

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124808.D
 Acq On : 27 Jul 2021 23:13
 Operator : JU/CG
 Sample : M3143-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-2

Manual Integrations
 APPROVED

mohammad
 7/28/2021 11:32:45 AM

Quant Time: Jul 28 03:08:17 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	5810	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	23898	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	13771	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	27218	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	16615	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	14078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	32660	95.178	ng	0.00
7) Phenol-d6	6.492	99	38876	90.370	ng	0.00
23) Nitrobenzene-d5	7.434	82	26322	65.555	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	11898	100.628	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	52005	55.466	ng	0.00
79) Terphenyl-d14	12.980	244	65675	67.756	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.416	178	4500	3.074	ng	98
75) Fluoranthene	12.604	202	6932	4.640	ng	94
78) Pyrene	12.833	202	6932	5.270	ng	97
83) Chrysene	14.057	228	2377m	2.272	ng	
88) Benzo(b)fluoranthene	15.074	252	2294m	2.314	ng	

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

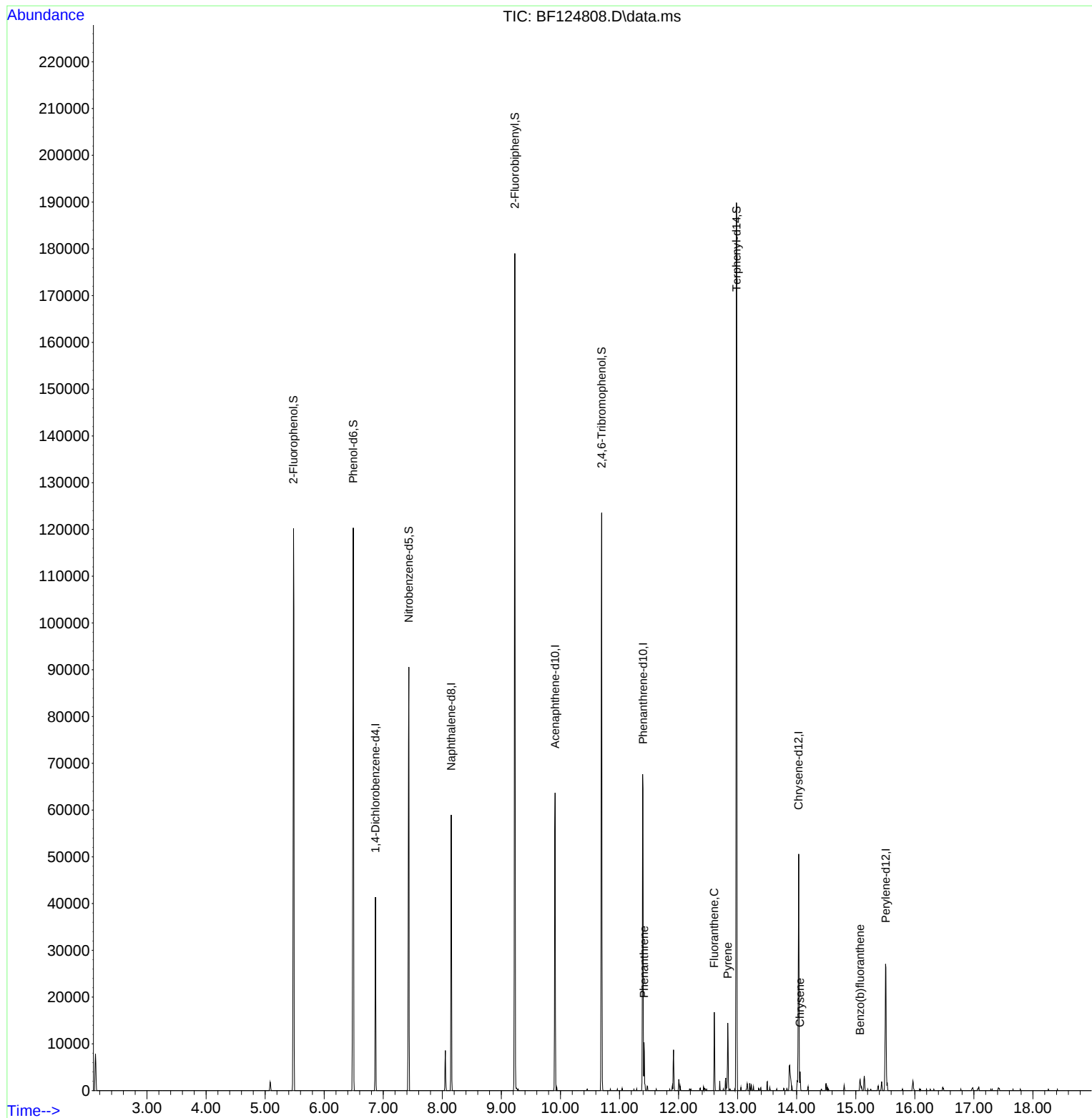
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
Data File : BF124808.D
Acq On : 27 Jul 2021 23:13
Operator : JU/CG
Sample : M3143-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

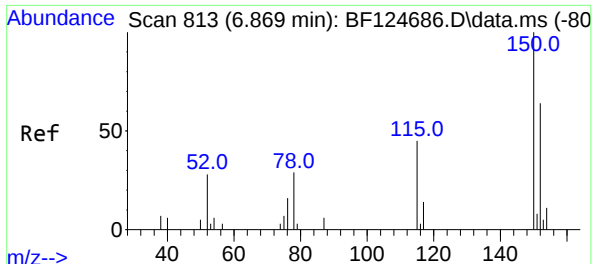
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

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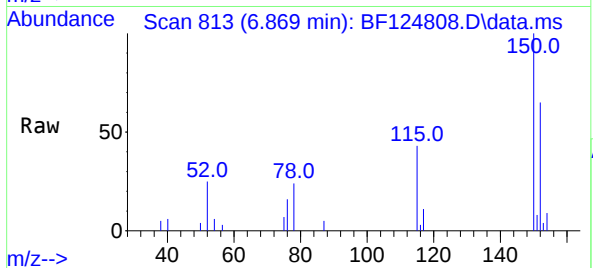
Quant Time: Jul 28 03:08:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

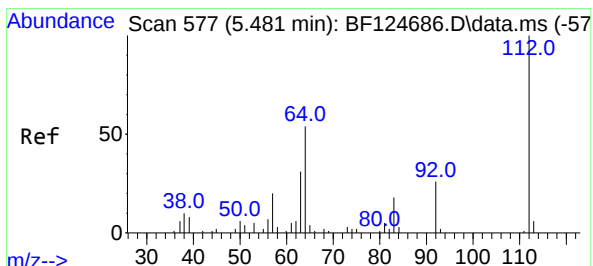
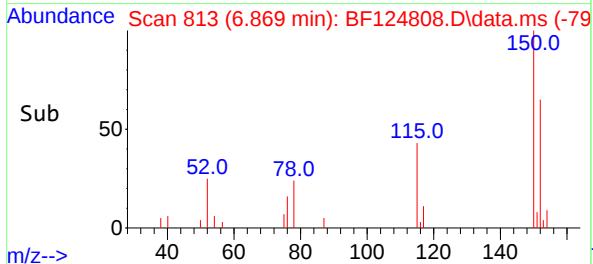
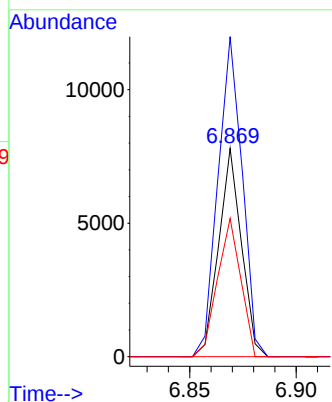
Instrument :
BNA_F
ClientSampled :
STOCK-PILE-2



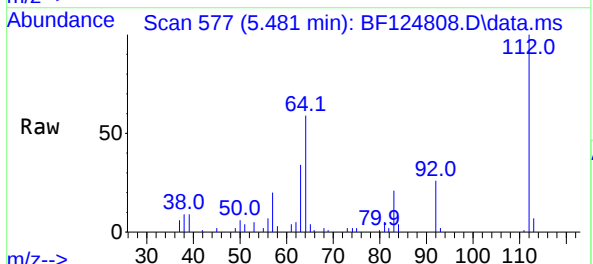
Tgt Ion:152 Resp: 5810
Ion Ratio Lower Upper
152 100
150 153.5 117.6 176.4
115 66.3 47.1 70.7

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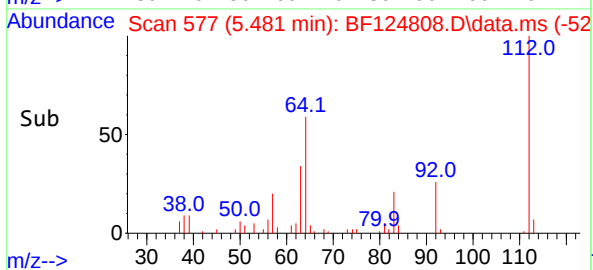
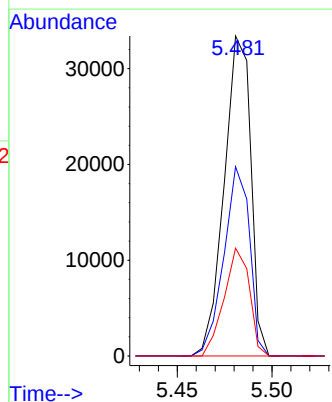
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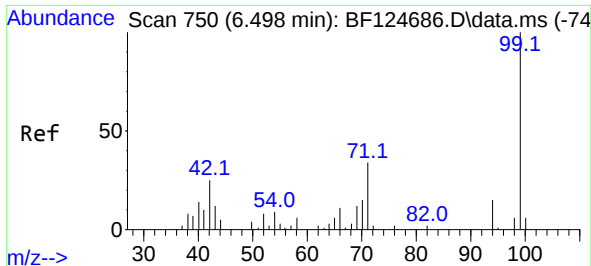


#5
2-Fluorophenol
Concen: 95.178 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13



Tgt Ion:112 Resp: 32660
Ion Ratio Lower Upper
112 100
64 59.1 44.2 66.2
63 33.7 26.2 39.2





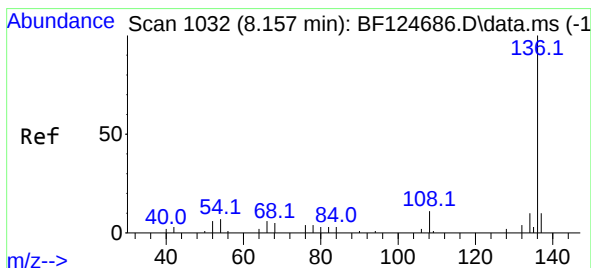
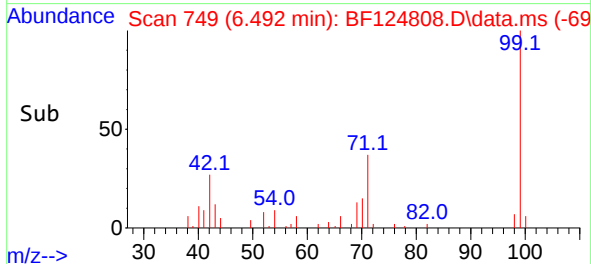
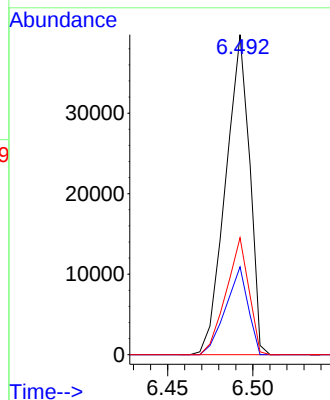
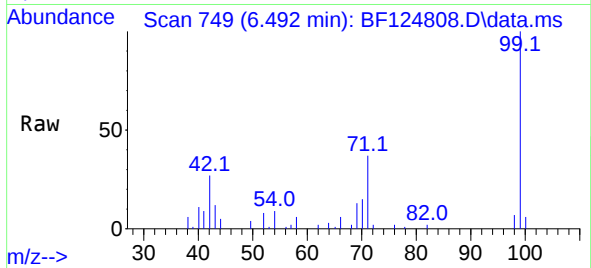
#7
Phenol-d6
Concen: 90.370 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion: 99	Resp: 38876
Ion Ratio	Lower Upper
99 100	
42 27.4	23.5 35.3
71 36.6	25.6 38.4

Instrument :
BNA_F
ClientSampled :
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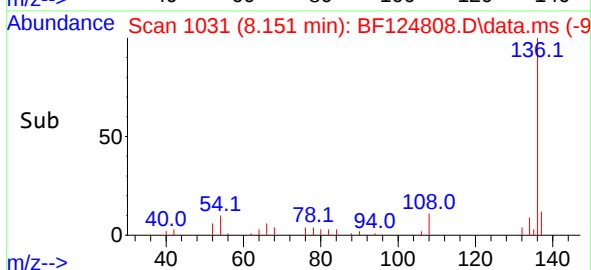
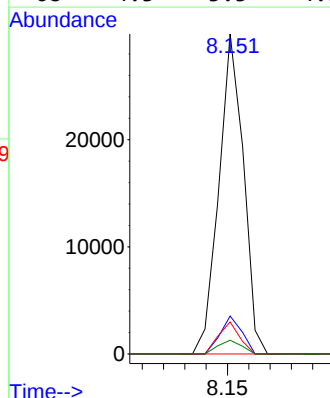
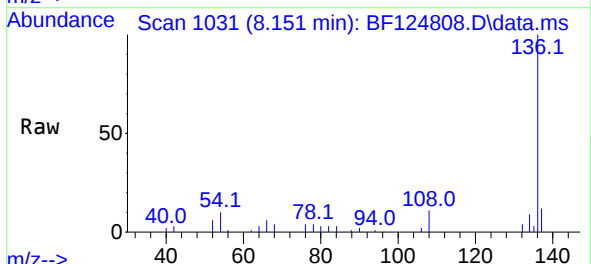
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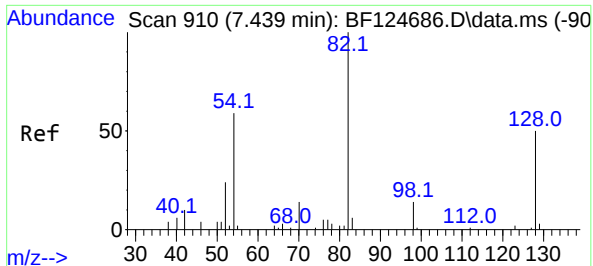
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt	Ion:136	Resp:	23898
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.6
54	10.0	6.4	9.6#
68	4.3	3.3	4.9





#23

Nitrobenzene-d5

Concen: 65.555 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124808.D

Acq: 27 Jul 2021 23:13

Tgt Ion:	82	Resp:	26322
Ion	Ratio	Lower	Upper
82	100		
128	46.2	40.6	60.8
54	56.3	49.6	74.4

Instrument :

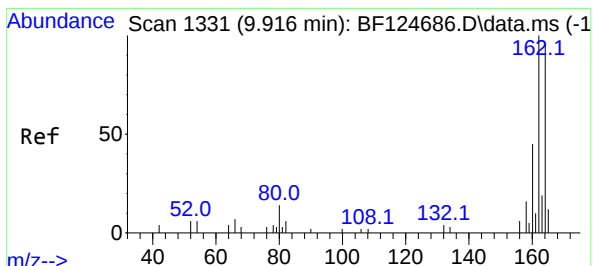
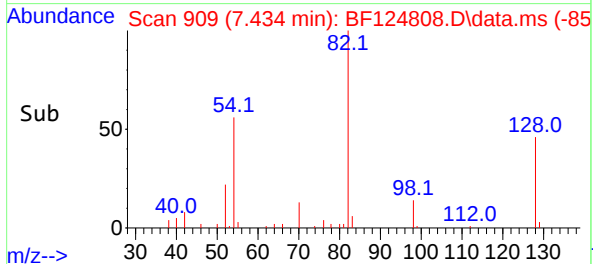
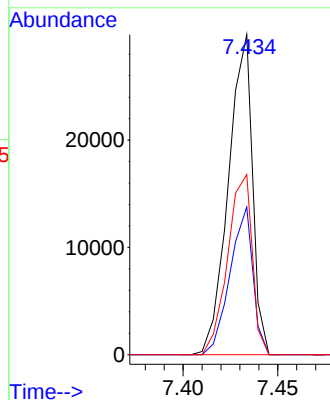
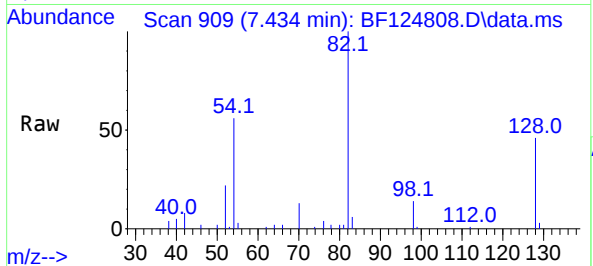
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ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.000 ng

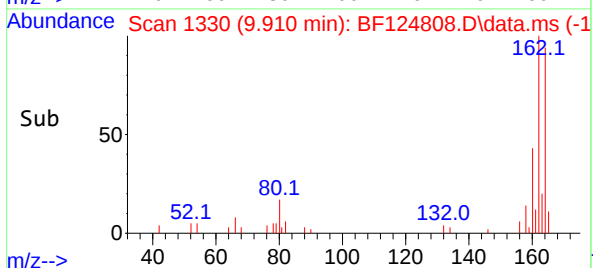
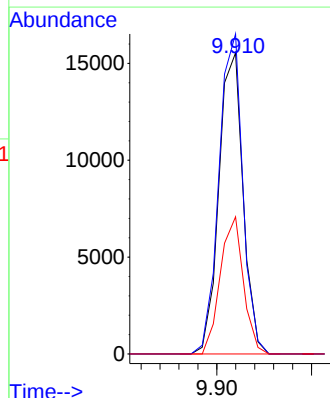
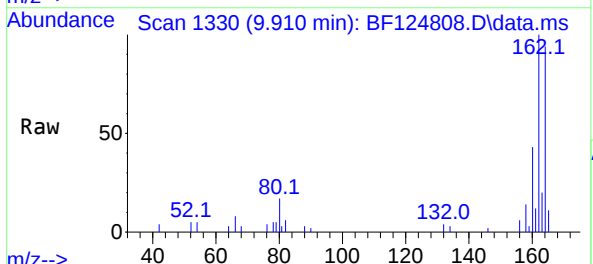
RT: 9.910 min Scan# 1330

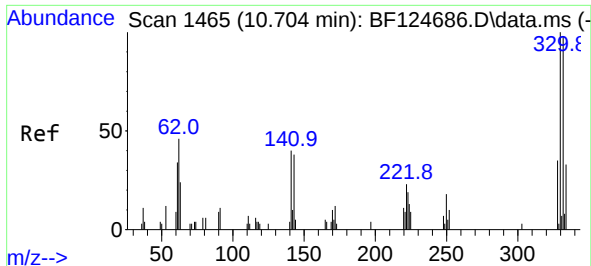
Delta R.T. -0.006 min

Lab File: BF124808.D

Acq: 27 Jul 2021 23:13

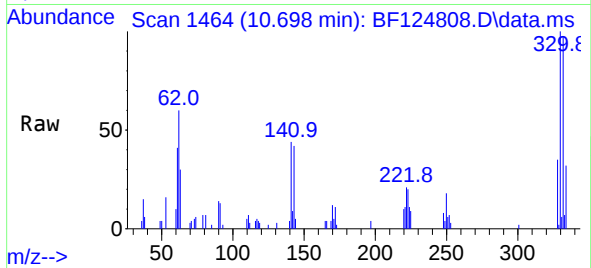
Tgt Ion:	164	Resp:	13771
Ion	Ratio	Lower	Upper
164	100		
162	106.3	81.3	121.9
160	45.5	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 100.628 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

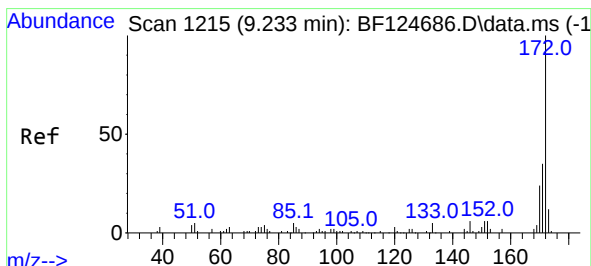
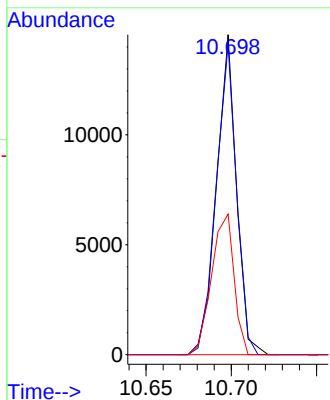
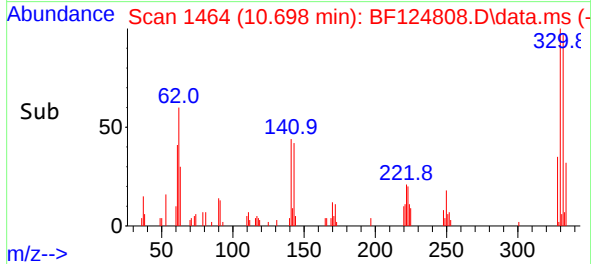
Instrument :
BNA_F
ClientSampled :
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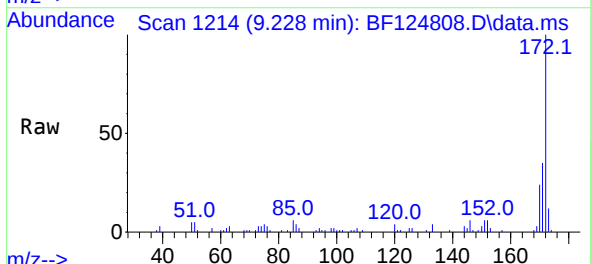
Tgt Ion: 330 Resp: 11898
Ion Ratio Lower Upper
330 100
332 98.9 76.2 114.4
141 49.2 44.6 66.8

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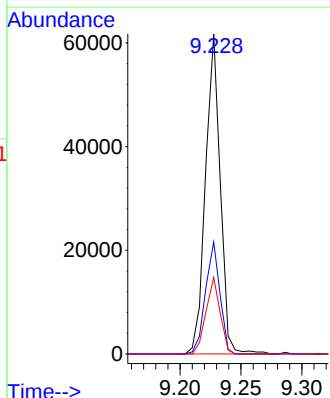
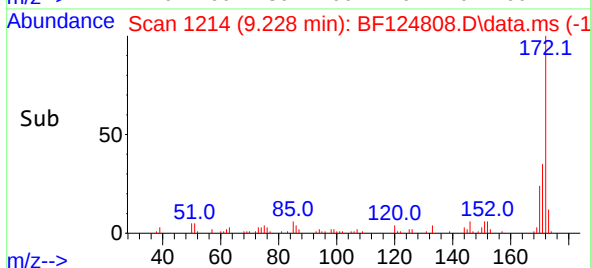
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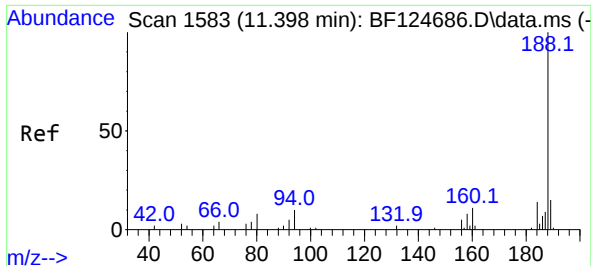


#45
2-Fluorobiphenyl
Concen: 55.466 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13



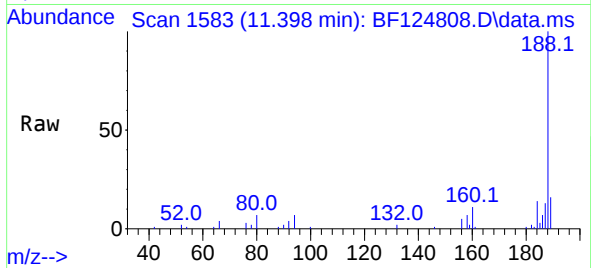
Tgt Ion: 172 Resp: 52005
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.9 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

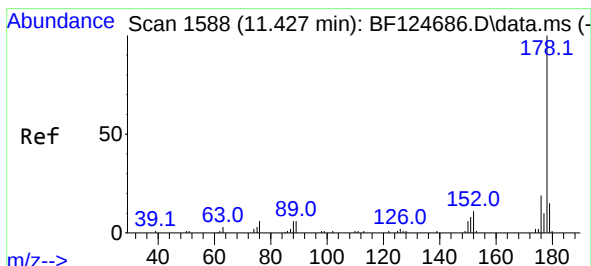
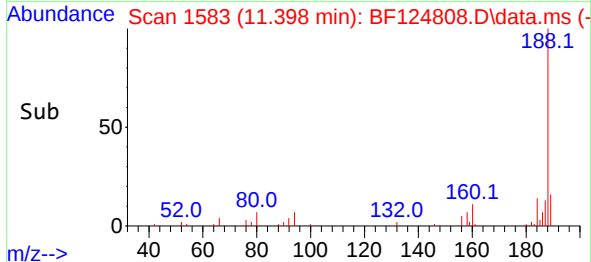
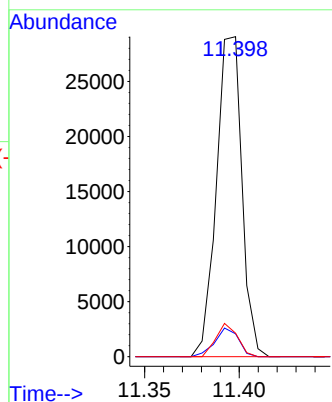
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2



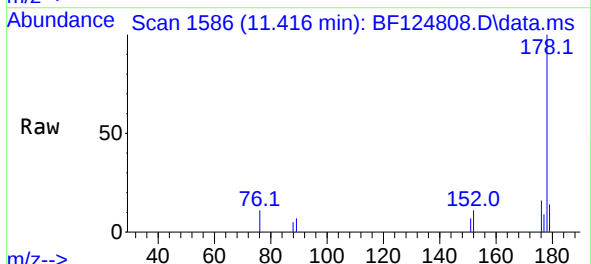
Tgt Ion:188 Resp: 27218
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 7.3 7.5 11.3#

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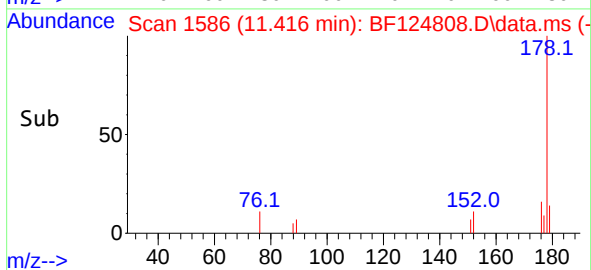
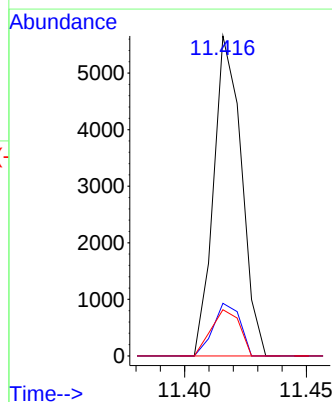
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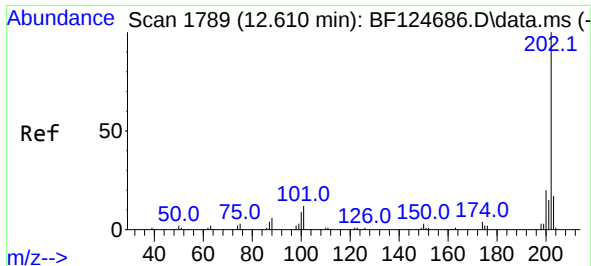


#71
Phenanthrene
Concen: 3.074 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13



Tgt Ion:178 Resp: 4500
Ion Ratio Lower Upper
178 100
176 16.4 14.7 22.1
179 14.4 11.5 17.3





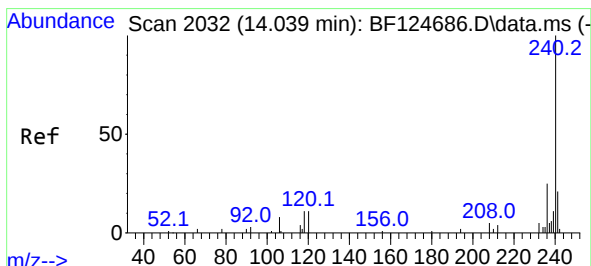
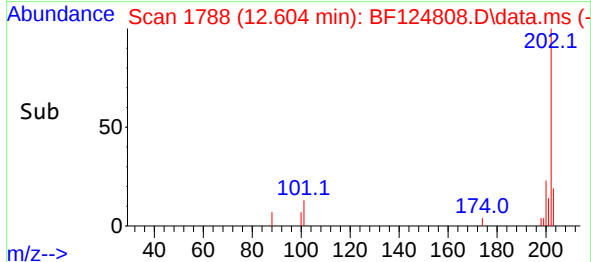
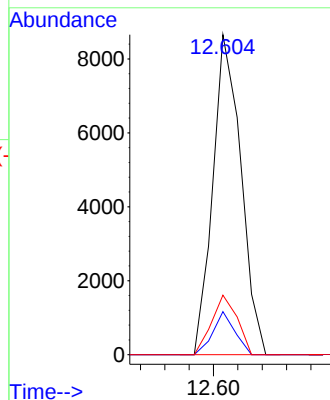
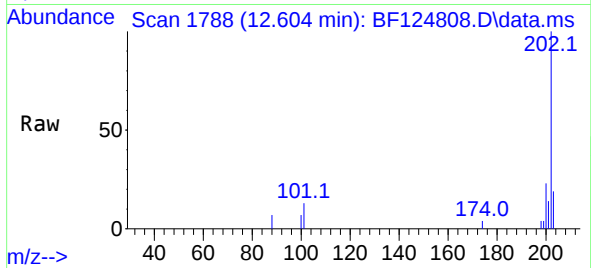
#75
Fluoranthene
Concen: 4.640 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion:	202	Resp:	6932
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	30.7
203	18.6	0.0	36.3

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

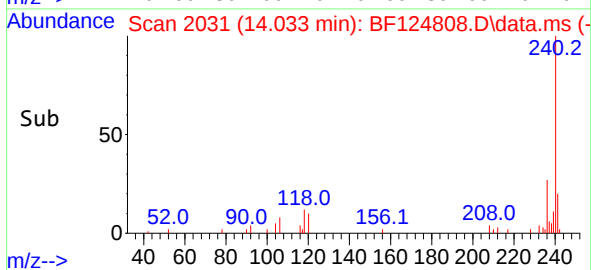
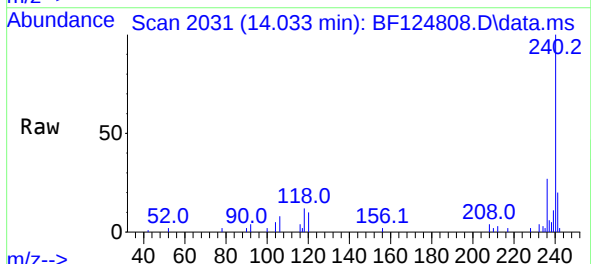
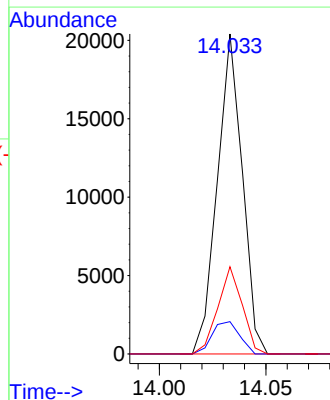
Manual Integrations
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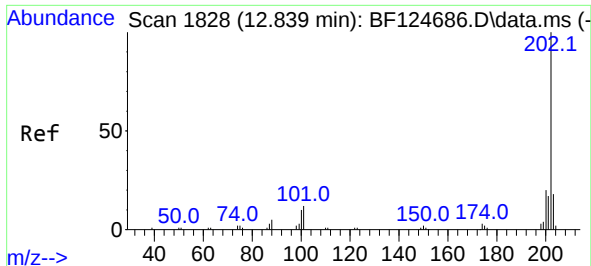
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

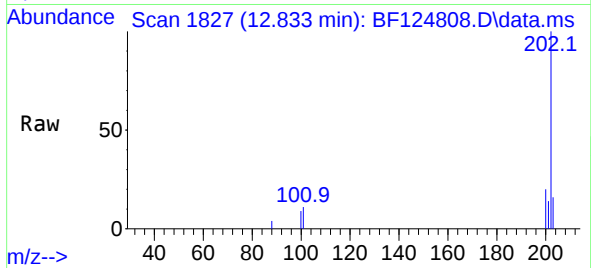
Tgt Ion:	240	Resp:	16615
Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.8	16.2#
236	27.2	21.6	32.4





#78
Pyrene
Concen: 5.270 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

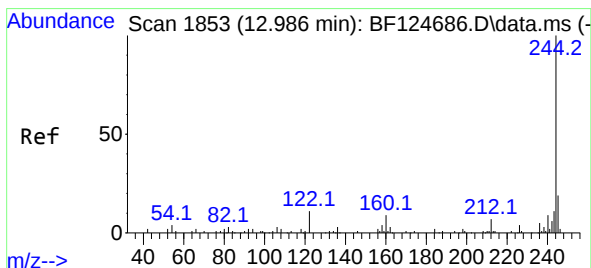
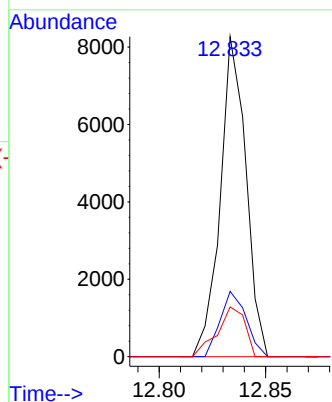
Instrument :
BNA_F
ClientSampled :
STOCK-PILE-2



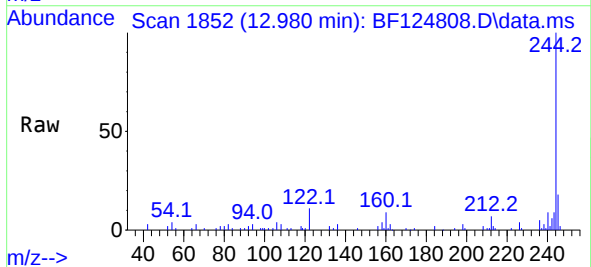
Tgt Ion:202 Resp: 6932
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 15.6 13.4 20.0

Manual Integrations
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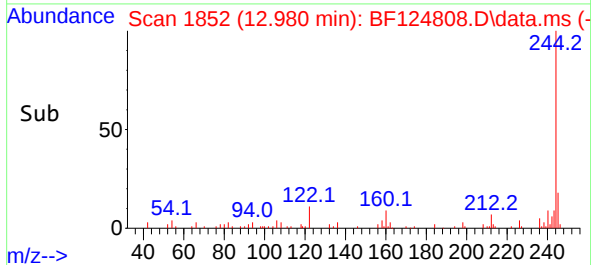
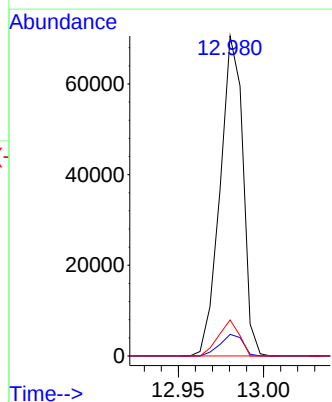
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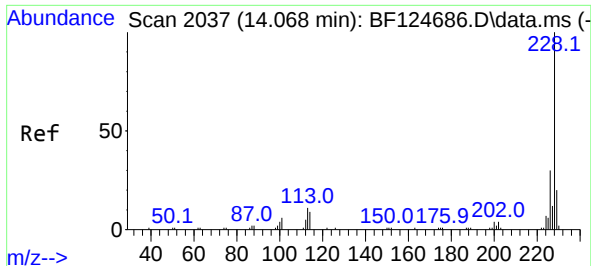


#79
Terphenyl-d14
Concen: 67.756 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13



Tgt Ion:244 Resp: 65675
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.3 9.0 13.4





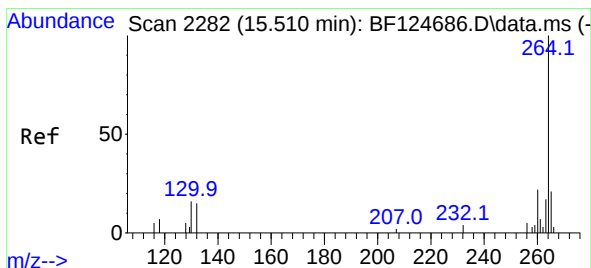
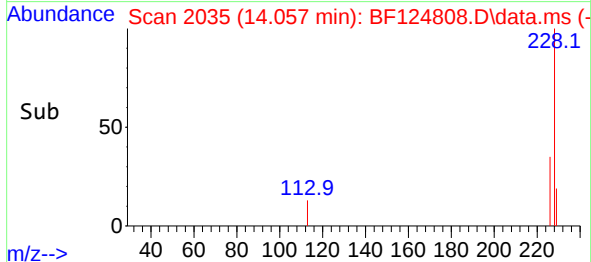
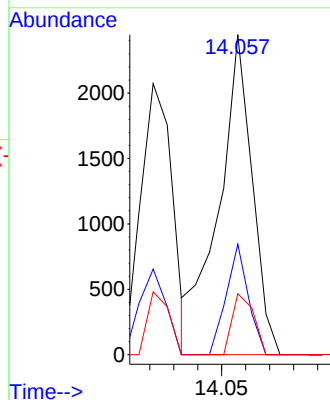
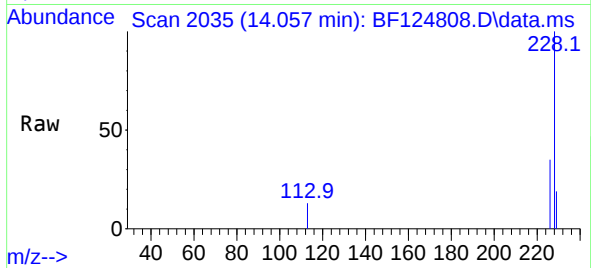
#83
Chrysene
Concen: 2.272 ng m
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion: 228 Resp: 2377
Ion Ratio Lower Upper
228 100
226 34.6 22.6 34.0#
229 19.1 15.9 23.9

Instrument :
BNA_F
ClientSampled :
STOCK-PILE-2

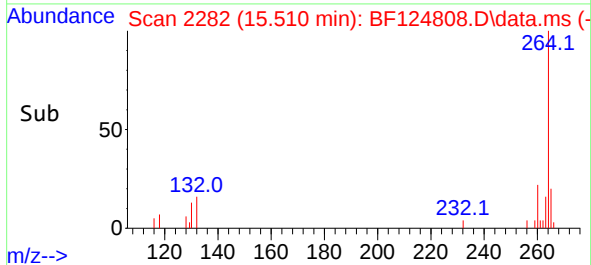
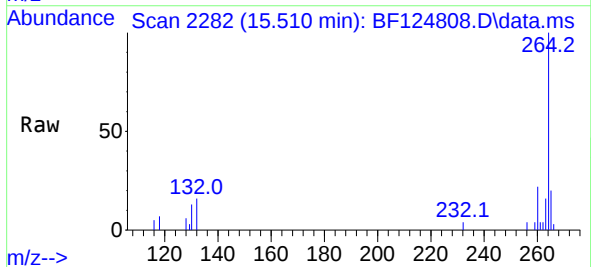
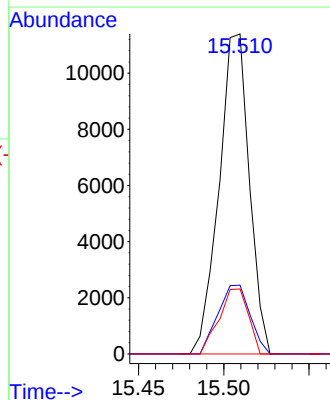
Manual Integrations
APPROVED

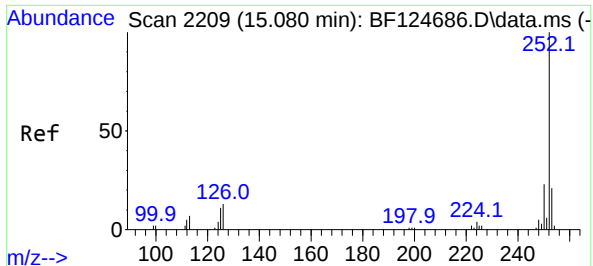
mohammad
7/28/2021 11:32:45 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion: 264 Resp: 14078
Ion Ratio Lower Upper
264 100
260 21.5 19.6 29.4
265 20.3 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.314 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124808.D
Acq: 27 Jul 2021 23:13

Tgt Ion:252 Resp: 2294
Ion Ratio Lower Upper
252 100
253 30.5 16.8 25.2#
125 0.0 9.8 14.8#

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2

Manual Integrations
APPROVED

mohammad
7/28/2021 11:32:45 AM

