

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124745.D
 Acq On : 24 Jul 2021 13:51
 Operator : JU/CG
 Sample : M3143-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1

Manual Integrations
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Quant Time: Jul 25 04:28:21 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	6.869	152	6657	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	26014	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	14238	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	23847	20.000	ng	0.00
76) Chrysene-d12	14.027	240	12210	20.000	ng	-0.01
86) Perylene-d12	15.498	264	13456	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	32325	82.216	ng	0.00
7) Phenol-d6	6.492	99	39795	80.737	ng	0.00
23) Nitrobenzene-d5	7.428	82	25162	57.568	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	9660	79.020	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	48864	50.407	ng	0.00
79) Terphenyl-d14	12.974	244	33305	46.756	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.416	178	5249	4.092	ng	94
75) Fluoranthene	12.604	202	5276	4.031	ng	94
78) Pyrene	12.827	202	5528	5.719	ng	97
81) Benzo(a)anthracene	14.015	228	1655	2.074	ng #	88
83) Chrysene	14.051	228	1968	2.559	ng #	91
88) Benzo(b)fluoranthene	15.062	252	2125m	2.243	ng	
90) Benzo(a)pyrene	15.427	252	1637	2.068	ng #	87

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

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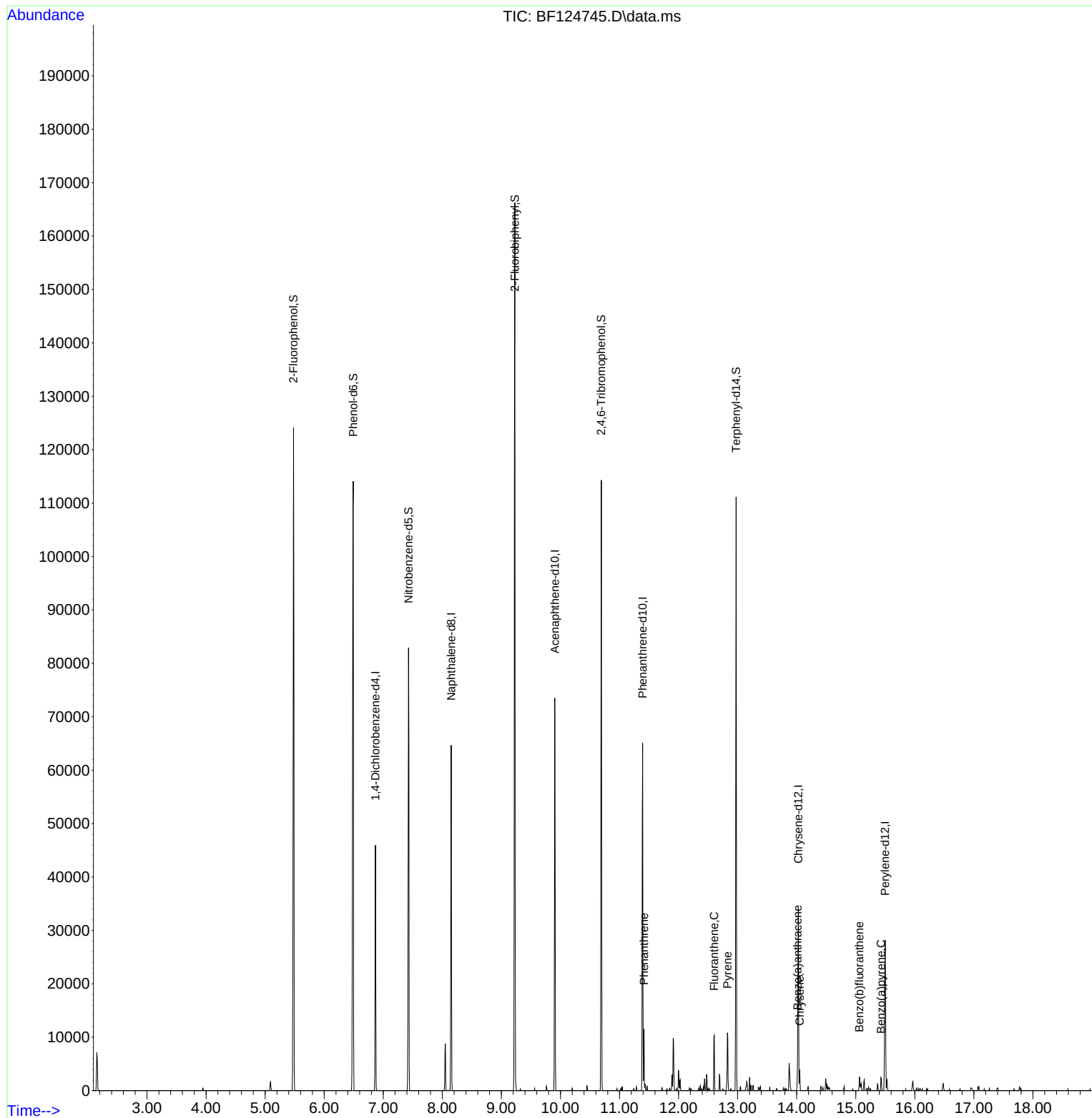
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

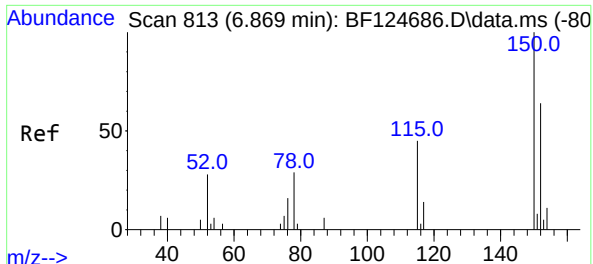
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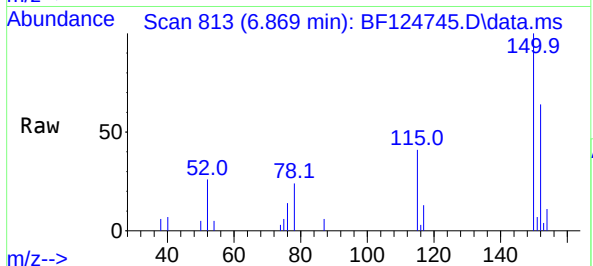
Quant Time: Jul 25 04:28:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

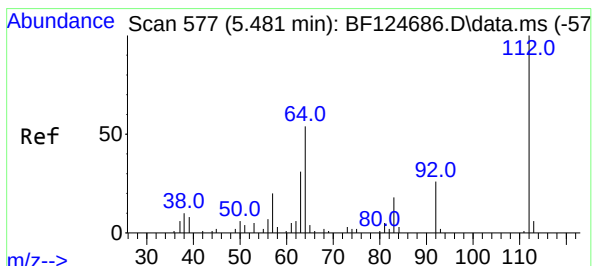
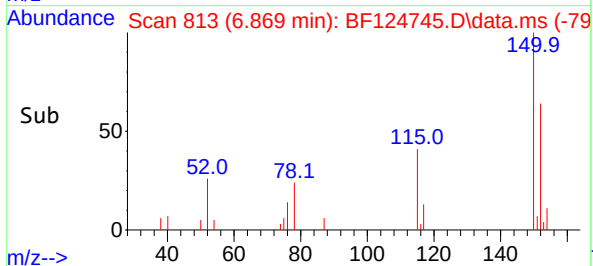
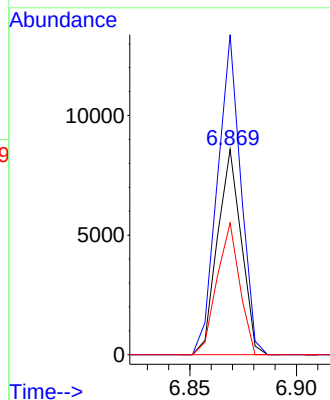


Tgt Ion:152 Resp: 6657
Ion Ratio Lower Upper
152 100
150 155.9 117.6 176.4
115 64.2 47.1 70.7

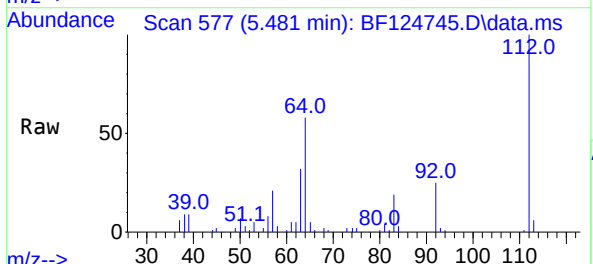
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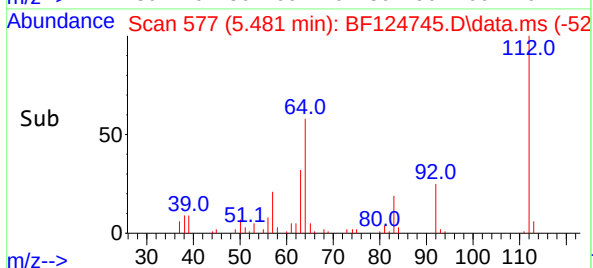
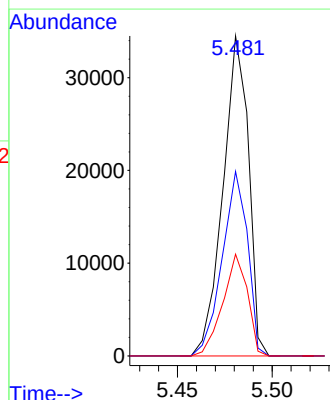
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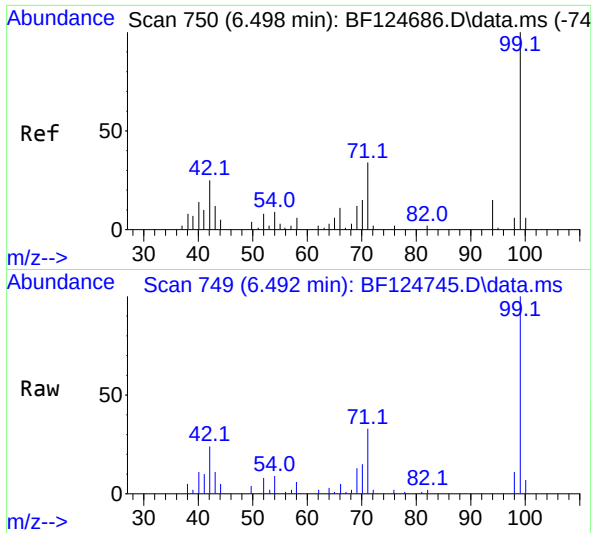


#5
2-Fluorophenol
Concen: 82.216 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51



Tgt Ion:112 Resp: 32325
Ion Ratio Lower Upper
112 100
64 57.7 44.2 66.2
63 31.8 26.2 39.2





#7
Phenol-d6
Concen: 80.737 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

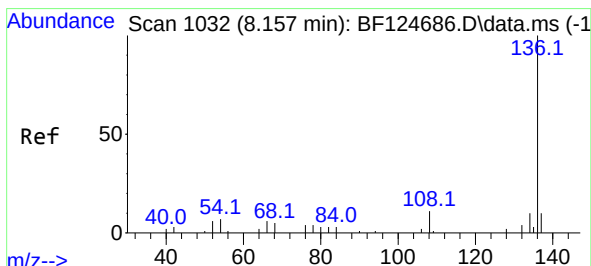
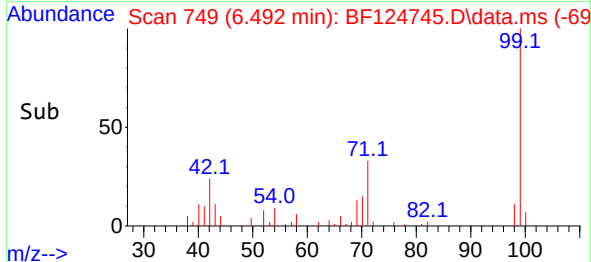
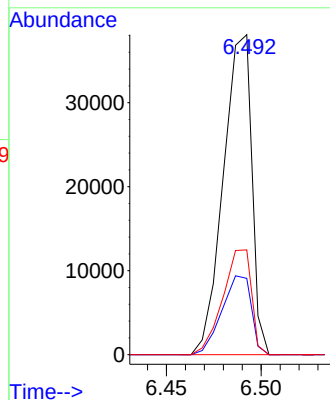
Tgt Ion: 99	Resp: 39795
Ion Ratio	Lower Upper
99 100	
42 23.8	23.5 35.3
71 32.7	25.6 38.4

Instrument :
BNA_F
ClientSampled :
STOCK-PILE-1

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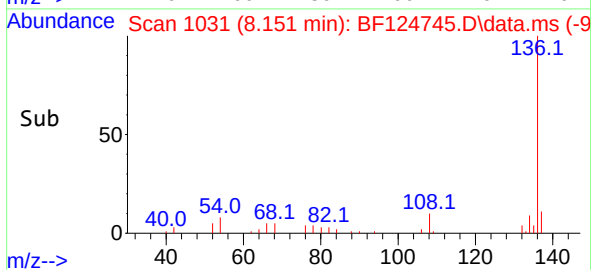
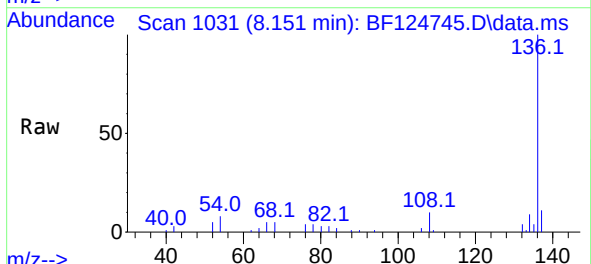
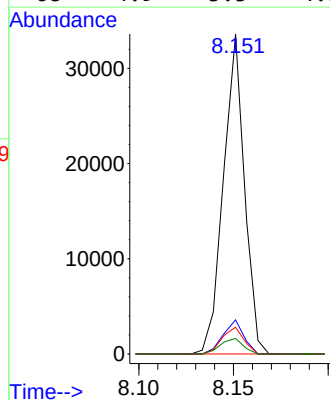
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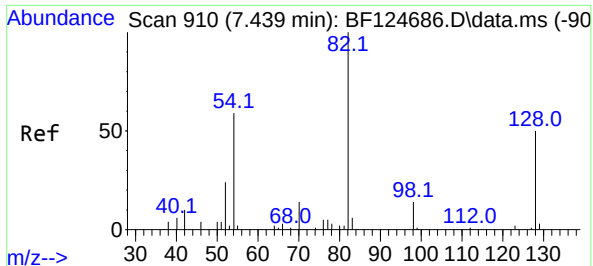
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Tgt Ion:136	Resp: 26014		
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	8.3	6.4	9.6
68	4.9	3.3	4.9





#23

Nitrobenzene-d5

Concen: 57.568 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF124745.D

Acq: 24 Jul 2021 13:51

Tgt Ion:	82	Resp:	25162
Ion Ratio	Lower	Upper	
82	100		
128	45.6	40.6	60.8
54	56.7	49.6	74.4

Instrument :

BNA_F

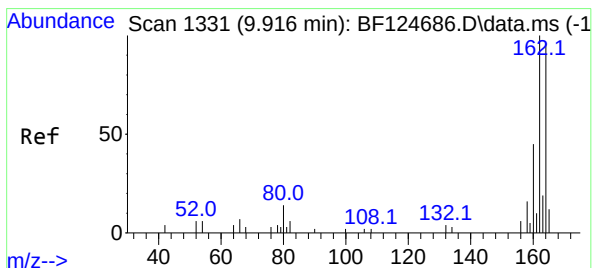
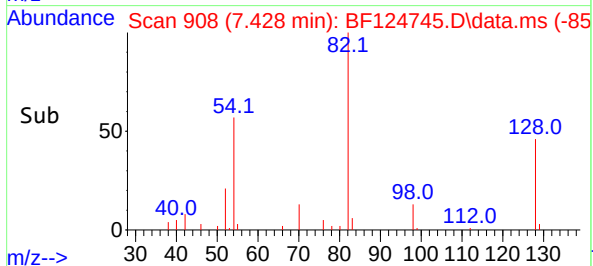
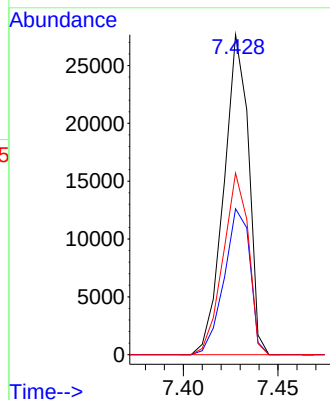
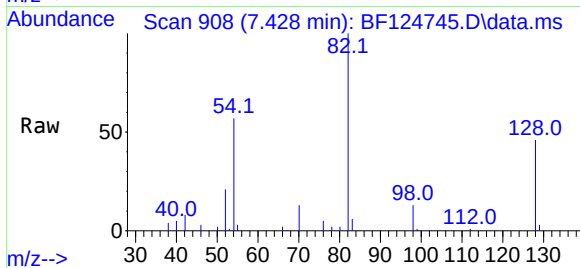
ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.000 ng

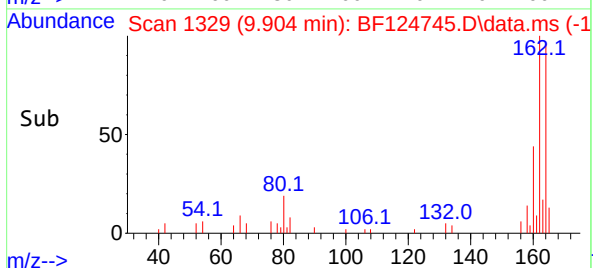
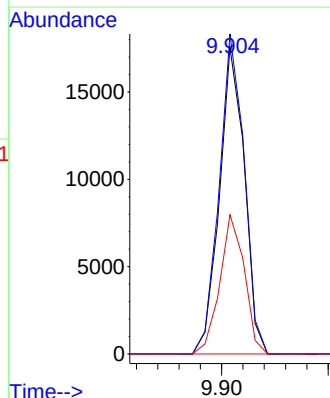
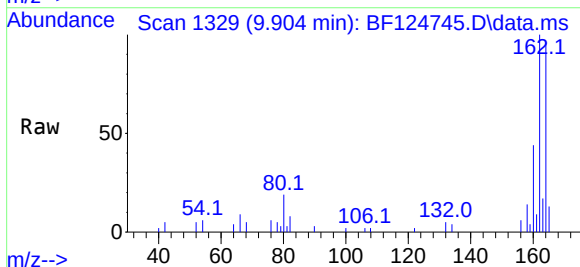
RT: 9.904 min Scan# 1329

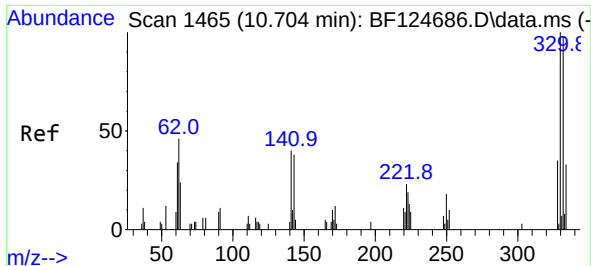
Delta R.T. -0.012 min

Lab File: BF124745.D

Acq: 24 Jul 2021 13:51

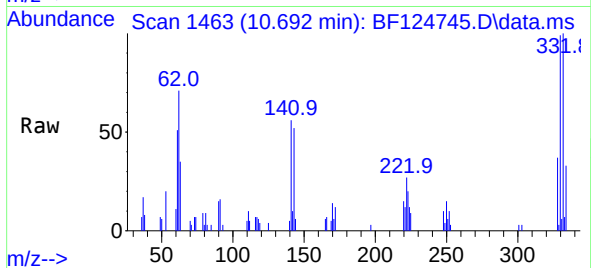
Tgt Ion:	164	Resp:	14238
Ion Ratio	Lower	Upper	
164	100		
162	104.4	81.3	121.9
160	45.4	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 79.020 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Instrument :
BNA_F
ClientSampled :
STOCK-PILE-1

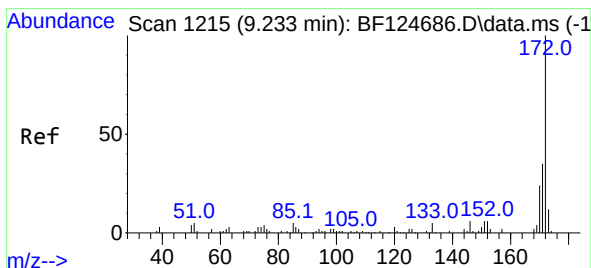
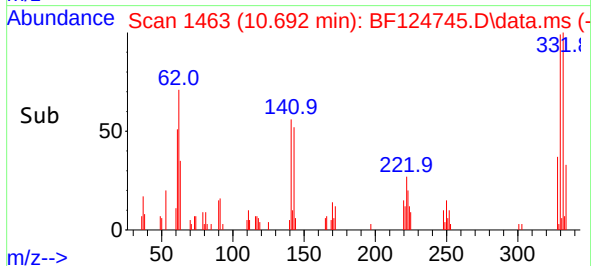
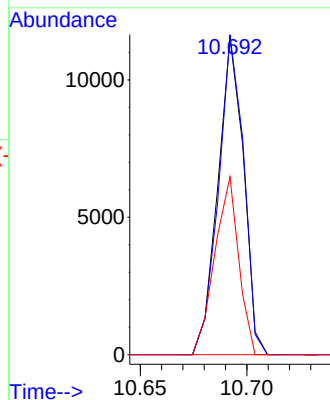


Tgt Ion:330 Resp: 9660
Ion Ratio Lower Upper
330 100
332 99.0 76.2 114.4
141 52.3 44.6 66.8

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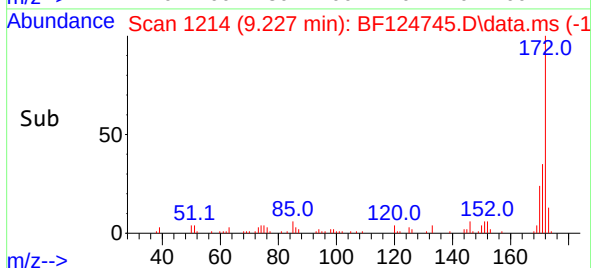
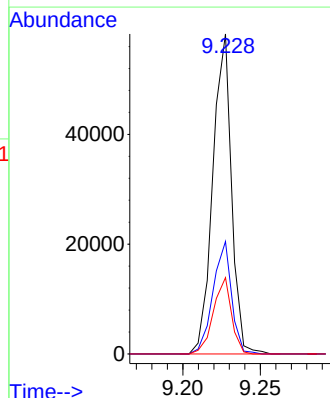
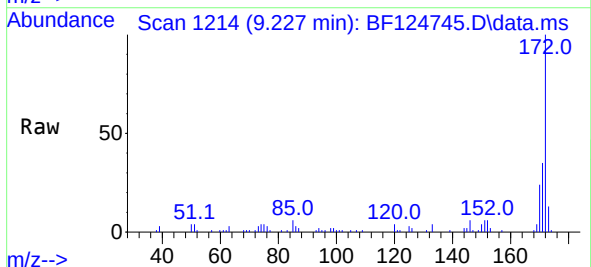
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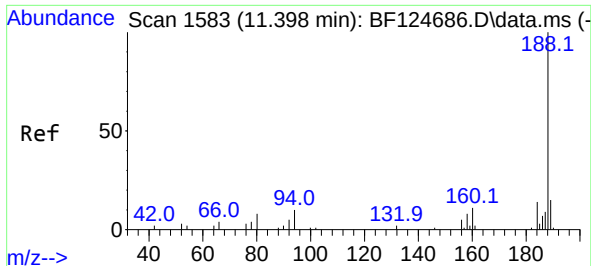
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#45
2-Fluorobiphenyl
Concen: 50.407 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

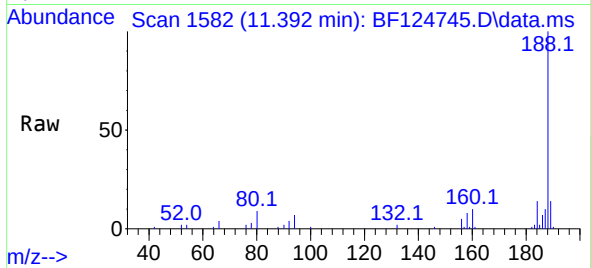
Tgt Ion:172 Resp: 48864
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.9 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

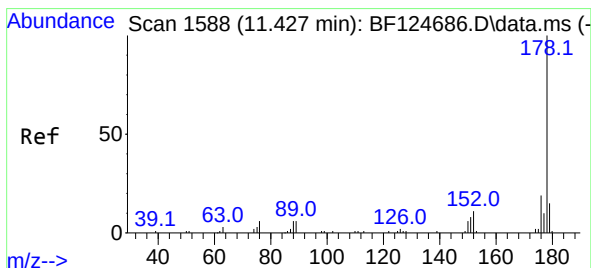
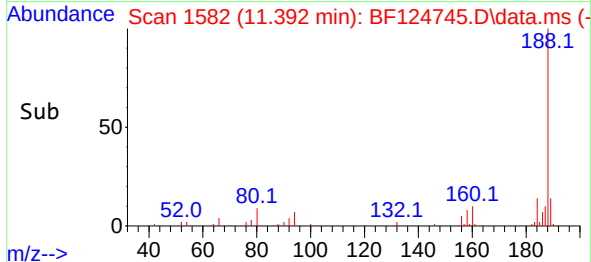
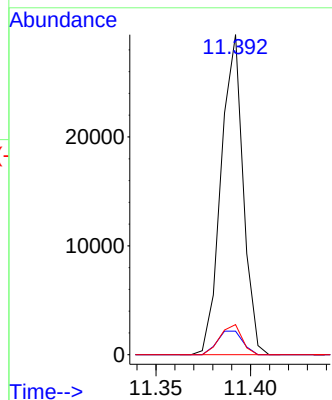


Tgt Ion:188 Resp: 23847
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 9.4 7.5 11.3

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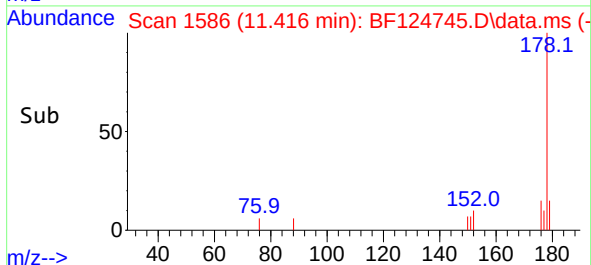
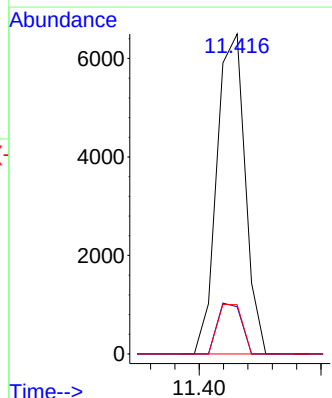
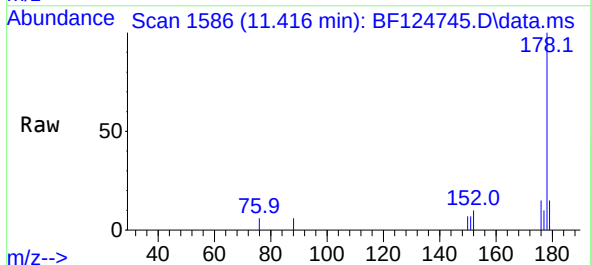
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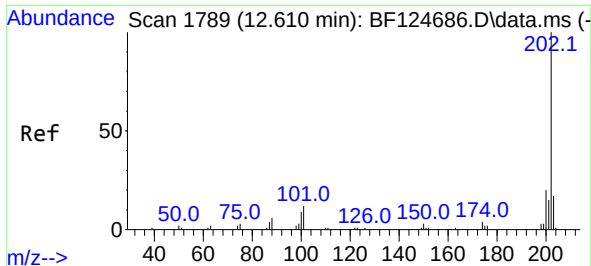
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#71
Phenanthrene
Concen: 4.092 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

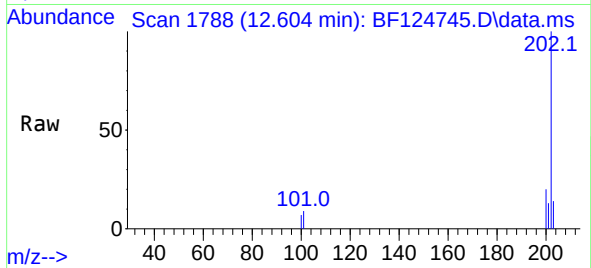
Tgt Ion:178 Resp: 5249
Ion Ratio Lower Upper
178 100
176 14.7 14.7 22.1
179 15.4 11.5 17.3





#75
Fluoranthene
Concen: 4.031 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

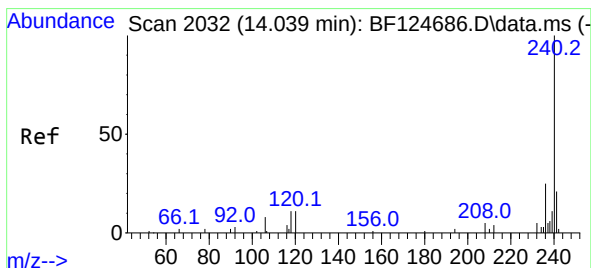
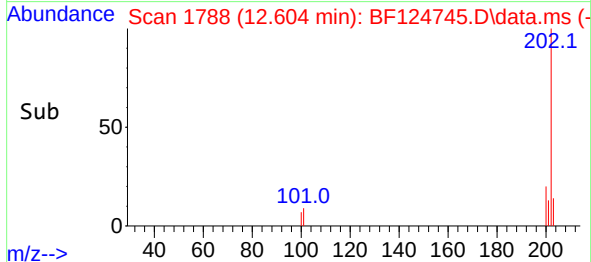
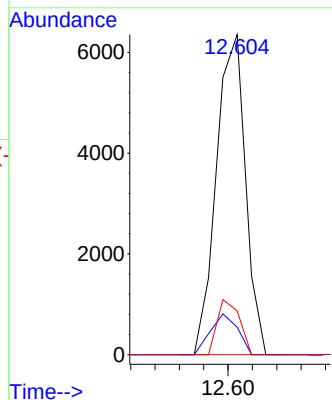


Tgt Ion:202 Resp: 5276
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.7
203 13.7 0.0 36.3

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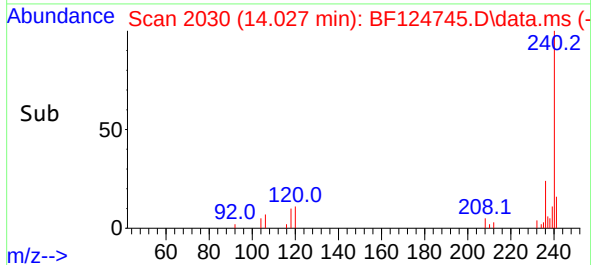
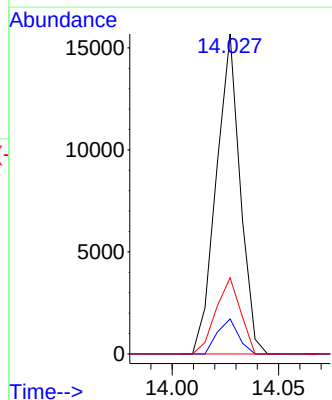
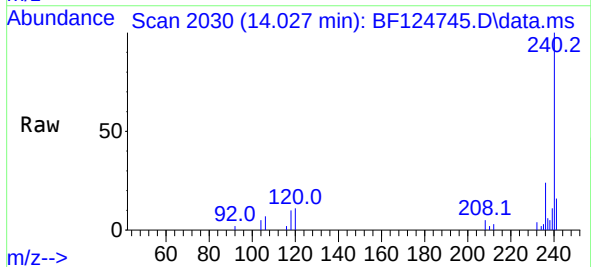
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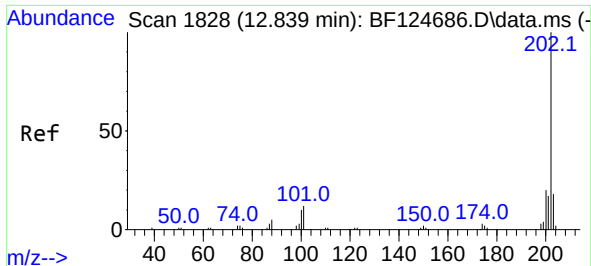
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

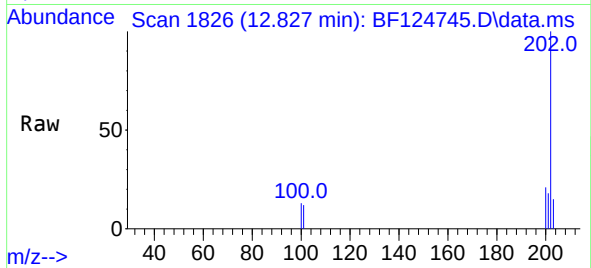
Tgt Ion:240 Resp: 12210
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 23.8 21.6 32.4





#78
Pyrene
Concen: 5.719 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

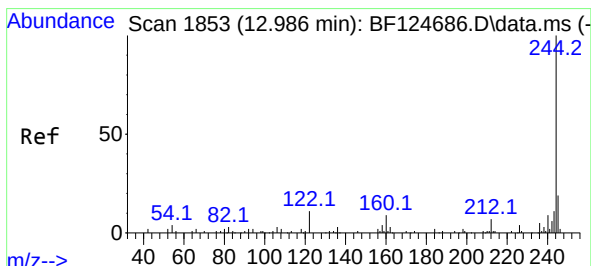
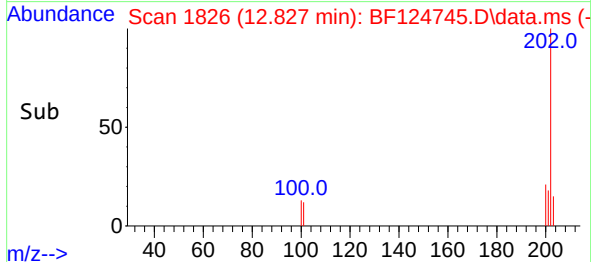
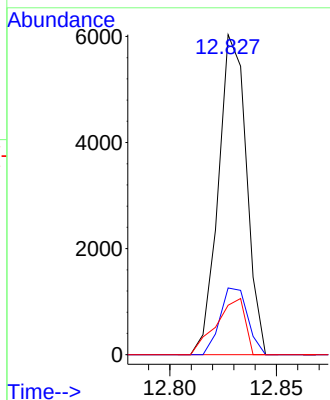


Tgt Ion:202 Resp: 5528
Ion Ratio Lower Upper
202 100
200 20.9 15.3 22.9
203 15.4 13.4 20.0

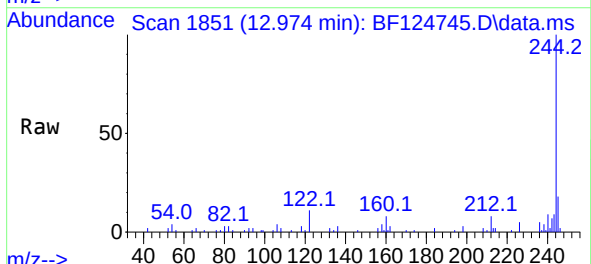
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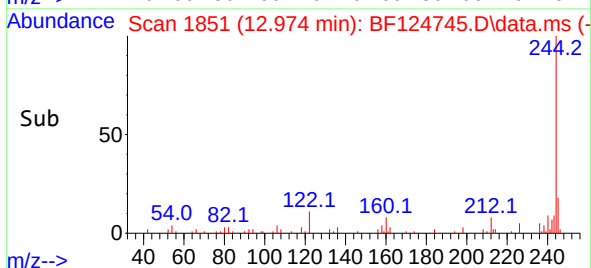
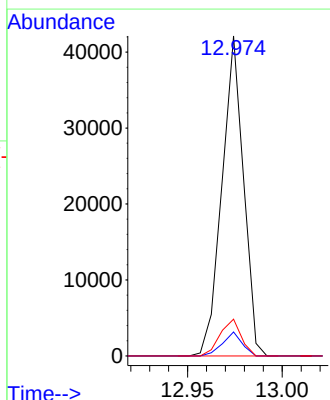
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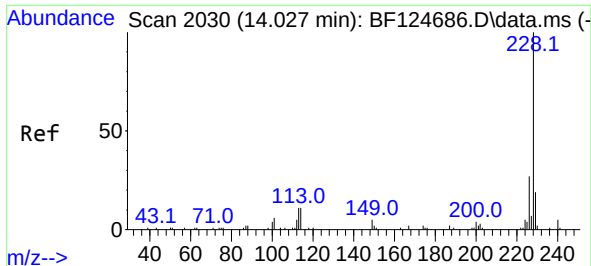


#79
Terphenyl-d14
Concen: 46.756 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

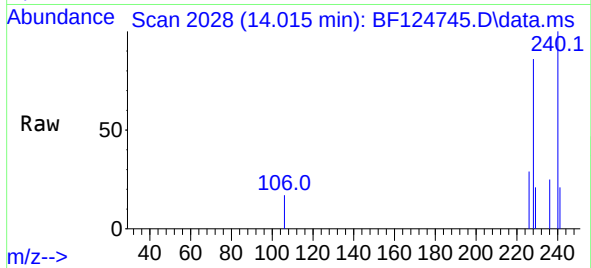


Tgt Ion:244 Resp: 33305
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 11.5 9.0 13.4

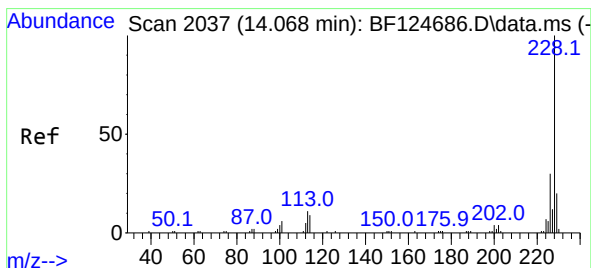
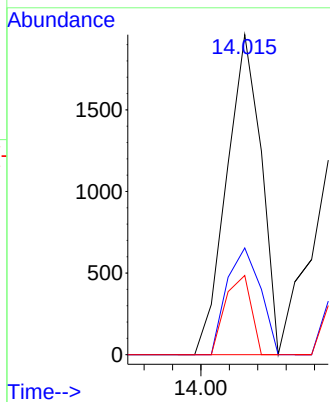
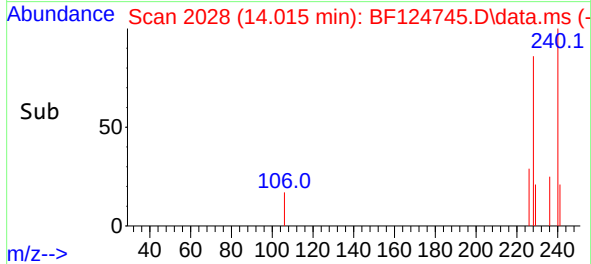




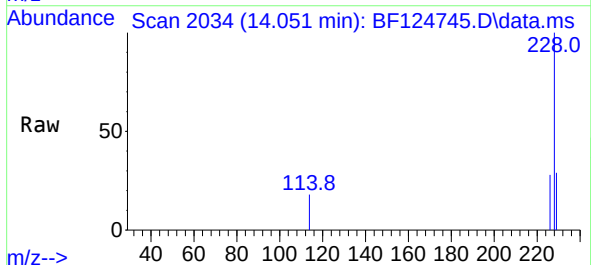
#81
Benzo(a)anthracene
Concen: 2.074 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51



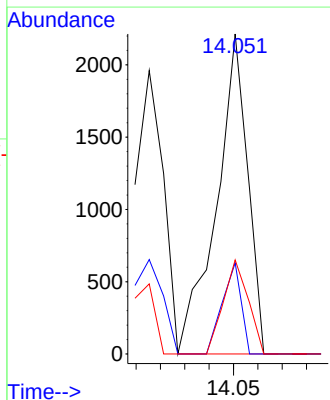
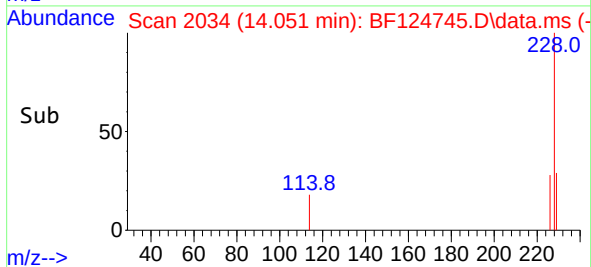
Tgt Ion:228 Resp: 1655
Ion Ratio Lower Upper
228 100
226 33.4 21.6 32.4#
229 24.7 15.6 23.4#



#83
Chrysene
Concen: 2.559 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.018 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51



Tgt Ion:228 Resp: 1968
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 29.4 15.9 23.9#

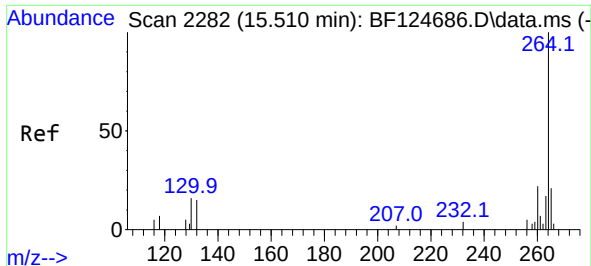


Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

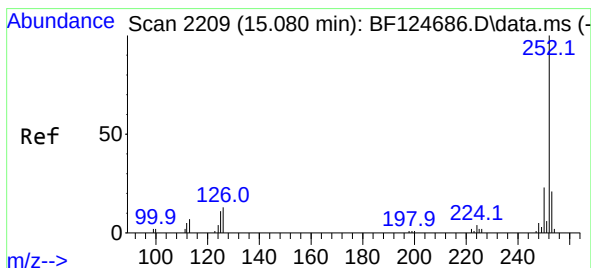
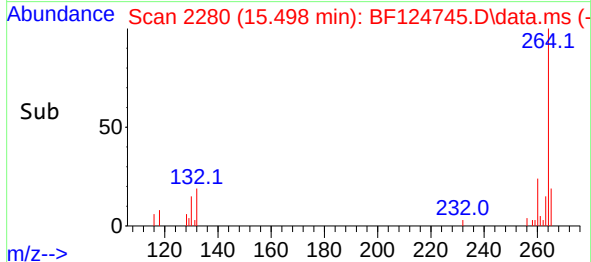
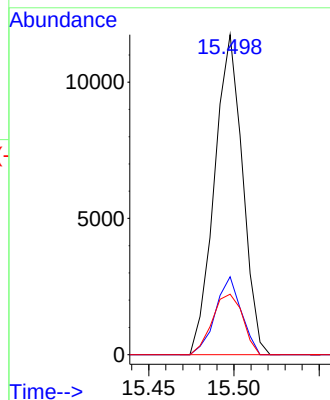
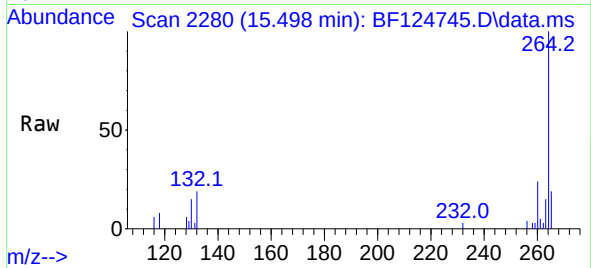
Tgt Ion:264	Resp:	13456
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.6 29.4
265	18.9	17.2 25.8

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1

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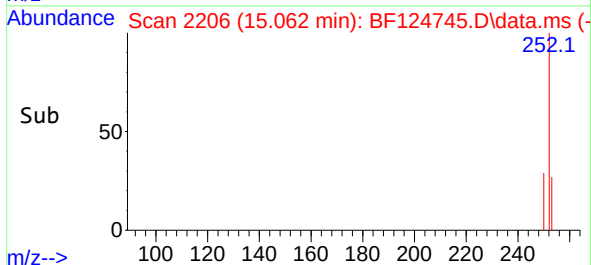
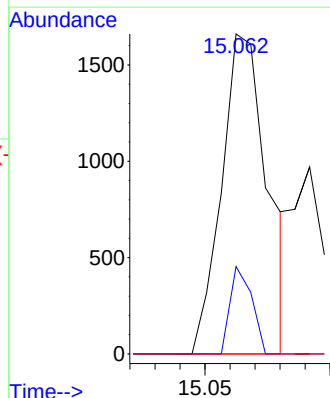
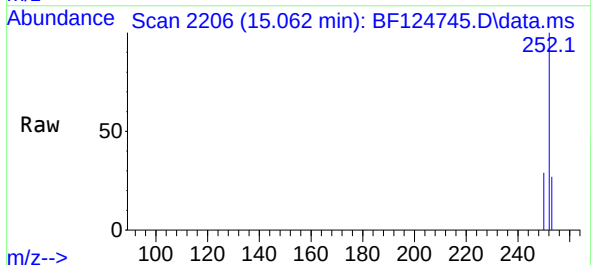
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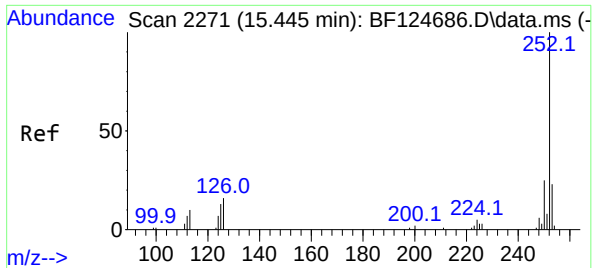
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#88
Benzo(b)fluoranthene
Concen: 2.243 ng m
RT: 15.062 min Scan# 2206
Delta R.T. -0.018 min
Lab File: BF124745.D
Acq: 24 Jul 2021 13:51

Tgt Ion:252	Resp:	2125
Ion Ratio	Lower	Upper
252	100	
253	27.3	16.8 25.2#
125	0.0	9.8 14.8#





#90
 Benzo(a)pyrene
 Concen: 2.068 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. -0.018 min
 Lab File: BF124745.D
 Acq: 24 Jul 2021 13:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.4	27.6
125	0.0	9.9	14.9

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1

Manual Integrations
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