

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124647.D
 Acq On : 21 Jul 2021 2:00
 Operator : JU/CG
 Sample : M3046-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-019-ABCD

Manual Integrations
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Quant Time: Jul 21 03:14:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:36:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	6757	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	25176	20.000	ng	-0.02
39) Acenaphthene-d10	9.945	164	11631	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	16615	20.000	ng	-0.02
76) Chrysene-d12	14.068	240	11591	20.000	ng	-0.02
86) Perylene-d12	15.557	264	8682	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	33722	86.467	ng	-0.02
7) Phenol-d6	6.522	99	39350	82.941	ng	-0.02
23) Nitrobenzene-d5	7.463	82	24844	62.295	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	6850	75.682	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	50858	63.763	ng	-0.02
79) Terphenyl-d14	13.016	244	35752	51.794	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.451	178	1837	2.027	ng	96
75) Fluoranthene	12.639	202	3849	4.209	ng	99
78) Pyrene	12.869	202	3863	4.011	ng	96
81) Benzo(a)anthracene	14.057	228	2254	2.932	ng	# 93
83) Chrysene	14.092	228	1837	2.495	ng	94
88) Benzo(b)fluoranthene	15.115	252	2359m	3.785	ng	
90) Benzo(a)pyrene	15.492	252	1836	3.569	ng	# 86

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

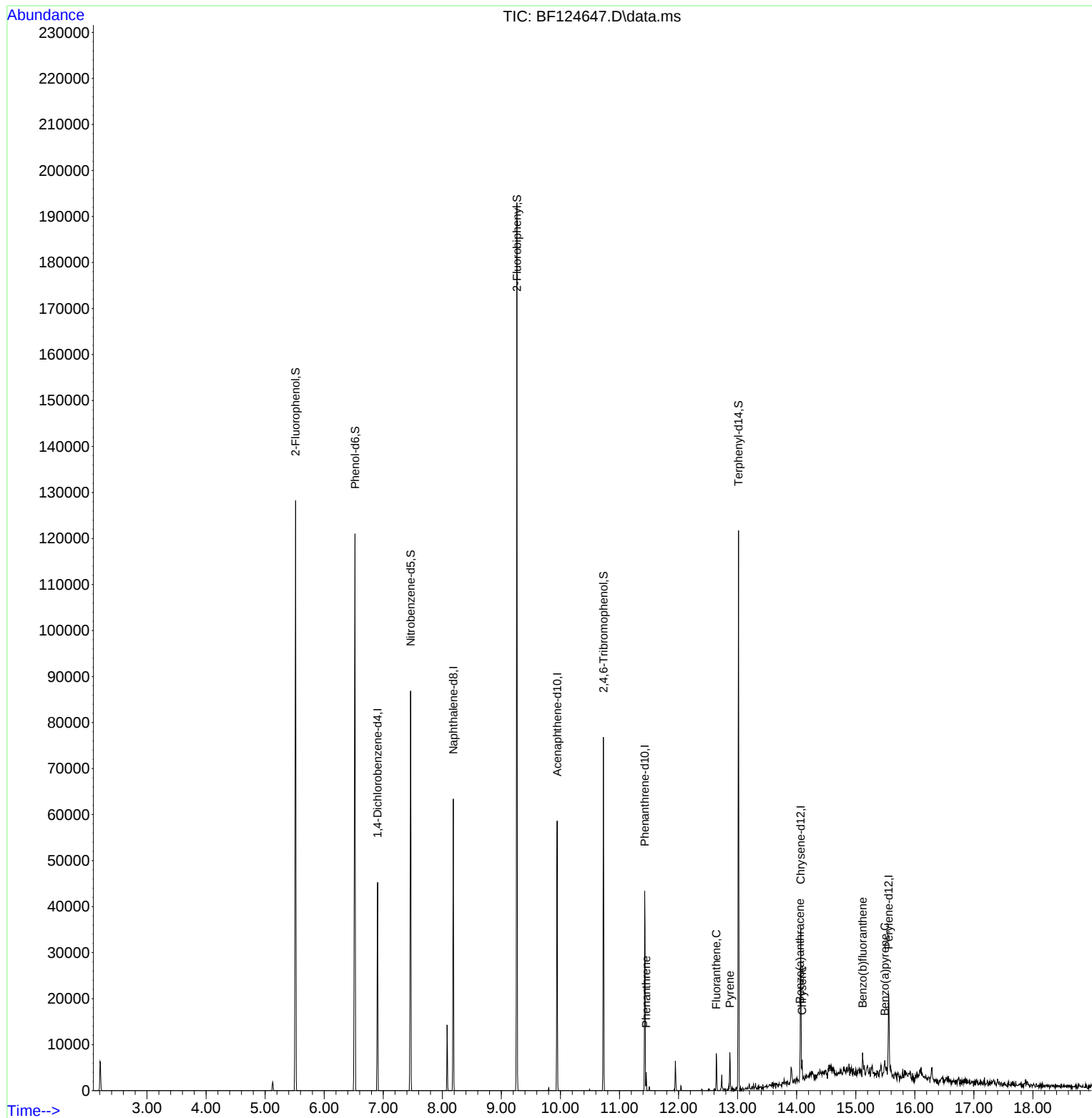
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Data File : BF124647.D
Acq On : 21 Jul 2021 2:00
Operator : JU/CG
Sample : M3046-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

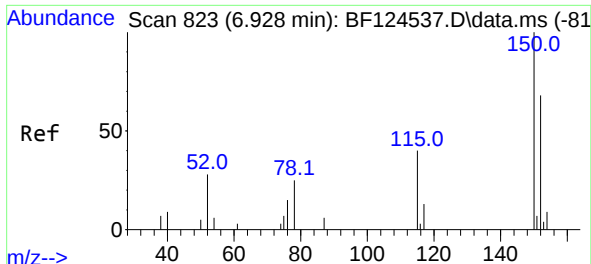
Instrument :
BNA_F
ClientSampleId :
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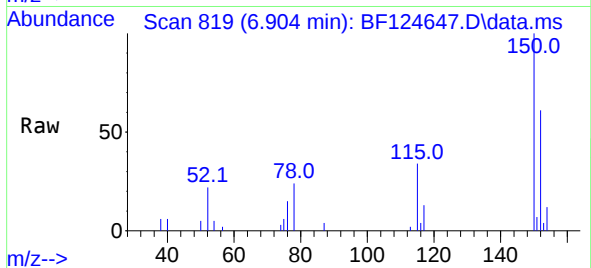
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Quant Time: Jul 21 03:14:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
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QLast Update : Tue Jul 20 13:36:28 2021
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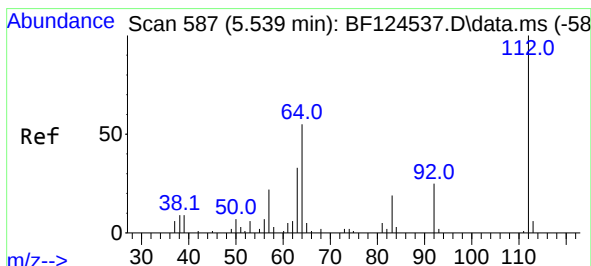
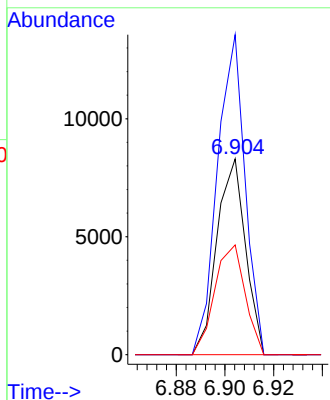
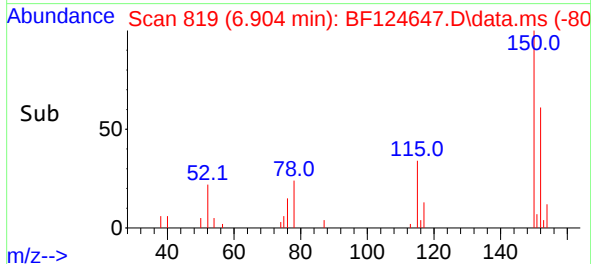




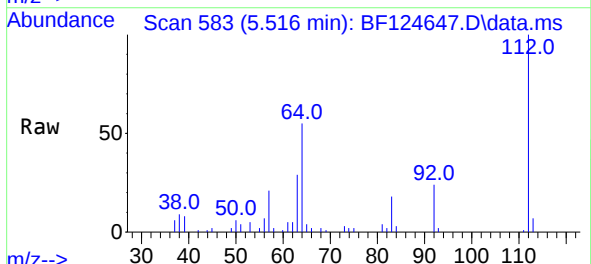
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00



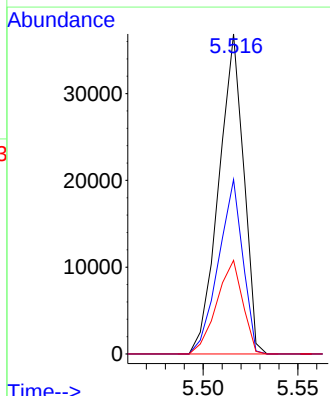
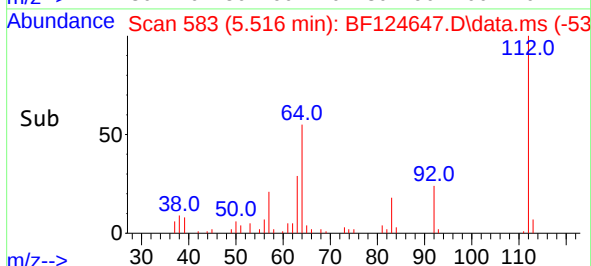
Tgt Ion:152 Resp: 6757
Ion Ratio Lower Upper
152 100
150 163.4 117.6 176.4
115 56.0 47.1 70.7



#5
2-Fluorophenol
Concen: 86.467 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.018 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00



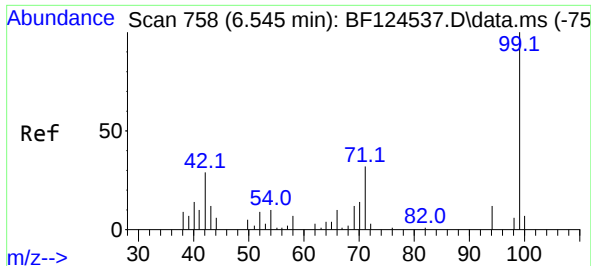
Tgt Ion:112 Resp: 33722
Ion Ratio Lower Upper
112 100
64 54.5 44.2 66.2
63 29.2 26.2 39.2



Instrument :
BNA_F
ClientSampleId :
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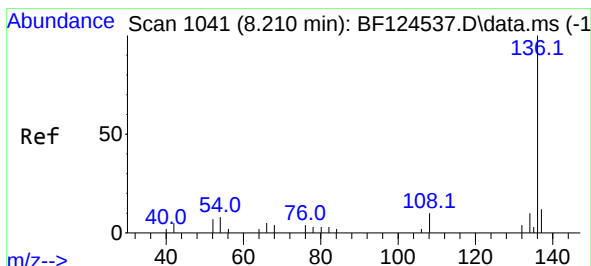
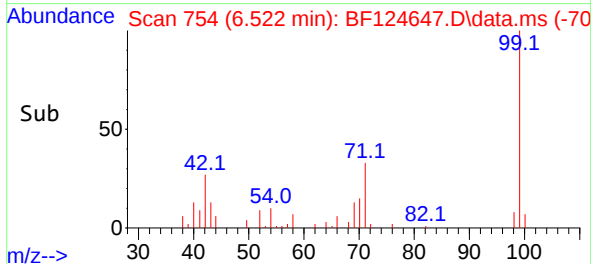
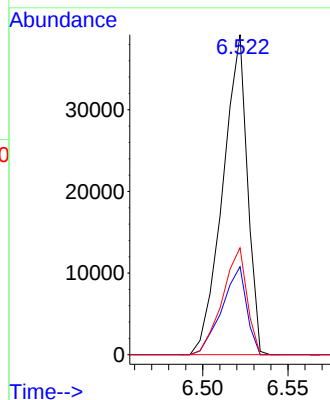
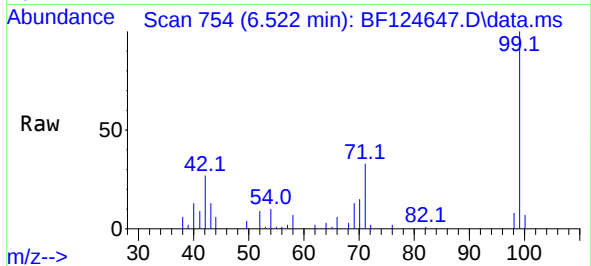
#7
Phenol-d6
Concen: 82.941 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.023 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion: 99	Resp: 39350
Ion Ratio	Lower Upper
99 100	
42 27.5	23.5 35.3
71 33.4	25.6 38.4

Instrument :
BNA_F
ClientSampleId :
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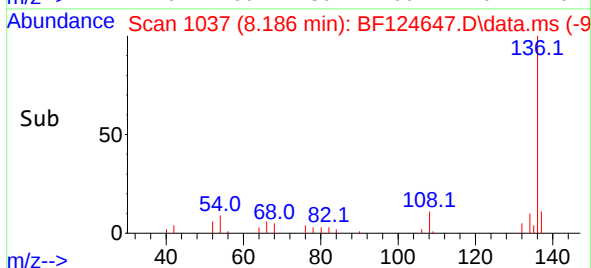
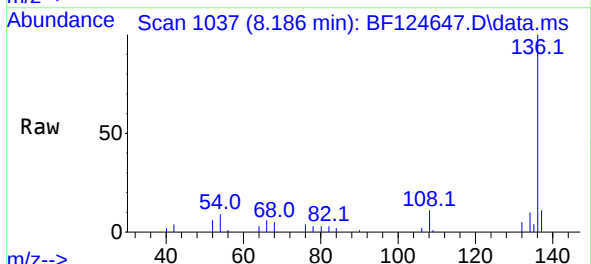
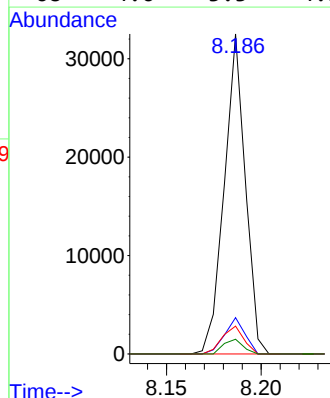
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.017 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion: 136	Resp: 25176
Ion Ratio	Lower Upper
136 100	
137 11.3	9.8 14.6
54 8.7	6.4 9.6
68 4.6	3.3 4.9





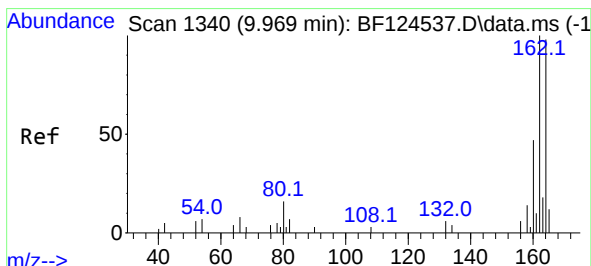
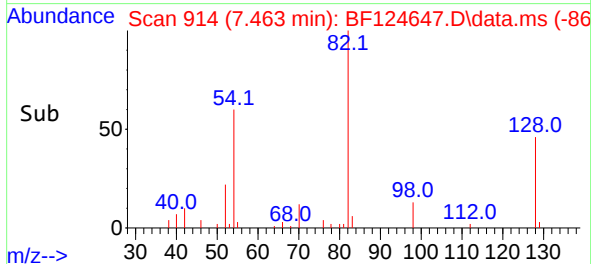
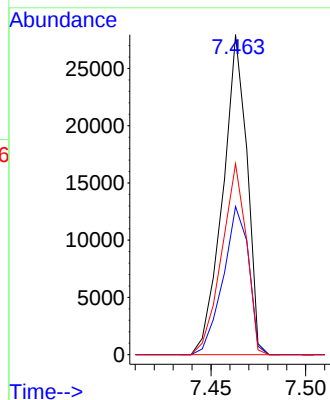
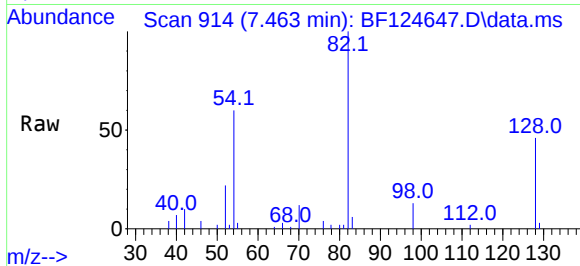
#23
Nitrobenzene-d5
Concen: 62.295 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.023 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion:	82	Resp:	24844
Ion Ratio	Lower	Upper	
82	100		
128	46.3	40.6	60.8
54	59.7	49.6	74.4

Instrument :
BNA_F
ClientSampleId :
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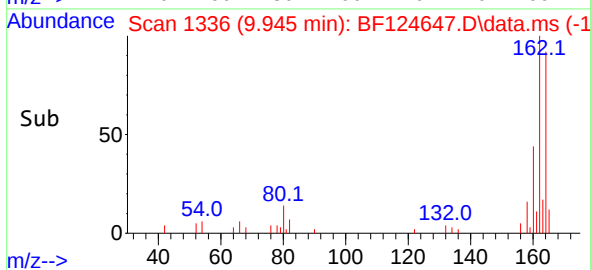
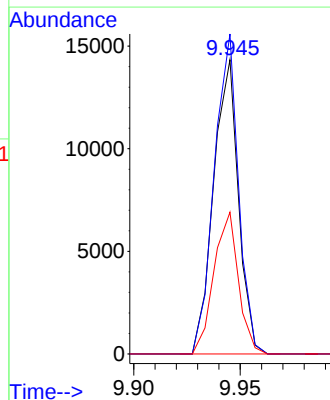
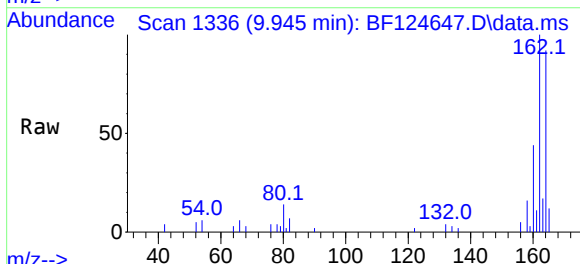
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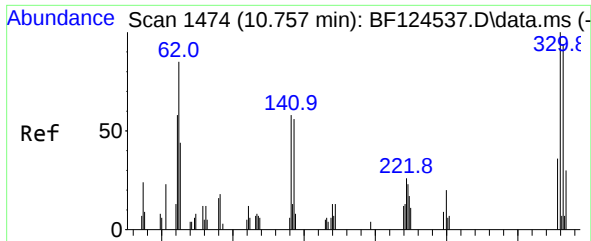
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

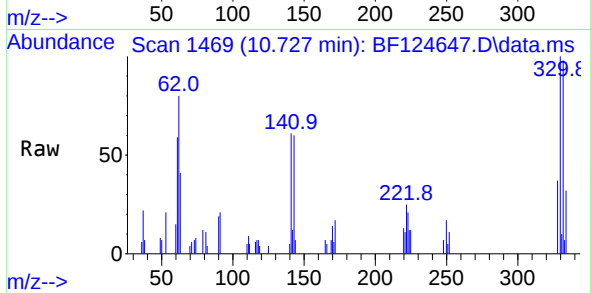
Tgt Ion:	164	Resp:	11631
Ion Ratio	Lower	Upper	
164	100		
162	108.8	81.3	121.9
160	48.2	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 75.682 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.023 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

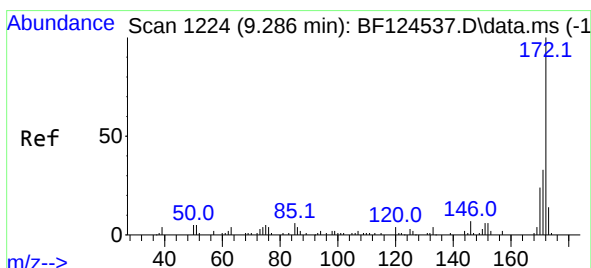
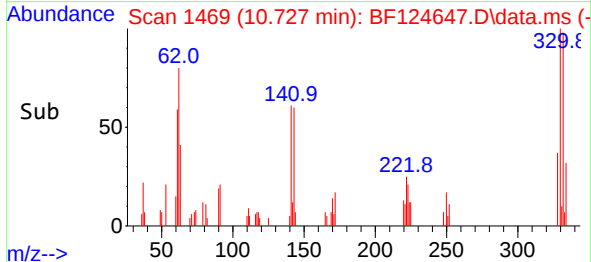
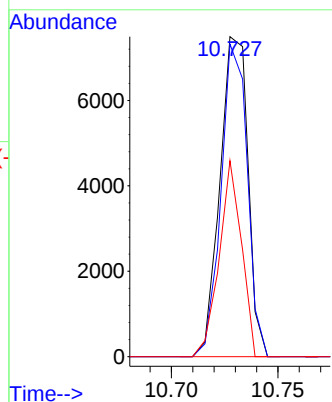
Instrument :
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ClientSampleId :
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Tgt Ion: 330 Resp: 6850
Ion Ratio Lower Upper
330 100
332 91.4 76.2 114.4
141 48.5 44.6 66.8

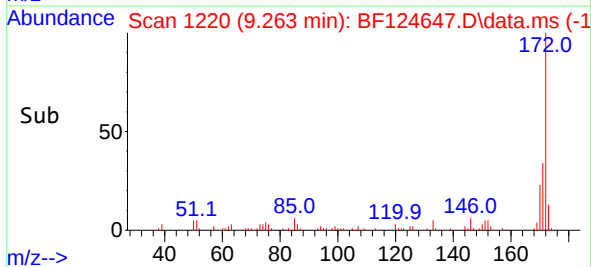
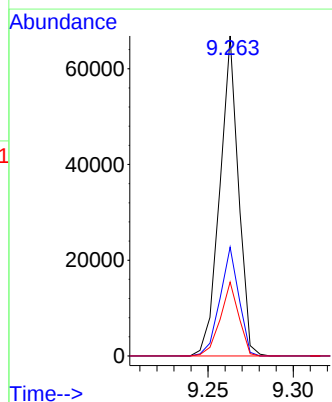
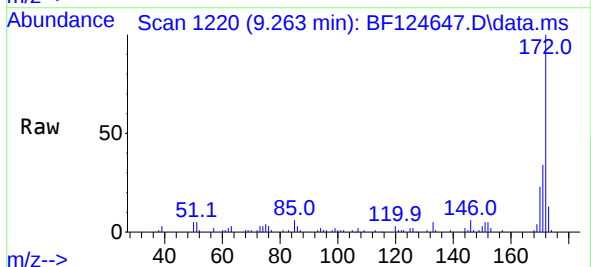
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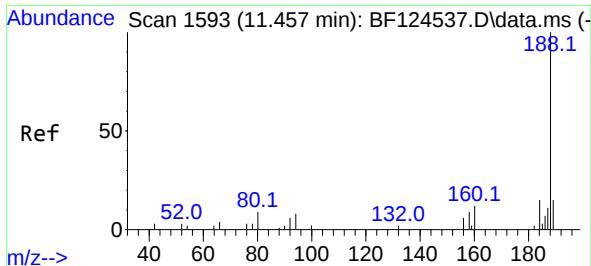
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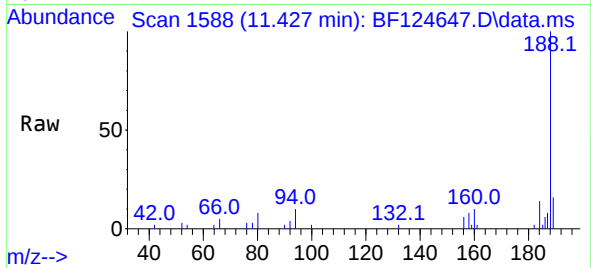
#45
2-Fluorobiphenyl
Concen: 63.763 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.017 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion: 172 Resp: 50858
Ion Ratio Lower Upper
172 100
171 34.0 26.5 39.7
170 23.1 18.8 28.2

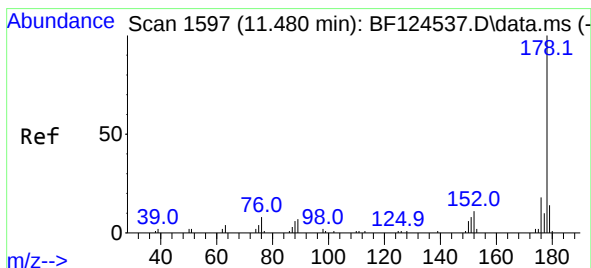
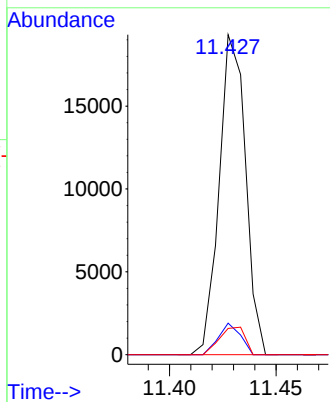
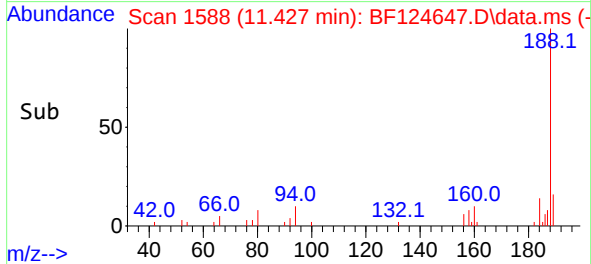




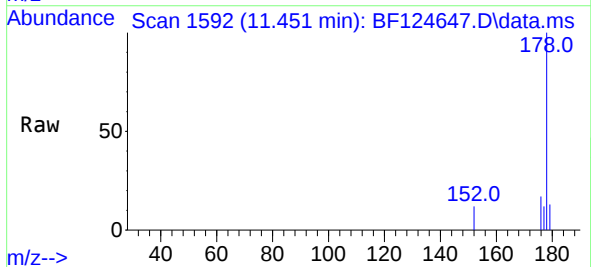
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.017 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00



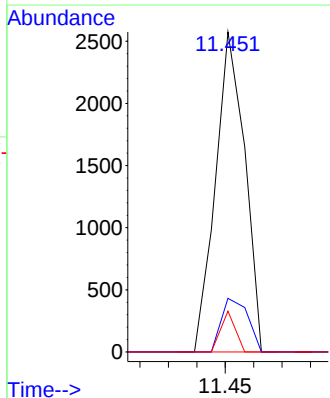
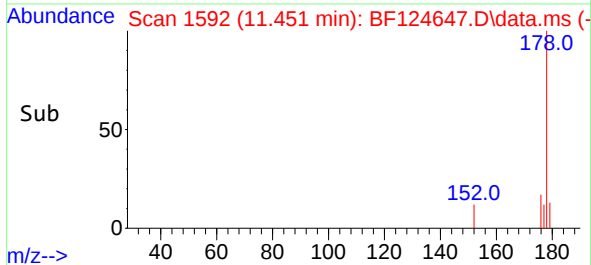
Tgt Ion:188 Resp: 16615
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 8.2 7.5 11.3



#71
Phenanthrene
Concen: 2.027 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.023 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00



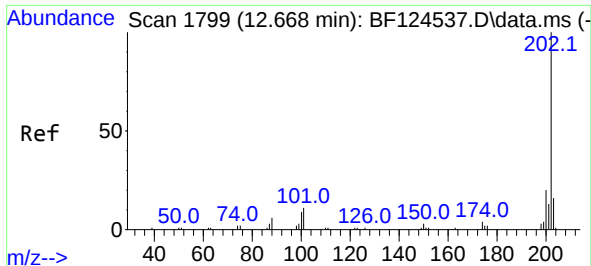
Tgt Ion:178 Resp: 1837
Ion Ratio Lower Upper
178 100
176 16.8 14.7 22.1
179 12.7 11.5 17.3



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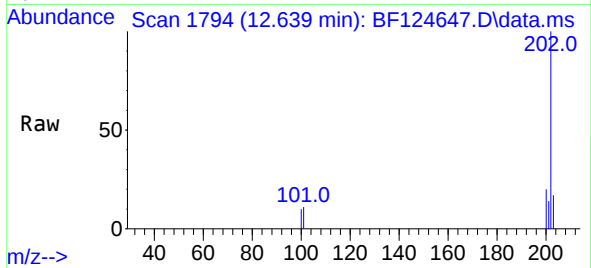
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#75
Fluoranthene
Concen: 4.209 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.023 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

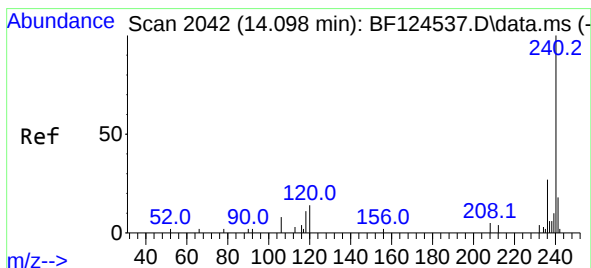
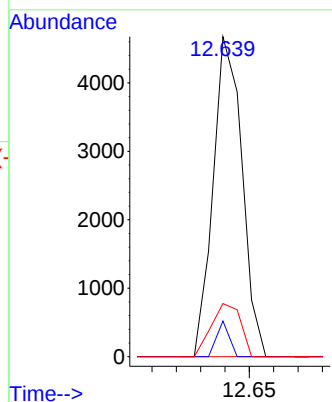
Instrument :
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ClientSampleId :
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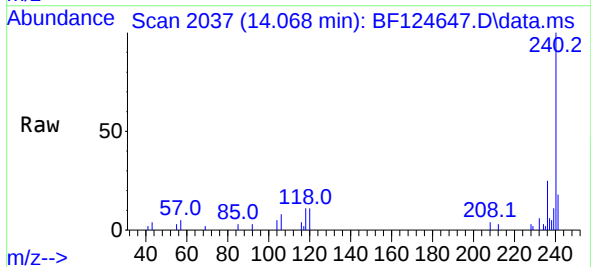
Tgt Ion:202 Resp: 3849
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.7
203 16.6 0.0 36.3

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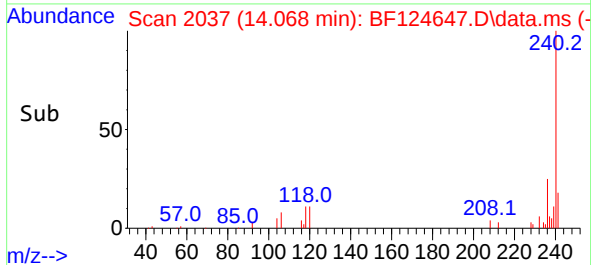
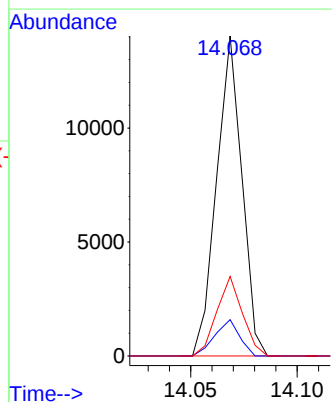
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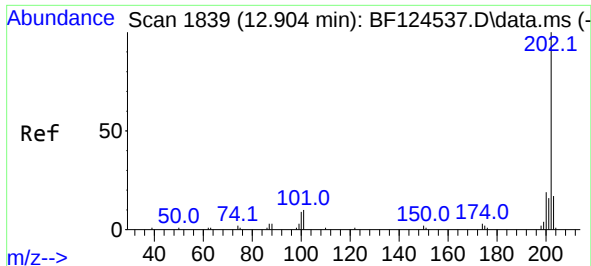


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00



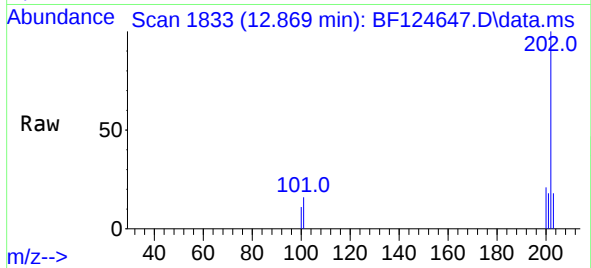
Tgt Ion:240 Resp: 11591
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 24.8 21.6 32.4





#78
Pyrene
Concen: 4.011 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.023 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

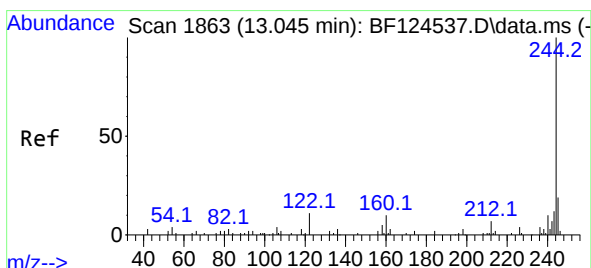
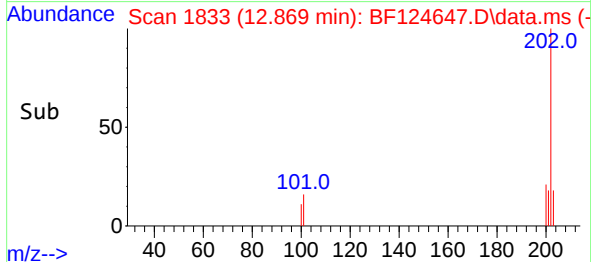
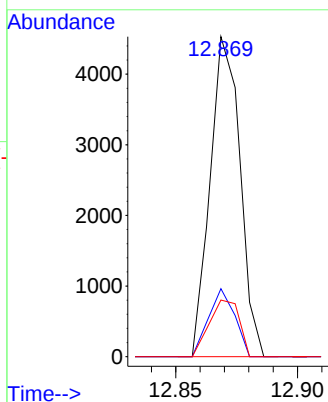
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-019-ABCD



Tgt Ion:202 Resp: 3863
Ion Ratio Lower Upper
202 100
200 21.3 15.3 22.9
203 17.7 13.4 20.0

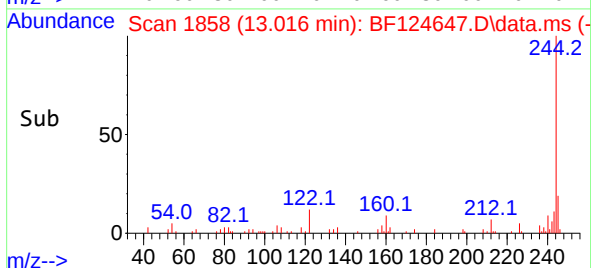
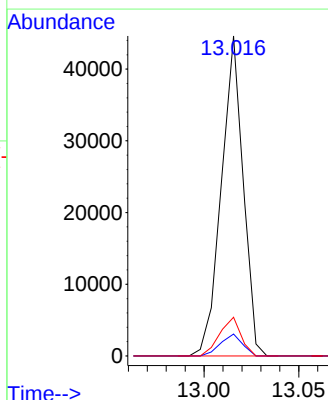
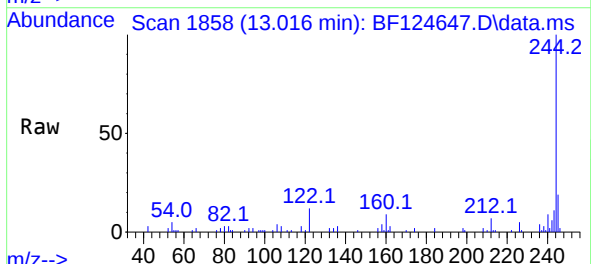
Manual Integrations
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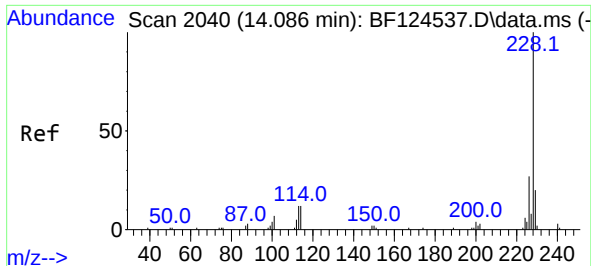
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#79
Terphenyl-d14
Concen: 51.794 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.017 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

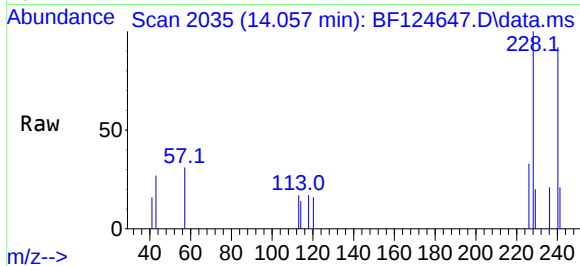
Tgt Ion:244 Resp: 35752
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.1 9.0 13.4





#81
Benzo(a)anthracene
Concen: 2.932 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.018 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

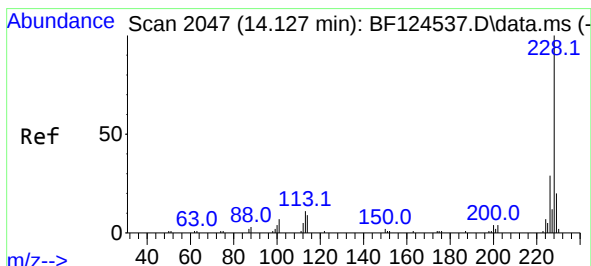
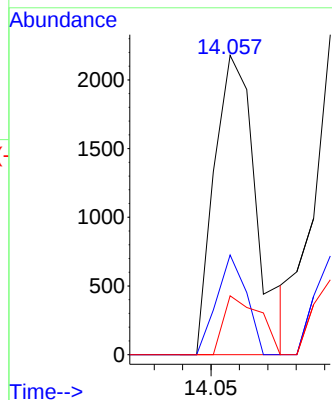
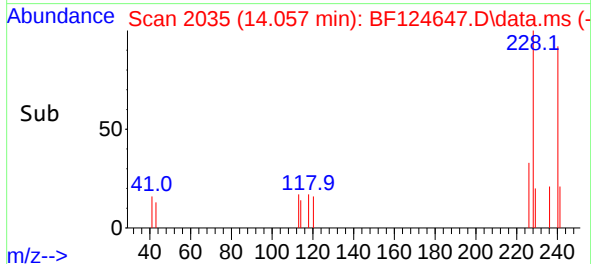
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-019-ABCD



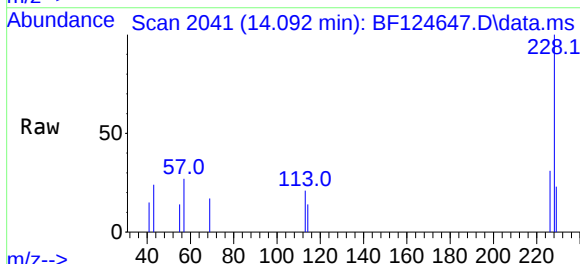
Tgt Ion:228 Resp: 2254
Ion Ratio Lower Upper
228 100
226 33.3 21.6 32.4#
229 19.7 15.6 23.4

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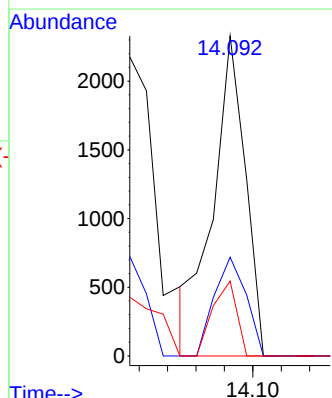
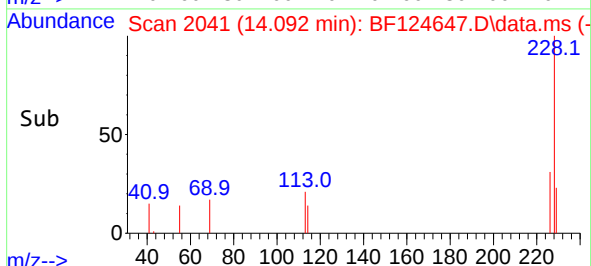
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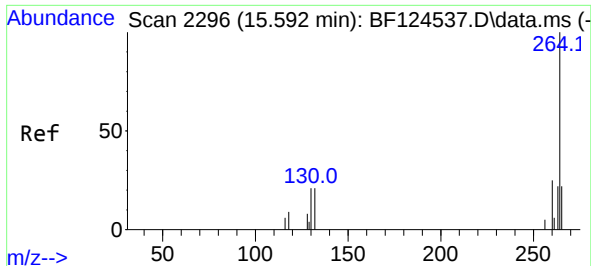


#83
Chrysene
Concen: 2.495 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.023 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00



Tgt Ion:228 Resp: 1837
Ion Ratio Lower Upper
228 100
226 30.9 22.6 34.0
229 23.4 15.9 23.9





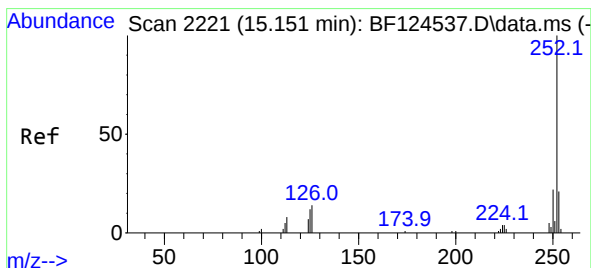
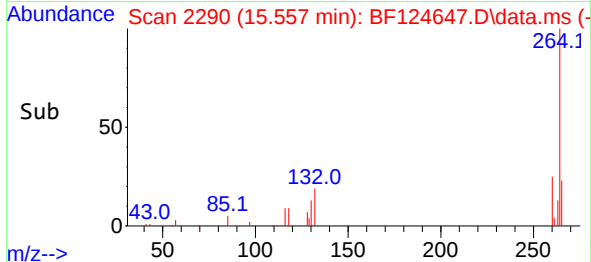
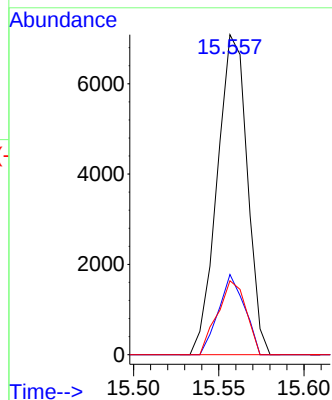
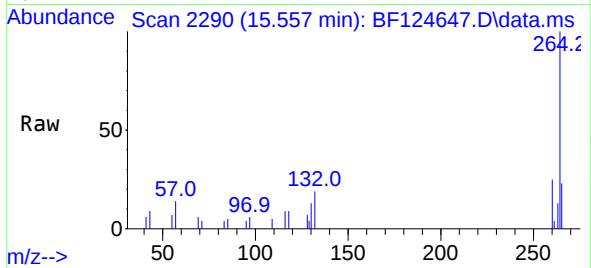
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion:	264	Resp:	8682
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	23.1	17.2	25.8

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-019-ABCD

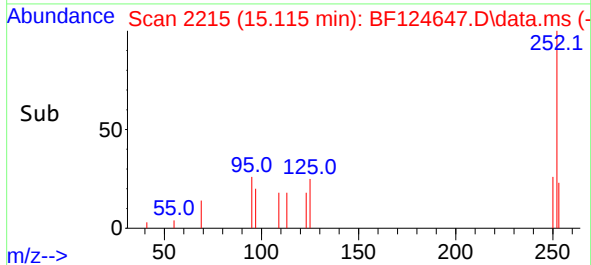
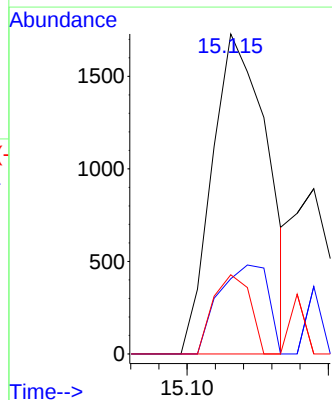
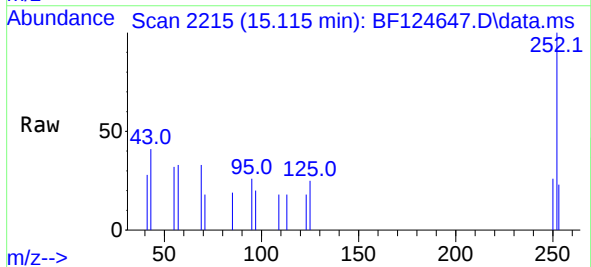
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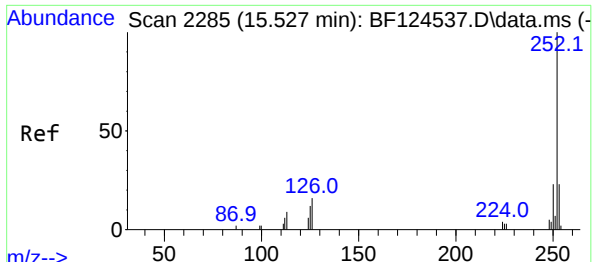
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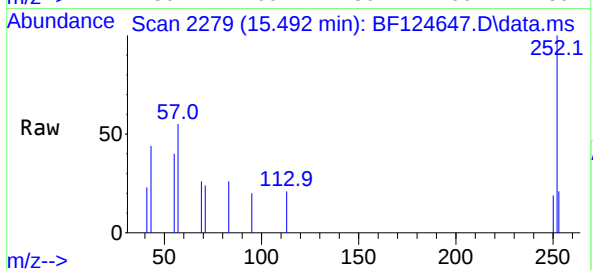
#88
Benzo(b)fluoranthene
Concen: 3.785 ng m
RT: 15.115 min Scan# 2215
Delta R.T. -0.018 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion:	252	Resp:	2359
Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.8	25.2
125	24.8	9.8	14.8

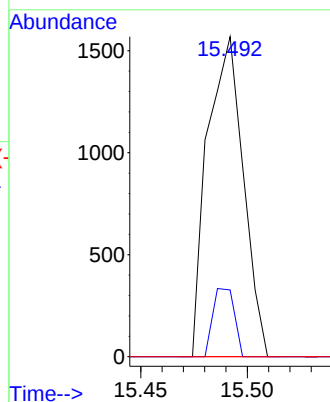
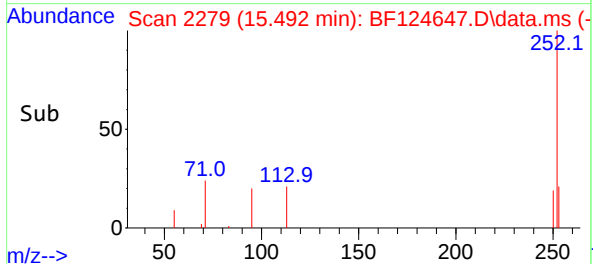




#90
Benzo(a)pyrene
Concen: 3.569 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.018 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00



Tgt Ion:	252	Resp:	1836
Ion Ratio	Lower	Upper	
252	100		
253	20.8	18.4	27.6
125	0.0	9.9	14.9#



Instrument :
BNA_F
ClientSampleId :
FK-EF-01-019-ABCD

Manual Integrations
APPROVED

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