

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124845.D
 Acq On : 29 Jul 2021 00:49
 Operator : JU/CG
 Sample : M3204-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-072721

Quant Time: Jul 29 02:12:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

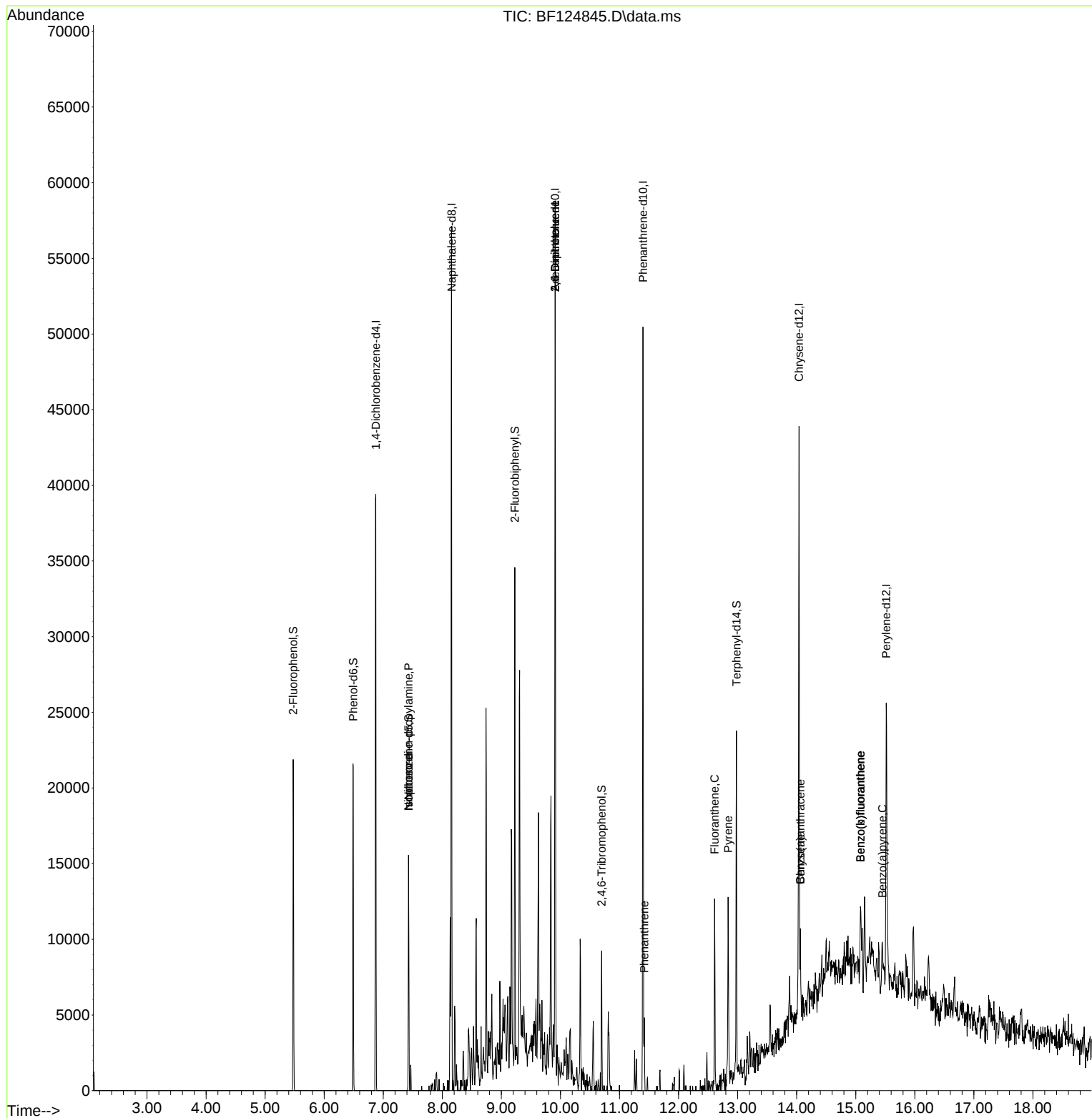
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	6478	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	23232	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	11445	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	18137	20.00	ng	0.00
76) Chrysene-d12	14.039	240	12404	20.00	ng	# 0.00
86) Perylene-d12	15.515	264	8962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	5982	15.64	ng	0.00
7) Phenol-d6	6.493	99	6947	14.48	ng	0.00
23) Nitrobenzene-d5	7.428	82	4459	11.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	1316	13.39	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	9386	12.05	ng	0.00
79) Terphenyl-d14	12.980	244	8764	12.11	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	656	2.56	ng	# 65
25) Isophorone	7.428	82	4459	6.46	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1358	7.80	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1358	5.75	ng	# 18
71) Phenanthrene	11.422	178	2003	2.05	ng	# 91
75) Fluoranthene	12.610	202	5721	5.75	ng	96
78) Pyrene	12.839	202	5582	5.68	ng	98
81) Benzo(a)anthracene	14.063	228	2596	3.20	ng	95
83) Chrysene	14.063	228	2596	3.32	ng	97
88) Benzo(b)fluoranthene	15.080	252	3975	6.30	ng	# 74
89) Benzo(k)fluoranthene	15.080	252	3975	6.89	ng	# 76
90) Benzo(a)pyrene	15.451	252	1756	3.33	ng	# 75

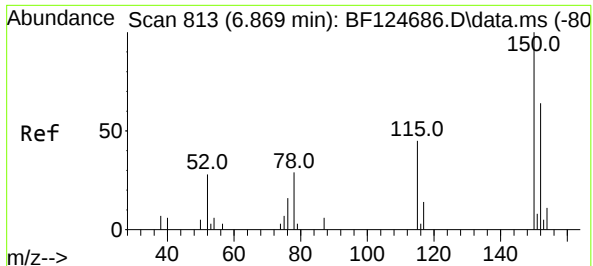
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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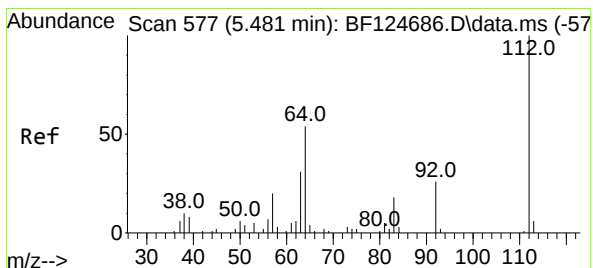
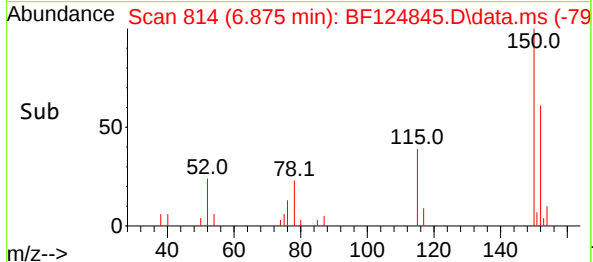
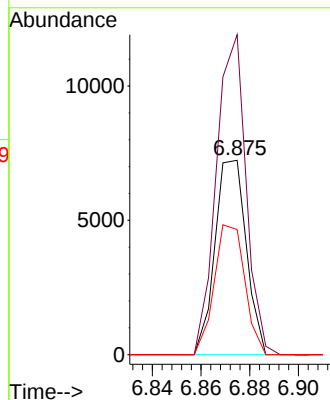
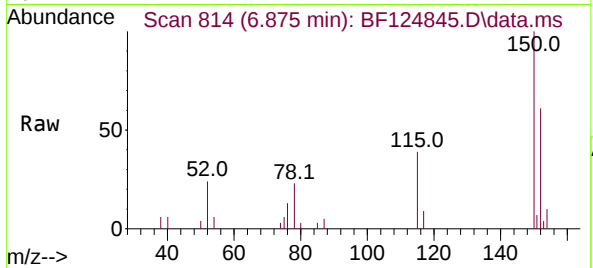




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

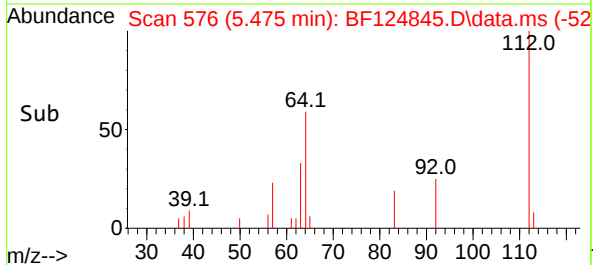
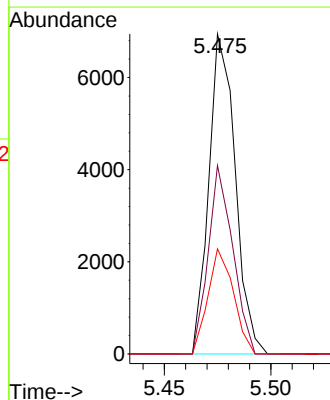
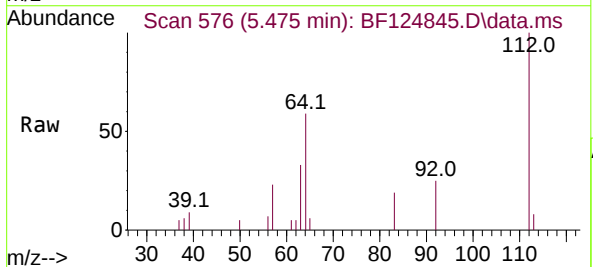
Instrument :
BNA_F
ClientSampleId :
EO-03-072721

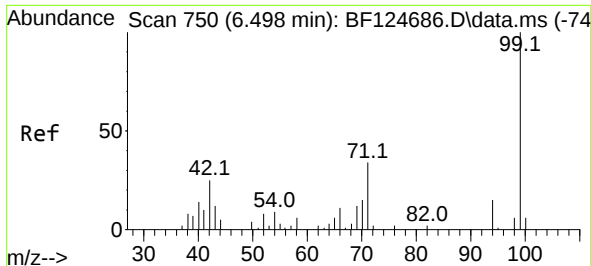
Tgt Ion:152 Resp: 6478
Ion Ratio Lower Upper
152 100
150 164.6 117.6 176.4
115 64.4 47.1 70.7



#5
2-Fluorophenol
Concen: 15.64 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

Tgt Ion:112 Resp: 5982
Ion Ratio Lower Upper
112 100
64 58.9 44.2 66.2
63 32.9 26.2 39.2

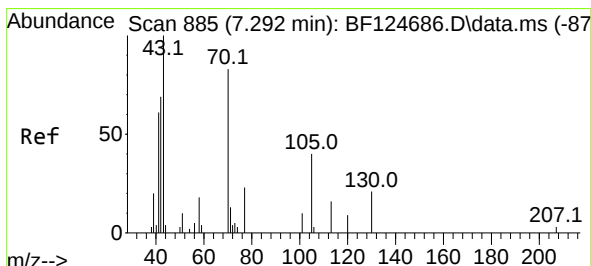
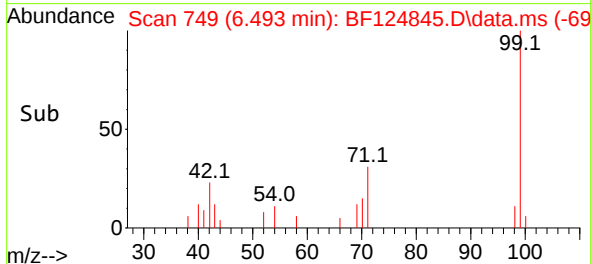
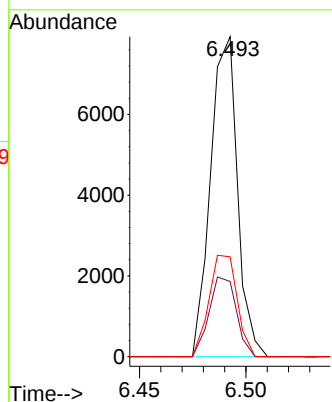
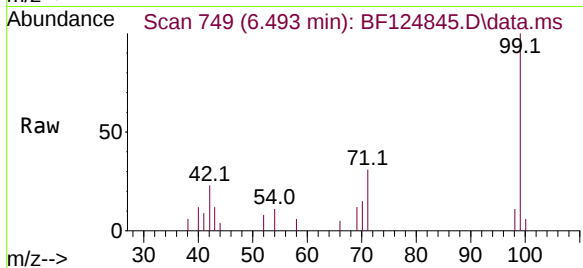




#7
Phenol-d6
Concen: 14.48 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

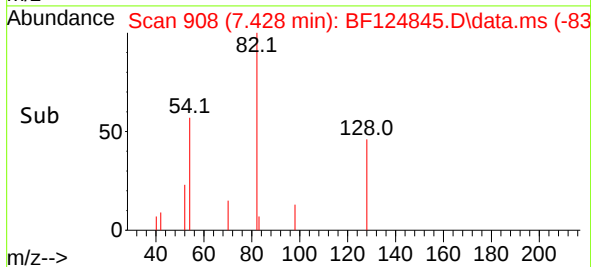
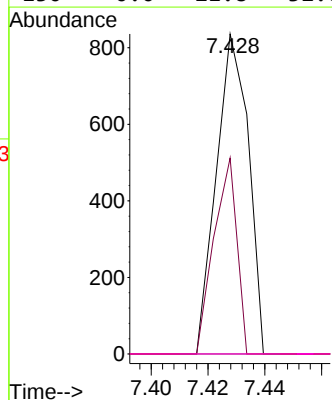
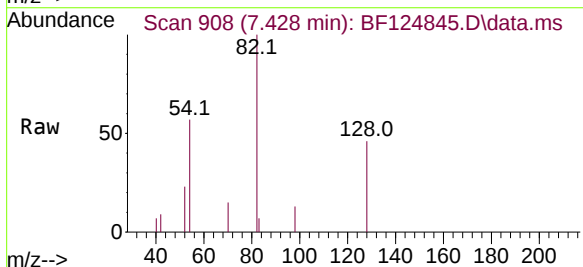
Instrument :
BNA_F
ClientSampleId :
EO-03-072721

Tgt Ion: 99 Resp: 6947
Ion Ratio Lower Upper
99 100
42 23.5 23.5 35.3#
71 31.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 2.56 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

Tgt Ion: 70 Resp: 656
Ion Ratio Lower Upper
70 100
42 61.2 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

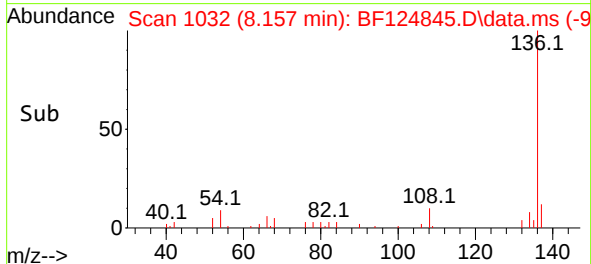
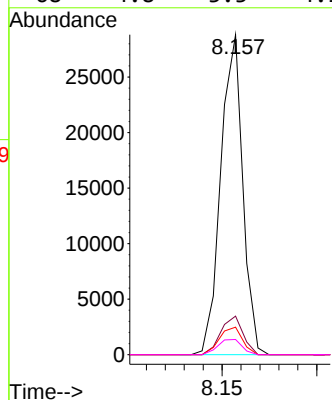
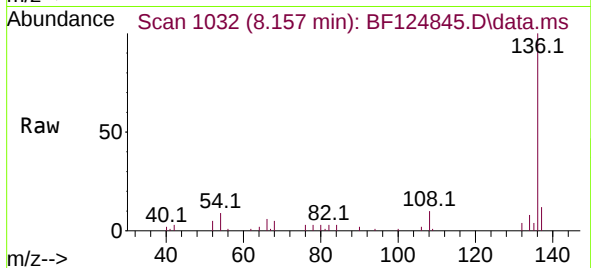




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

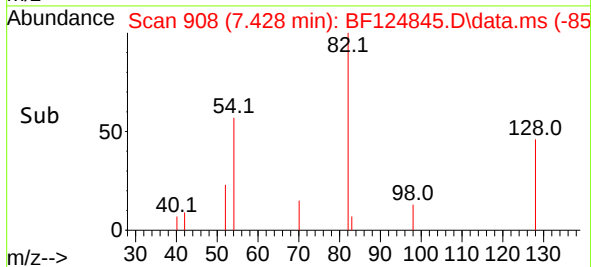
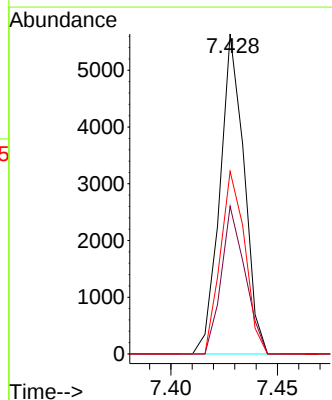
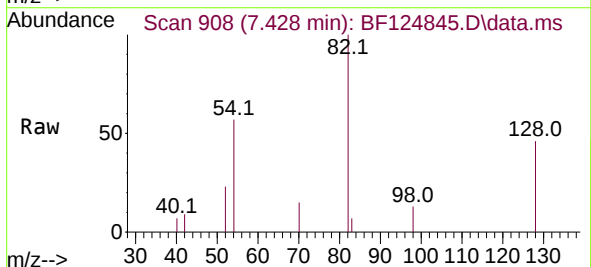
Instrument :
BNA_F
ClientSampleId :
EO-03-072721

Tgt Ion:	136	Resp:	23232
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.8	14.6
54	8.6	6.4	9.6
68	4.8	3.3	4.9



#23
Nitrobenzene-d5
Concen: 11.42 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

Tgt Ion:	82	Resp:	4459
Ion	Ratio	Lower	Upper
82	100		
128	46.2	40.6	60.8
54	57.1	49.6	74.4

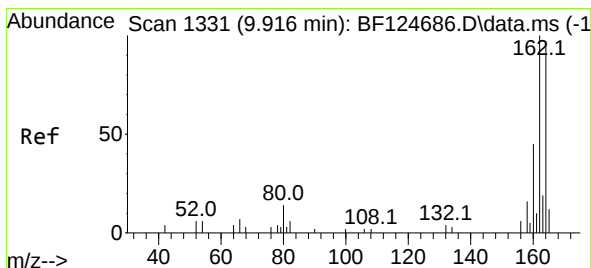
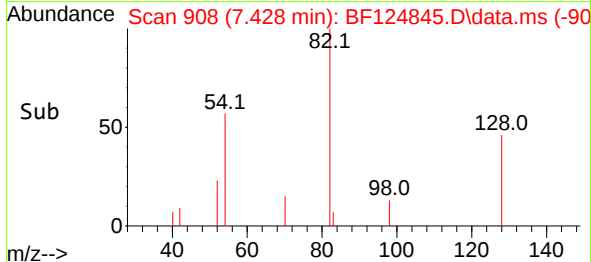
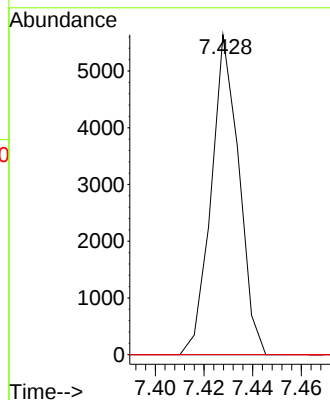
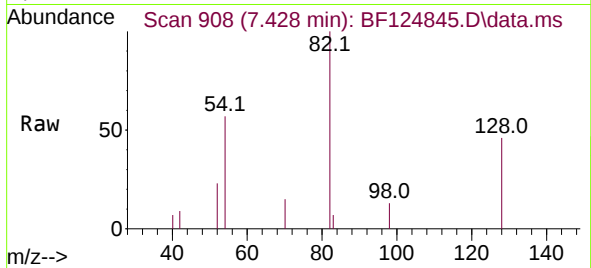




#25
Isophorone
Concen: 6.46 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

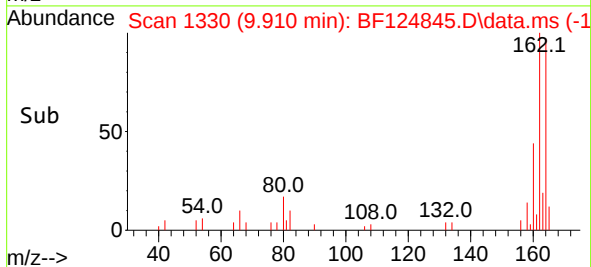
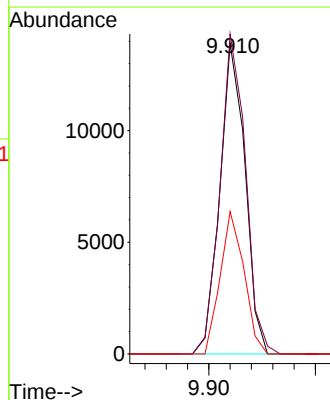
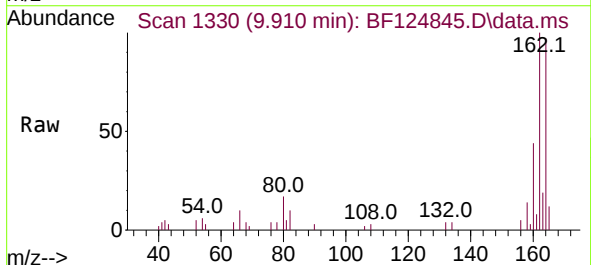
Instrument :
BNA_F
ClientSampleId :
EO-03-072721

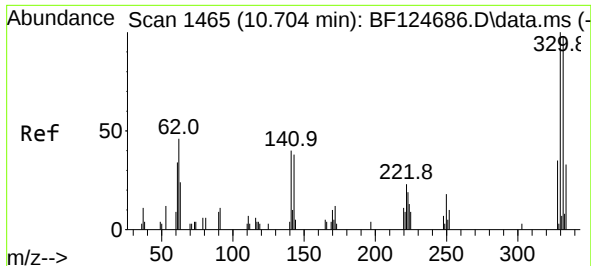
Tgt Ion: 82 Resp: 4459
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

Tgt Ion: 164 Resp: 11445
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 45.8 38.0 57.0

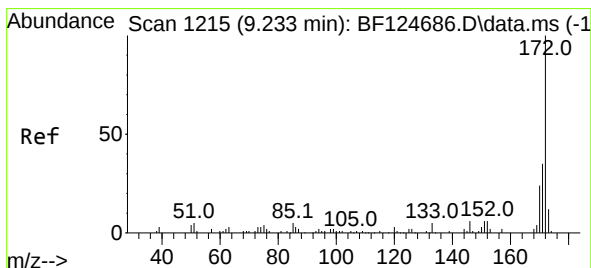
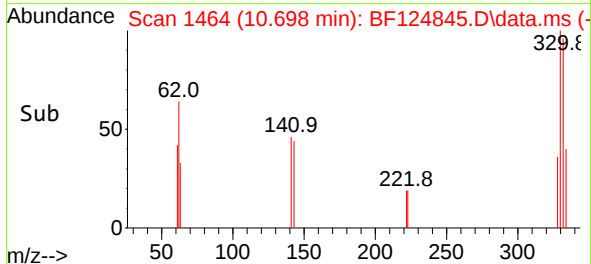
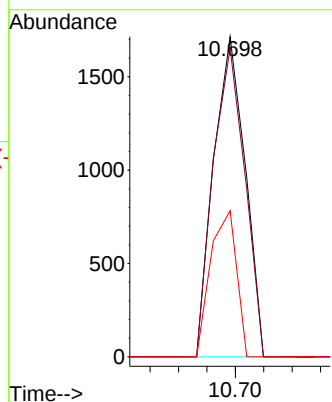
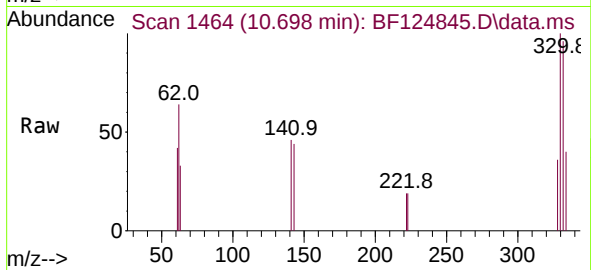




#42
2,4,6-Tribromophenol
Concen: 13.39 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

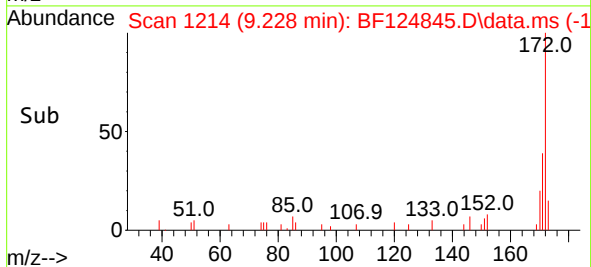
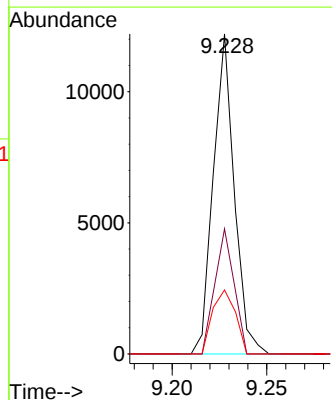
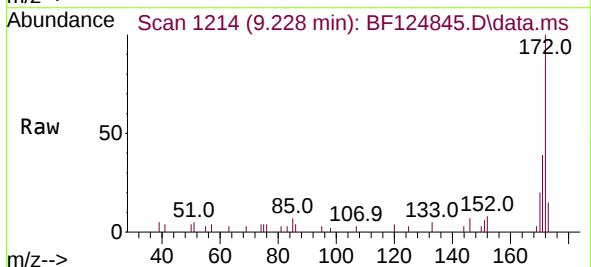
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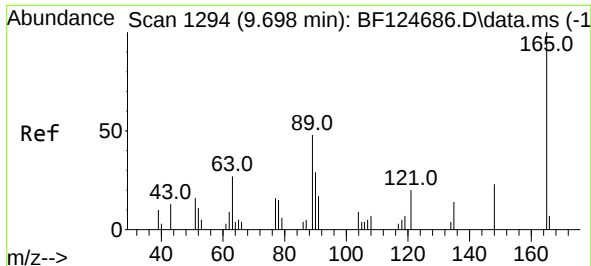
Tgt Ion: 330 Resp: 1316
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 37.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 12.05 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

Tgt Ion: 172 Resp: 9386
Ion Ratio Lower Upper
172 100
171 39.1 26.5 39.7
170 20.0 18.8 28.2

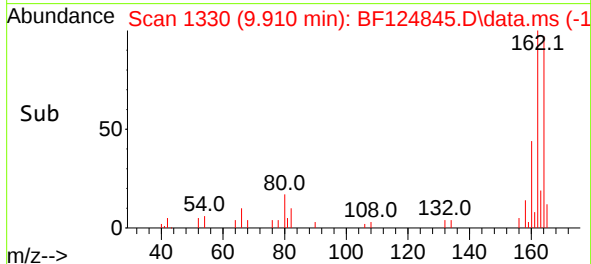
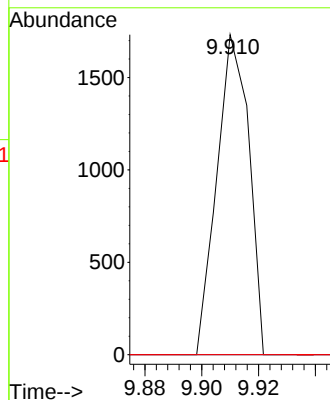
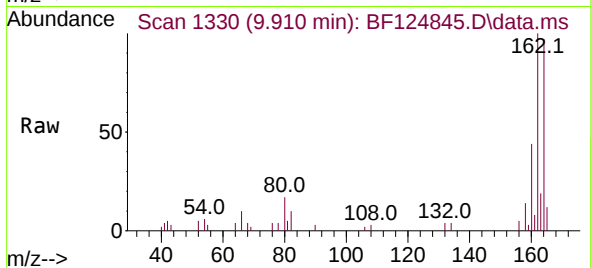




#51
2,6-Dinitrotoluene
Concen: 7.80 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

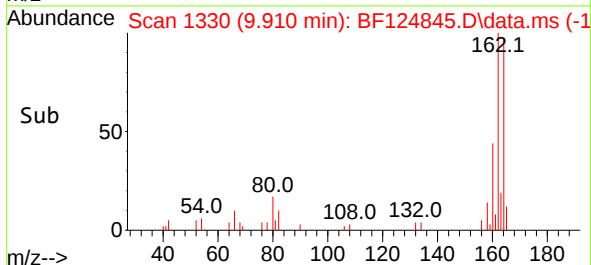
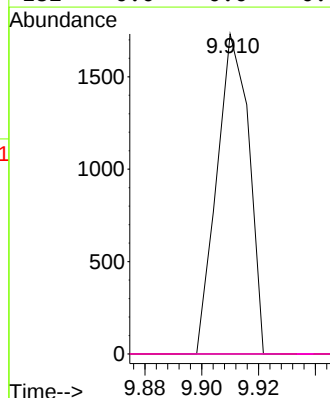
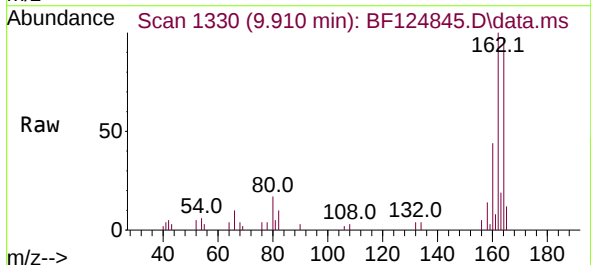
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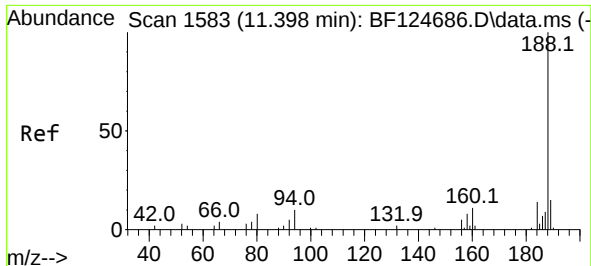
Tgt Ion:165 Resp: 1358
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

Tgt Ion:165 Resp: 1358
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

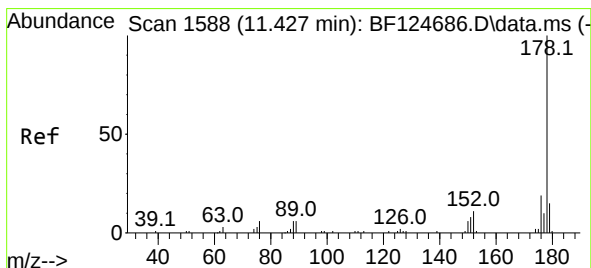
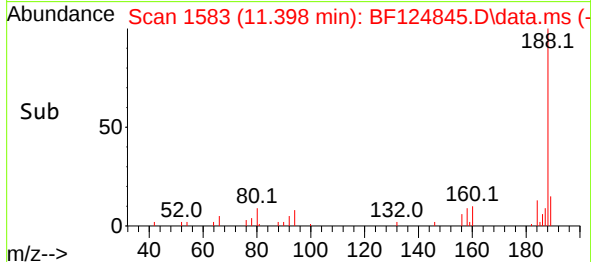
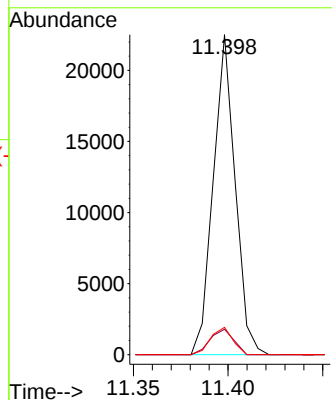
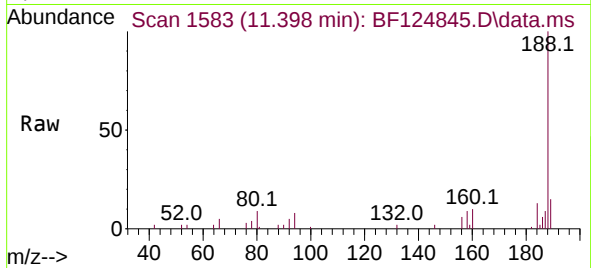




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

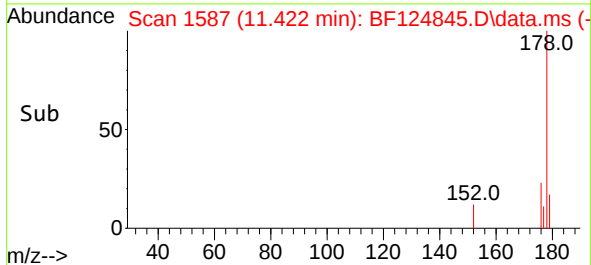
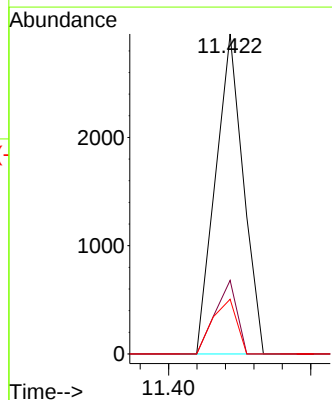
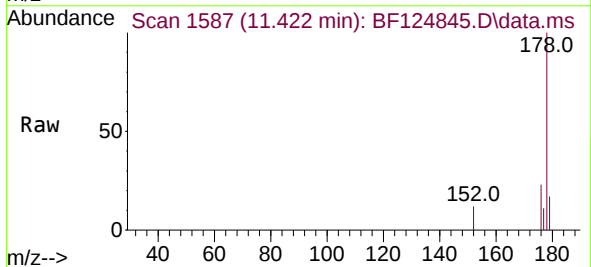
Instrument :
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EO-03-072721

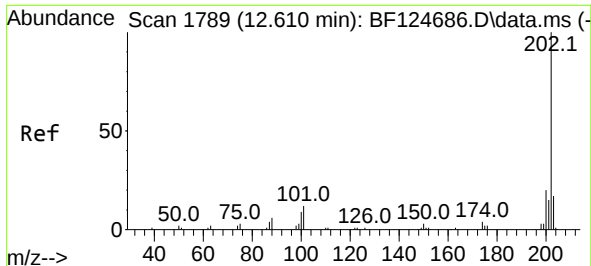
Tgt Ion:188 Resp: 18137
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.6 7.5 11.3



#71
Phenanthrene
Concen: 2.05 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

Tgt Ion:178 Resp: 2003
Ion Ratio Lower Upper
178 100
176 23.0 14.7 22.1#
179 17.1 11.5 17.3

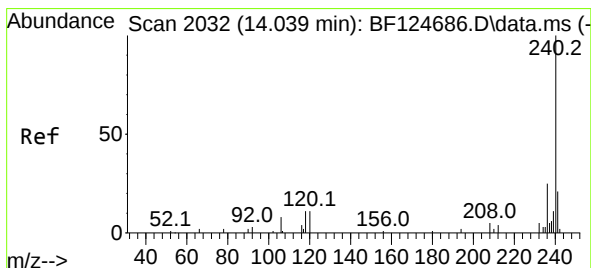
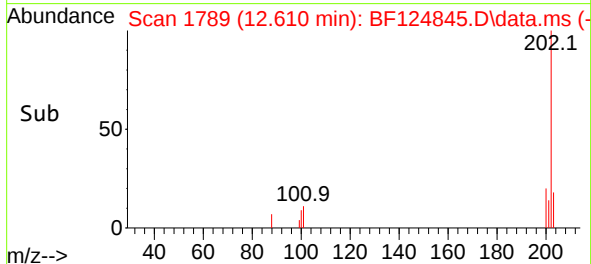
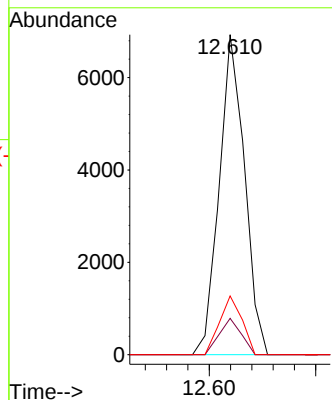
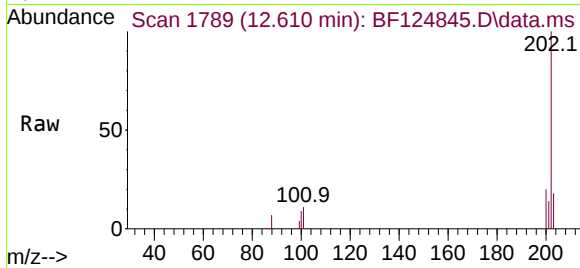




#75
Fluoranthene
Concen: 5.75 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

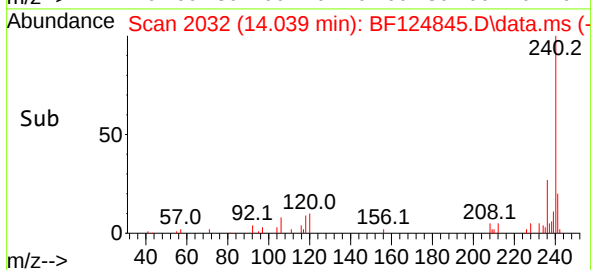
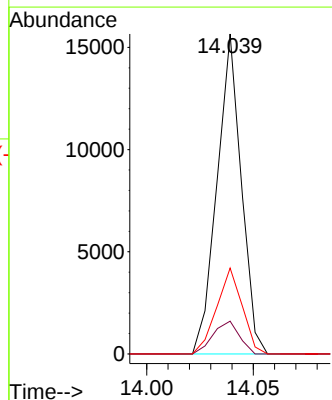
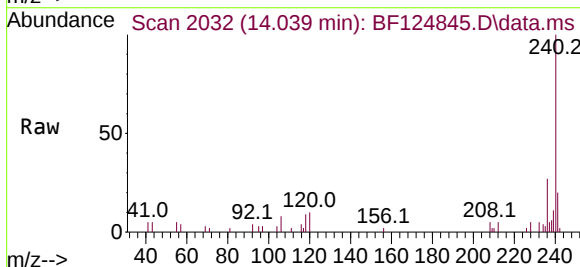
Instrument :
BNA_F
ClientSampleId :
EO-03-072721

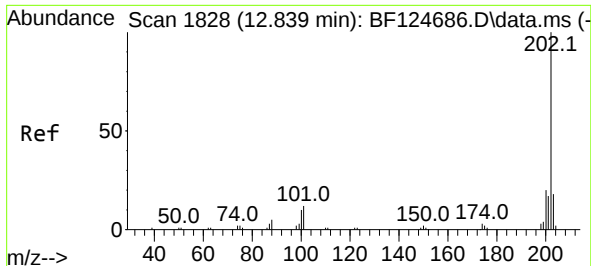
Tgt Ion:	202	Resp:	5721
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	30.7
203	18.4	0.0	36.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

Tgt Ion:	240	Resp:	12404
Ion Ratio	Lower	Upper	
240	100		
120	10.3	10.8	16.2#
236	26.8	21.6	32.4

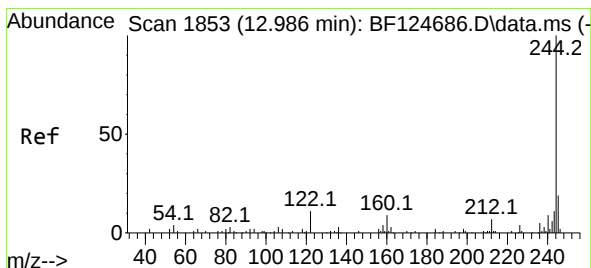
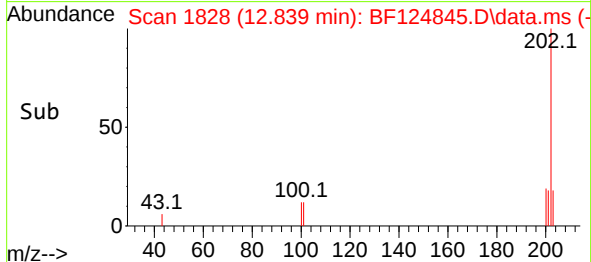
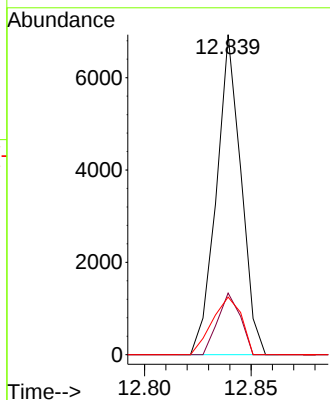
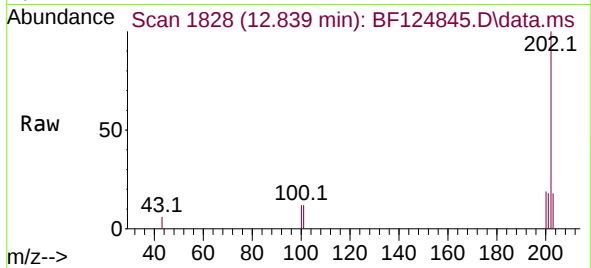




#78
Pyrene
Concen: 5.68 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

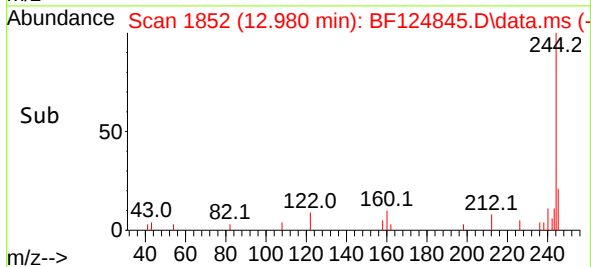
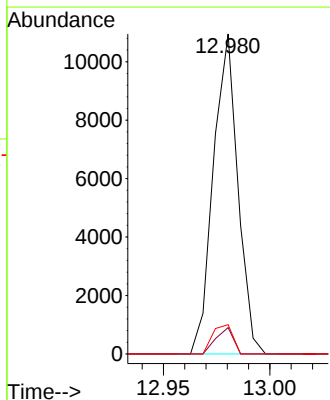
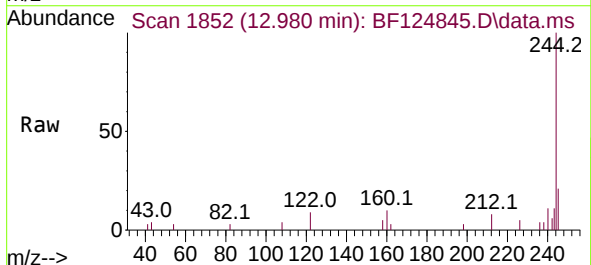
Instrument :
BNA_F
ClientSampleId :
EO-03-072721

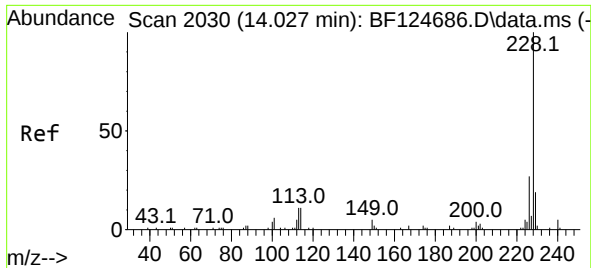
Tgt Ion:	202	Resp:	5582
Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.3	22.9
203	18.0	13.4	20.0



#79
Terphenyl-d14
Concen: 12.11 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

Tgt Ion:	244	Resp:	8764
Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.9	8.9
122	9.1	9.0	13.4

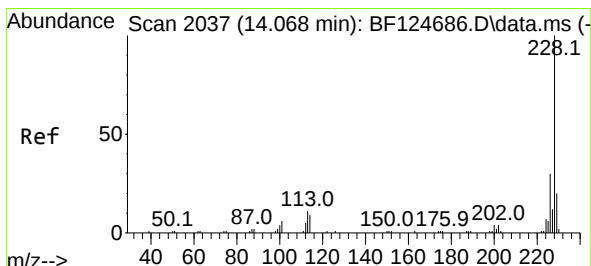
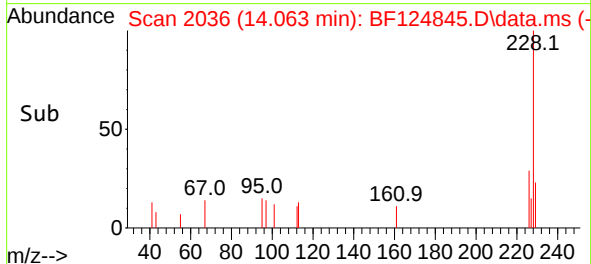
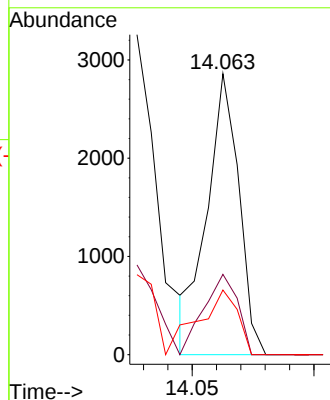
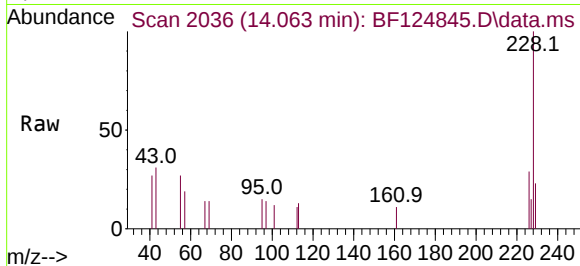




#81
Benzo(a)anthracene
Concen: 3.20 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.035 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

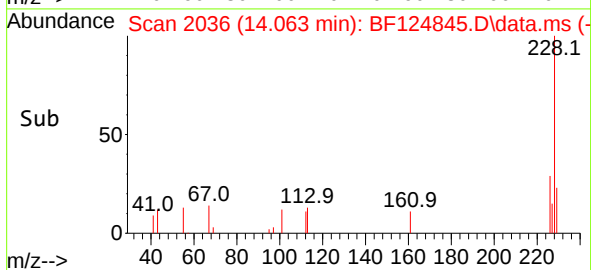
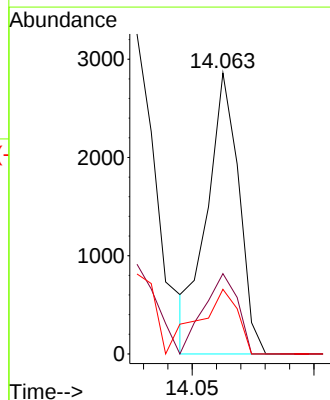
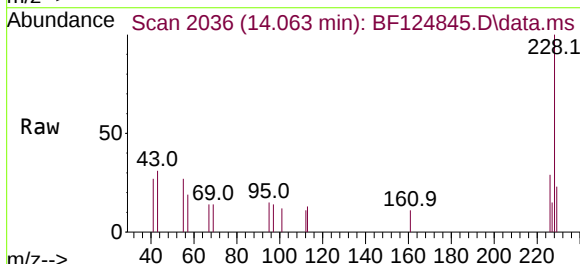
Instrument :
BNA_F
ClientSampleId :
EO-03-072721

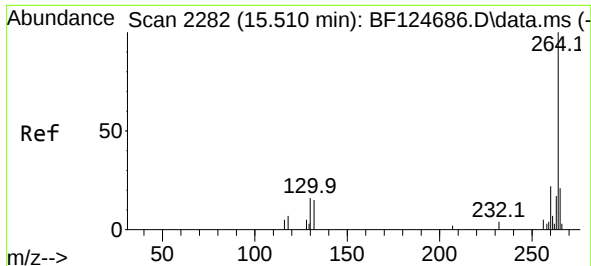
Tgt Ion:228	Resp:	2596
Ion Ratio	Lower	Upper
228	100	
226	28.6	21.6 32.4
229	23.0	15.6 23.4



#83
Chrysene
Concen: 3.32 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

Tgt Ion:228	Resp:	2596
Ion Ratio	Lower	Upper
228	100	
226	28.6	22.6 34.0
229	23.0	15.9 23.9

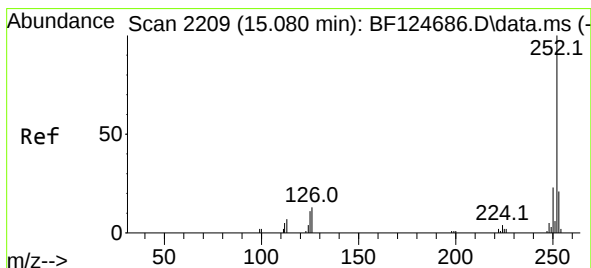
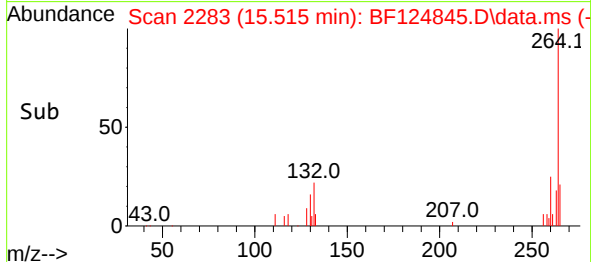
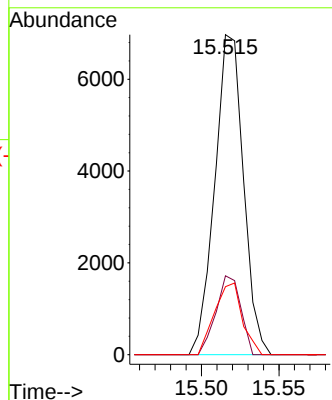
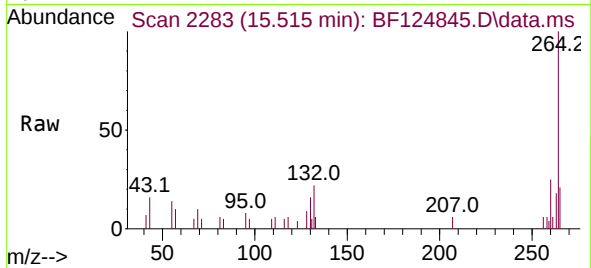




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

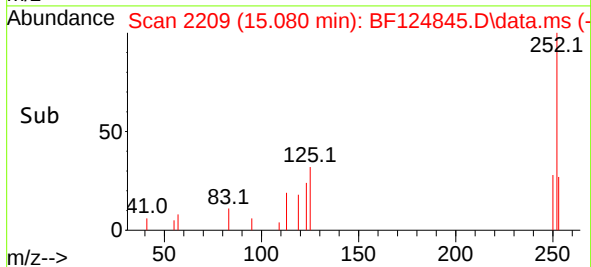
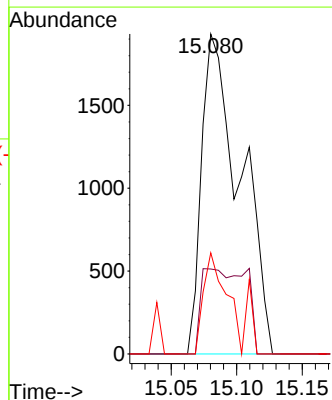
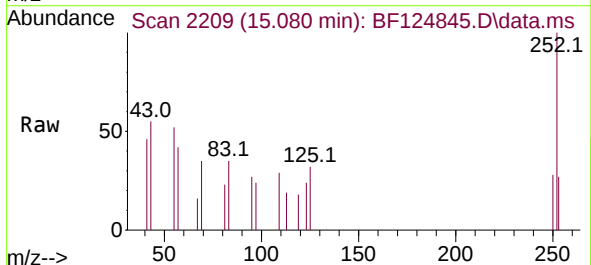
Instrument :
BNA_F
ClientSampleId :
EO-03-072721

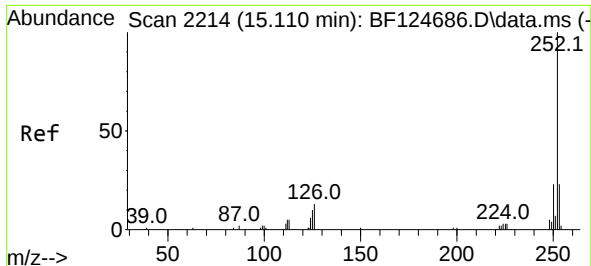
Tgt Ion:264 Resp: 8962
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 21.3 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 6.30 ng
RT: 15.080 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF124845.D
Acq: 29 Jul 2021 00:49

Tgt Ion:252 Resp: 3975
Ion Ratio Lower Upper
252 100
253 26.6 16.8 25.2#
125 31.6 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 6.89 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.029 min

Lab File: BF124845.D

Acq: 29 Jul 2021 00:49

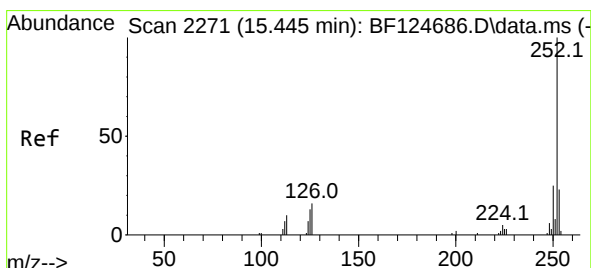
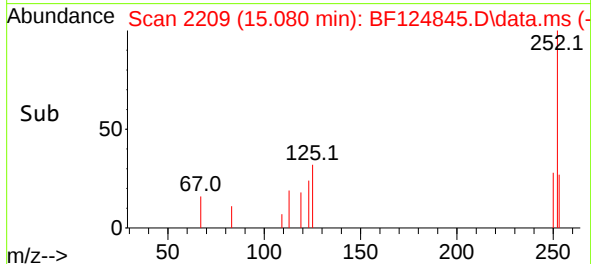
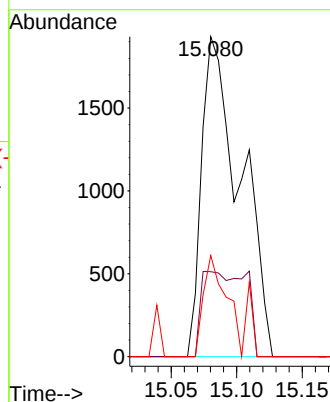
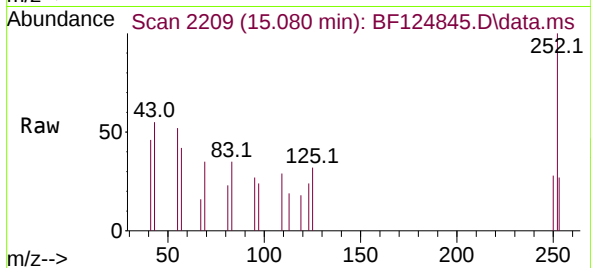
Instrument :

BNA_F

ClientSampleId :

EO-03-072721

Tgt Ion:252	Resp:	3975
Ion Ratio	Lower	Upper
252	100	
253	26.6	17.8 26.8
125	31.6	7.2 10.8#



#90

Benzo(a)pyrene

Concen: 3.33 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF124845.D

Acq: 29 Jul 2021 00:49

Tgt Ion:252	Resp:	1756
Ion Ratio	Lower	Upper
252	100	
253	34.7	18.4 27.6#
125	23.3	9.9 14.9#

