

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124843.D
 Acq On : 28 Jul 2021 23:44
 Operator : JU/CG
 Sample : M3174-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-021-ABCD

Manual Integrations
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Quant Time: Jul 29 02:12:25 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	6251	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	22933	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	11613	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	17579	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	13427	20.000	ng	0.00
86) Perylene-d12	15.515	264	10097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	31052	84.108	ng	0.00
7) Phenol-d6	6.498	99	36581	79.036	ng	0.00
23) Nitrobenzene-d5	7.434	82	25580	66.387	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	7941	79.642	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	53031	67.071	ng	0.00
79) Terphenyl-d14	12.980	244	44048	56.234	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.604	202	2870	2.975	ng	98
78) Pyrene	12.839	202	3273	3.079	ng	96
81) Benzo(a)anthracene	14.027	228	2412	2.748	ng	95
83) Chrysene	14.057	228	2009m	2.376	ng	
88) Benzo(b)fluoranthene	15.074	252	2587m	3.639	ng	
90) Benzo(a)pyrene	15.445	252	1971	3.319	ng	# 73

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

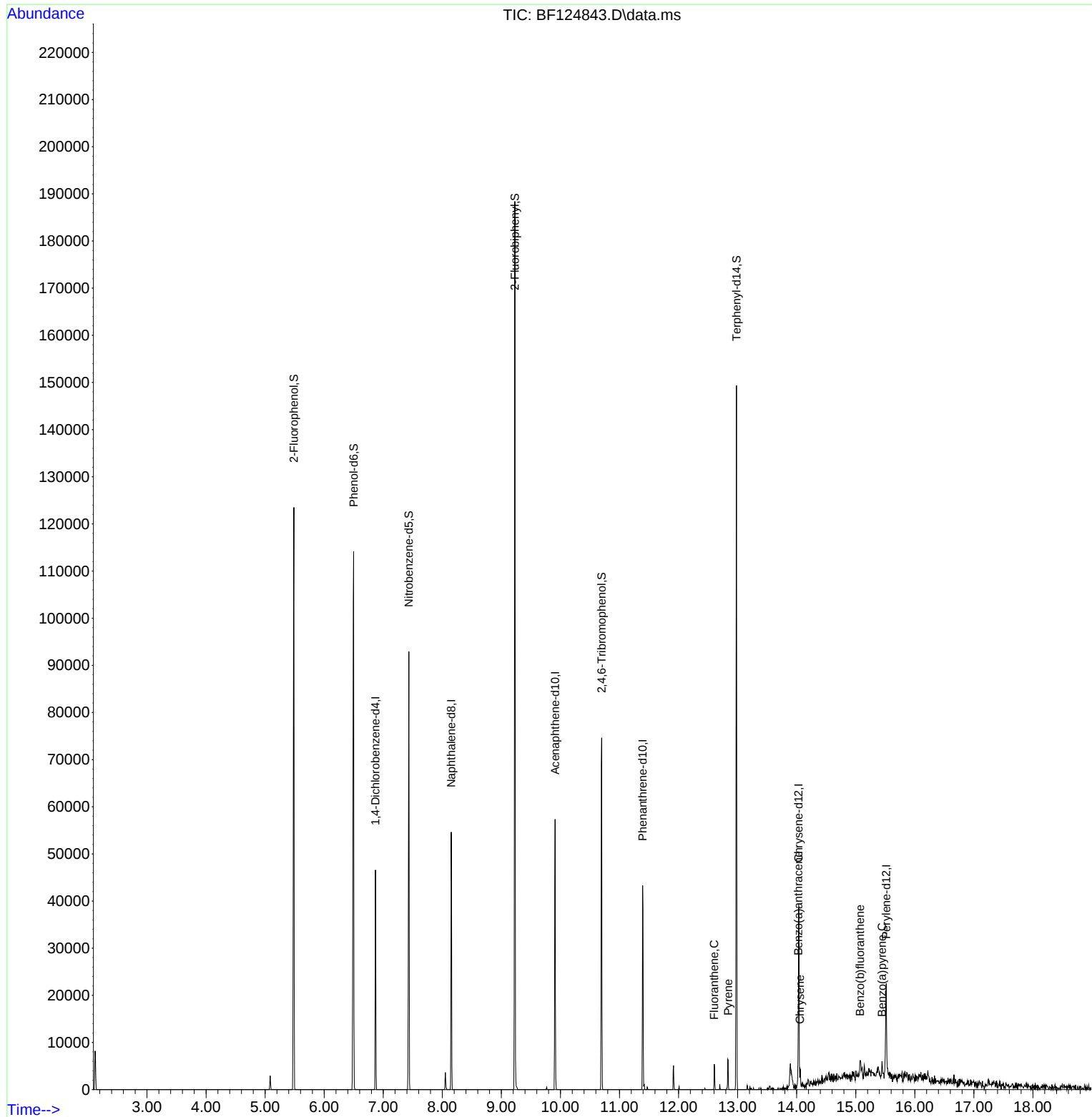
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124843.D
Acq On : 28 Jul 2021 23:44
Operator : JU/CG
Sample : M3174-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

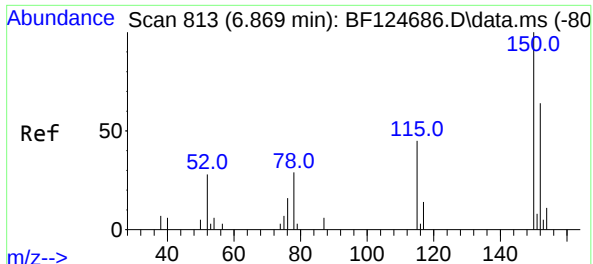
Instrument :
BNA_F
ClientSampleId :
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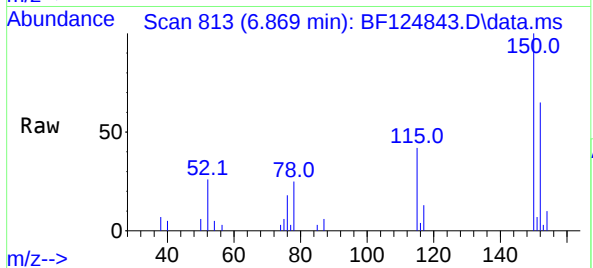
Quant Time: Jul 29 02:12:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

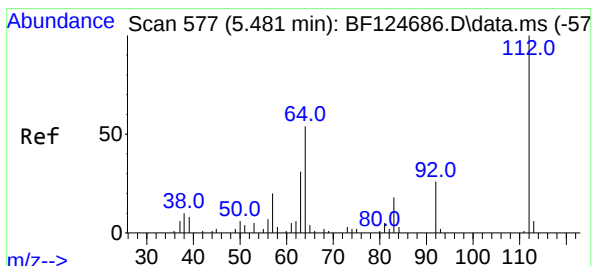
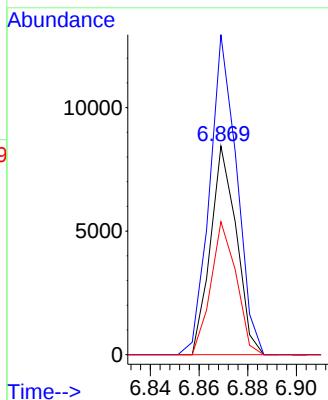
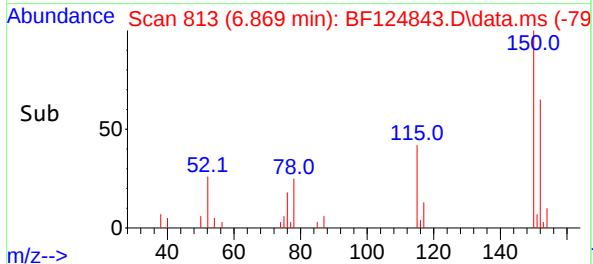
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-021-ABCD



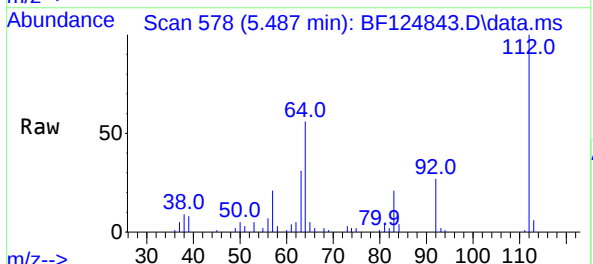
Tgt Ion:152 Resp: 6251
Ion Ratio Lower Upper
152 100
150 153.4 117.6 176.4
115 63.8 47.1 70.7

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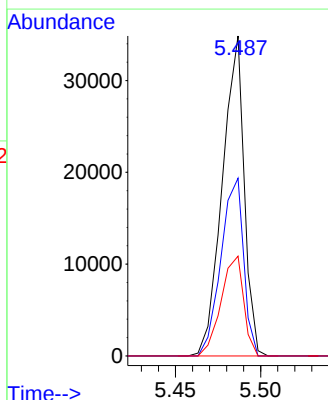
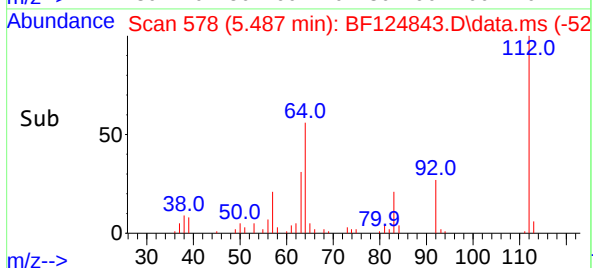
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#5
2-Fluorophenol
Concen: 84.108 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44



Tgt Ion:112 Resp: 31052
Ion Ratio Lower Upper
112 100
64 55.6 44.2 66.2
63 31.2 26.2 39.2





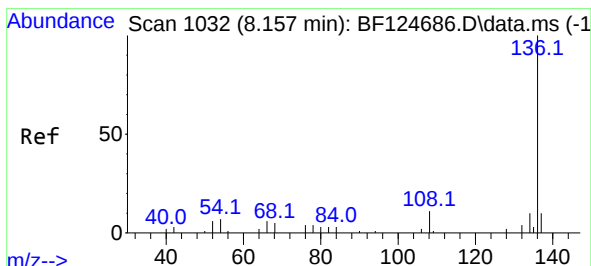
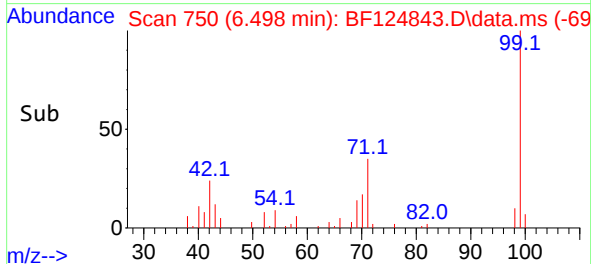
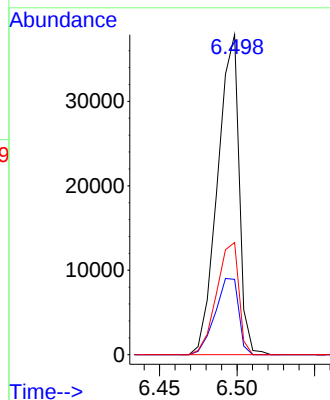
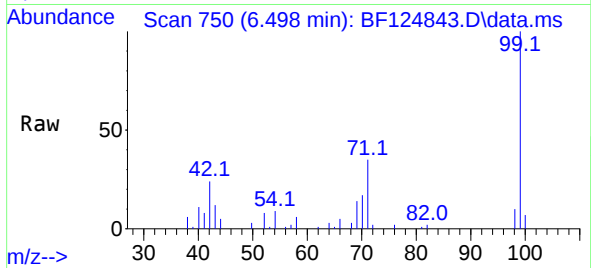
#7
Phenol-d6
Concen: 79.036 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion: 99	Resp: 36581
Ion Ratio	Lower Upper
99 100	
42 23.6	23.5 35.3
71 35.1	25.6 38.4

Instrument :
BNA_F
ClientSampleId :
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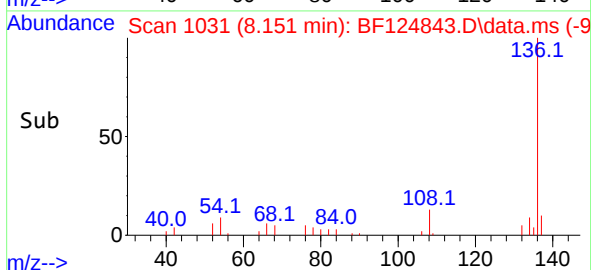
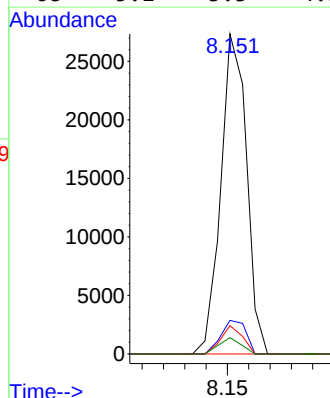
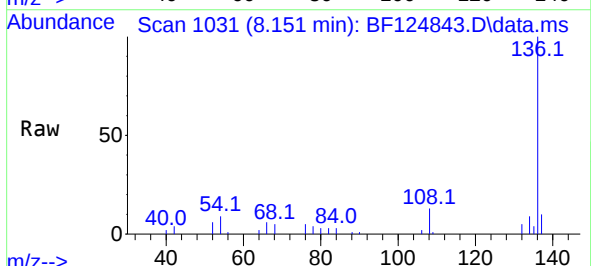
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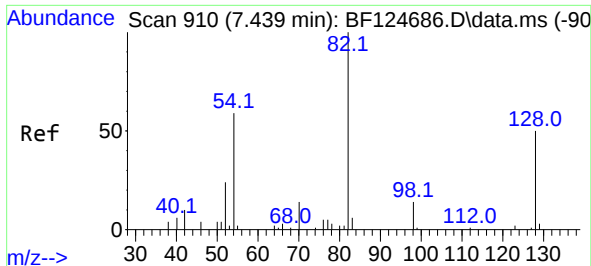
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt	Ion:136	Resp:	22933
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	8.8	6.4	9.6
68	5.1	3.3	4.9#





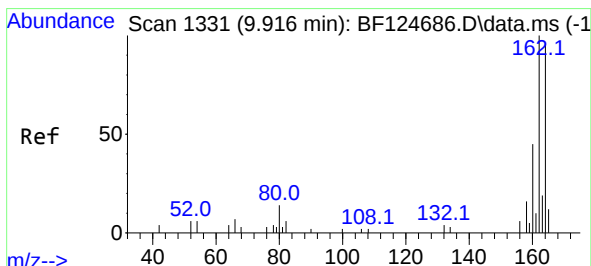
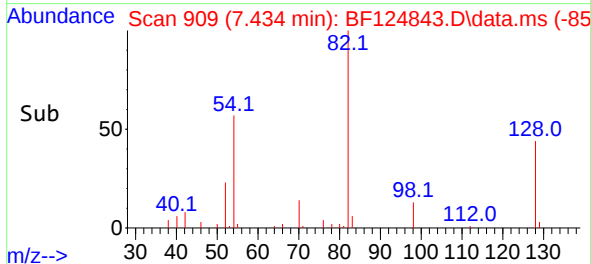
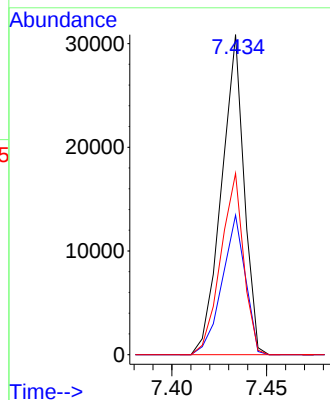
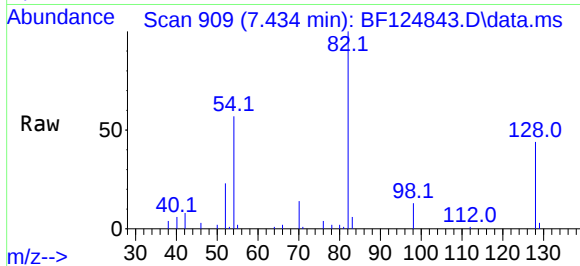
#23
Nitrobenzene-d5
Concen: 66.387 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion:	82	Resp:	25580
Ion	Ratio	Lower	Upper
82	100		
128	43.6	40.6	60.8
54	56.7	49.6	74.4

Instrument :
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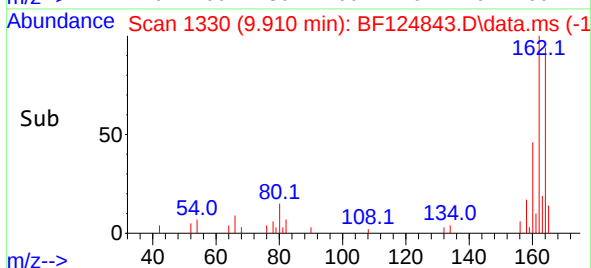
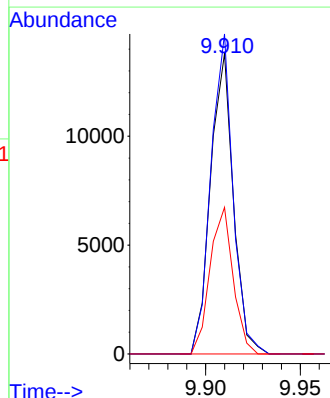
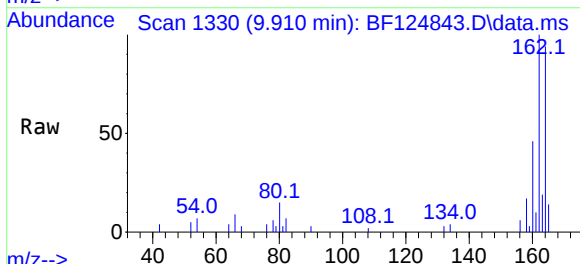
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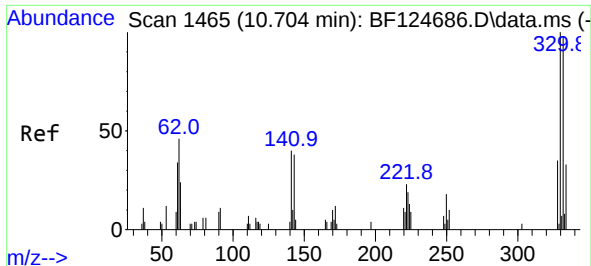
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

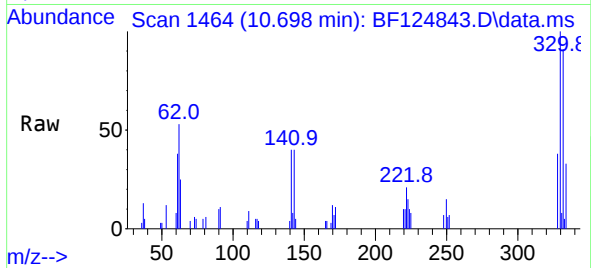
Tgt Ion:	164	Resp:	11613
Ion	Ratio	Lower	Upper
164	100		
162	106.5	81.3	121.9
160	48.8	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 79.642 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

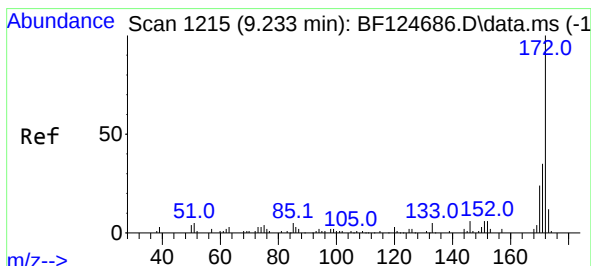
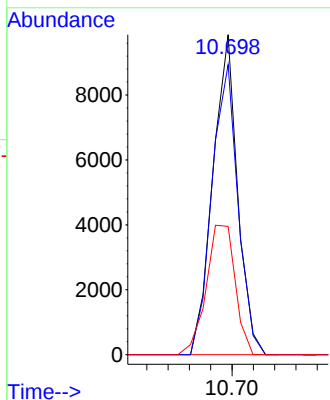
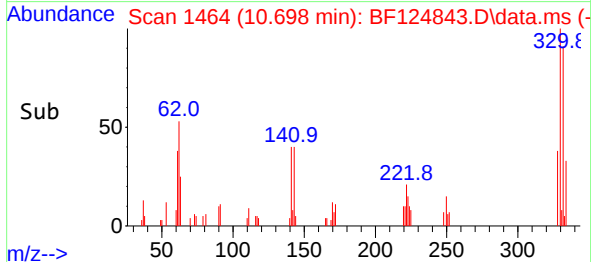
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BNA_F
ClientSampleId :
FK-EF-01-021-ABCD



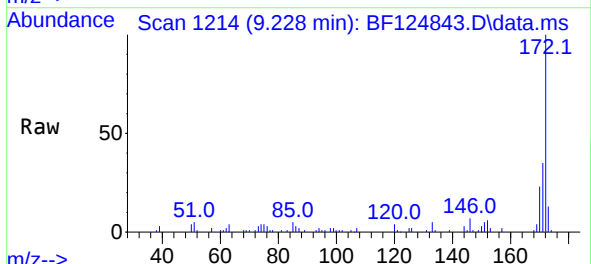
Tgt Ion:330 Resp: 7941
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 47.4 44.6 66.8

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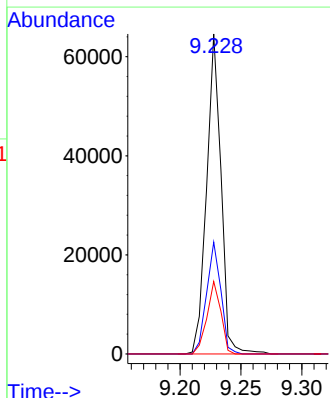
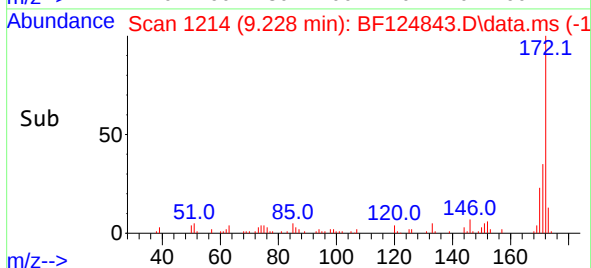
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#45
2-Fluorobiphenyl
Concen: 67.071 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44



Tgt Ion:172 Resp: 53031
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 22.7 18.8 28.2





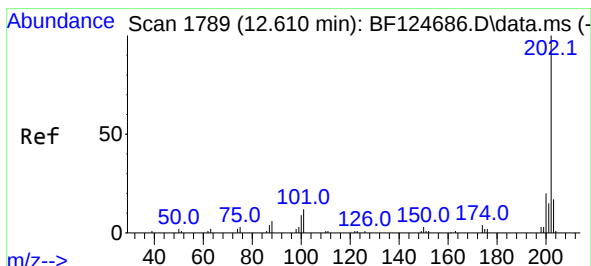
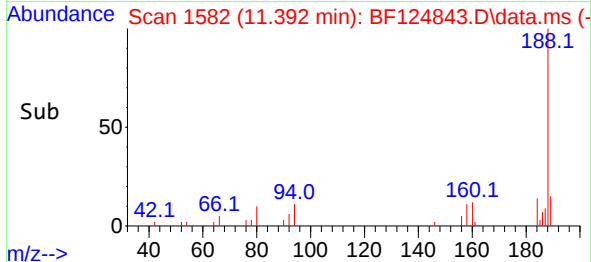
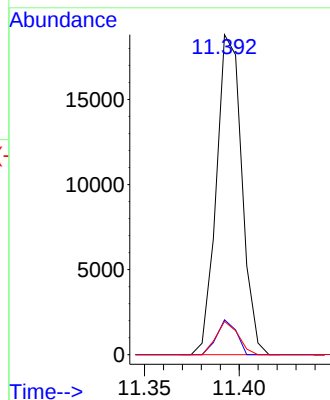
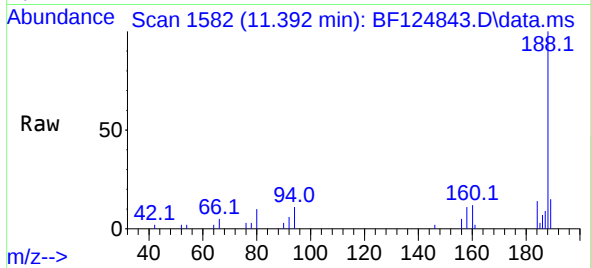
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion:188 Resp: 17579
Ion Ratio Lower Upper
188 100
94 10.9 6.7 10.1#
80 10.4 7.5 11.3

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-021-ABCD

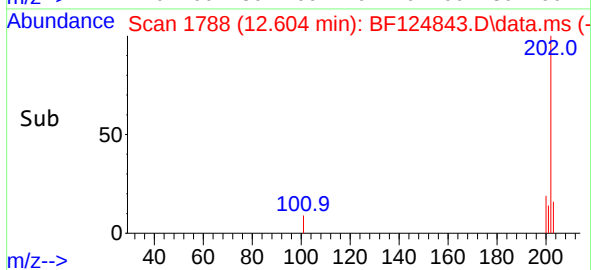
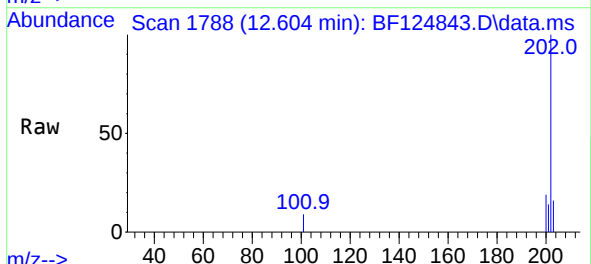
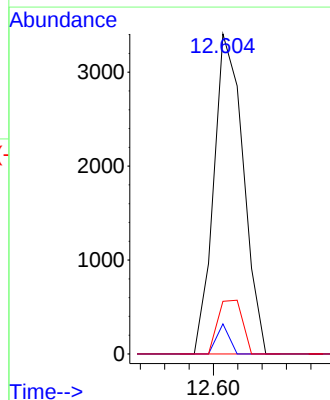
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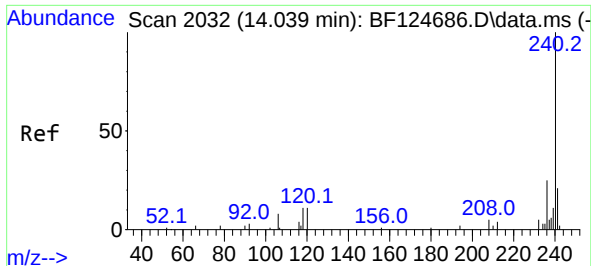
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#75
Fluoranthene
Concen: 2.975 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion:202 Resp: 2870
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.7
203 16.4 0.0 36.3





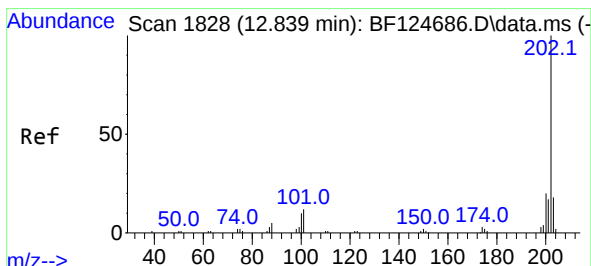
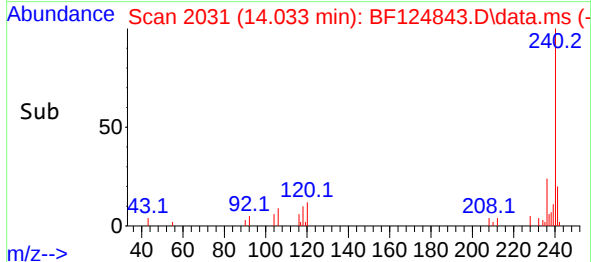
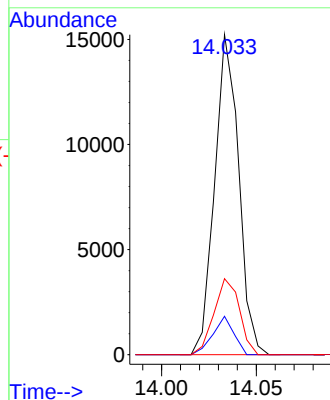
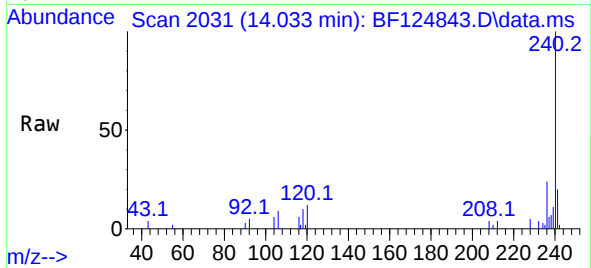
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion:240 Resp: 13427
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 23.8 21.6 32.4

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-021-ABCD

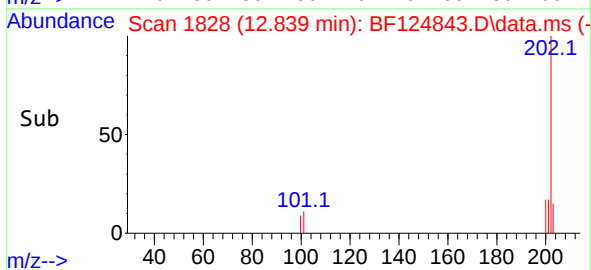
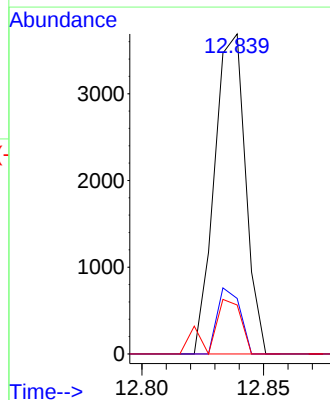
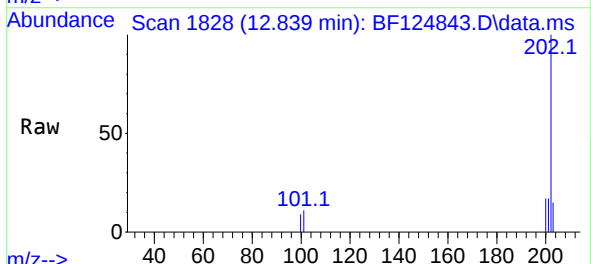
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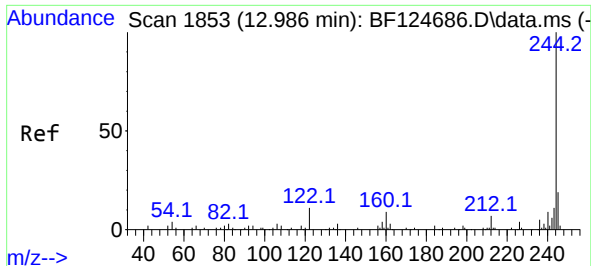
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#78
Pyrene
Concen: 3.079 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

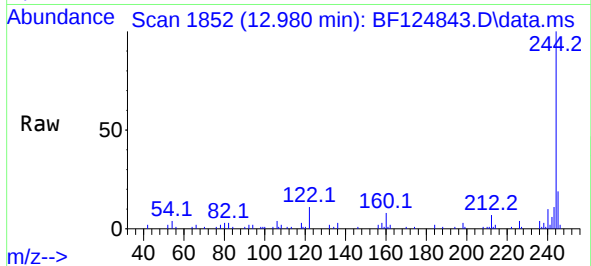
Tgt Ion:202 Resp: 3273
Ion Ratio Lower Upper
202 100
200 17.3 15.3 22.9
203 15.3 13.4 20.0





#79
Terphenyl-d14
Concen: 56.234 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

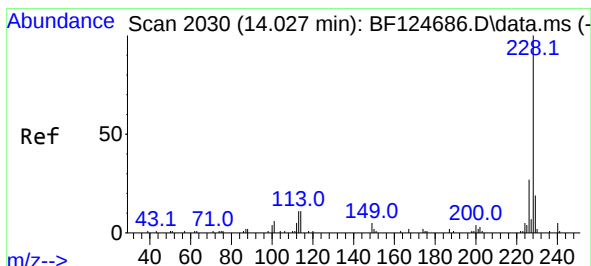
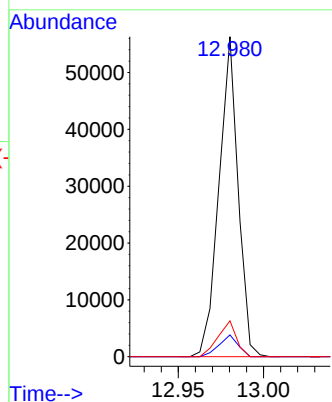
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-021-ABCD



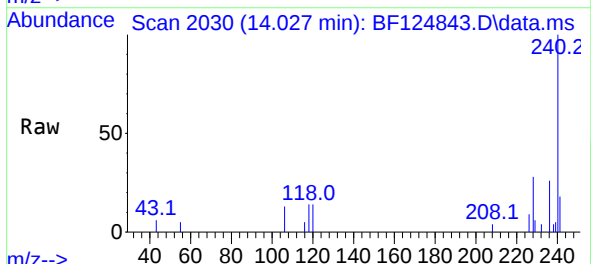
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Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.2 9.0 13.4

Manual Integrations
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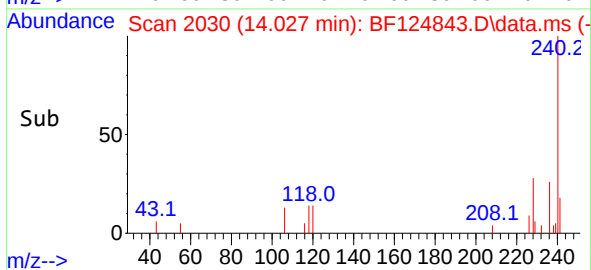
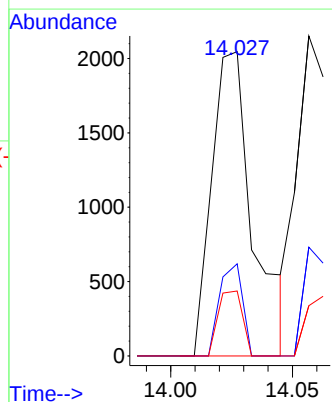
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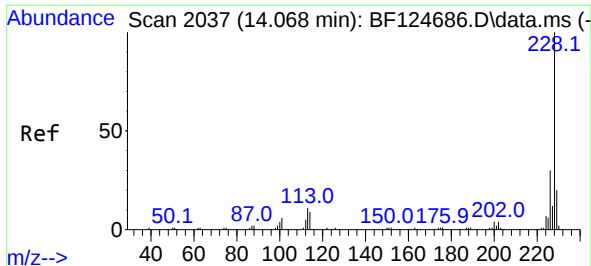


#81
Benzo(a)anthracene
Concen: 2.748 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44



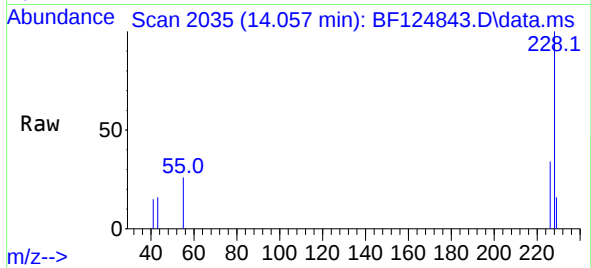
Tgt Ion:228 Resp: 2412
Ion Ratio Lower Upper
228 100
226 30.3 21.6 32.4
229 21.3 15.6 23.4





#83
Chrysene
Concen: 2.376 ng m
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

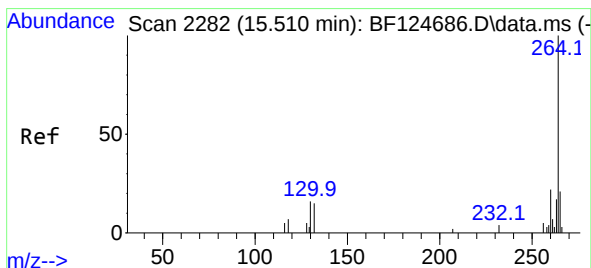
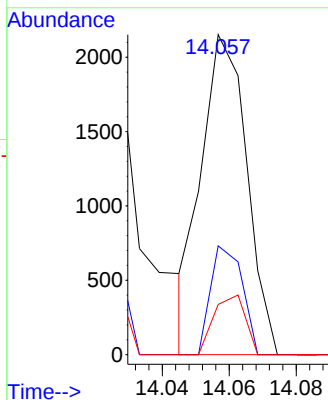
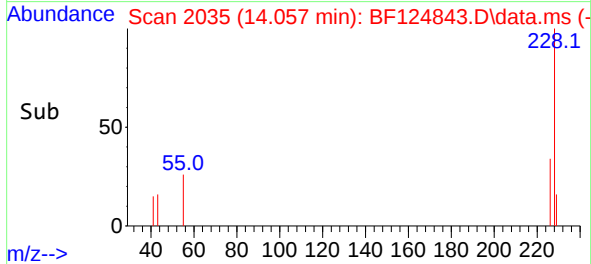
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-021-ABCD



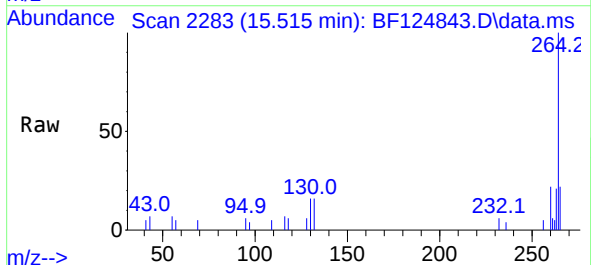
Tgt Ion:228 Resp: 2009
Ion Ratio Lower Upper
228 100
226 34.0 22.6 34.0#
229 15.7 15.9 23.9#

Manual Integrations
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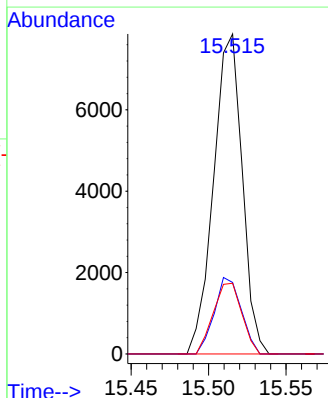
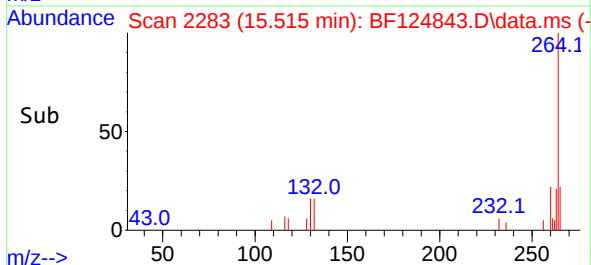
mohammad
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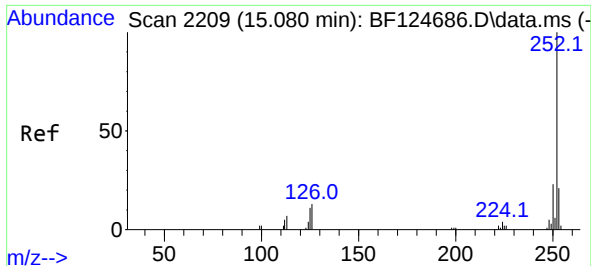


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44



Tgt Ion:264 Resp: 10097
Ion Ratio Lower Upper
264 100
260 22.3 19.6 29.4
265 22.1 17.2 25.8





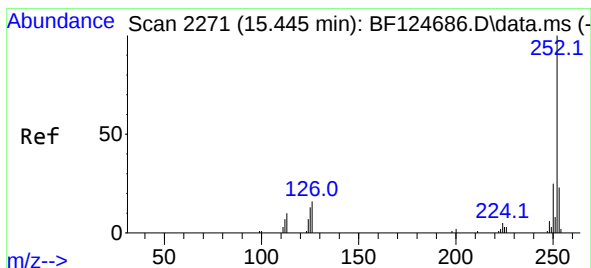
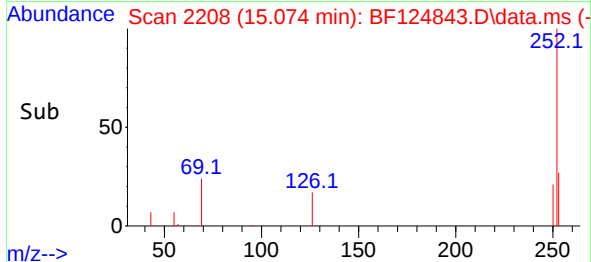
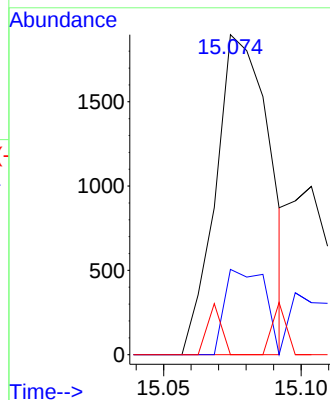
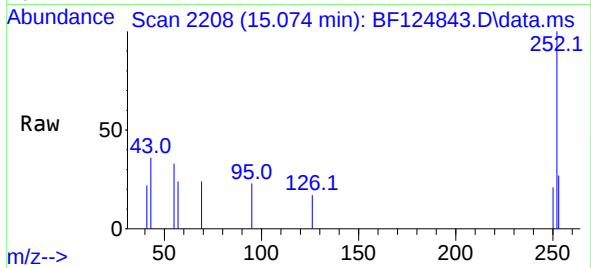
#88
Benzo(b)fluoranthene
Concen: 3.639 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion:252 Resp: 2587
Ion Ratio Lower Upper
252 100
253 26.7 16.8 25.2#
125 0.0 9.8 14.8#

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-021-ABCD

Manual Integrations
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mohammad
7/29/2021 1:43:49 PM



#90
Benzo(a)pyrene
Concen: 3.319 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF124843.D
Acq: 28 Jul 2021 23:44

Tgt Ion:252 Resp: 1971
Ion Ratio Lower Upper
252 100
253 36.6 18.4 27.6#
125 22.2 9.9 14.9#

