

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124840.D
 Acq On : 28 Jul 2021 22:05
 Operator : JU/CG
 Sample : M3198-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Manual Integrations
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Quant Time: Jul 29 02:11:55 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	5400	20.000	ng	# 0.00
21) Naphthalene-d8	8.151	136	21586	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	11679	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	18777	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	12119	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	13063	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	34526	108.256	ng	0.00
7) Phenol-d6	6.498	99	41055	102.682	ng	0.00
23) Nitrobenzene-d5	7.434	82	27624	76.166	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	11027	109.967	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	59598	74.950	ng	0.00
79) Terphenyl-d14	12.980	244	49685	70.276	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.416	178	8496	8.413	ng	96
75) Fluoranthene	12.604	202	10987	10.661	ng	97
78) Pyrene	12.833	202	8524	8.884	ng	99
81) Benzo(a)anthracene	14.021	228	2510m	3.168	ng	
83) Chrysene	14.057	228	4487	5.879	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	2380	3.156	ng	# 68
88) Benzo(b)fluoranthene	15.074	252	6637m	7.216	ng	
89) Benzo(k)fluoranthene	15.098	252	1990m	2.368	ng	
90) Benzo(a)pyrene	15.445	252	3333	4.338	ng	# 91
92) Benzo(g,h,i)perylene	17.427	276	2012	3.214	ng	# 47

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

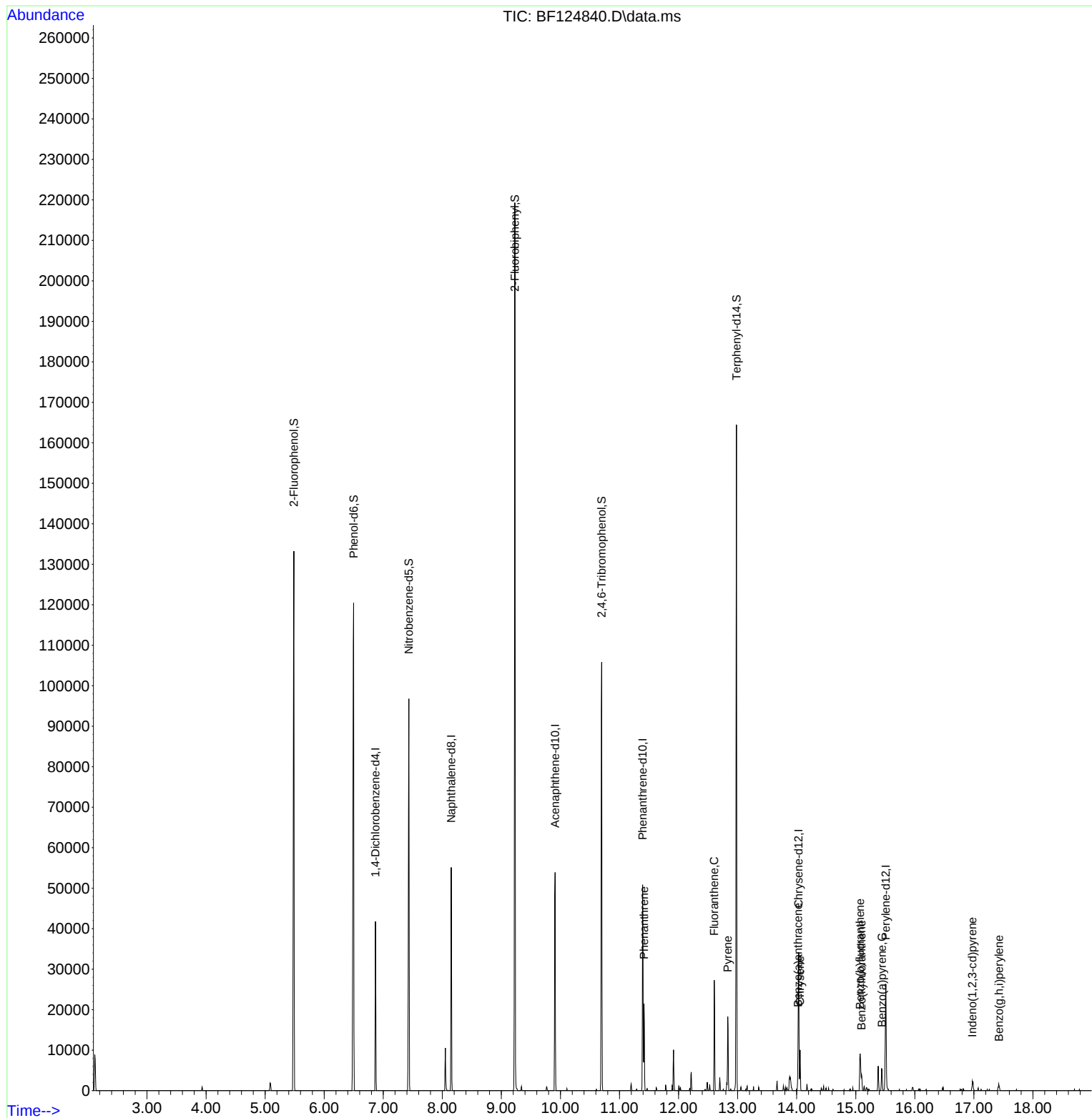
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124840.D
Acq On : 28 Jul 2021 22:05
Operator : JU/CG
Sample : M3198-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

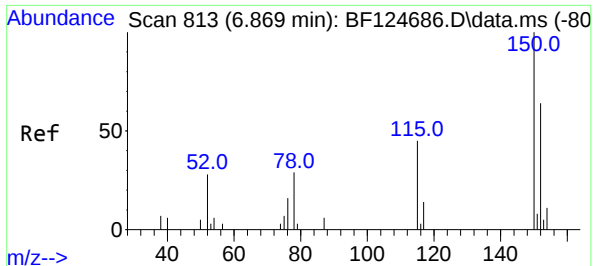
Instrument :
BNA_F
ClientSampleId :
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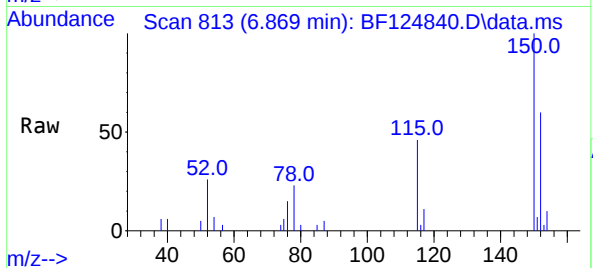
Quant Time: Jul 29 02:11:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

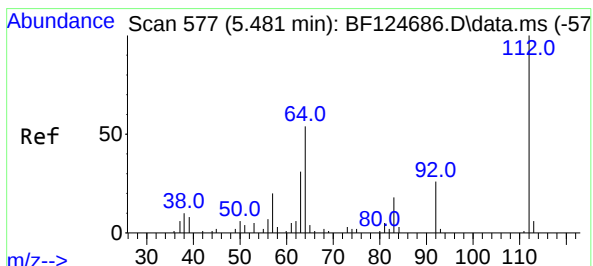
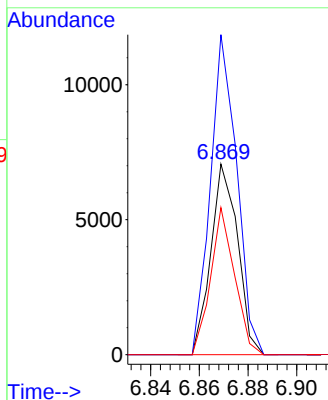
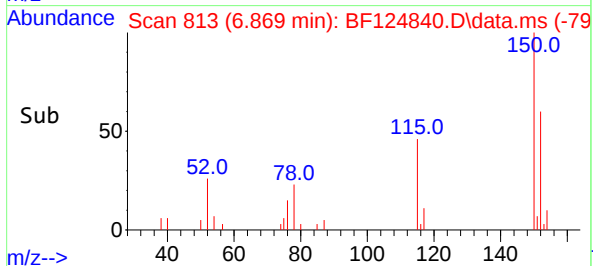
Instrument :
BNA_F
ClientSampled :
TP-7



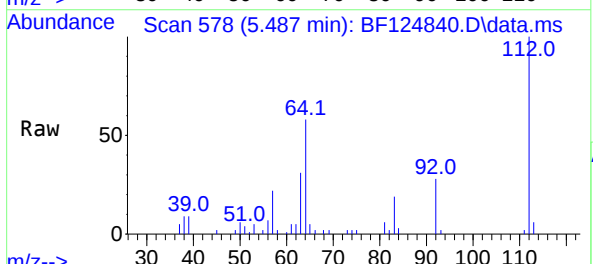
Tgt Ion:152 Resp: 5400
Ion Ratio Lower Upper
152 100
150 167.9 117.6 176.4
115 77.1 47.1 70.7#

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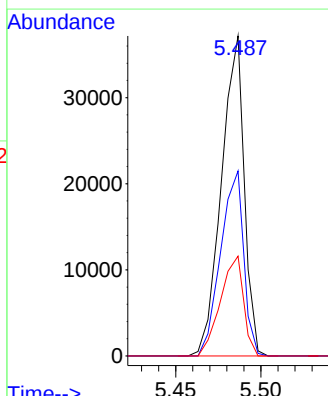
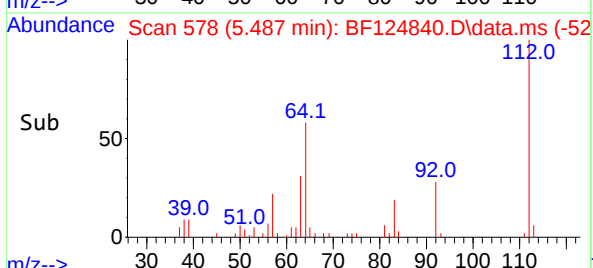
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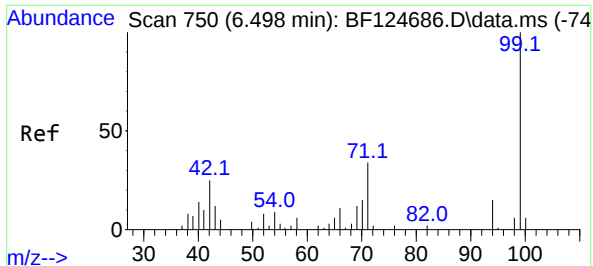


#5
2-Fluorophenol
Concen: 108.256 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05



Tgt Ion:112 Resp: 34526
Ion Ratio Lower Upper
112 100
64 57.8 44.2 66.2
63 31.2 26.2 39.2





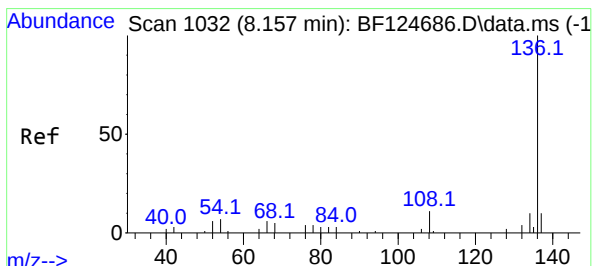
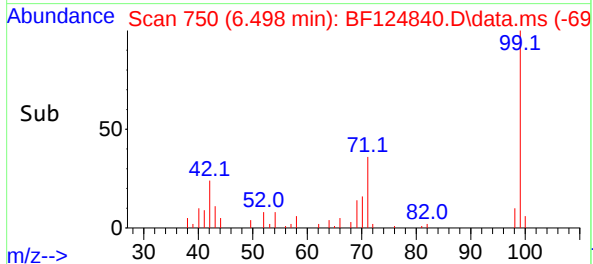
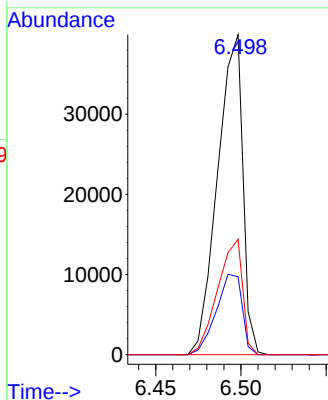
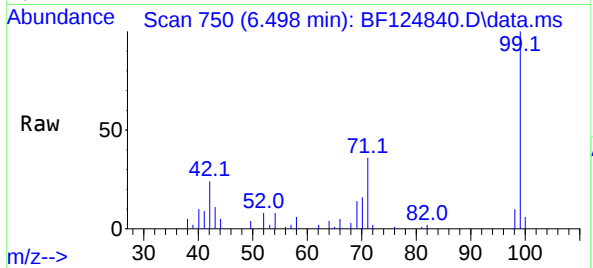
#7
Phenol-d6
Concen: 102.682 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

Tgt Ion:	99	Resp:	41055
Ion	Ratio	Lower	Upper
99	100		
42	24.3	23.5	35.3
71	36.0	25.6	38.4

Instrument :
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ClientSampleId :
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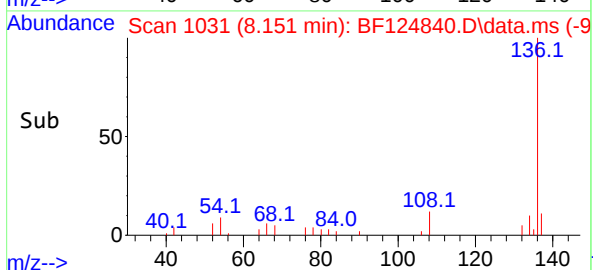
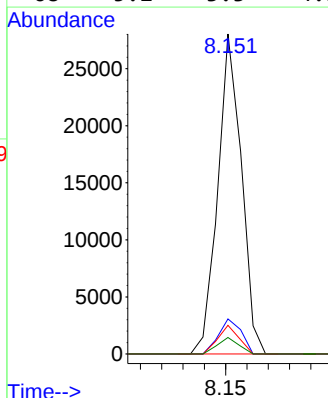
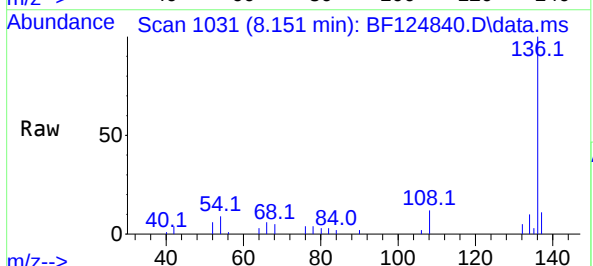
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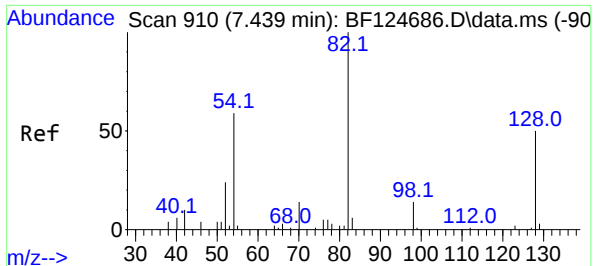
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

Tgt Ion:	136	Resp:	21586
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	9.0	6.4	9.6
68	5.2	3.3	4.9





#23

Nitrobenzene-d5

Concen: 76.166 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124840.D

Acq: 28 Jul 2021 22:05

Tgt Ion:	82	Resp:	27624
Ion	Ratio	Lower	Upper
82	100		
128	45.9	40.6	60.8
54	55.6	49.6	74.4

Instrument :

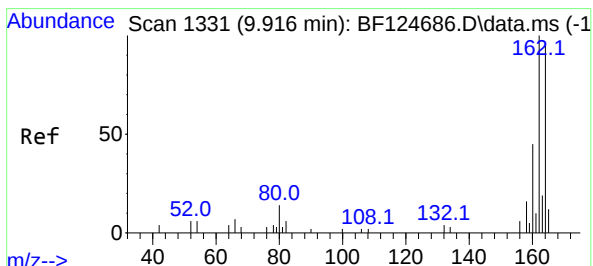
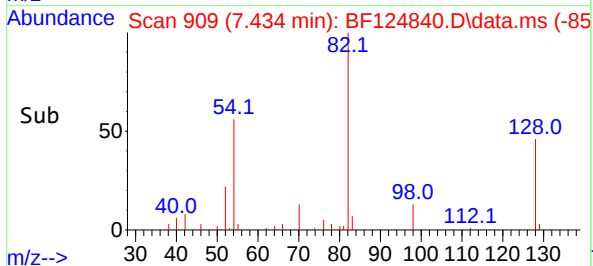
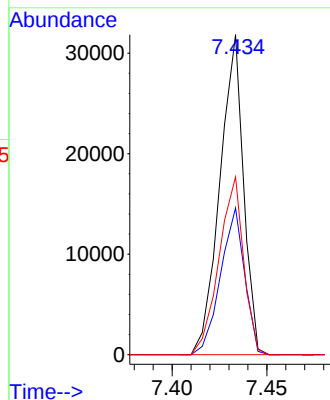
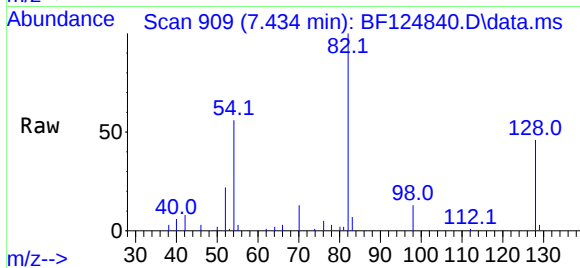
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#39

Acenaphthene-d10

Concen: 20.000 ng

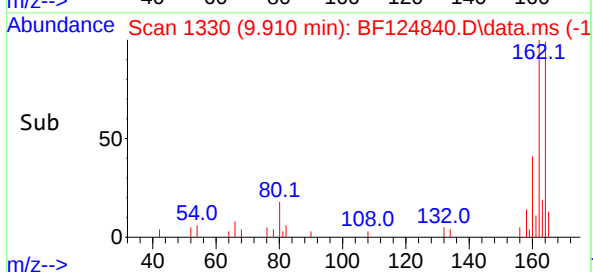
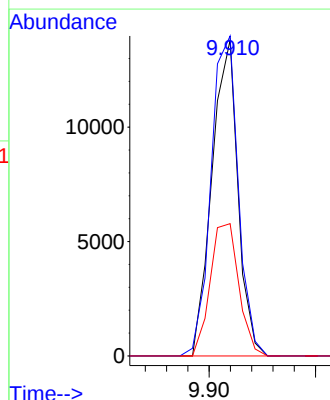
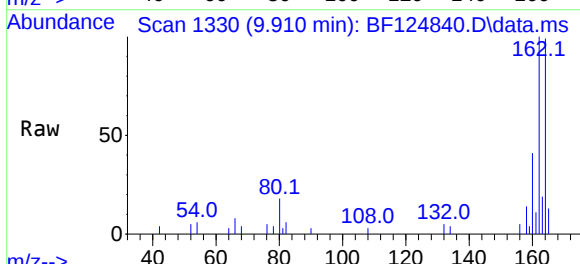
RT: 9.910 min Scan# 1330

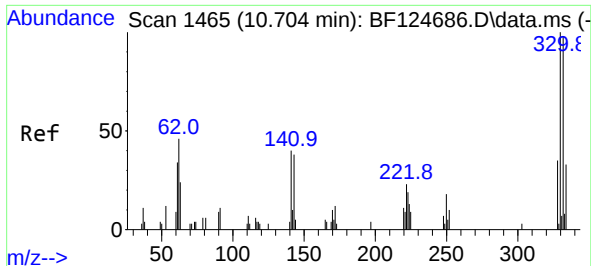
Delta R.T. -0.006 min

Lab File: BF124840.D

Acq: 28 Jul 2021 22:05

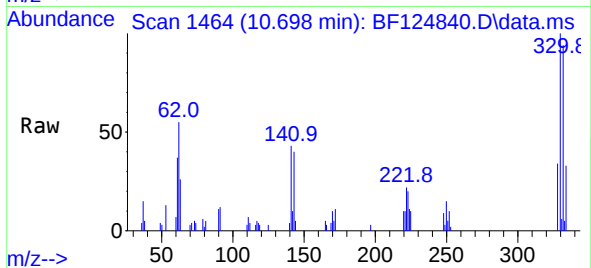
Tgt Ion:	164	Resp:	11679
Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.3	121.9
160	41.9	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 109.967 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

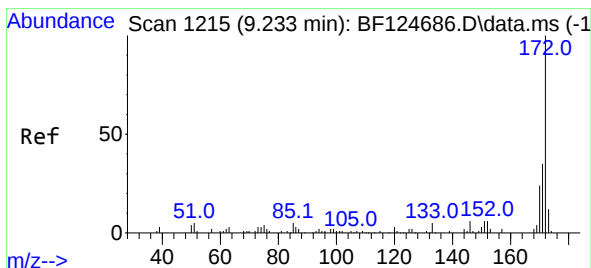
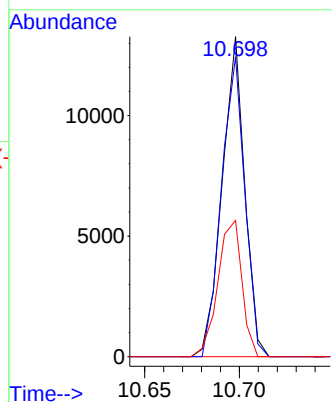
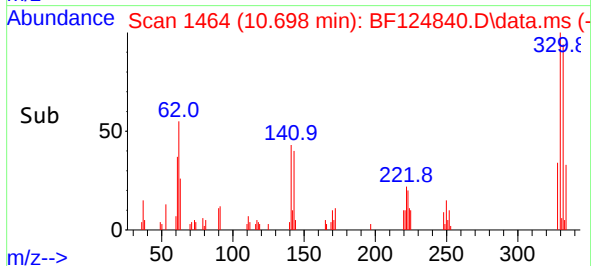
Instrument :
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ClientSampled :
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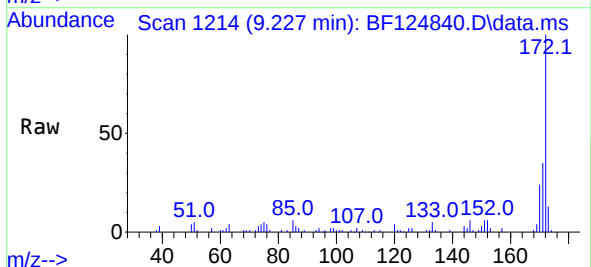
Tgt Ion:330 Resp: 11027
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 45.3 44.6 66.8

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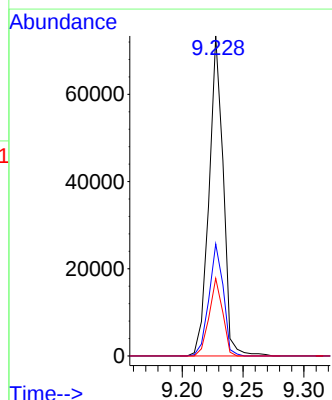
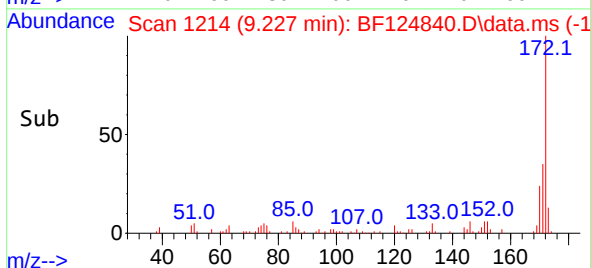
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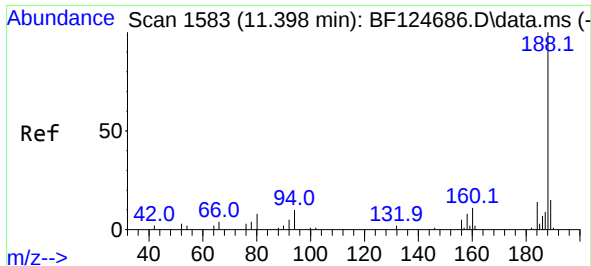


#45
2-Fluorobiphenyl
Concen: 74.950 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05



Tgt Ion:172 Resp: 59598
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 24.3 18.8 28.2





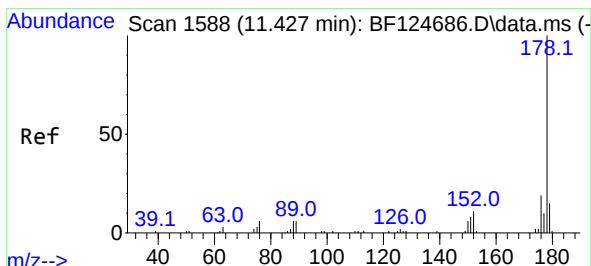
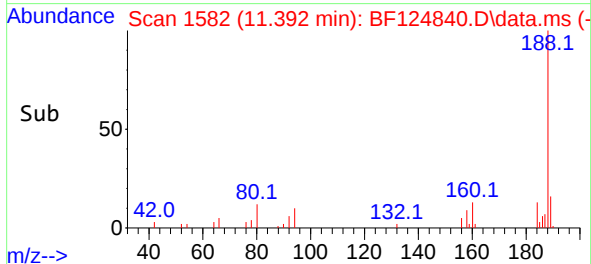
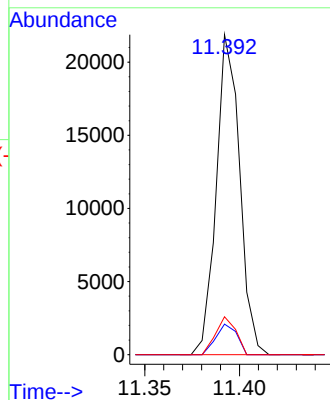
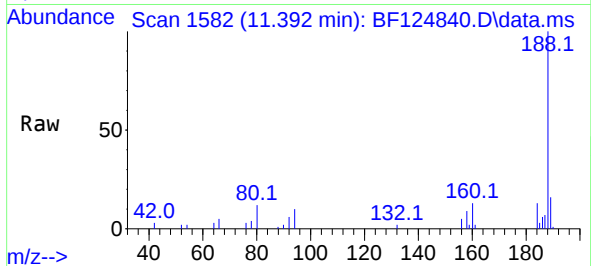
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

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ClientSampled :
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Tgt Ion:188 Resp: 18777
Ion Ratio Lower Upper
188 100
94 9.5 6.7 10.1
80 11.8 7.5 11.3#

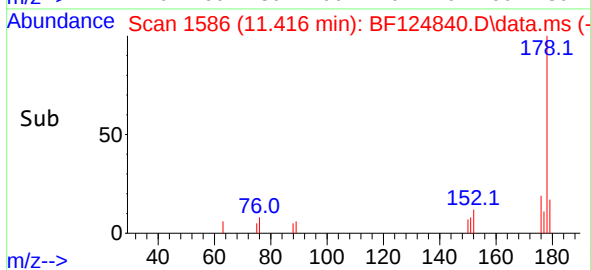
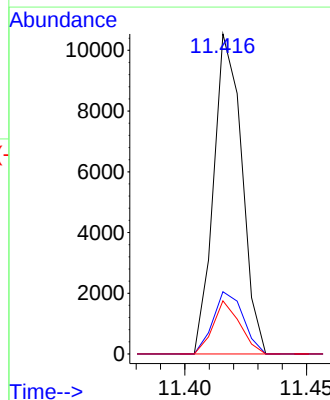
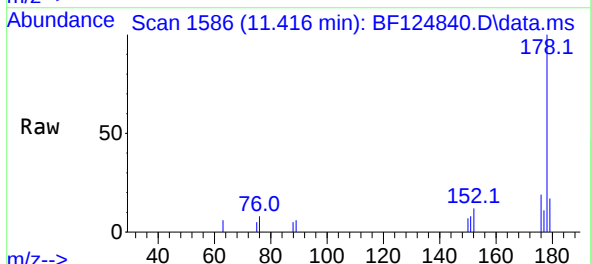
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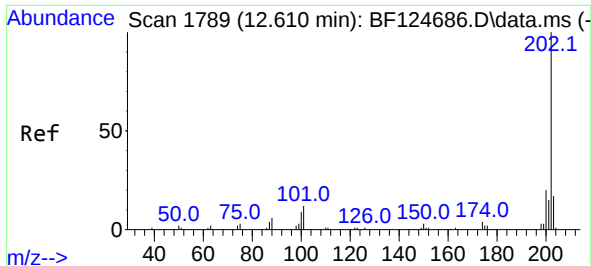
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#71
Phenanthrene
Concen: 8.413 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

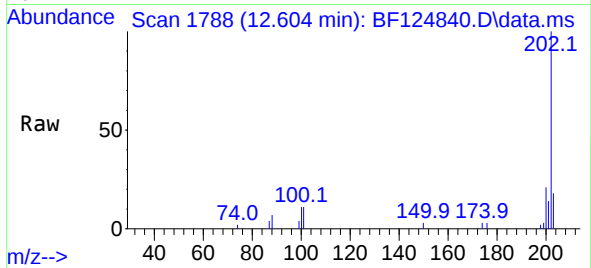
Tgt Ion:178 Resp: 8496
Ion Ratio Lower Upper
178 100
176 19.5 14.7 22.1
179 16.6 11.5 17.3





#75
Fluoranthene
Concen: 10.661 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

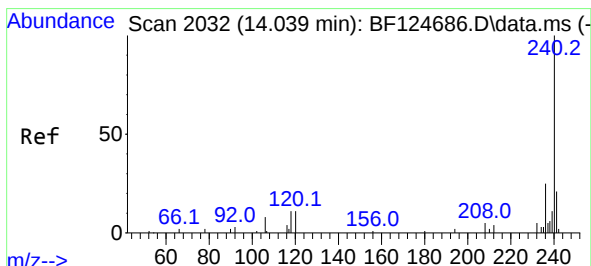
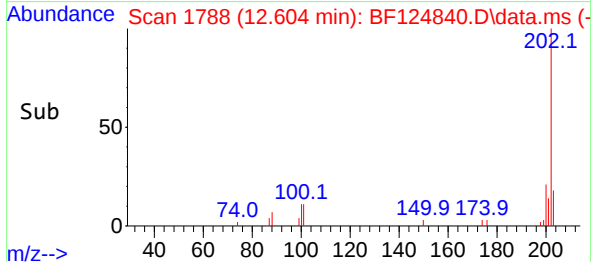
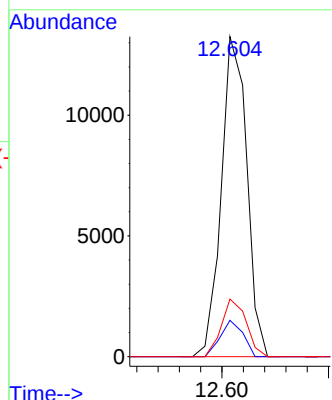
Instrument :
BNA_F
ClientSampled :
TP-7



Tgt Ion:202 Resp: 10987
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 18.0 0.0 36.3

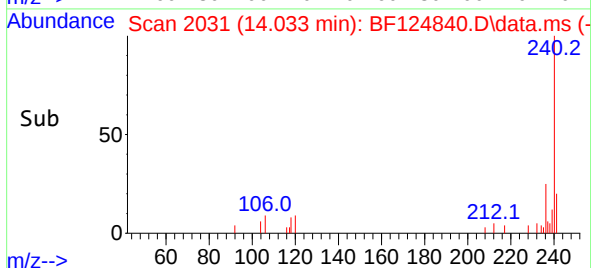
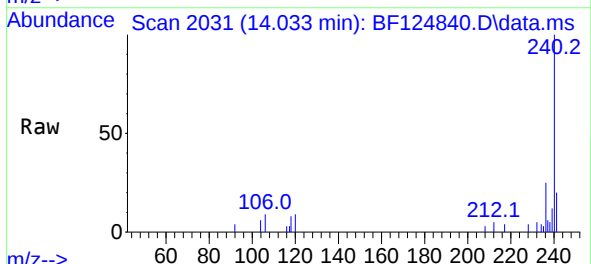
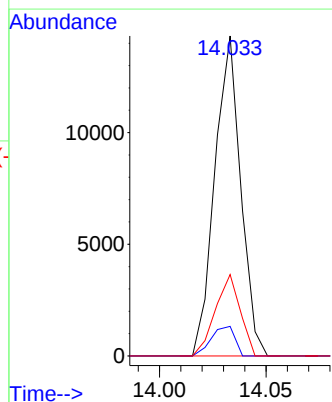
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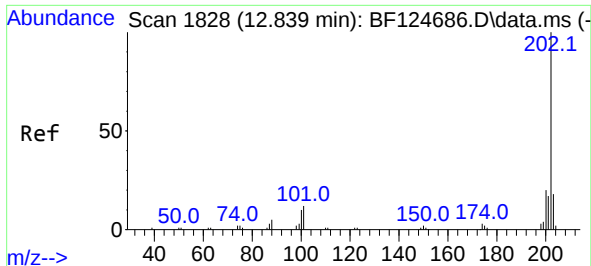
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

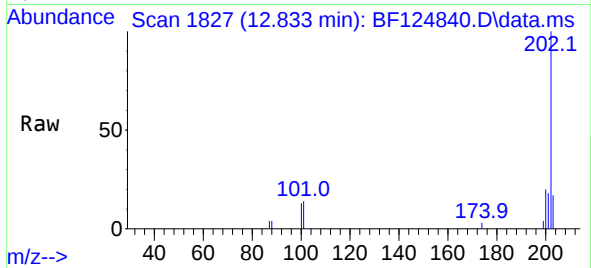
Tgt Ion:240 Resp: 12119
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 25.4 21.6 32.4





#78
Pyrene
Concen: 8.884 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

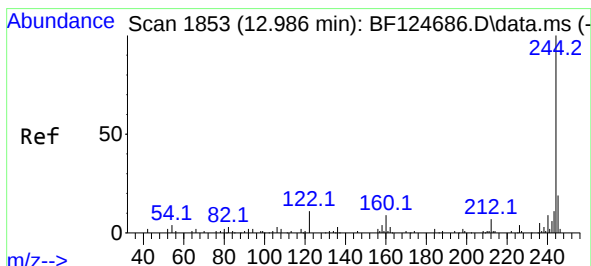
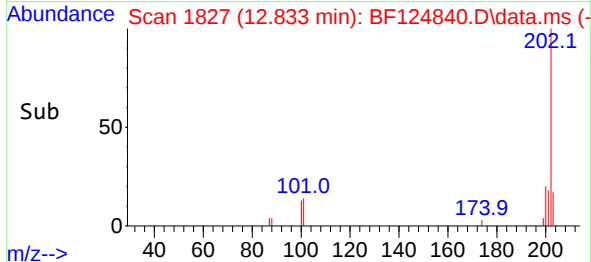
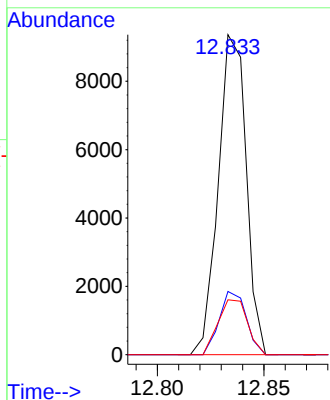
Instrument :
BNA_F
ClientSampled :
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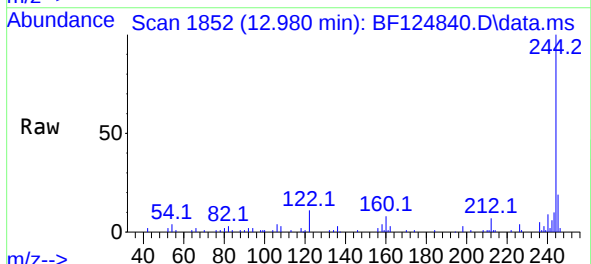
Tgt Ion:202 Resp: 8524
Ion Ratio Lower Upper
202 100
200 19.7 15.3 22.9
203 17.1 13.4 20.0

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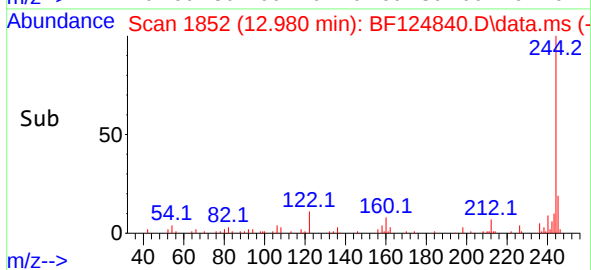
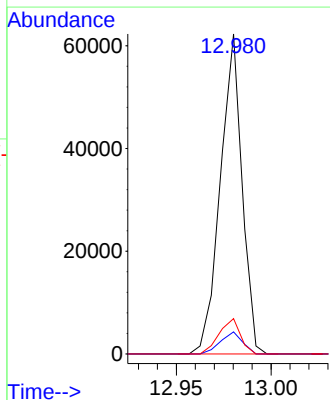
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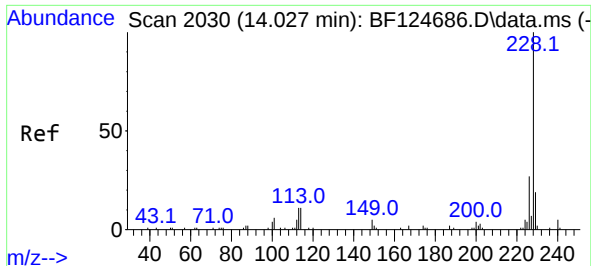


#79
Terphenyl-d14
Concen: 70.276 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05



Tgt Ion:244 Resp: 49685
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.1 9.0 13.4





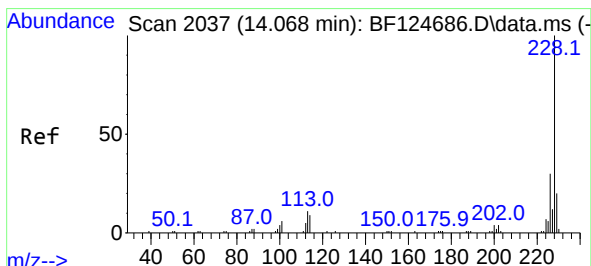
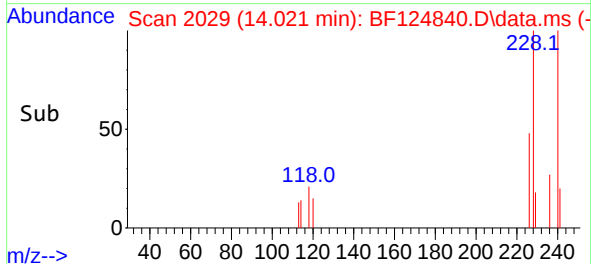
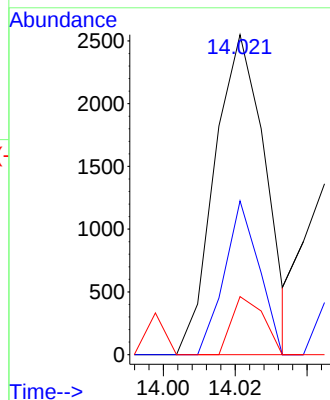
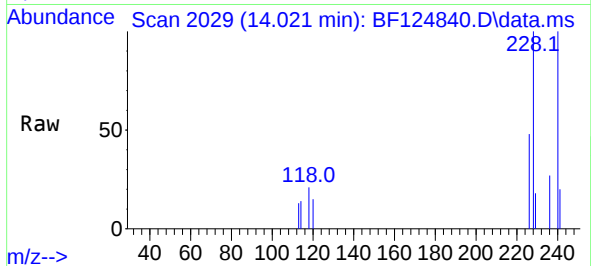
#81
Benzo(a)anthracene
Concen: 3.168 ng m
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

Tgt Ion:228 Resp: 2510
Ion Ratio Lower Upper
228 100
226 48.0 21.6 32.4#
229 18.1 15.6 23.4

Instrument :
BNA_F
ClientSampled :
TP-7

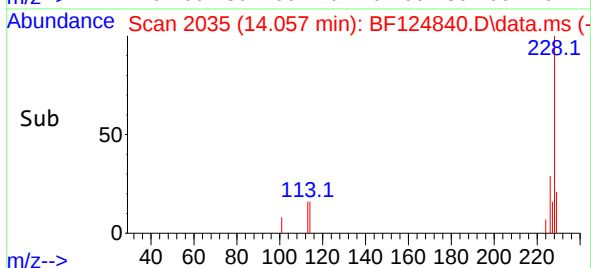
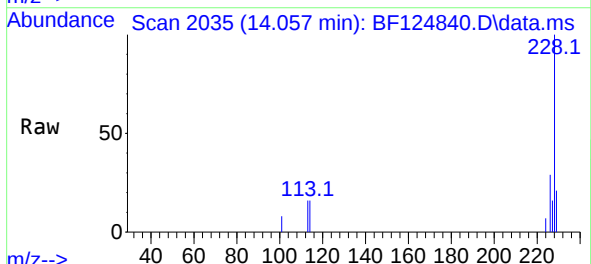
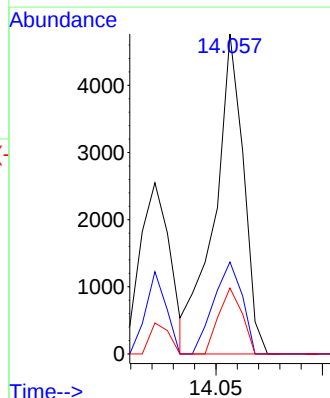
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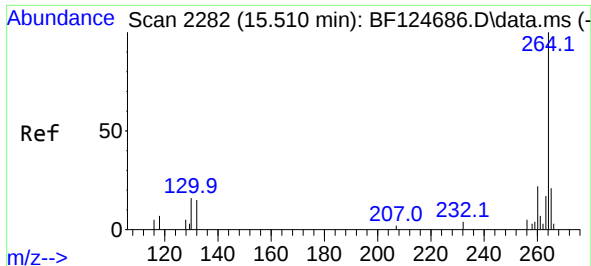
mohammad
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#83
Chrysene
Concen: 5.879 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

Tgt Ion:228 Resp: 4487
Ion Ratio Lower Upper
228 100
226 28.8 22.6 34.0
229 20.6 15.9 23.9





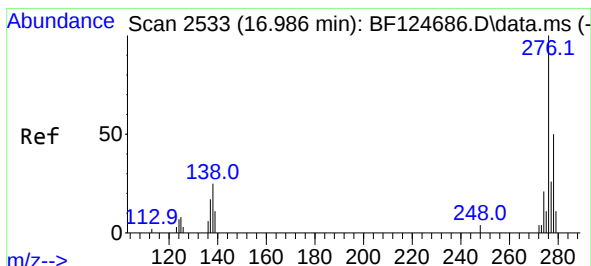
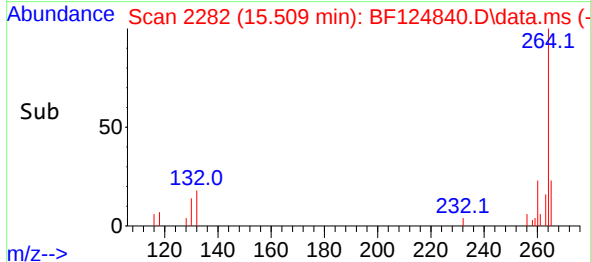
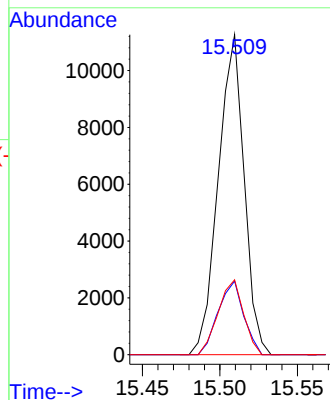
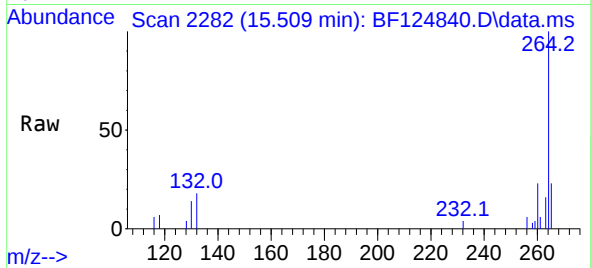
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

Tgt Ion:	264	Resp:	13063
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.6	29.4
265	23.4	17.2	25.8

Instrument :
BNA_F
ClientSampled :
TP-7

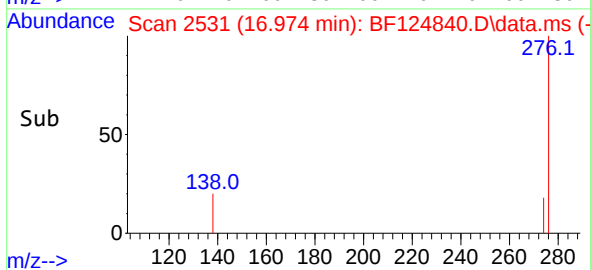
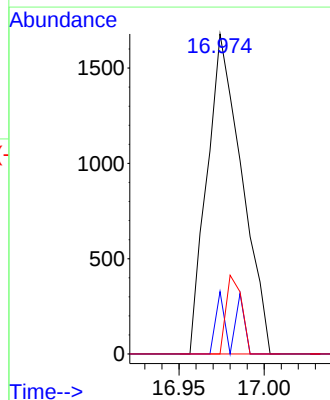
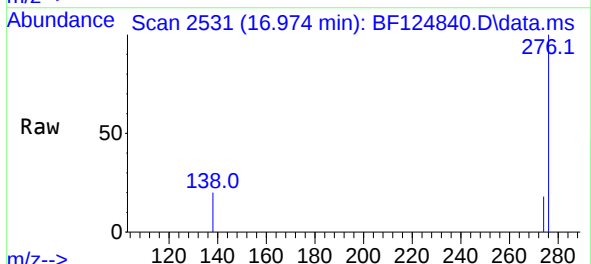
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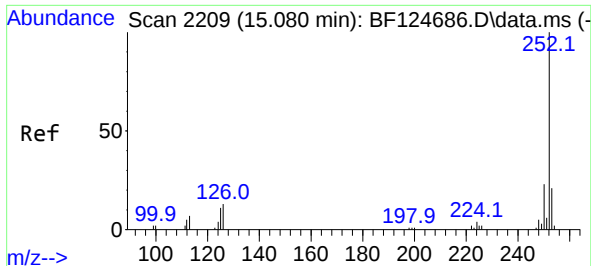
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.156 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.012 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

Tgt Ion:	276	Resp:	2380
Ion Ratio	Lower	Upper	
276	100		
138	9.6	24.1	36.1#
277	11.0	18.8	28.2#





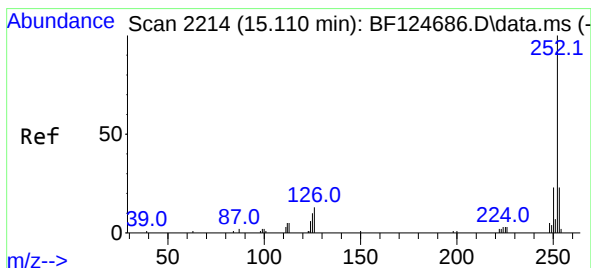
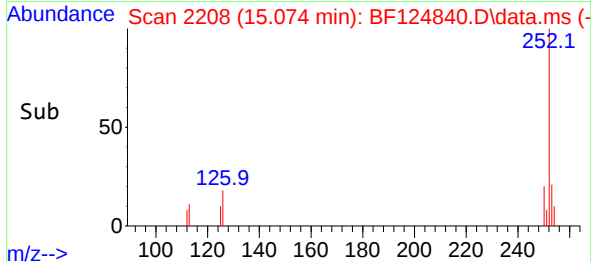
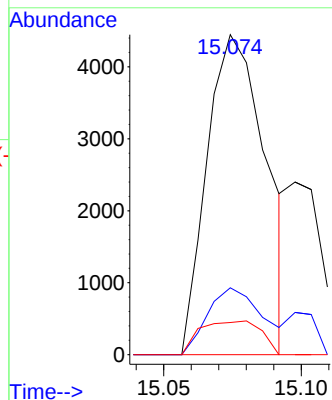
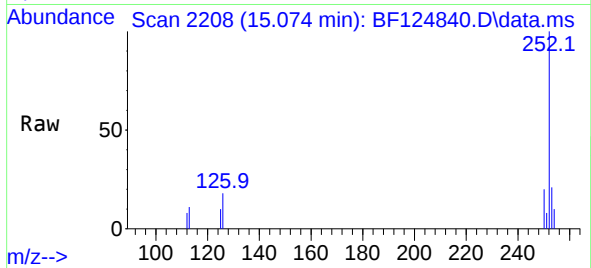
#88
Benzo(b)fluoranthene
Concen: 7.216 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

Tgt Ion:252 Resp: 6637
Ion Ratio Lower Upper
252 100
253 20.9 16.8 25.2
125 10.1 9.8 14.8

Instrument :
BNA_F
ClientSampled :
TP-7

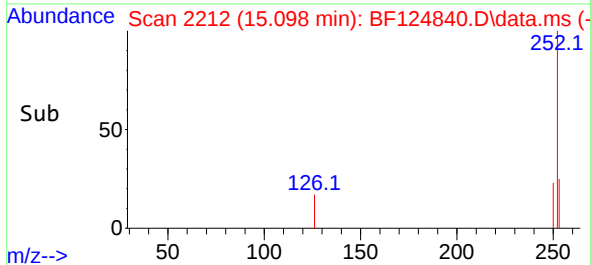
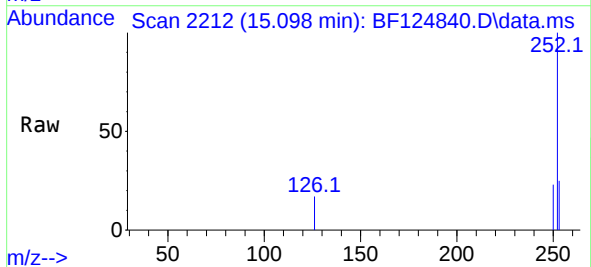
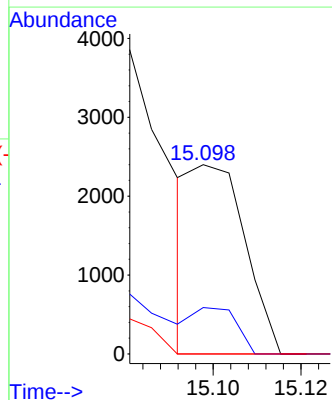
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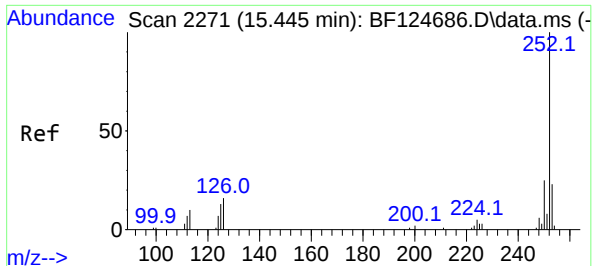
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.368 ng m
RT: 15.098 min Scan# 2212
Delta R.T. -0.012 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

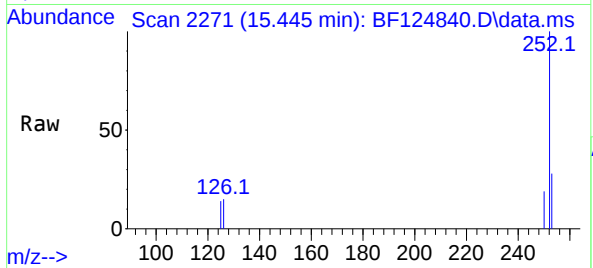
Tgt Ion:252 Resp: 1990
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.8
125 0.0 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 4.338 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

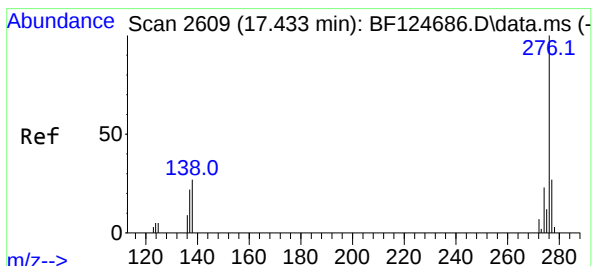
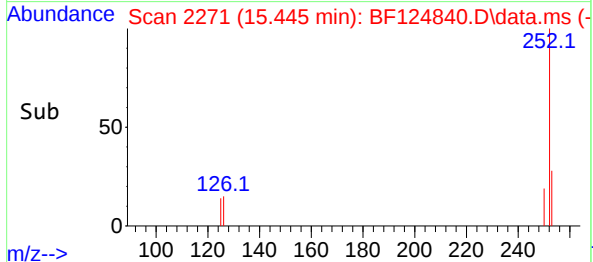
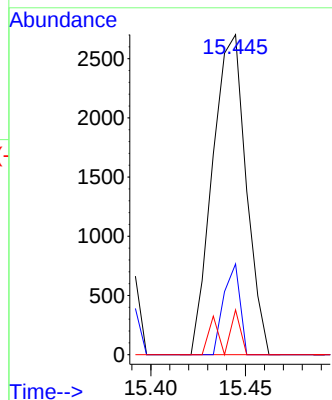
Instrument :
BNA_F
ClientSampled :
TP-7



Tgt Ion:252 Resp: 3333
Ion Ratio Lower Upper
252 100
253 28.3 18.4 27.6#
125 14.0 9.9 14.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.214 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BF124840.D
Acq: 28 Jul 2021 22:05

Tgt Ion:276 Resp: 2012
Ion Ratio Lower Upper
276 100
277 0.0 22.0 33.0#
138 0.0 22.2 33.4#

