

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070221\
 Data File : BF124524.D
 Acq On : 2 Jul 2021 18:21
 Operator : JU/CG
 Sample : M2913-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-2700

Manual Integrations
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mohammad
 7/7/2021 11:35:11 AM

Quant Time: Jul 03 01:44:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 02 14:41:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	33048	20.00	ng	0.00
21) Naphthalene-d8	7.951	136	127788	20.00	ng	# 0.00
39) Acenaphthene-d10	9.704	164	76213	20.00	ng	0.00
64) Phenanthrene-d10	11.192	188	124589	20.00	ng	0.00
76) Chrysene-d12	13.839	240	82970	20.00	ng	0.00
86) Perylene-d12	15.263	264	80782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	190822	90.81	ng	0.00
7) Phenol-d6	6.328	99	240301	87.58	ng	0.00
23) Nitrobenzene-d5	7.239	82	176557	57.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.498	330	75849	83.30	ng	0.00
45) 2-Fluorobiphenyl	9.028	172	353869	56.88	ng	0.00
79) Terphenyl-d14	12.774	244	265245	47.88	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.216	178	161266	20.53	ng	98
72) Anthracene	11.269	178	35305	4.51	ng	97
75) Fluoranthene	12.410	202	247997	31.38	ng	96
78) Pyrene	12.633	202	206845	27.31	ng	98
81) Benzo(a)anthracene	13.827	228	106115	17.74	ng	97
83) Chrysene	13.868	228	85772	14.47	ng	98
87) Indeno(1,2,3-cd)pyrene	16.668	276	43510	6.83	ng	98
88) Benzo(b)fluoranthene	14.863	252	119532m	19.53	ng	
89) Benzo(k)fluoranthene	14.886	252	34246m	6.11	ng	
90) Benzo(a)pyrene	15.210	252	77288	14.21	ng	98
91) Dibenzo(a,h)anthracene	16.668	278	14725	2.68	ng	# 76
92) Benzo(g,h,i)perylene	17.086	276	33902	6.28	ng	# 88

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

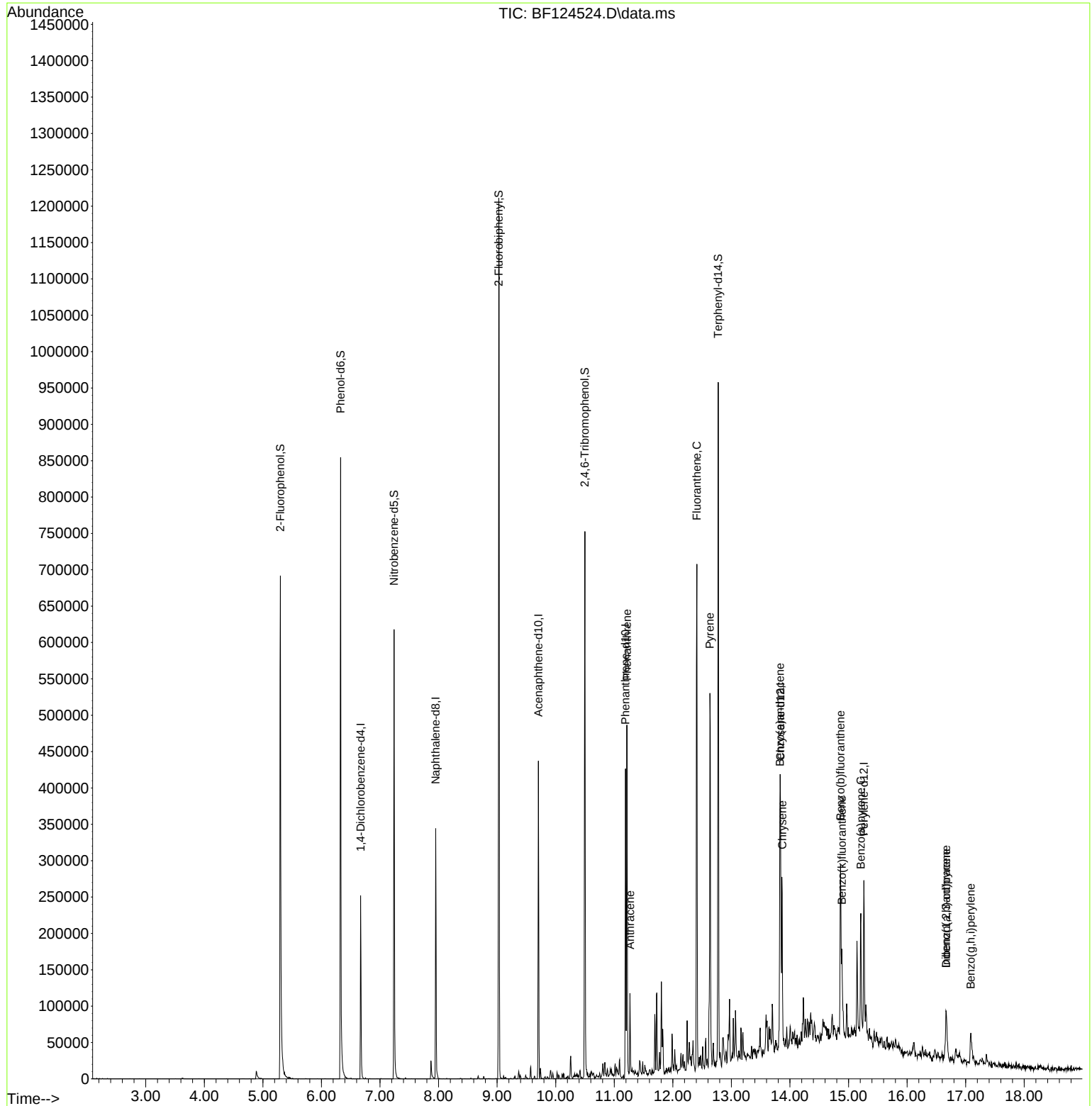
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Data File : BF124524.D
Acq On : 2 Jul 2021 18:21
Operator : JU/CG
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ALS Vial : 9 Sample Multiplier: 1

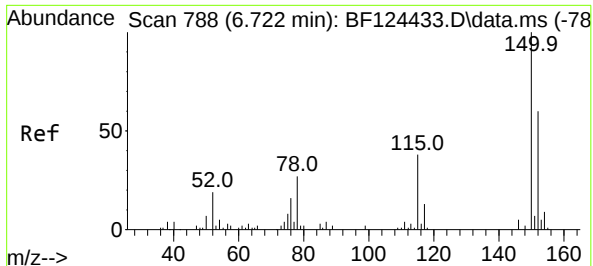
Instrument :
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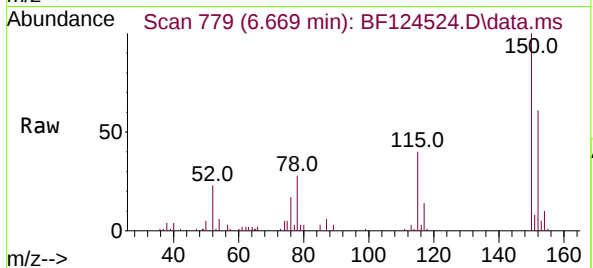
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Quant Time: Jul 03 01:44:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 02 14:41:35 2021
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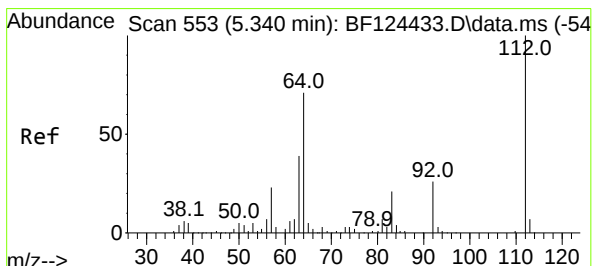
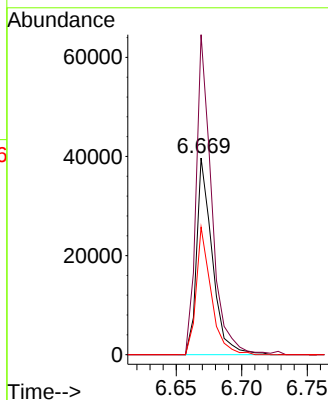
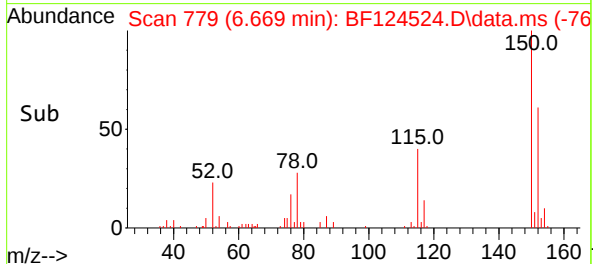




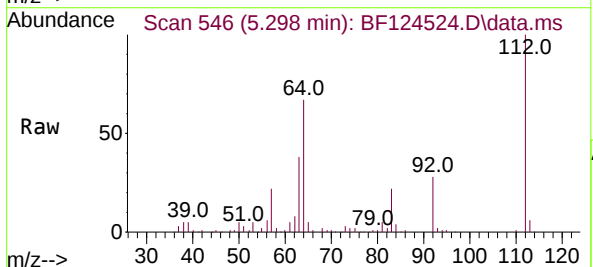
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21



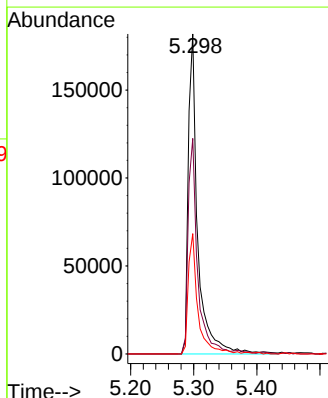
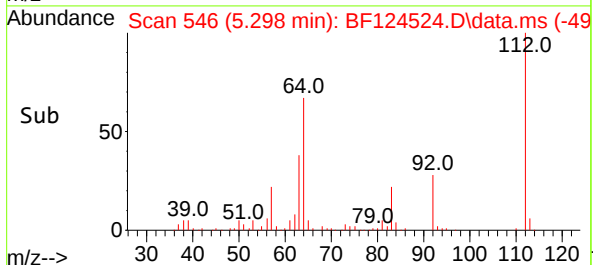
Tgt Ion:152 Resp: 33048
Ion Ratio Lower Upper
152 100
150 162.7 127.0 190.6
115 64.8 54.3 81.5



#5
2-Fluorophenol
Concen: 90.81 ng
RT: 5.298 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21



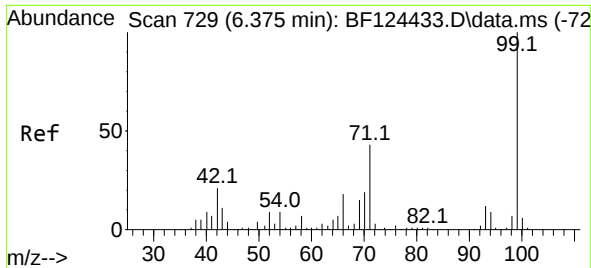
Tgt Ion:112 Resp: 190822
Ion Ratio Lower Upper
112 100
64 67.3 61.4 92.0
63 37.6 33.0 49.4



Instrument :
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D-2700

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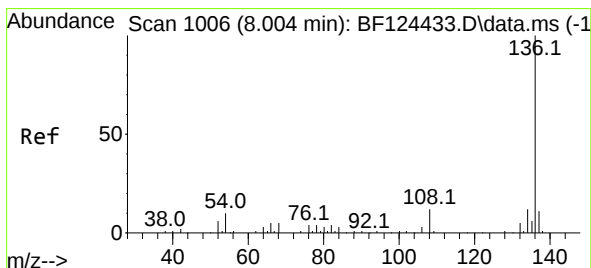
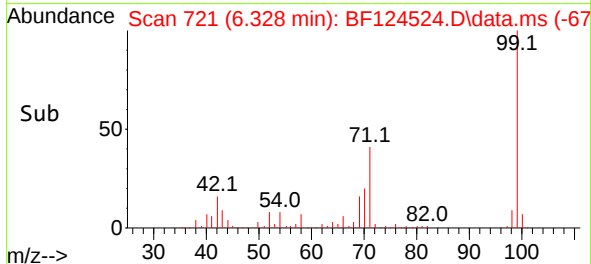
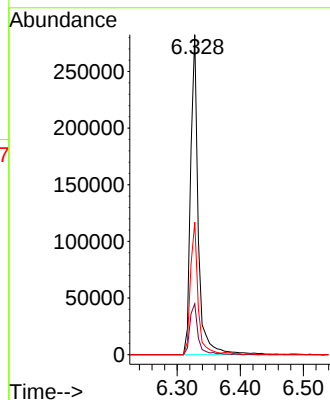
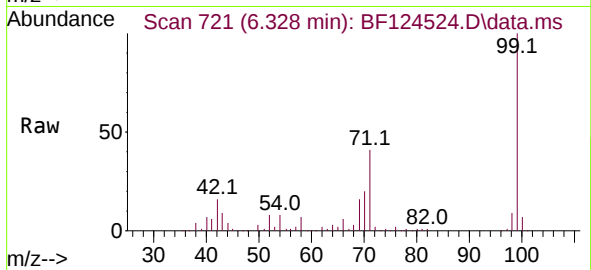
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Phenol-d6
Concen: 87.58 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21

Tgt Ion: 99 Resp: 240301
Ion Ratio Lower Upper
99 100
42 15.9 19.8 29.8#
71 41.3 31.1 46.7

Instrument :
BNA_F
ClientSampled :
D-2700

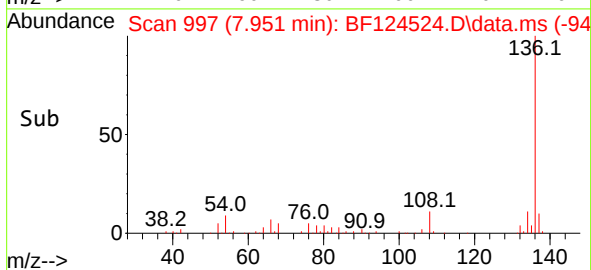
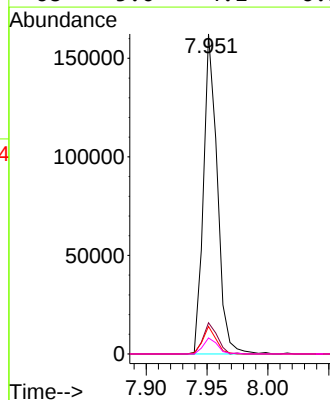
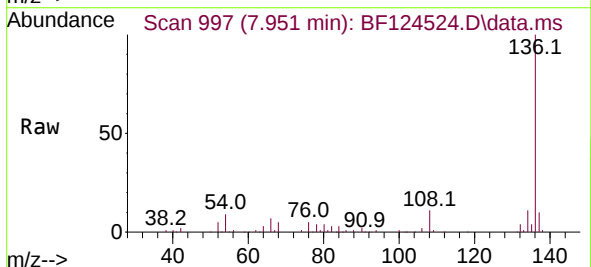
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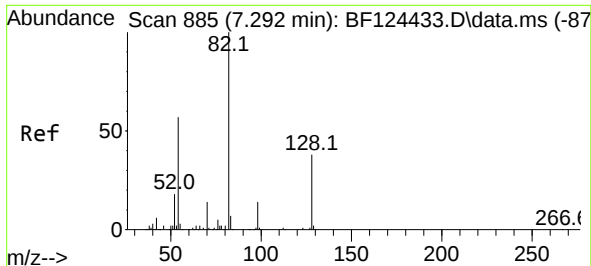
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21

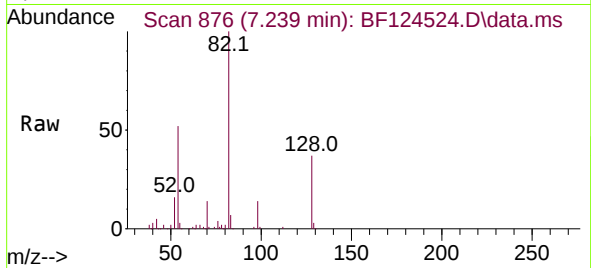
Tgt Ion: 136 Resp: 127788
Ion Ratio Lower Upper
136 100
137 9.8 8.7 13.1
54 8.6 9.8 14.6#
68 5.0 4.1 6.1





#23
Nitrobenzene-d5
Concen: 57.29 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21

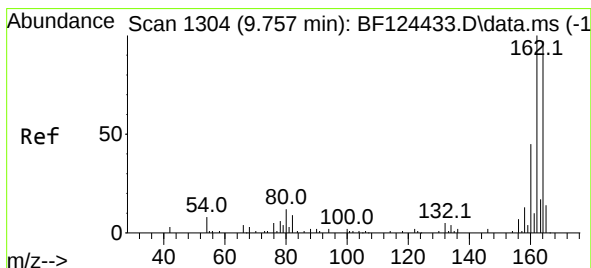
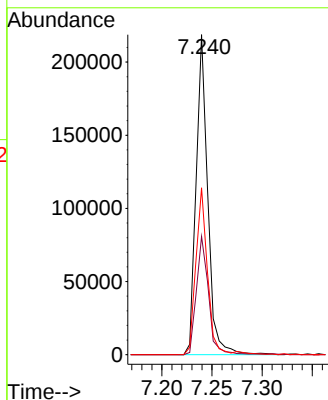
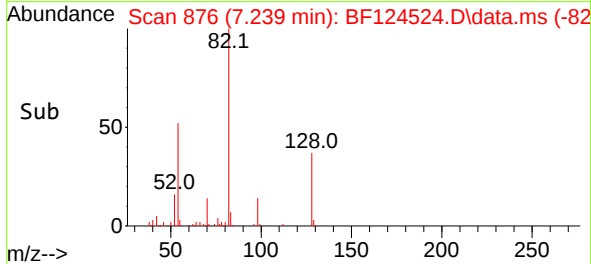
Instrument :
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ClientSampled :
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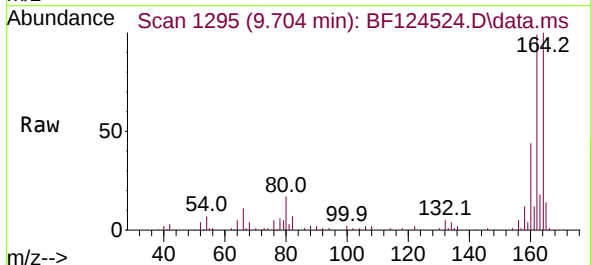
Tgt Ion: 82 Resp: 176557
Ion Ratio Lower Upper
82 100
128 36.9 29.4 44.2
54 52.2 54.1 81.1#

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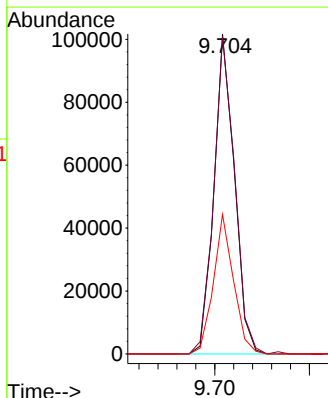
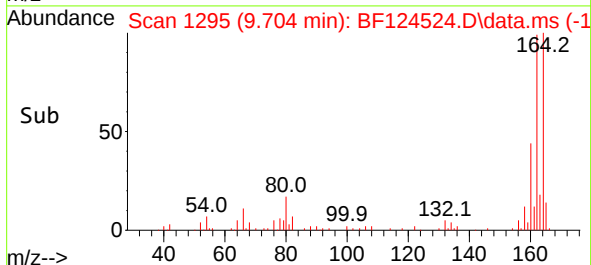
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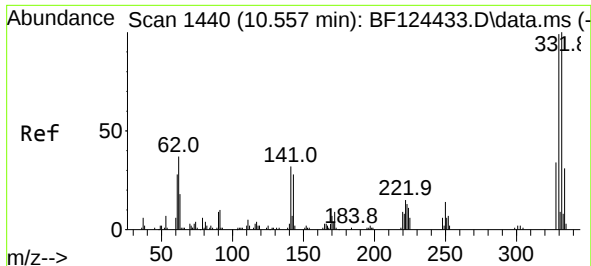


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21



Tgt Ion: 164 Resp: 76213
Ion Ratio Lower Upper
164 100
162 99.3 80.7 121.1
160 43.6 37.3 55.9





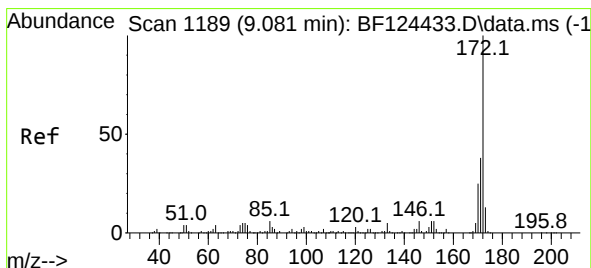
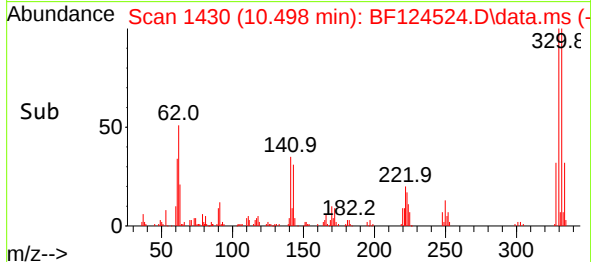
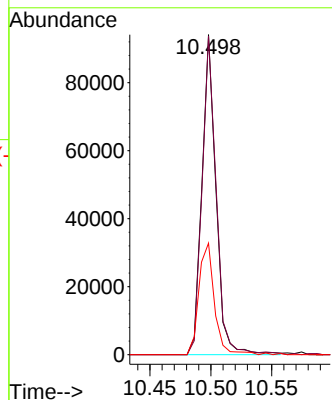
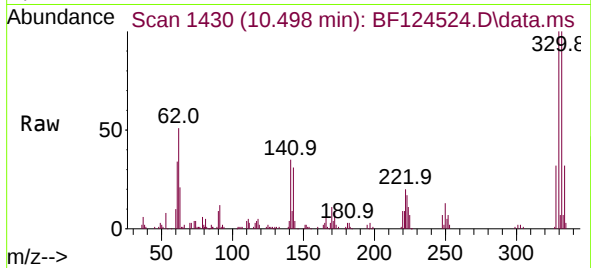
#42
2,4,6-Tribromophenol
Concen: 83.30 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21

Tgt Ion: 330 Resp: 75849
Ion Ratio Lower Upper
330 100
332 100.1 77.1 115.7
141 38.8 27.9 41.9

Instrument :
BNA_F
ClientSampled :
D-2700

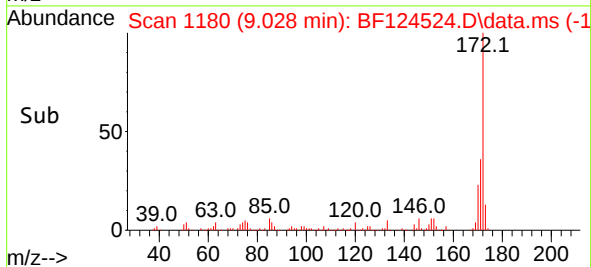
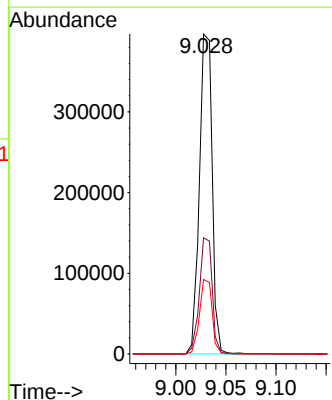
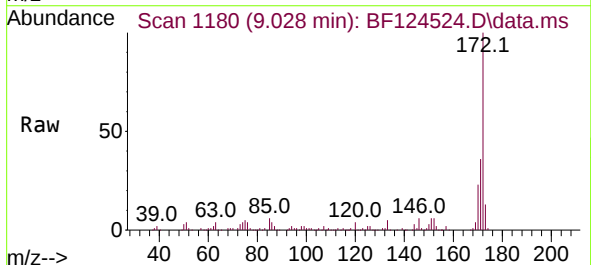
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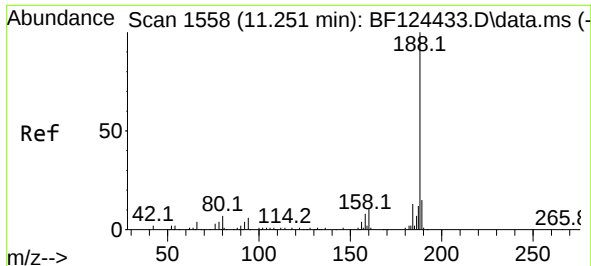
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#45
2-Fluorobiphenyl
Concen: 56.88 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21

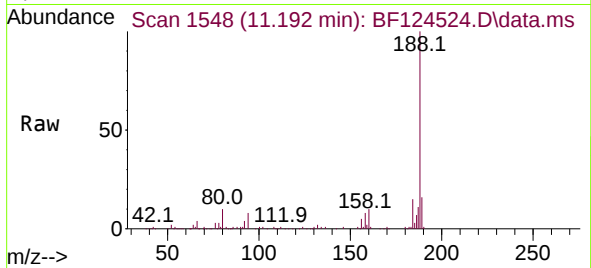
Tgt Ion: 172 Resp: 353869
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 23.2 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.192 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21

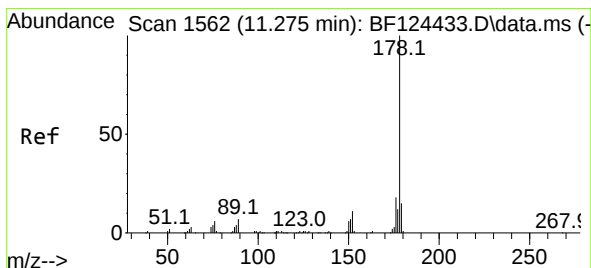
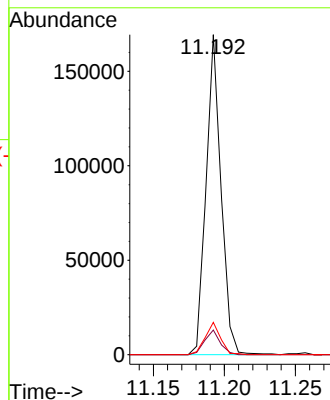
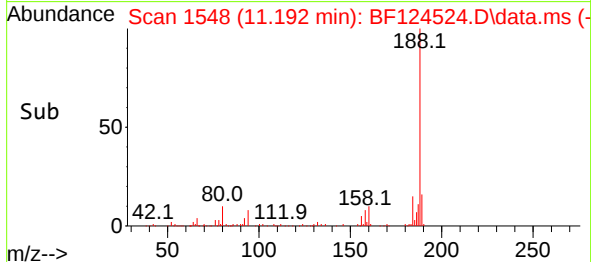
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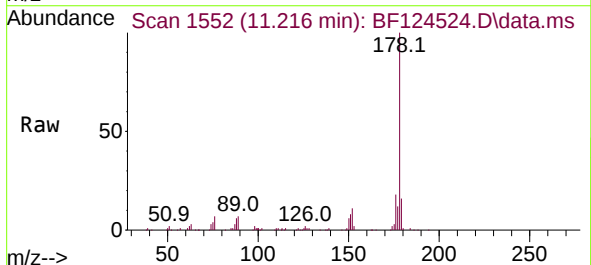
Tgt Ion:188 Resp: 124589
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 10.1 8.2 12.2

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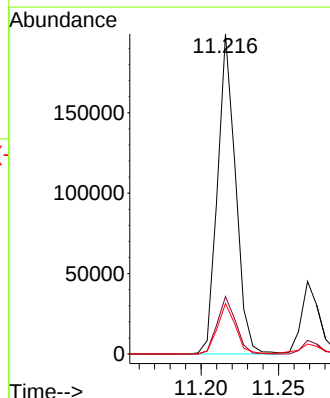
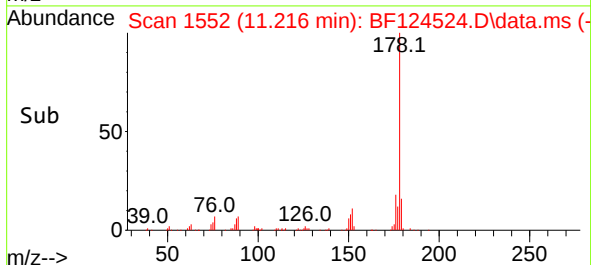
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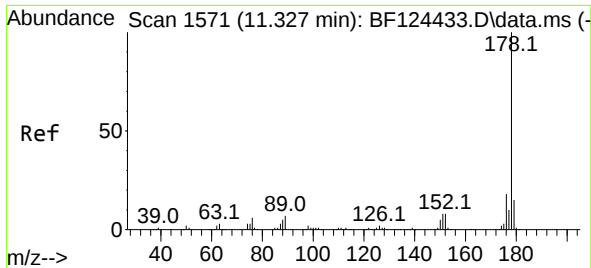


#71
Phenanthrene
Concen: 20.53 ng
RT: 11.216 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21

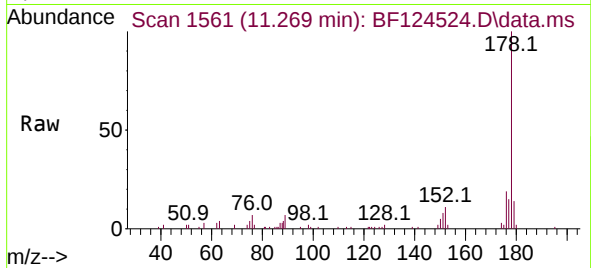


Tgt Ion:178 Resp: 161266
Ion Ratio Lower Upper
178 100
176 18.0 15.6 23.4
179 15.7 12.5 18.7





#72
 Anthracene
 Concen: 4.51 ng
 RT: 11.269 min Scan# 1561
 Delta R.T. -0.006 min
 Lab File: BF124524.D
 Acq: 2 Jul 2021 18:21

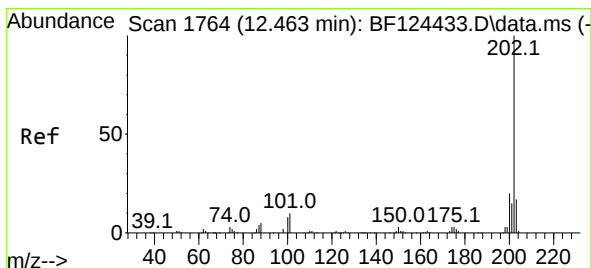
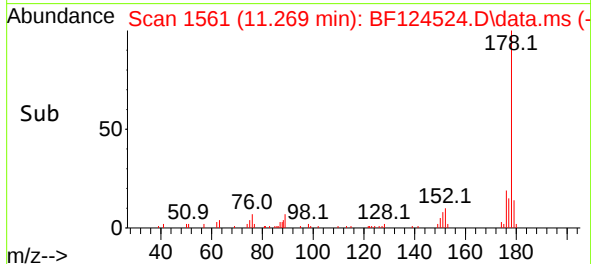
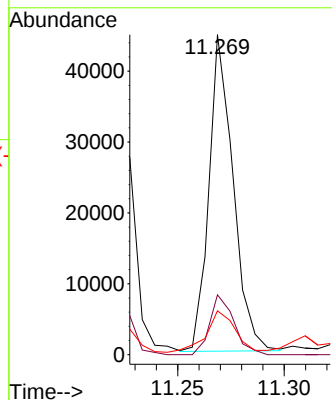


Tgt Ion:178 Resp: 35305
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 13.7 12.6 18.8

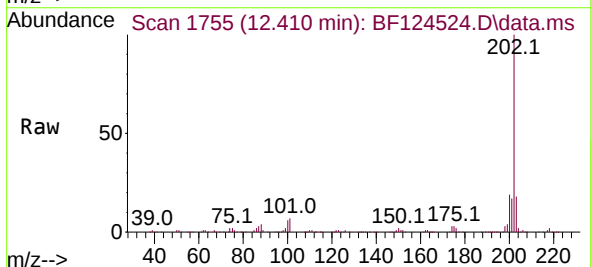
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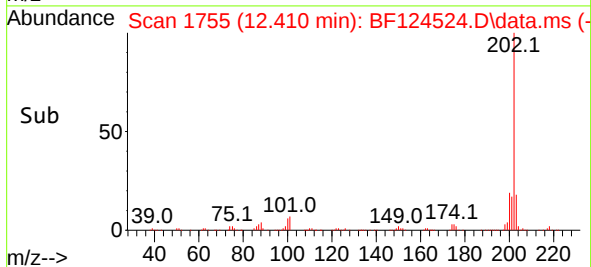
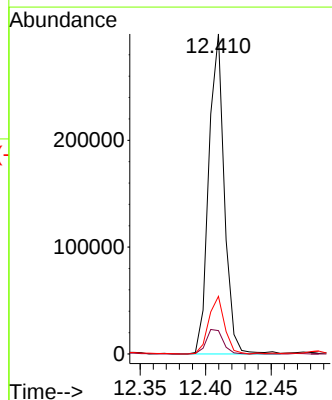
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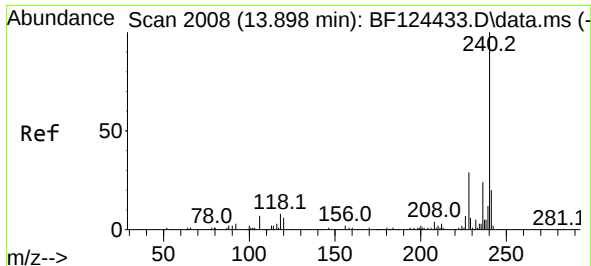


#75
 Fluoranthene
 Concen: 31.38 ng
 RT: 12.410 min Scan# 1755
 Delta R.T. 0.000 min
 Lab File: BF124524.D
 Acq: 2 Jul 2021 18:21



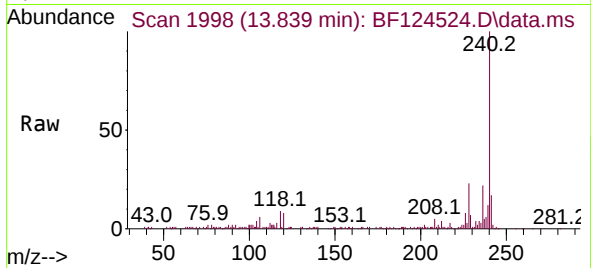
Tgt Ion:202 Resp: 247997
 Ion Ratio Lower Upper
 202 100
 101 7.3 0.0 30.9
 203 18.0 0.0 37.5





#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.839 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21

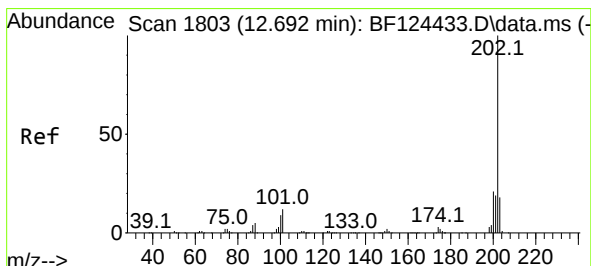
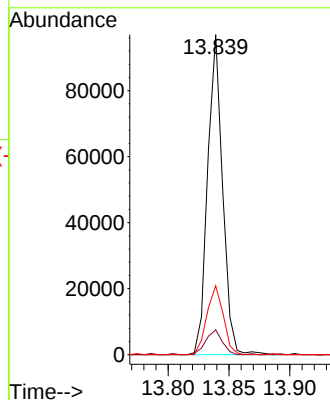
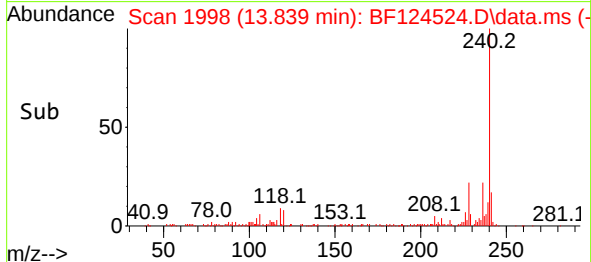
Instrument :
BNA_F
ClientSampled :
D-2700



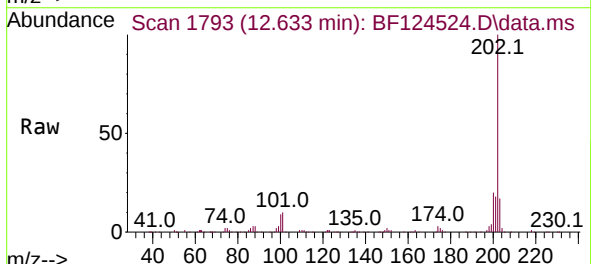
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Ion Ratio Lower Upper
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120 7.8 7.2 10.8
236 21.6 19.0 28.4

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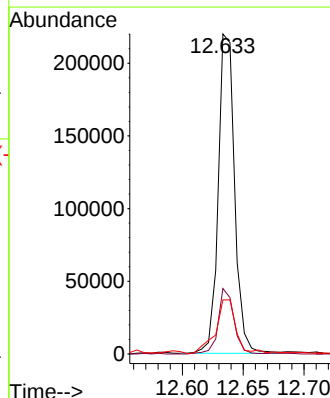
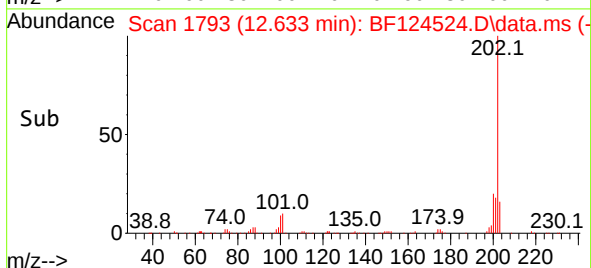
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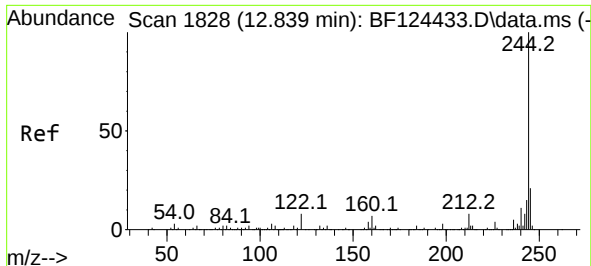


#78
Pyrene
Concen: 27.31 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21



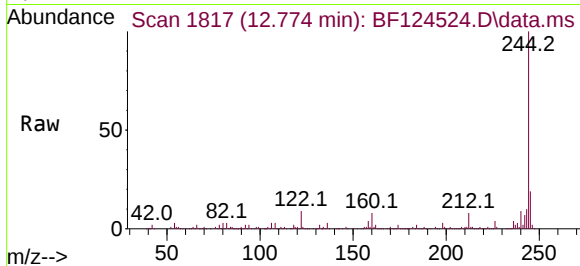
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Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 16.9 14.8 22.2





#79
 Terphenyl-d14
 Concen: 47.88 ng
 RT: 12.774 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF124524.D
 Acq: 2 Jul 2021 18:21

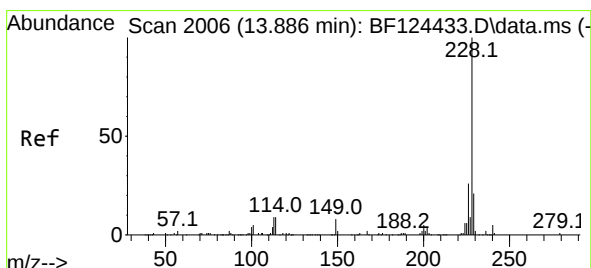
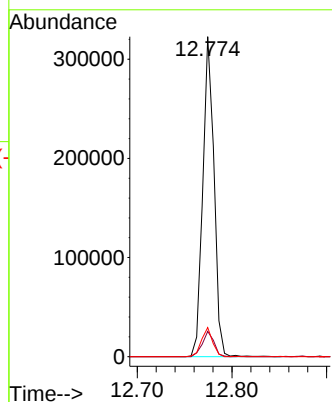
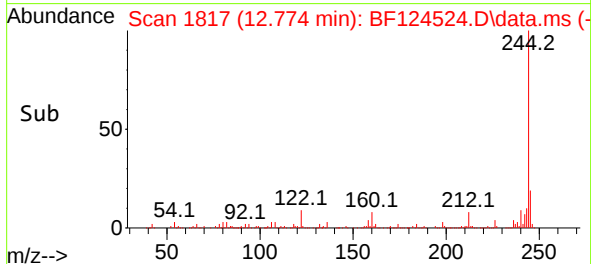
Instrument :
 BNA_F
 ClientSampleId :
 D-2700



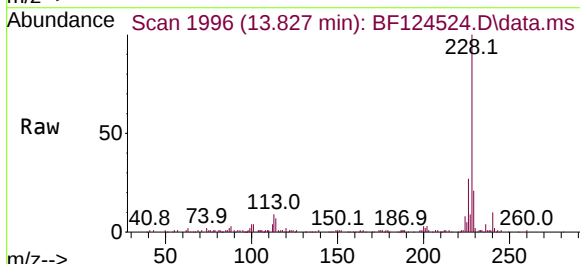
Tgt Ion:244 Resp: 265245
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 9.1 9.7 14.5#

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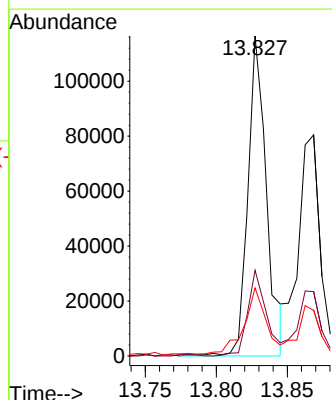
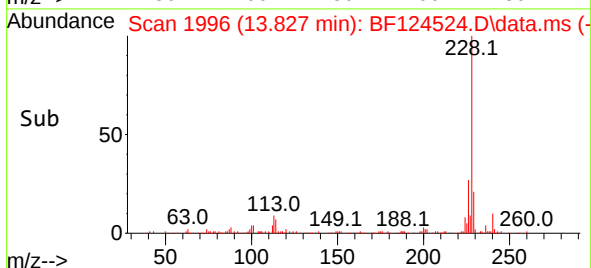
mohammad
 7/7/2021 11:35:11 AM

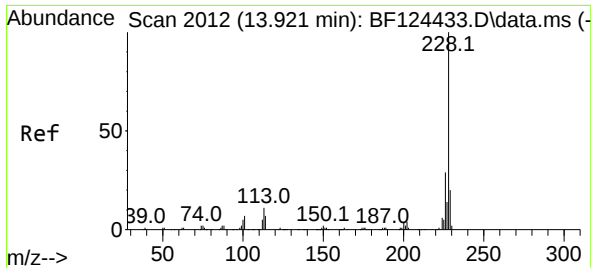


#81
 Benzo(a)anthracene
 Concen: 17.74 ng
 RT: 13.827 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: BF124524.D
 Acq: 2 Jul 2021 18:21



Tgt Ion:228 Resp: 106115
 Ion Ratio Lower Upper
 228 100
 226 26.8 22.4 33.6
 229 21.3 16.0 24.0





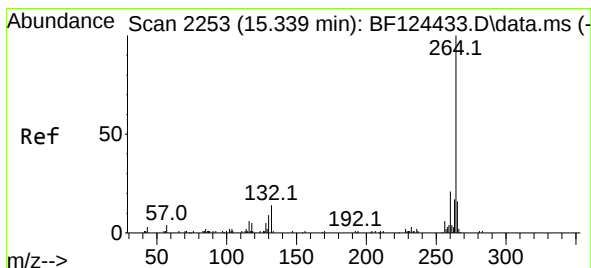
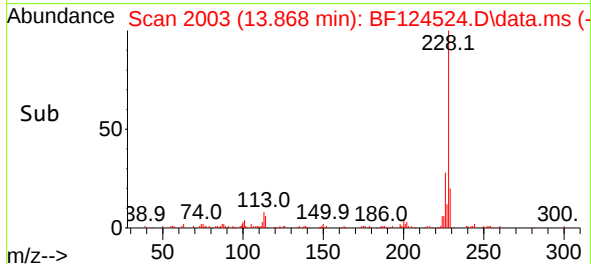
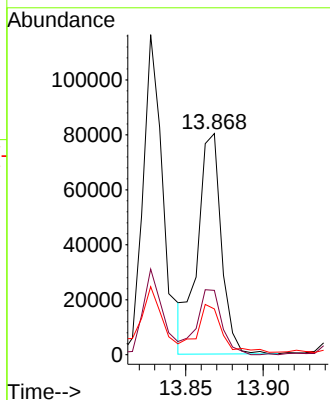
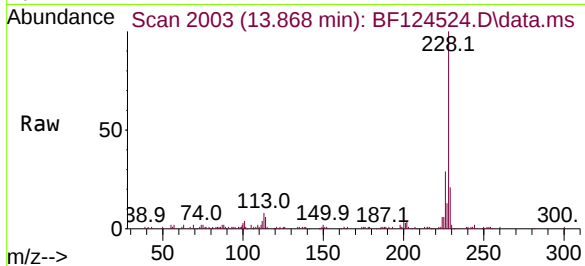
#83
Chrysene
Concen: 14.47 ng
RT: 13.868 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21

Tgt Ion:	228	Resp:	85772
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.3	36.5
229	20.7	16.2	24.2

Instrument :
BNA_F
ClientSampleId :
D-2700

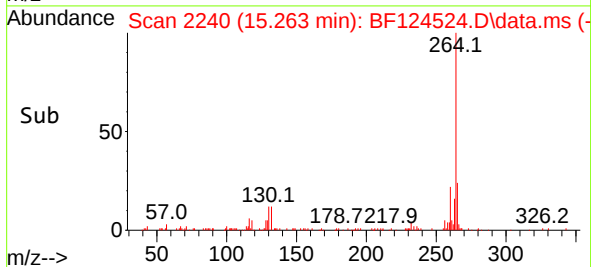
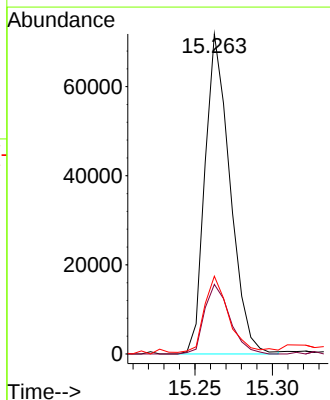
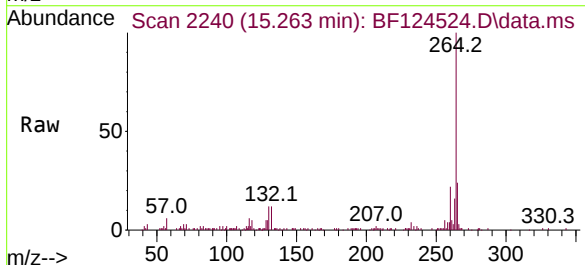
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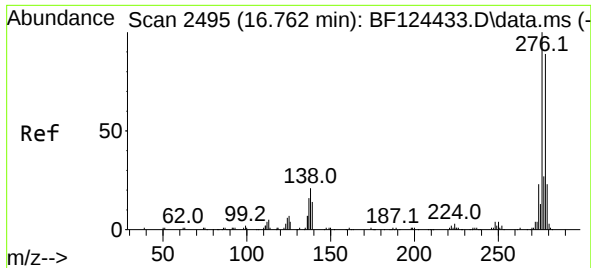
mohammad
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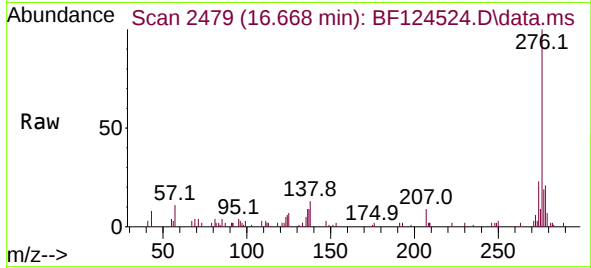
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.263 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21

Tgt Ion:	264	Resp:	80782
Ion Ratio	Lower	Upper	
264	100		
260	21.7	18.7	28.1
265	24.3	17.8	26.8

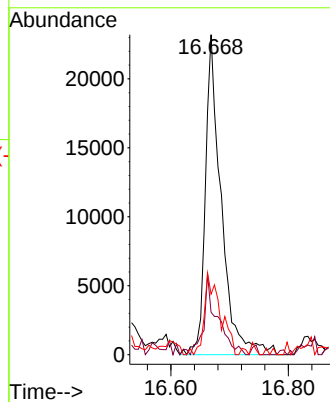
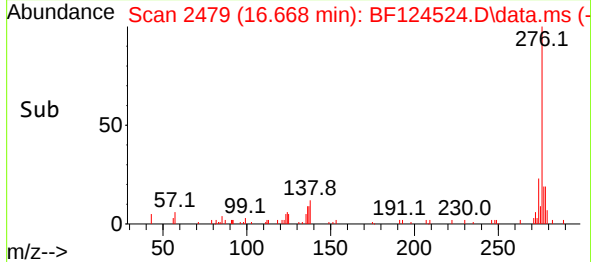




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.83 ng
RT: 16.668 min Scan# 2479
Delta R.T. 0.018 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21



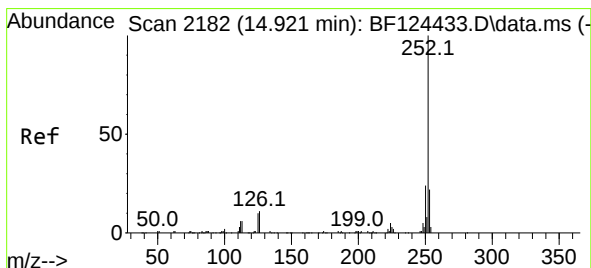
Tgt Ion: 276 Resp: 43510
Ion Ratio Lower Upper
276 100
138 21.2 16.2 24.2
277 25.6 20.1 30.1



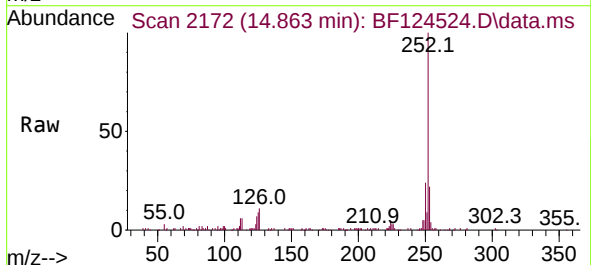
Instrument :
BNA_F
ClientSampleId :
D-2700

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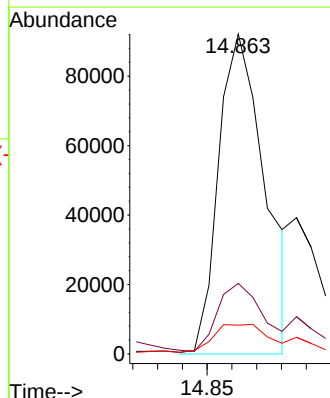
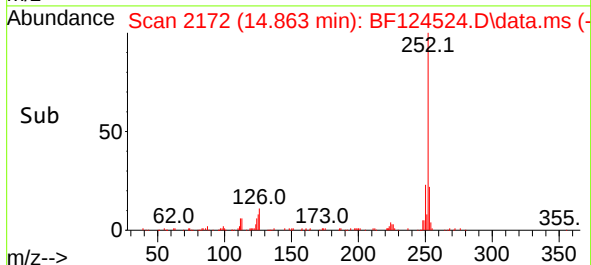
mohammad
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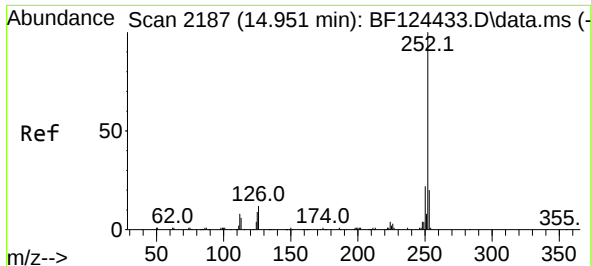


#88
Benzo(b)fluoranthene
Concen: 19.53 ng m
RT: 14.863 min Scan# 2172
Delta R.T. 0.006 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21



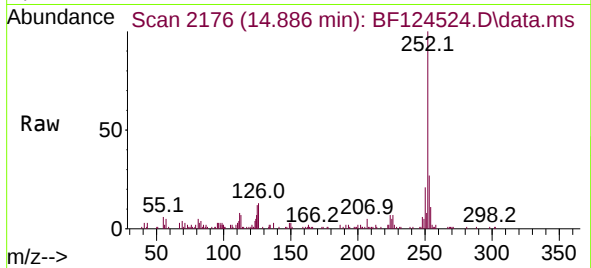
Tgt Ion: 252 Resp: 119532
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 9.0 6.2 9.4





#89
Benzo(k)fluoranthene
Concen: 6.11 ng m
RT: 14.886 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21

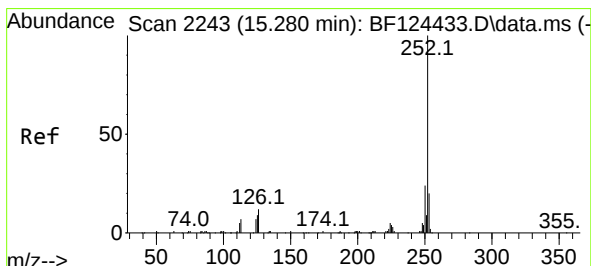
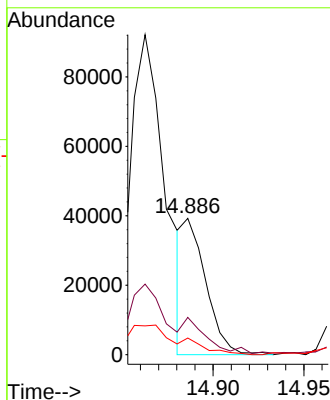
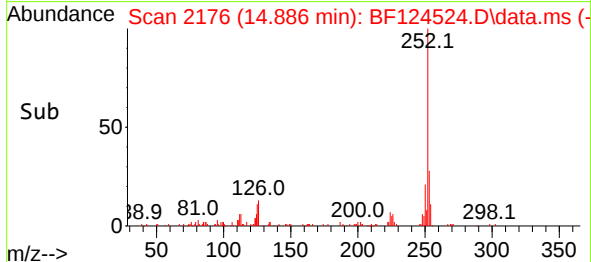
Instrument :
BNA_F
ClientSampled :
D-2700



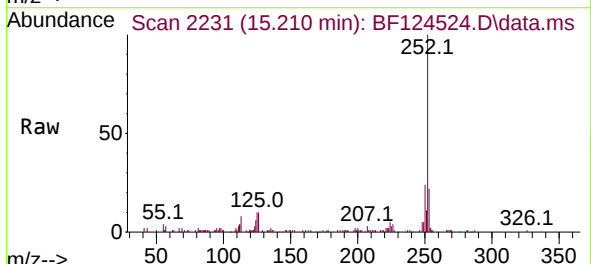
Tgt Ion:252 Resp: 34246
Ion Ratio Lower Upper
252 100
253 27.3 17.9 26.9#
125 12.2 7.0 10.6#

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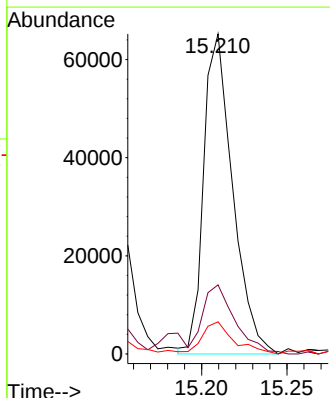
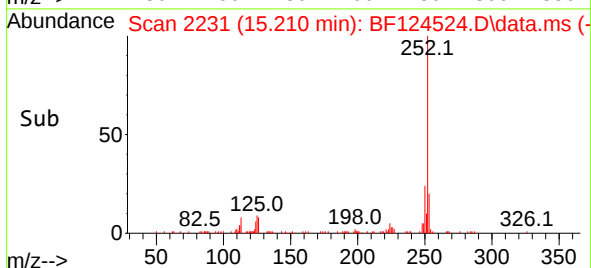
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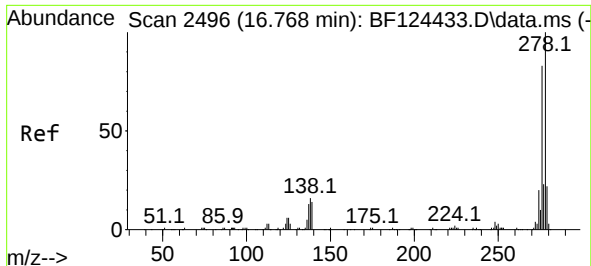


#90
Benzo(a)pyrene
Concen: 14.21 ng
RT: 15.210 min Scan# 2231
Delta R.T. 0.006 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21



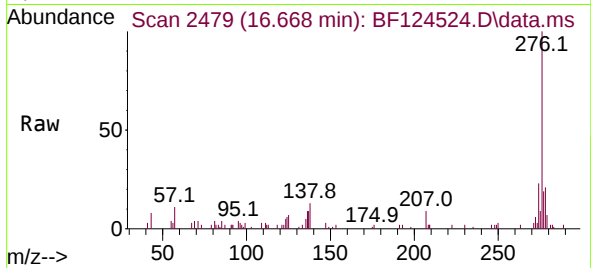
Tgt Ion:252 Resp: 77288
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 10.0 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 2.68 ng
RT: 16.668 min Scan# 2479
Delta R.T. 0.018 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21

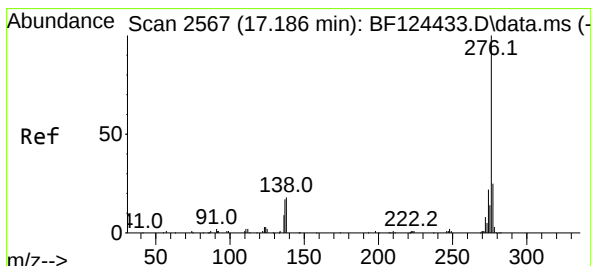
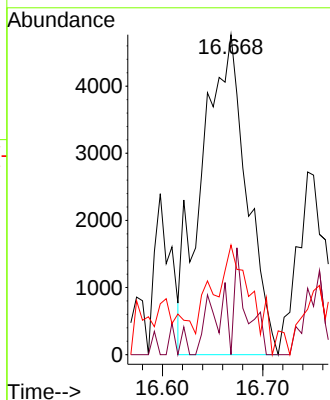
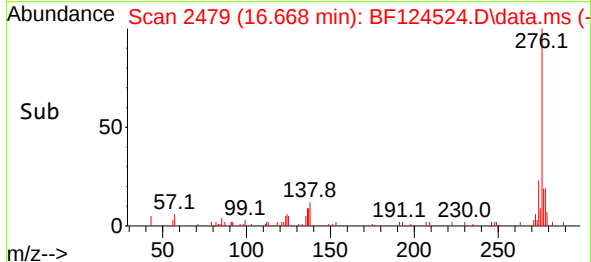
Instrument :
BNA_F
ClientSampled :
D-2700



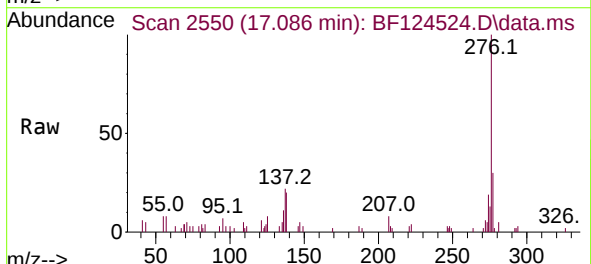
Tgt Ion:278 Resp: 14725
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 34.3 19.4 29.0#

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#92
Benzo(g,h,i)perylene
Concen: 6.28 ng
RT: 17.086 min Scan# 2550
Delta R.T. 0.018 min
Lab File: BF124524.D
Acq: 2 Jul 2021 18:21



Tgt Ion:276 Resp: 33902
Ion Ratio Lower Upper
276 100
277 30.0 18.2 27.2#
138 20.3 13.8 20.6

