: 35.590 ng
RT: 3.699 min Scan# 274
Delta R.T. 0.288 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

Tgt Ion: 42 Resp: 214837
Ion Ratio Lower Upper
42 100
74 0.0 59.0 88.6#
44 202.8 0.0 0.0#

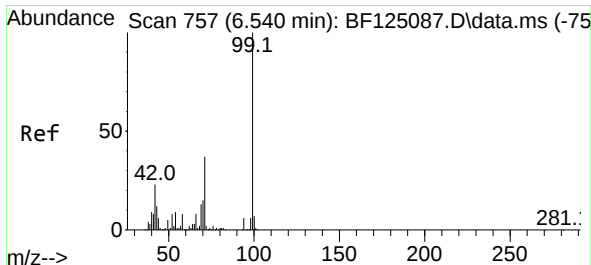
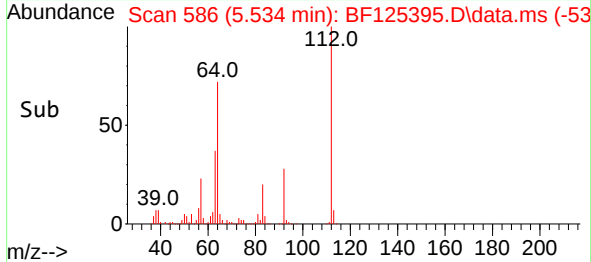
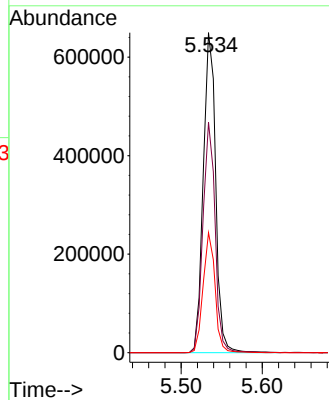
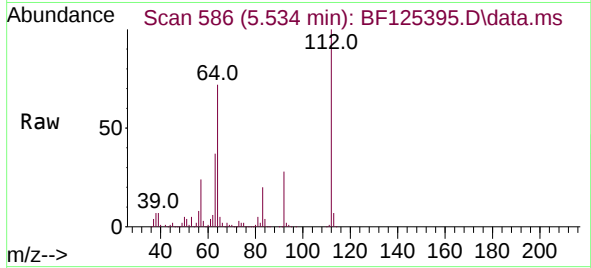




#5
2-Fluorophenol
Concen: 74.478 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.012 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

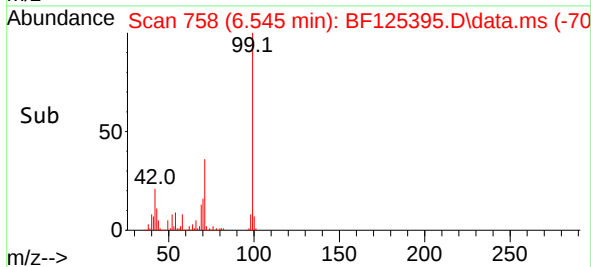
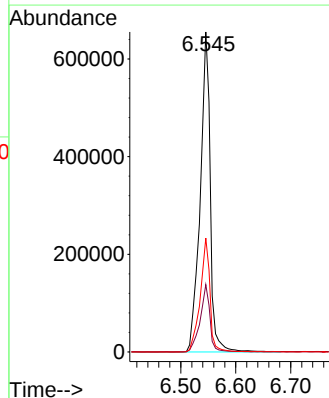
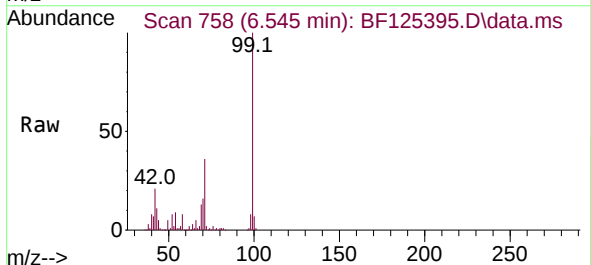
Instrument :
BNA_F
ClientSampleId :
RO-72-11944

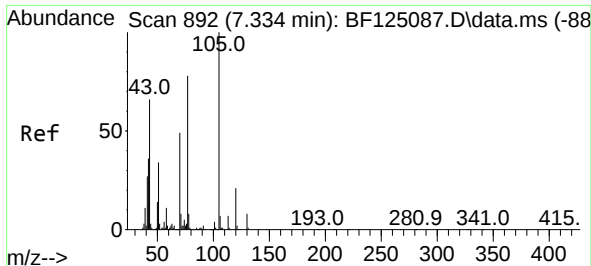
Tgt Ion:112 Resp: 689717
Ion Ratio Lower Upper
112 100
64 72.0 44.2 66.2#
63 37.5 26.2 39.2



#7
Phenol-d6
Concen: 70.038 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

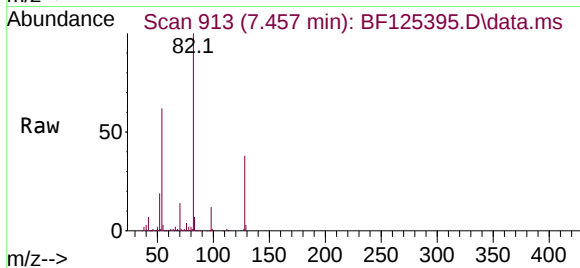
Tgt Ion: 99 Resp: 838839
Ion Ratio Lower Upper
99 100
42 21.1 23.5 35.3#
71 35.6 25.6 38.4



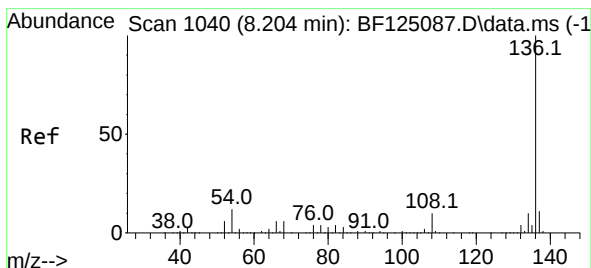
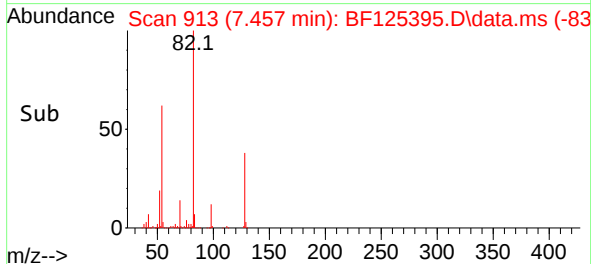
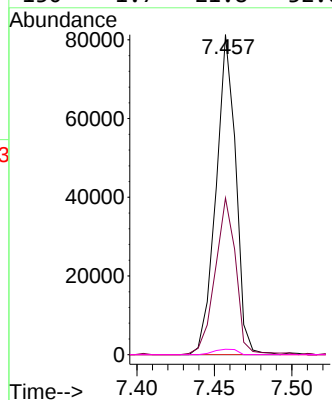


#19
n-Nitroso-di-n-propylamine
Concen: 10.016 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

Instrument :
BNA_F
ClientSampleId :
RO-72-11944

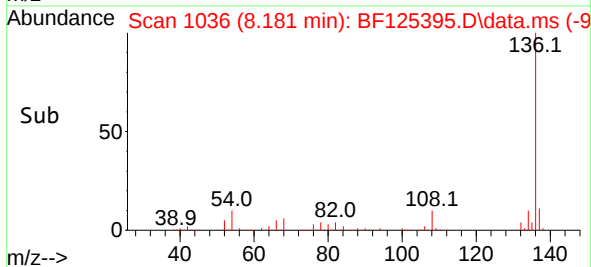
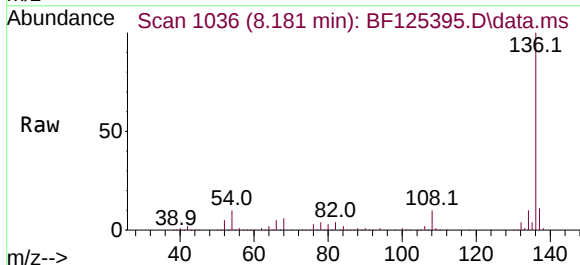
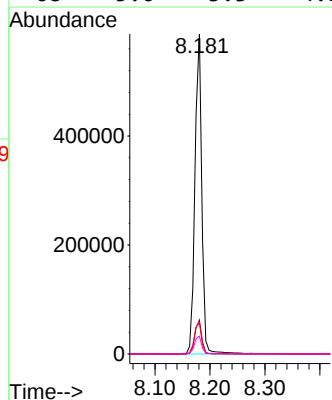


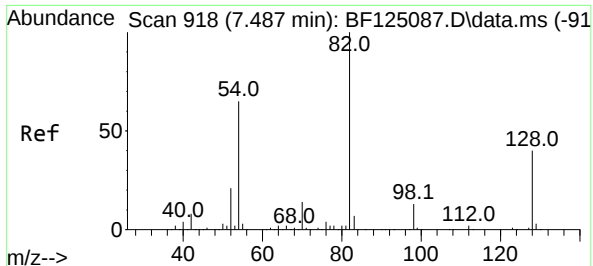
Tgt Ion: 70	Resp: 72152
Ion Ratio	Lower Upper
70 100	
42 48.9	72.2 108.2#
101 0.0	7.8 11.8#
130 1.7	21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

Tgt	Ion:136	Resp:	506525
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	9.7	6.4	9.6#
68	5.6	3.3	4.9#

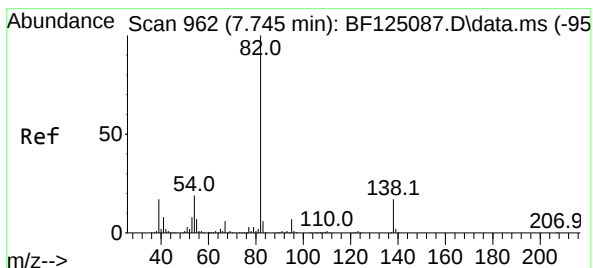
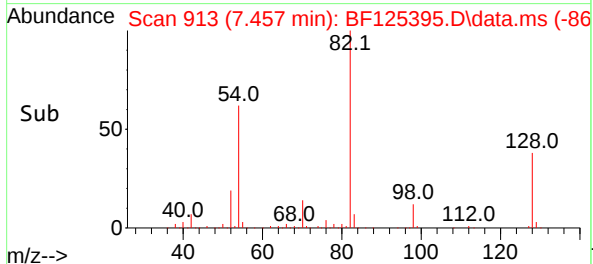
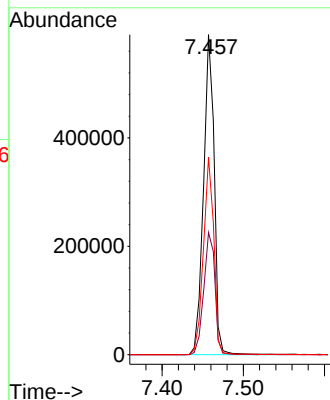
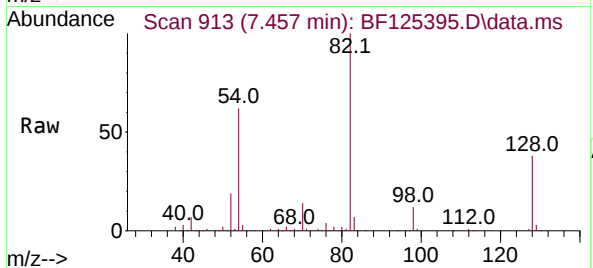




#23
Nitrobenzene-d5
Concen: 53.682 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

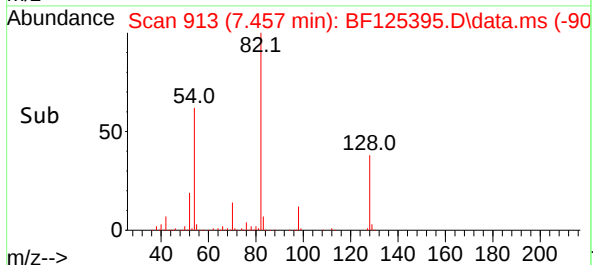
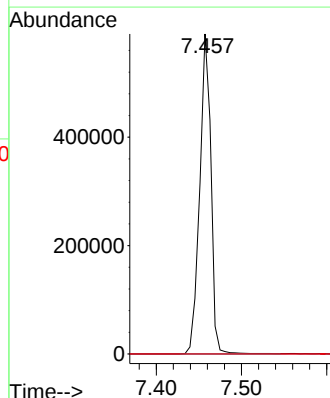
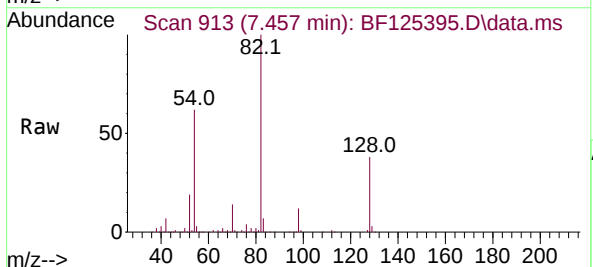
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BNA_F
ClientSampleId :
RO-72-11944

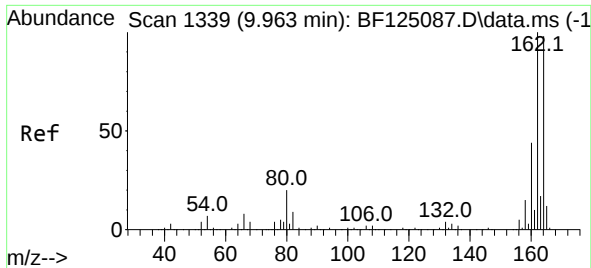
Tgt Ion: 82 Resp: 540106
Ion Ratio Lower Upper
82 100
128 38.2 40.6 60.8#
54 61.7 49.6 74.4



#25
Isophorone
Concen: 27.827 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

Tgt Ion: 82 Resp: 540098
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

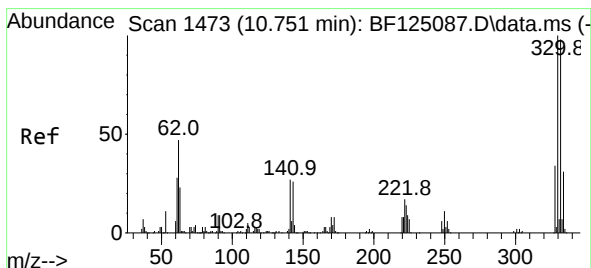
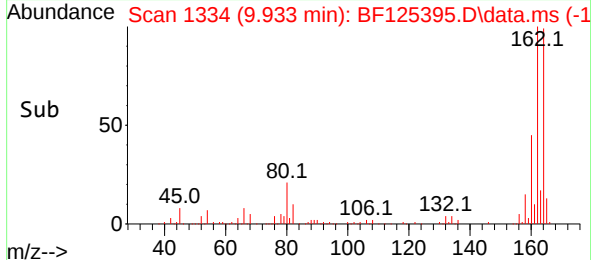
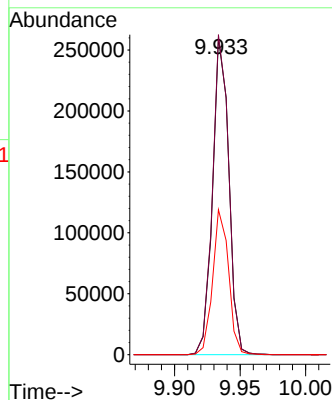
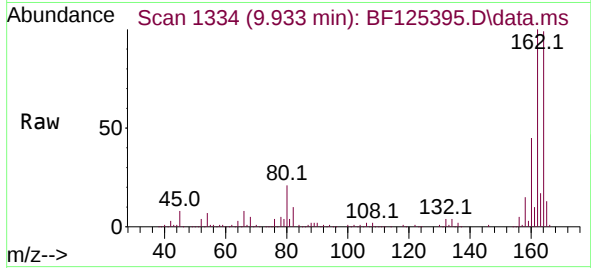




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

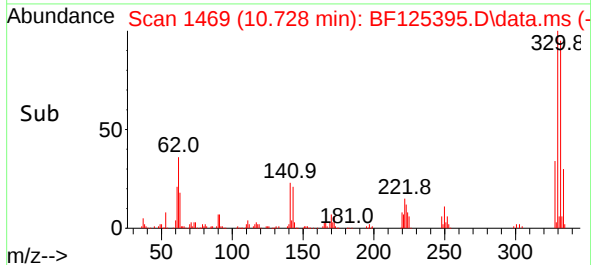
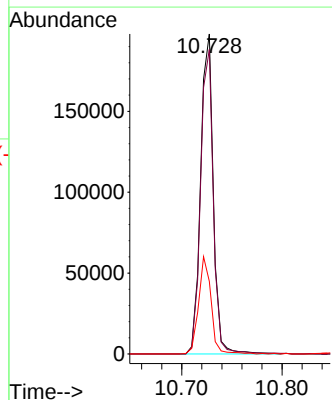
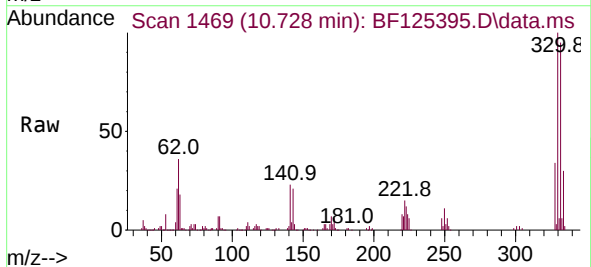
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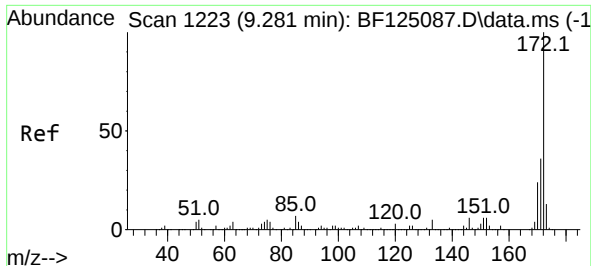
Tgt Ion:164 Resp: 224451
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 45.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 78.049 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

Tgt Ion:330 Resp: 174870
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 29.9 44.6 66.8#

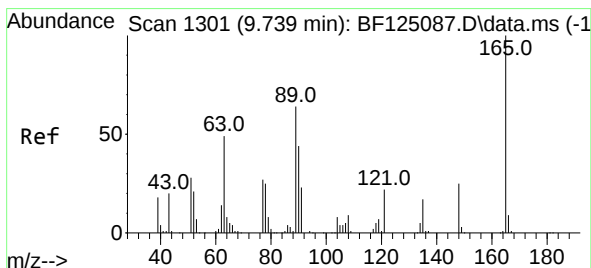
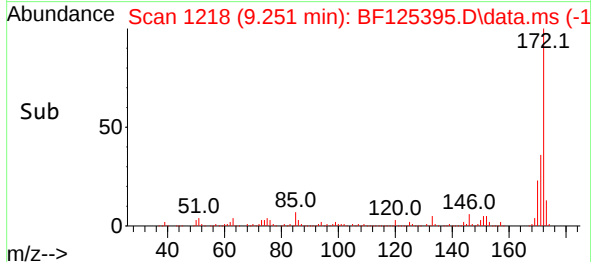
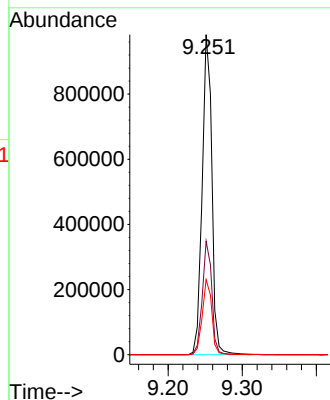
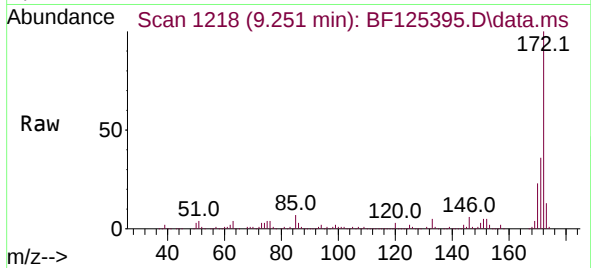




#45
2-Fluorobiphenyl
Concen: 55.314 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

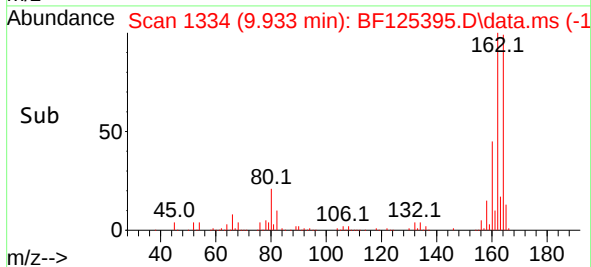
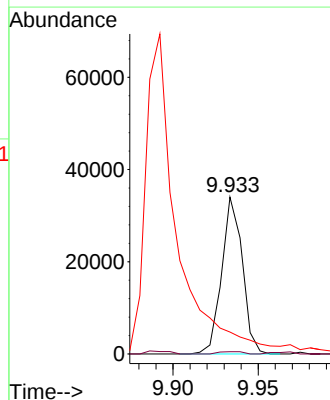
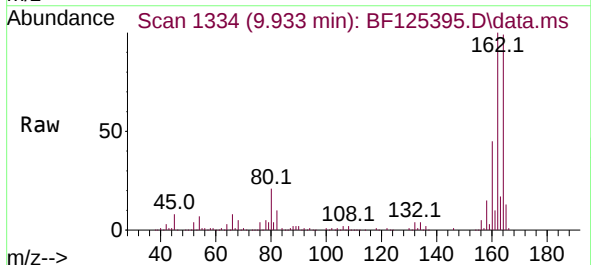
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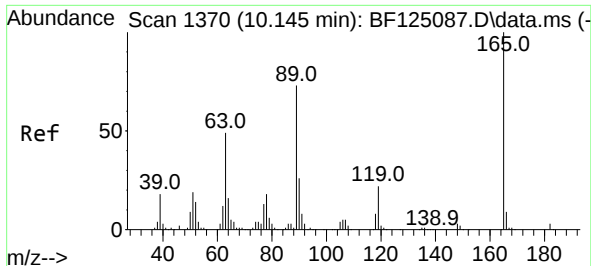
Tgt Ion:172 Resp: 890793
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.5 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.507 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

Tgt Ion:165 Resp: 28691
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 14.0 40.6 60.8#

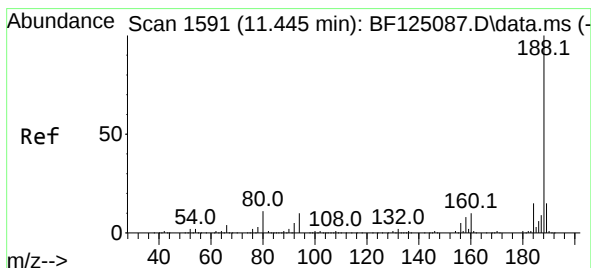
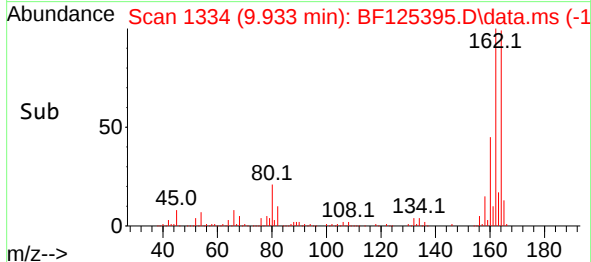
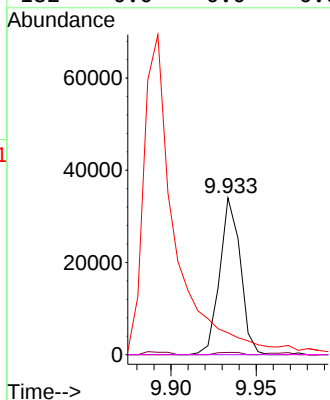
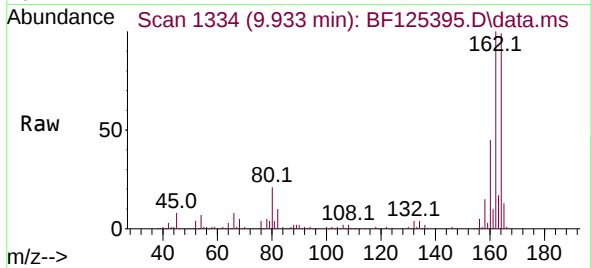




#57
2,4-Dinitrotoluene
Concen: 7.029 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

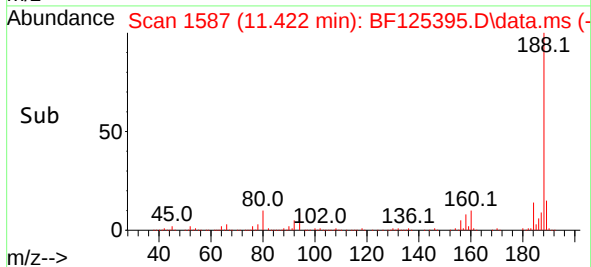
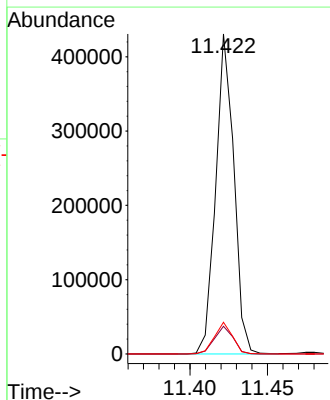
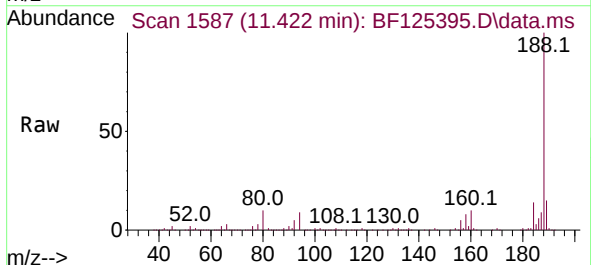
Instrument :
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ClientSampleId :
RO-72-11944

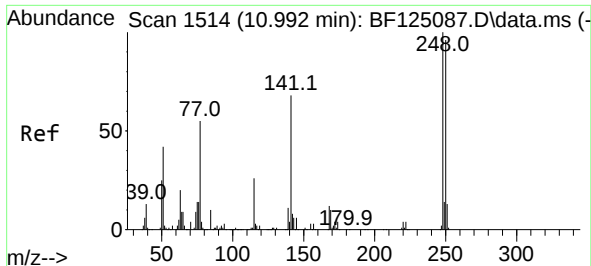
Tgt Ion:165	Resp:	28691
Ion Ratio	Lower	Upper
165	100	
63	1.4	40.9 61.3#
89	14.0	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

Tgt Ion:188	Resp:	350428
Ion Ratio	Lower	Upper
188	100	
94	8.6	6.7 10.1
80	9.9	7.5 11.3

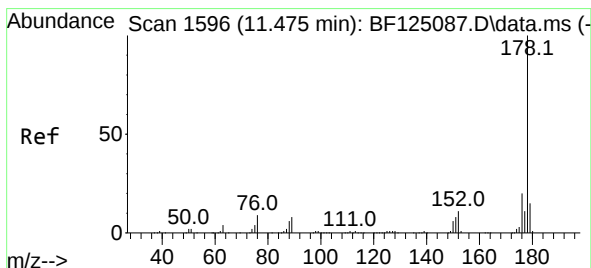
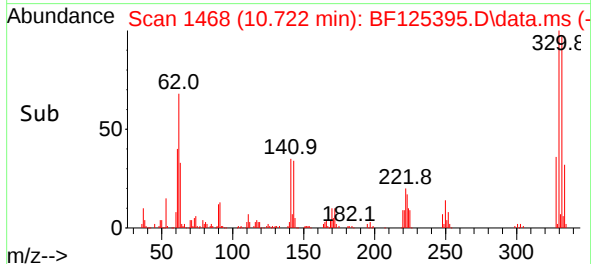
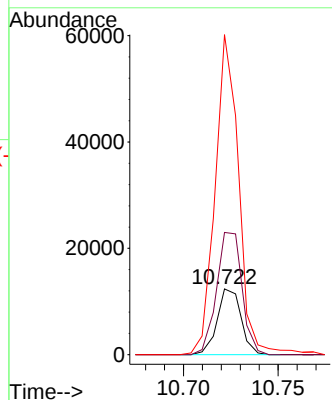
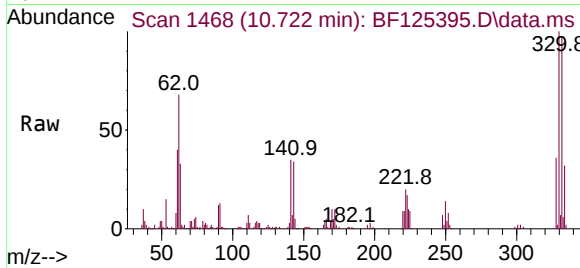




#67
4-Bromophenyl-phenylether
Concen: 2.577 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

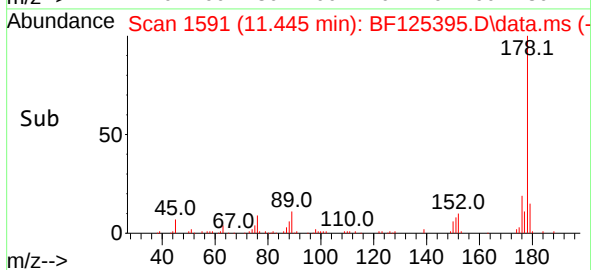
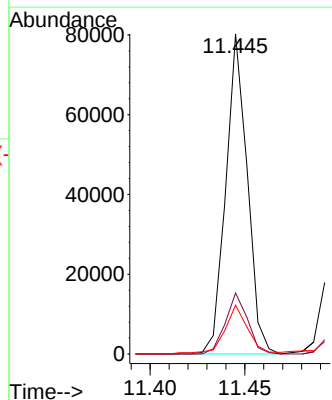
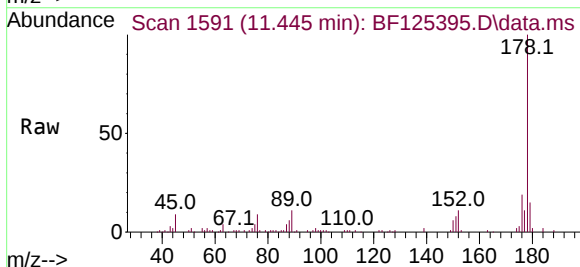
Instrument :
BNA_F
ClientSampleId :
RO-72-11944

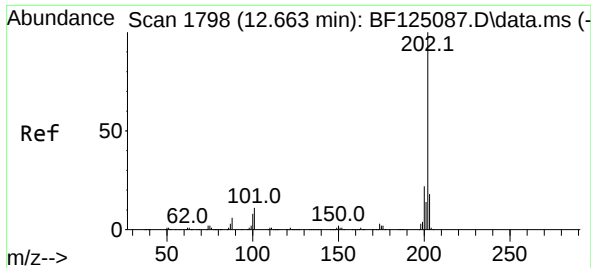
Tgt Ion:248 Resp: 10842
Ion Ratio Lower Upper
248 100
250 186.2 74.2 111.4#
141 487.1 60.4 90.6#



#71
Phenanthrene
Concen: 3.276 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

Tgt Ion:178 Resp: 63262
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.2 11.5 17.3

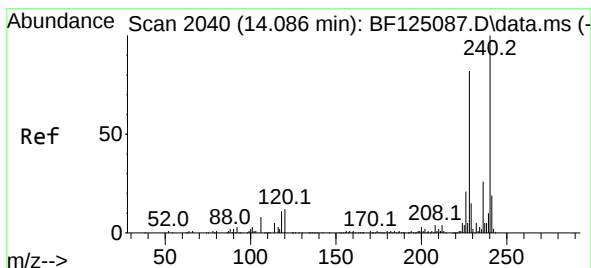
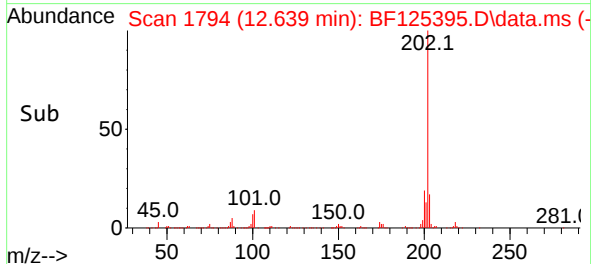
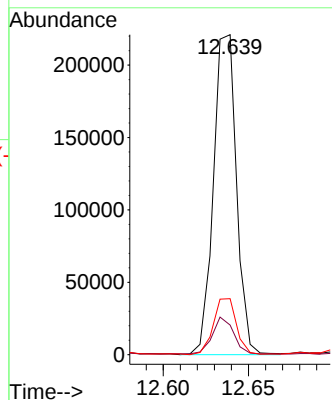
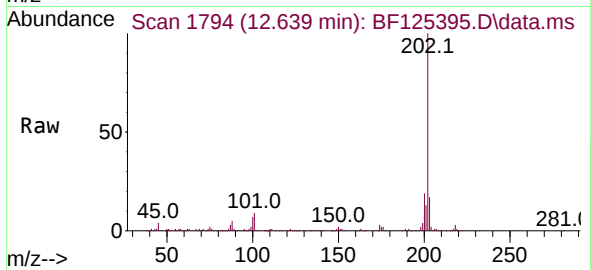




#75
Fluoranthene
Concen: 10.862 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

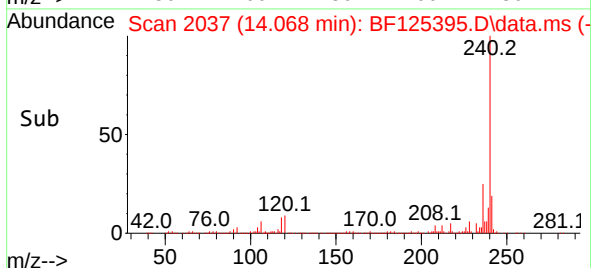
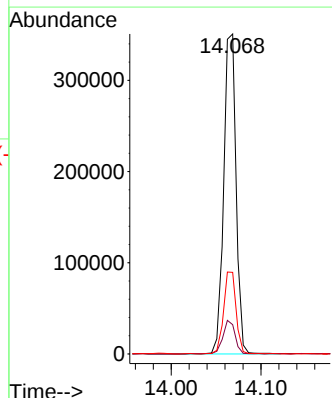
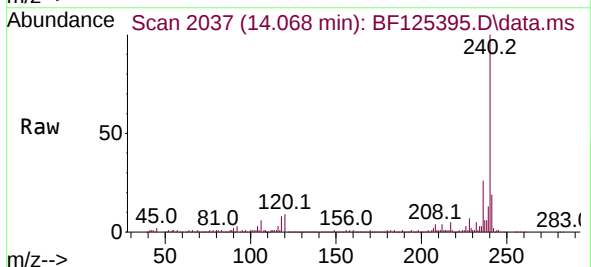
Instrument :
BNA_F
ClientSampleId :
RO-72-11944

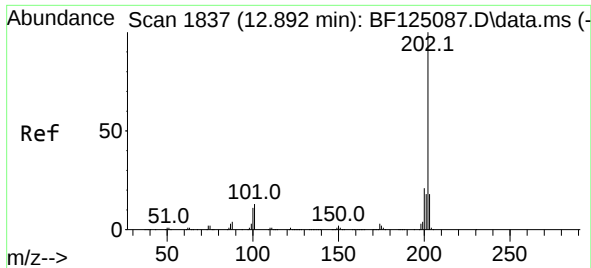
Tgt Ion:202 Resp: 208111
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.7
203 17.5 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

Tgt Ion:240 Resp: 335898
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 25.5 21.6 32.4

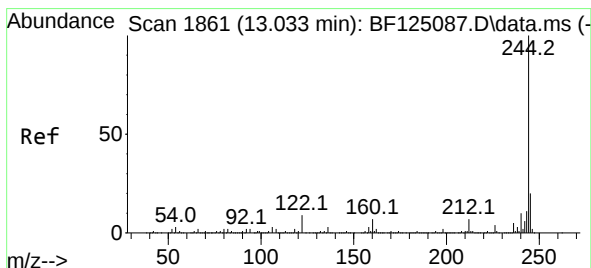
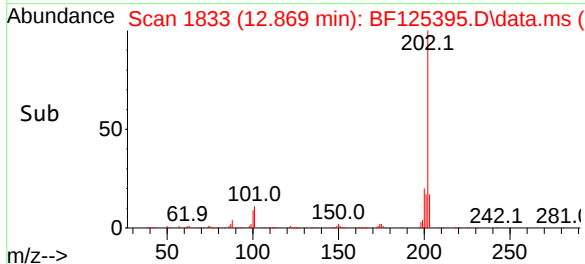
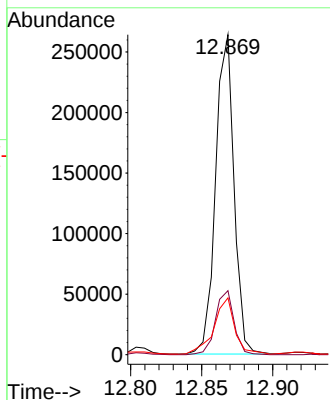
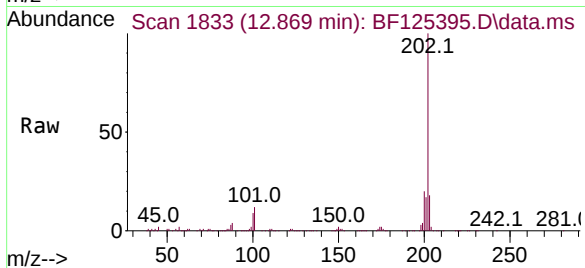




#78
Pyrene
Concen: 8.257 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

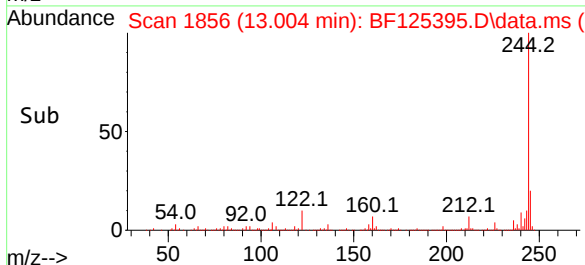
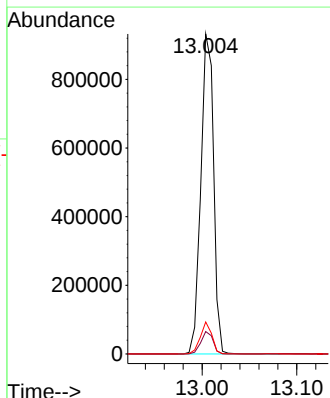
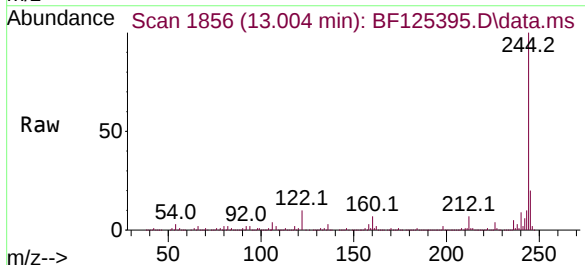
Instrument :
BNA_F
ClientSampleId :
RO-72-11944

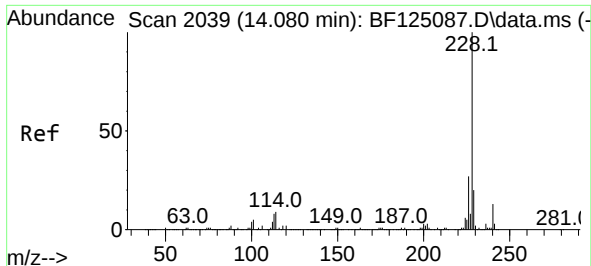
Tgt Ion:202 Resp: 237900
Ion Ratio Lower Upper
202 100
200 20.0 15.3 22.9
203 17.7 13.4 20.0



#79
Terphenyl-d14
Concen: 41.488 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

Tgt Ion:244 Resp: 874768
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.0 9.0 13.4

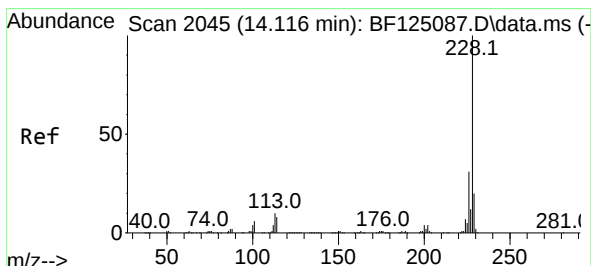
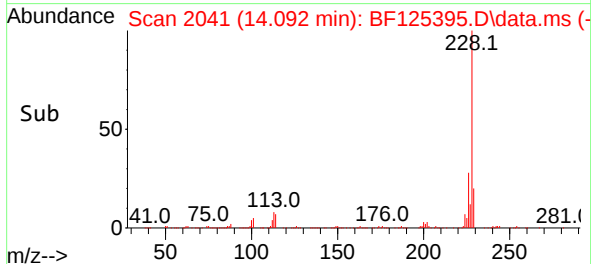
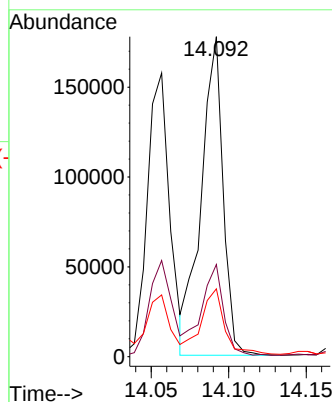
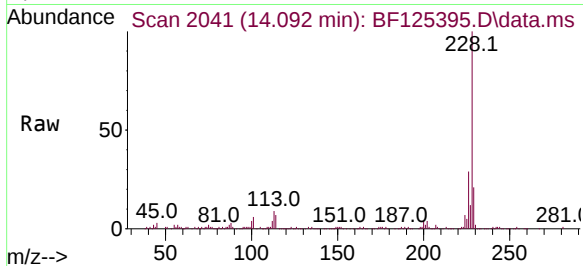




#81
Benzo(a)anthracene
Concen: 7.217 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.035 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

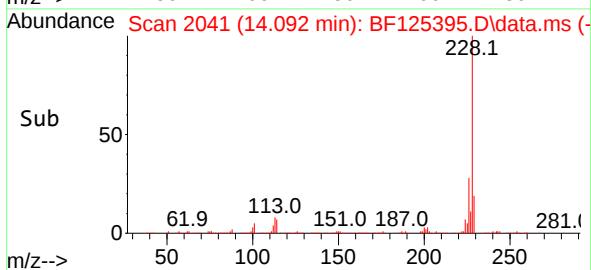
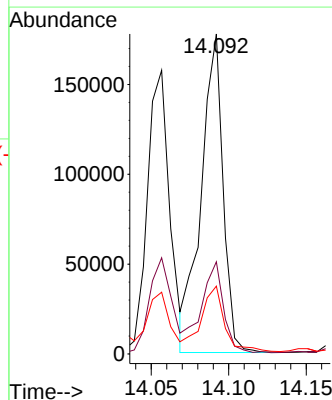
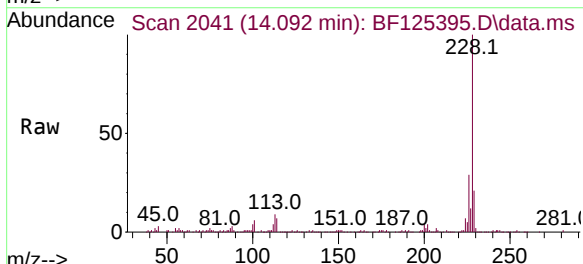
Instrument :
BNA_F
ClientSampleId :
RO-72-11944

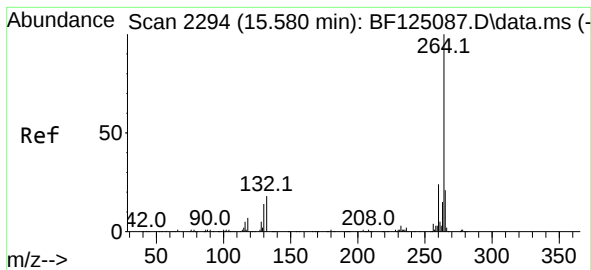
Tgt Ion:228	Resp: 174666		
Ion Ratio	Lower	Upper	
228	100		
226	28.8	21.6	32.4
229	21.2	15.6	23.4



#83
Chrysene
Concen: 7.298 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

Tgt Ion:228	Resp: 174666
Ion Ratio	Lower Upper
228 100	
226 28.8	22.6 34.0
229 21.2	15.9 23.9

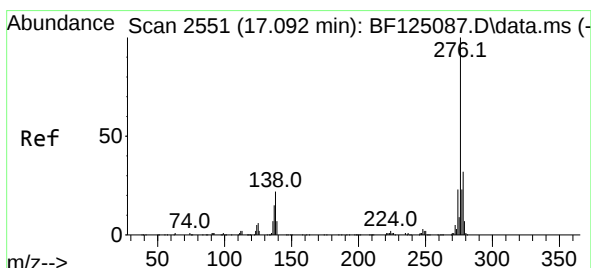
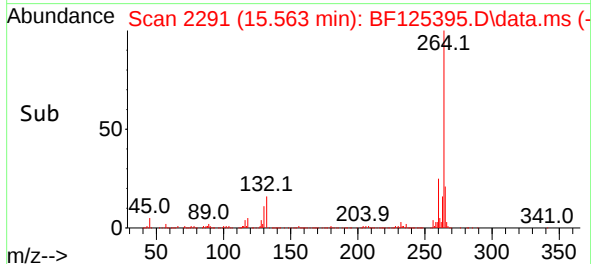
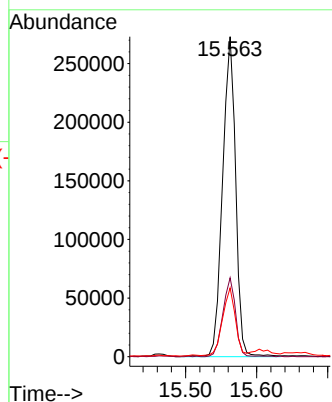
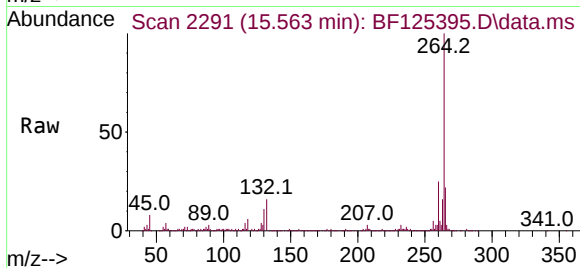




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2291
Delta R.T. 0.006 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

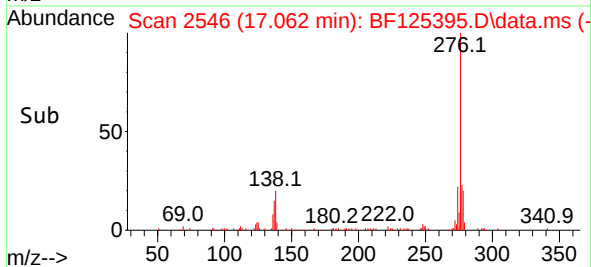
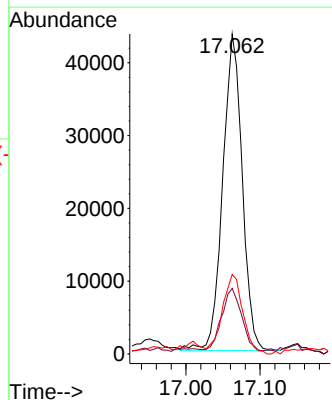
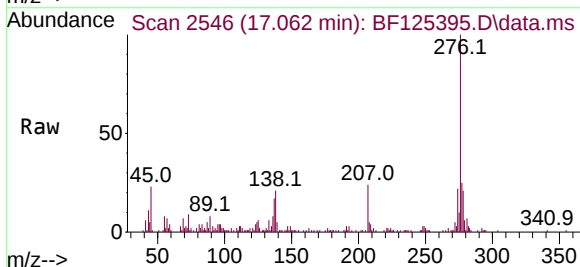
Instrument :
BNA_F
ClientSampleId :
RO-72-11944

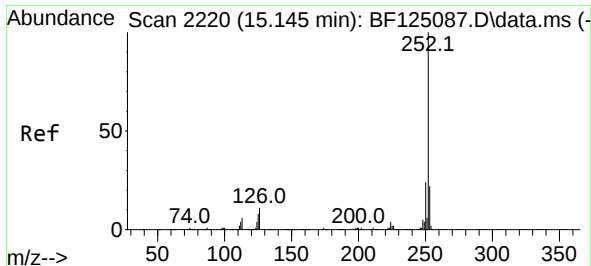
Tgt Ion:264	Resp:	346825
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.6 29.4
265	21.5	17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.183 ng
RT: 17.062 min Scan# 2546
Delta R.T. -0.012 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

Tgt Ion:276	Resp:	79538
Ion Ratio	Lower	Upper
276	100	
138	20.3	24.1 36.1#
277	26.3	18.8 28.2

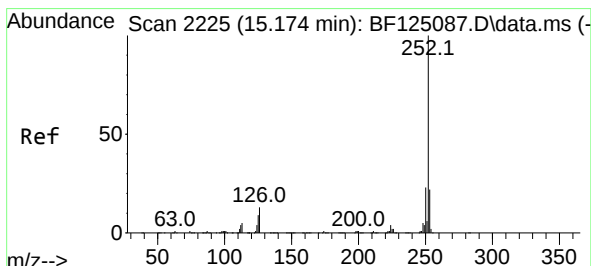
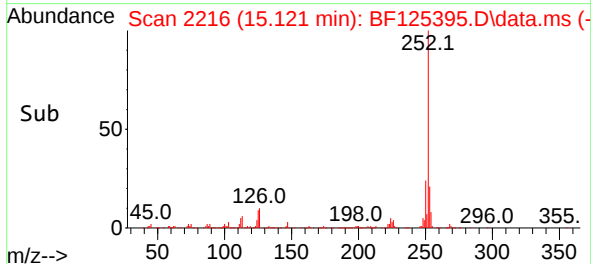
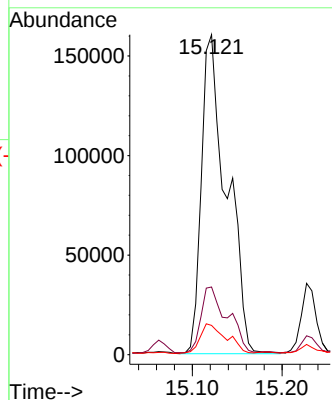
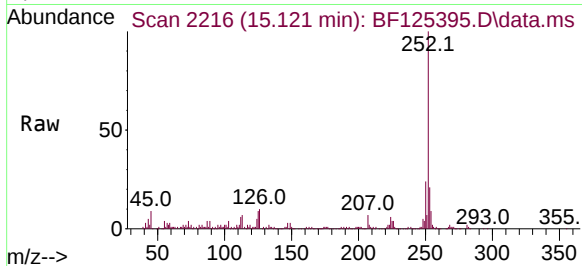




#88
Benzo(b)fluoranthene
Concen: 12.379 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

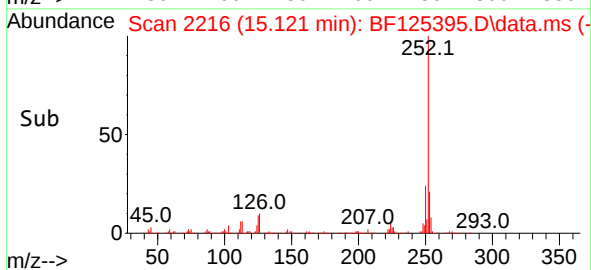
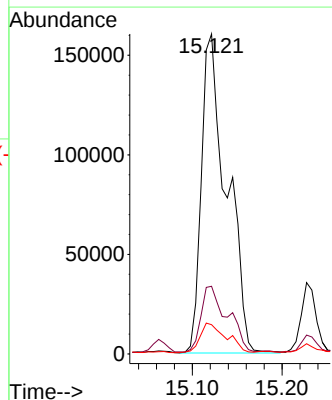
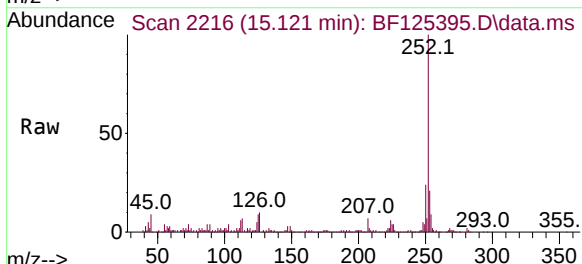
Instrument :
BNA_F
ClientSampleId :
RO-72-11944

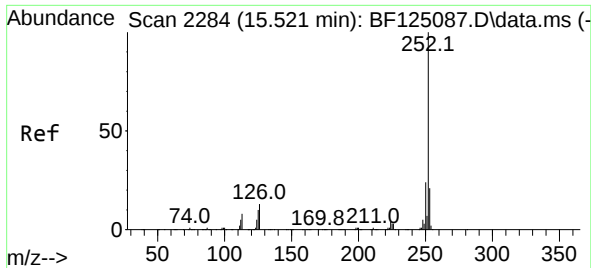
Tgt Ion:252 Resp: 313653
Ion Ratio Lower Upper
252 100
253 21.2 16.8 25.2
125 9.2 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 13.265 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.029 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

Tgt Ion:252 Resp: 313653
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 9.2 7.2 10.8

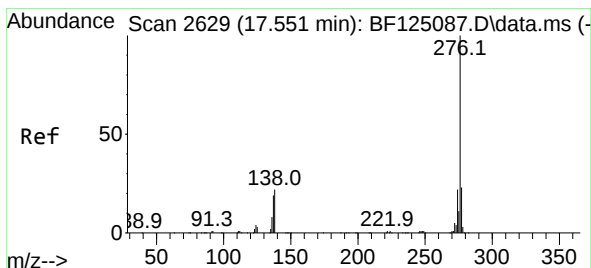
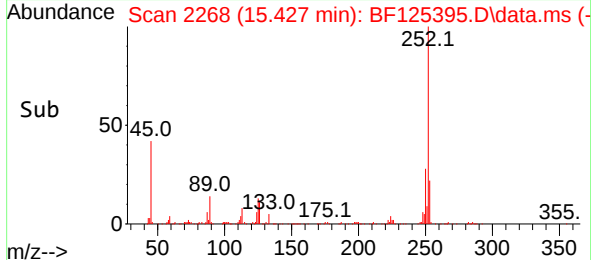
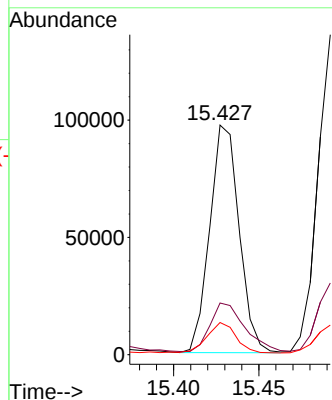
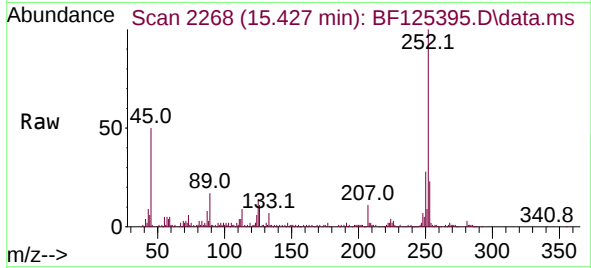




#90
Benzo(a)pyrene
Concen: 5.208 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.070 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

Instrument :
BNA_F
ClientSampleId :
RO-72-11944

Tgt Ion:252 Resp: 116565
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 14.0 9.9 14.9



#92
Benzo(g,h,i)perylene
Concen: 3.658 ng
RT: 17.521 min Scan# 2624
Delta R.T. -0.012 min
Lab File: BF125395.D
Acq: 7 Sep 2021 19:12

Tgt Ion:276 Resp: 76173
Ion Ratio Lower Upper
276 100
277 23.2 22.0 33.0
138 23.3 22.2 33.4

