

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070221\
 Data File : BF124525.D
 Acq On : 2 Jul 2021 18:55
 Operator : JU/CG
 Sample : M2913-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-3400

Manual Integrations
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mohammad
 7/7/2021 11:35:13 AM

Quant Time: Jul 03 01:45:02 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	31140	20.00	ng	0.00
21) Naphthalene-d8	7.951	136	124523	20.00	ng	# 0.00
39) Acenaphthene-d10	9.704	164	70610	20.00	ng	0.00
64) Phenanthrene-d10	11.192	188	111776	20.00	ng	0.00
76) Chrysene-d12	13.839	240	79524	20.00	ng	0.00
86) Perylene-d12	15.262	264	73725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.292	112	198053	100.02	ng	0.00
7) Phenol-d6	6.328	99	244989	94.76	ng	0.00
23) Nitrobenzene-d5	7.239	82	183244	61.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.498	330	69565	82.46	ng	0.00
45) 2-Fluorobiphenyl	9.033	172	380668	66.04	ng	0.00
79) Terphenyl-d14	12.774	244	305598	57.56	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.216	178	44030	6.25	ng	97
75) Fluoranthene	12.410	202	60115	8.48	ng	97
78) Pyrene	12.639	202	66728	9.19	ng	96
81) Benzo(a)anthracene	13.827	228	35795	6.24	ng	96
83) Chrysene	13.862	228	32297m	5.68	ng	
84) Bis(2-ethylhexyl)phtha...	13.809	149	8016	2.08	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.674	276	14249	2.45	ng	91
88) Benzo(b)fluoranthene	14.862	252	35556m	6.36	ng	
89) Benzo(k)fluoranthene	14.886	252	12299m	2.41	ng	
90) Benzo(a)pyrene	15.209	252	26207	5.28	ng	# 97
92) Benzo(g,h,i)perylene	17.098	276	12038	2.44	ng	# 87

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

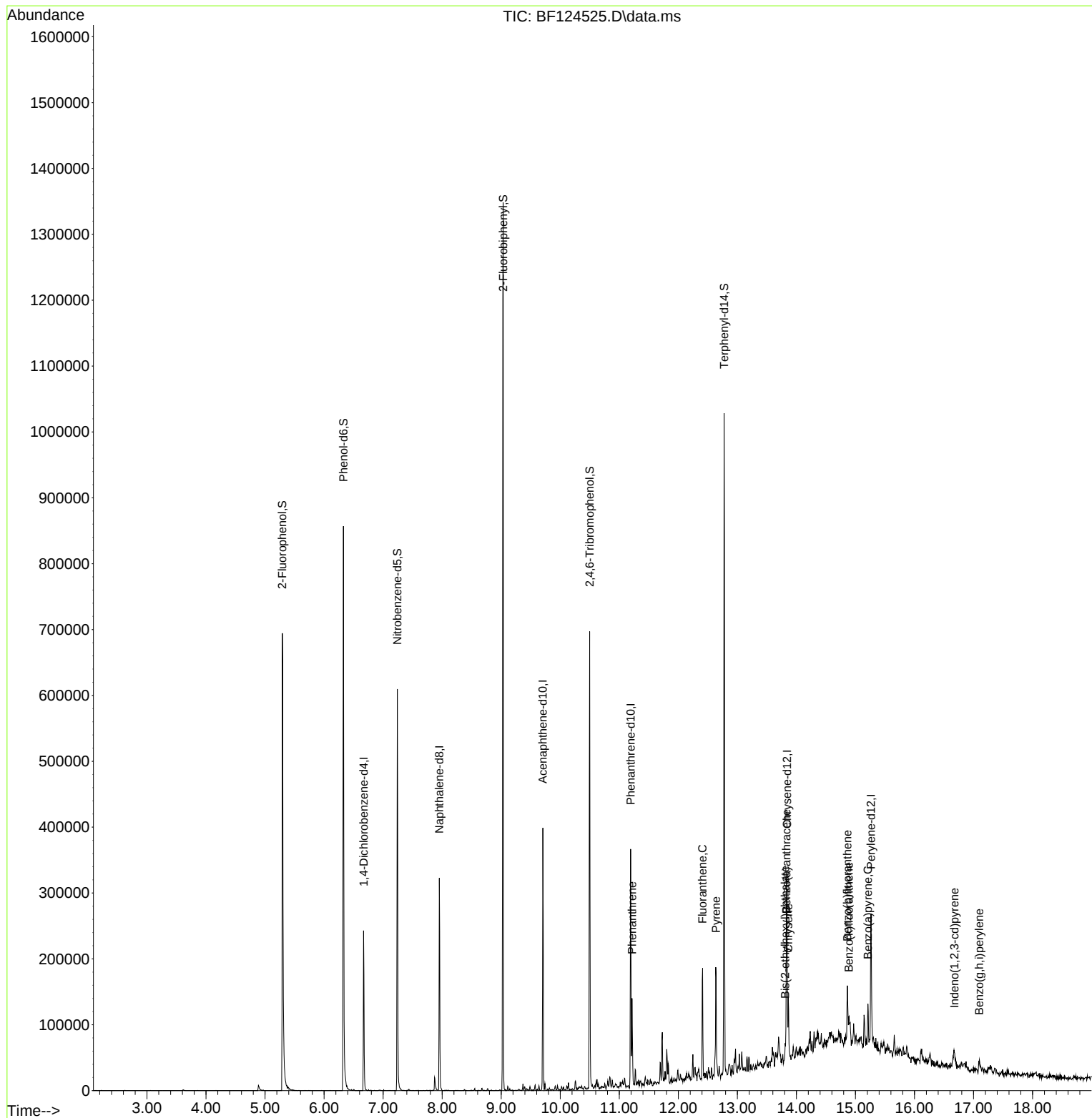
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070221\
Data File : BF124525.D
Acq On : 2 Jul 2021 18:55
Operator : JU/CG
Sample : M2913-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

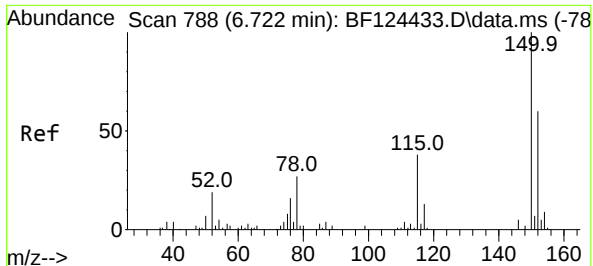
Instrument :
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ClientSampleId :
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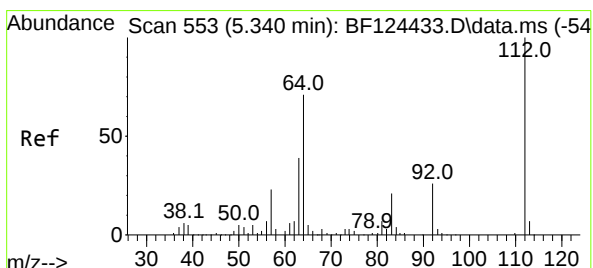
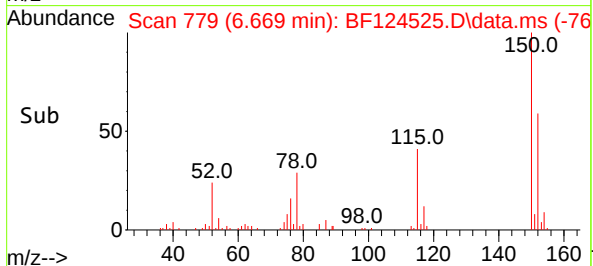
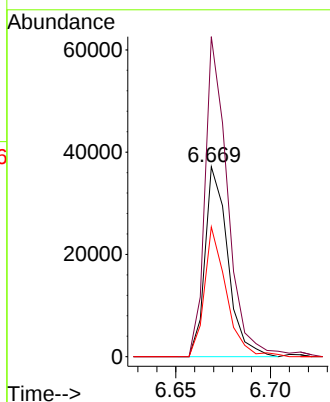
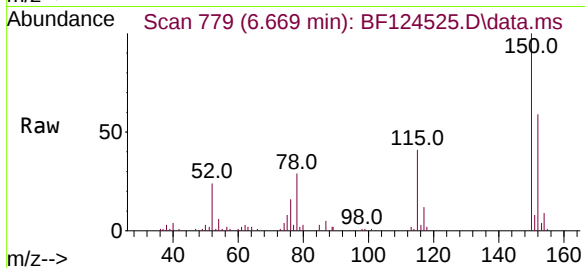
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Tgt Ion:152 Resp: 31140
Ion Ratio Lower Upper
152 100
150 168.4 127.0 190.6
115 68.3 54.3 81.5

Instrument :
BNA_F
ClientSampled :
D-3400

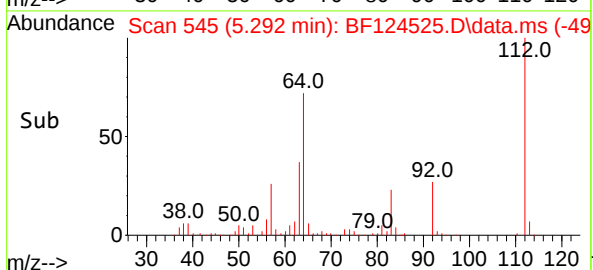
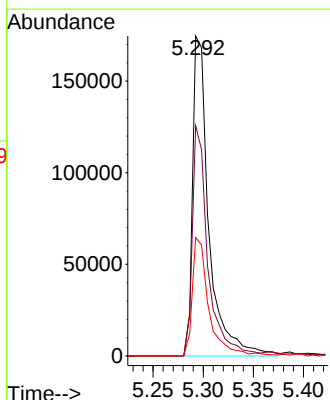
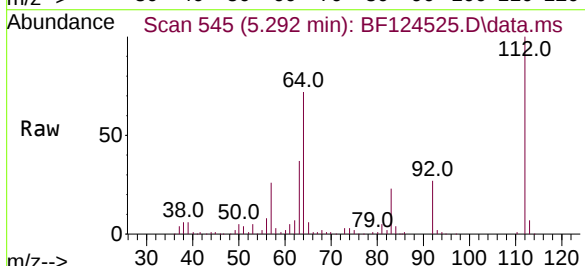
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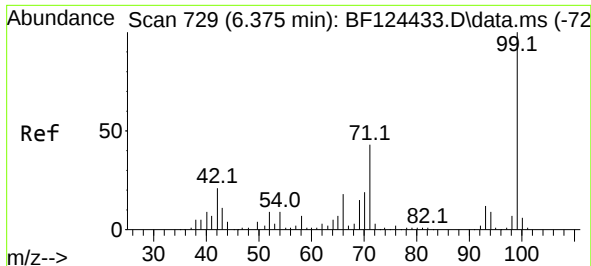
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#5
2-Fluorophenol
Concen: 100.02 ng
RT: 5.292 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Tgt Ion:112 Resp: 198053
Ion Ratio Lower Upper
112 100
64 71.9 61.4 92.0
63 37.0 33.0 49.4





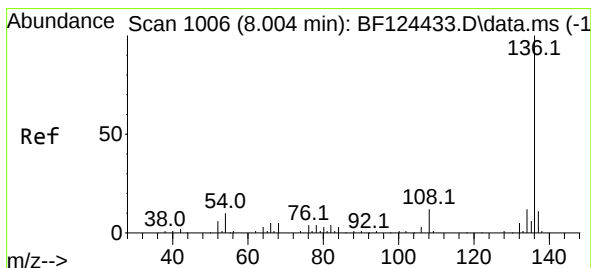
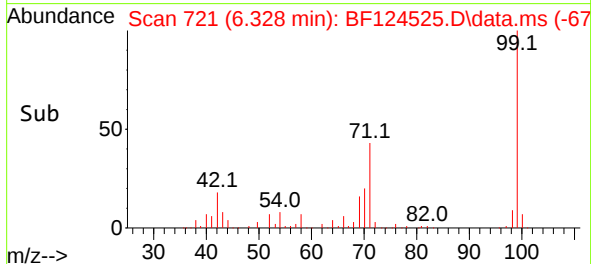
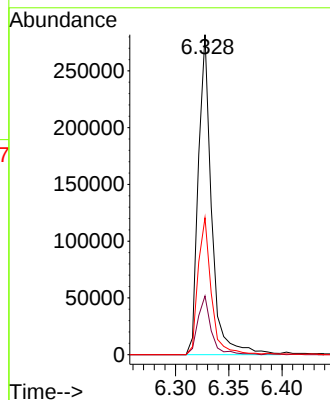
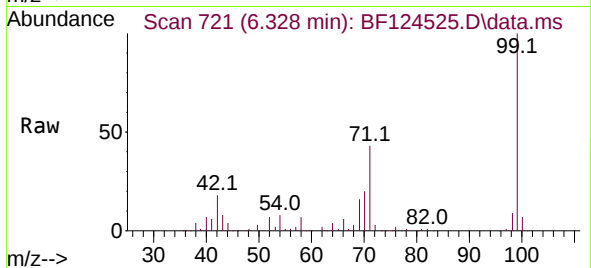
#7
Phenol-d6
Concen: 94.76 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

Tgt Ion: 99 Resp: 244989
Ion Ratio Lower Upper
99 100
42 18.4 19.8 29.8#
71 42.8 31.1 46.7

Instrument :
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ClientSampled :
D-3400

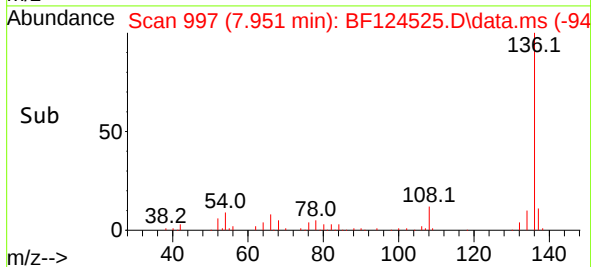
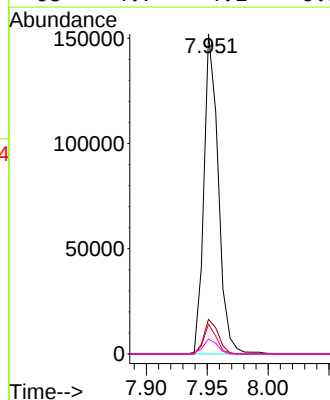
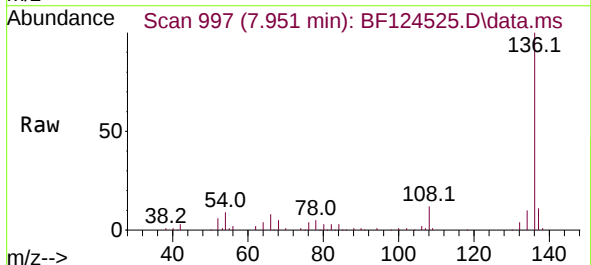
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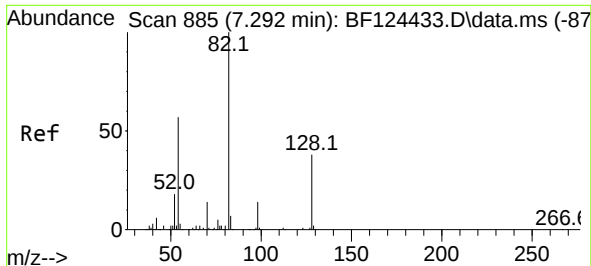
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

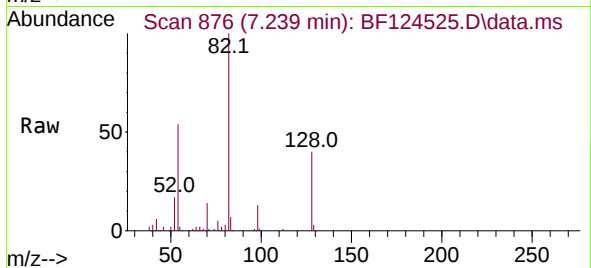
Tgt Ion: 136 Resp: 124523
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.3 9.8 14.6#
68 4.7 4.1 6.1





#23
Nitrobenzene-d5
Concen: 61.02 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

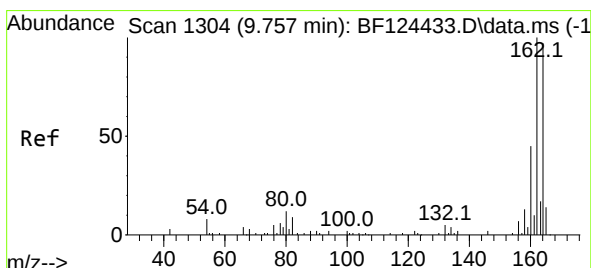
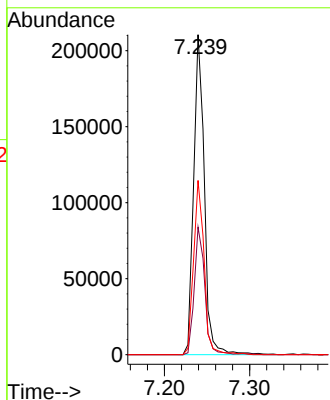
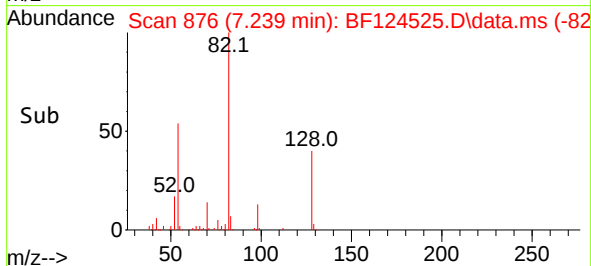
Instrument :
BNA_F
ClientSampled :
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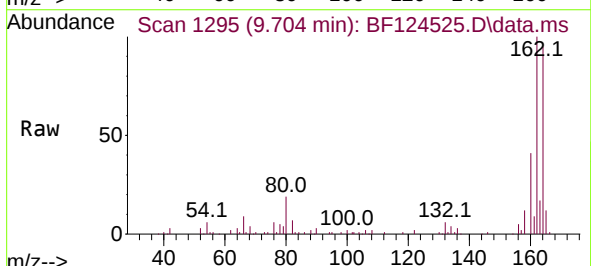
Tgt Ion: 82 Resp: 183244
Ion Ratio Lower Upper
82 100
128 39.8 29.4 44.2
54 54.4 54.1 81.1

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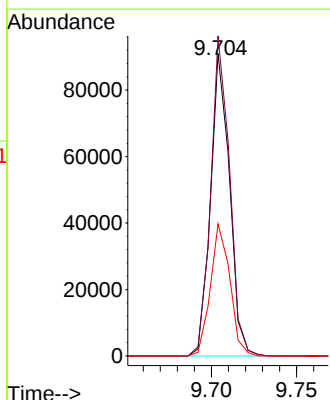
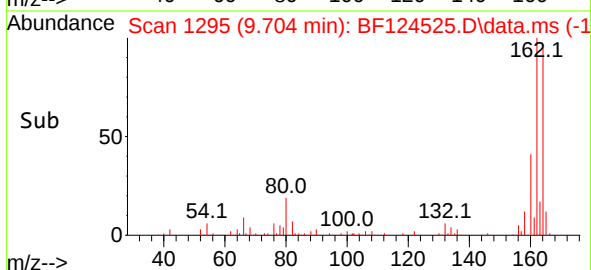
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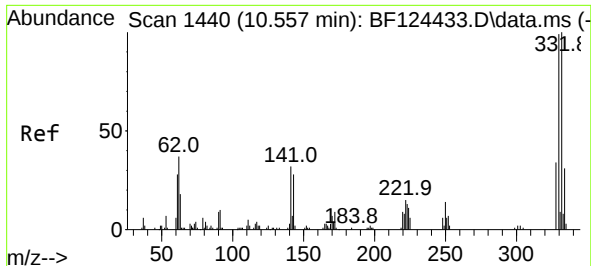


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

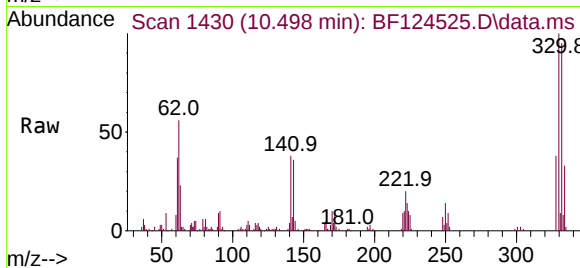


Tgt Ion: 164 Resp: 70610
Ion Ratio Lower Upper
164 100
162 105.8 80.7 121.1
160 43.7 37.3 55.9

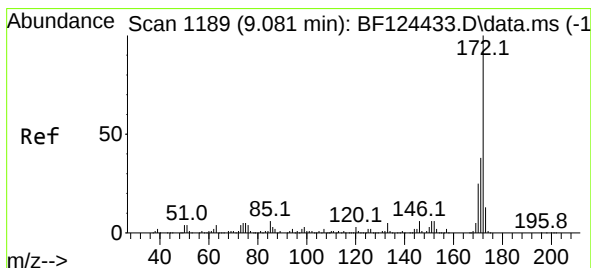
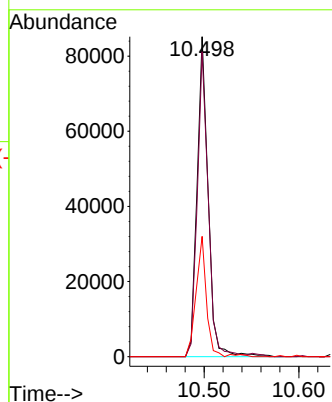
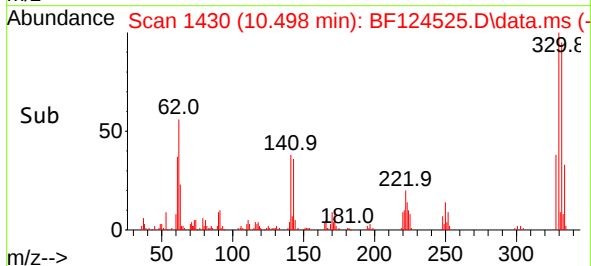




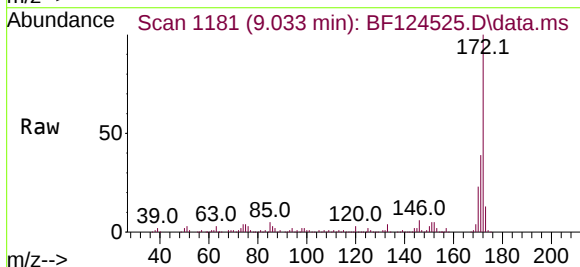
#42
2,4,6-Tribromophenol
Concen: 82.46 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55



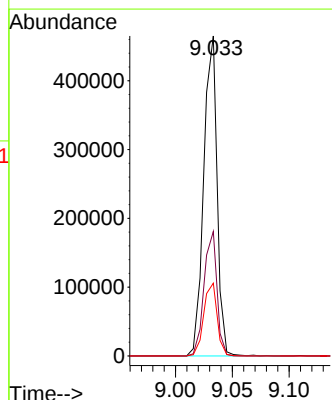
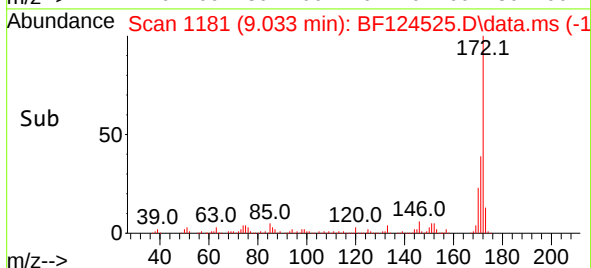
Tgt Ion: 330 Resp: 69565
Ion Ratio Lower Upper
330 100
332 94.1 77.1 115.7
141 34.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 66.04 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55



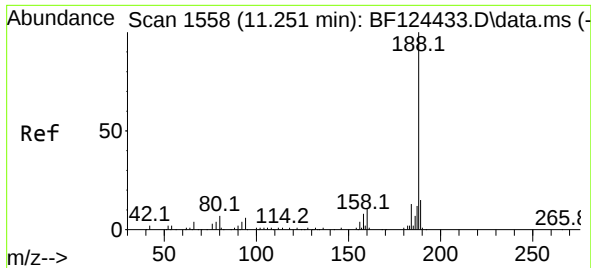
Tgt Ion: 172 Resp: 380668
Ion Ratio Lower Upper
172 100
171 38.9 28.1 42.1
170 22.7 19.2 28.8



Instrument :
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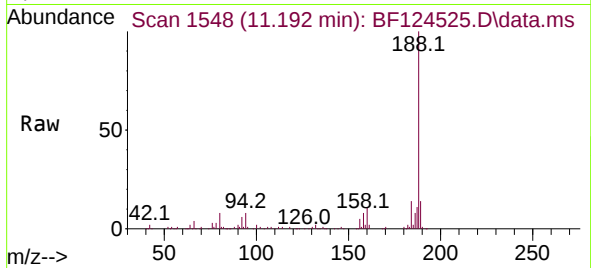
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.192 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

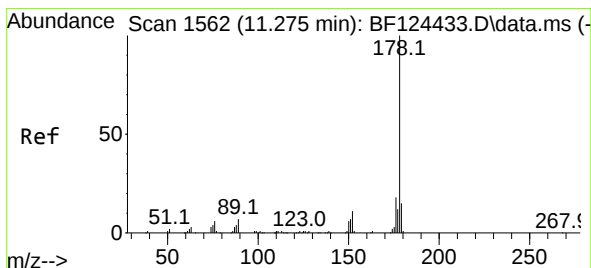
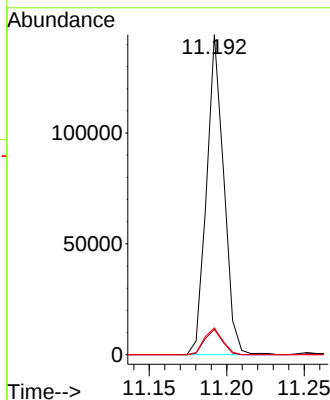
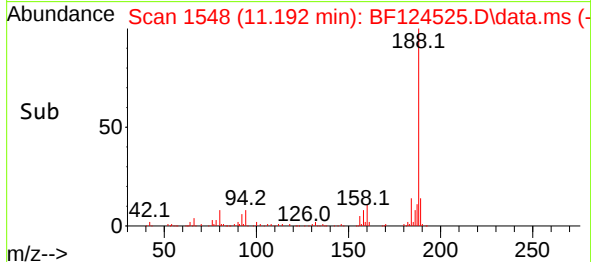
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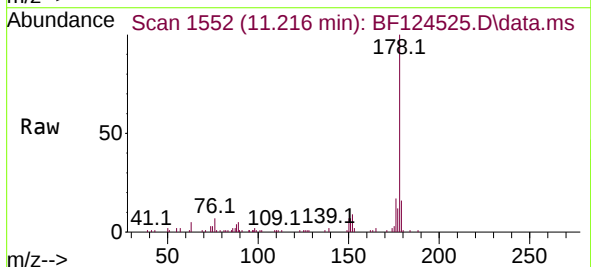
Tgt Ion:188 Resp: 111776
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 8.4 8.2 12.2

Manual Integrations
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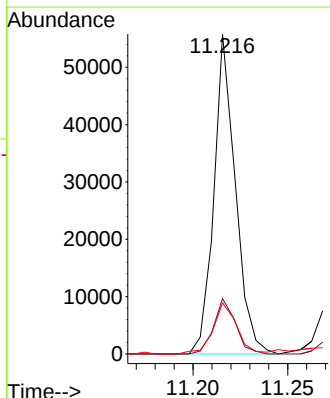
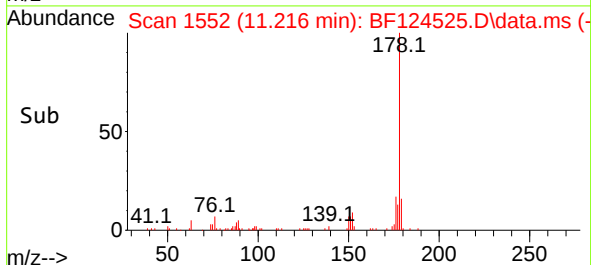
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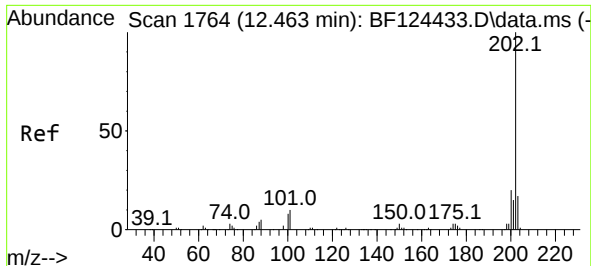


#71
Phenanthrene
Concen: 6.25 ng
RT: 11.216 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55



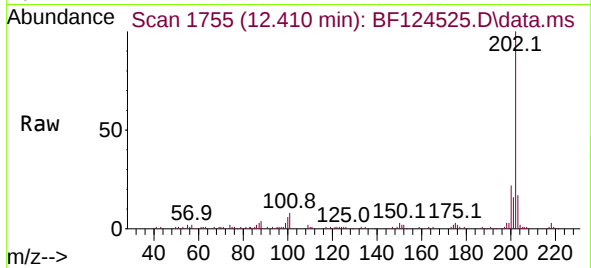
Tgt Ion:178 Resp: 44030
Ion Ratio Lower Upper
178 100
176 17.3 15.6 23.4
179 15.9 12.5 18.7





#75
Fluoranthene
Concen: 8.48 ng
RT: 12.410 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

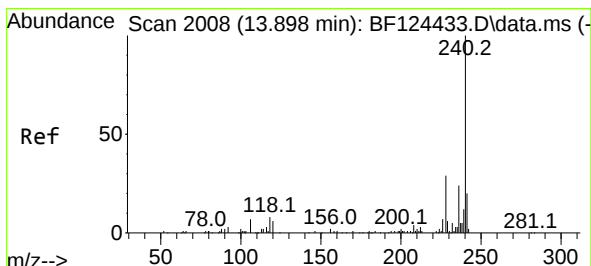
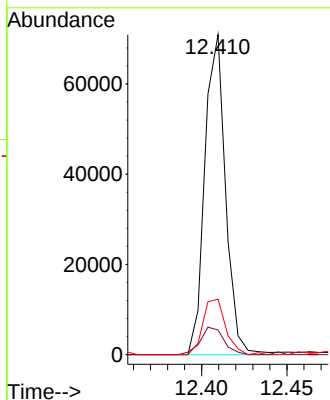
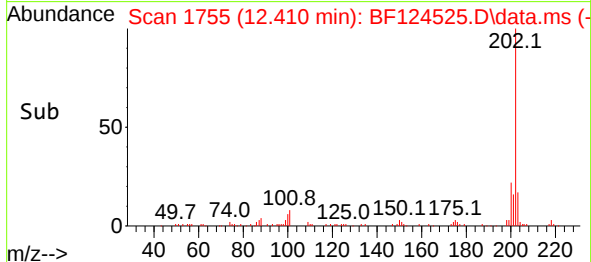
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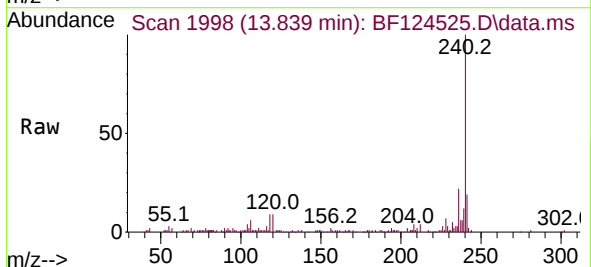
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Ion Ratio Lower Upper
202 100
101 7.7 0.0 30.9
203 17.4 0.0 37.5

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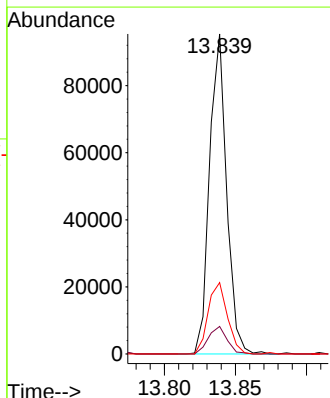
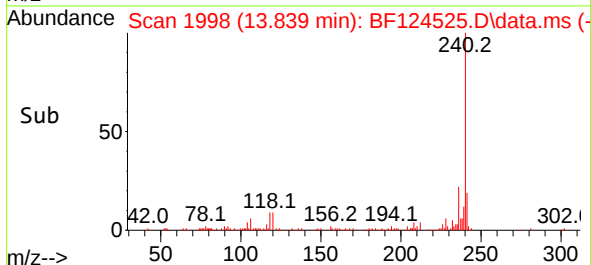
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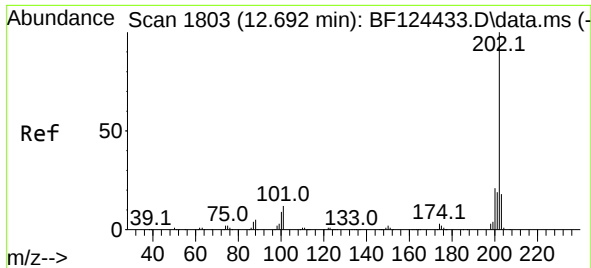


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55

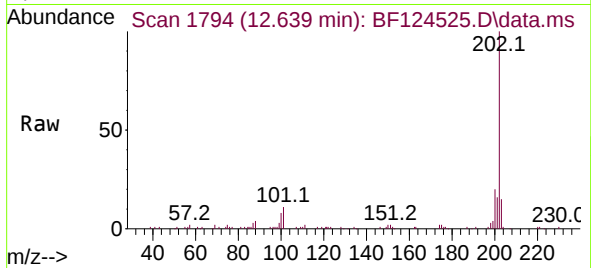


Tgt Ion: 240 Resp: 79524
Ion Ratio Lower Upper
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120 8.6 7.2 10.8
236 22.3 19.0 28.4

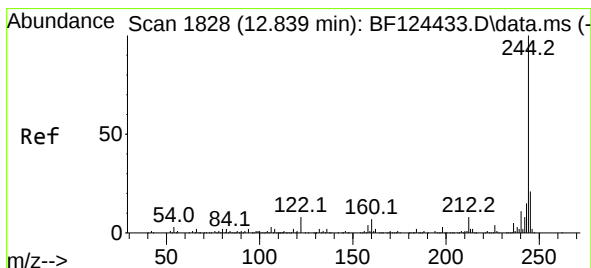
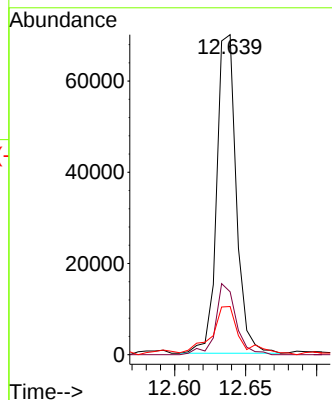
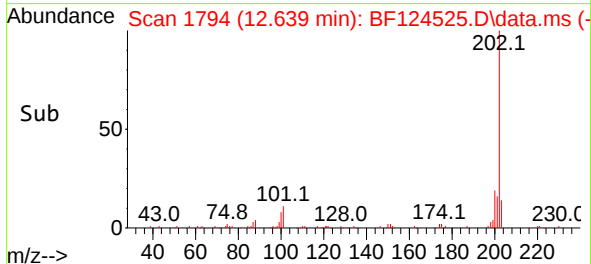




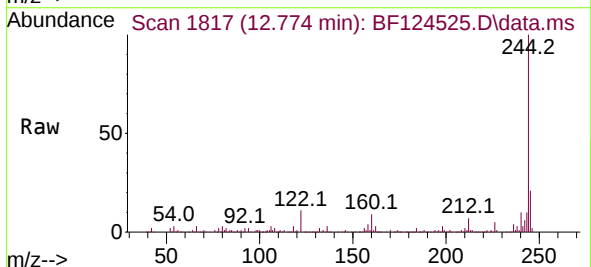
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Pyrene
Concen: 9.19 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55



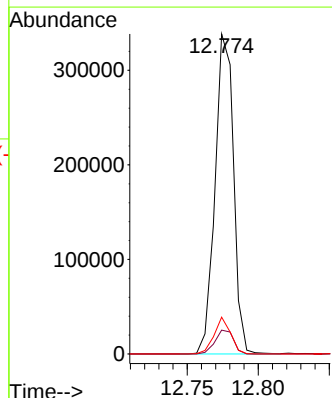
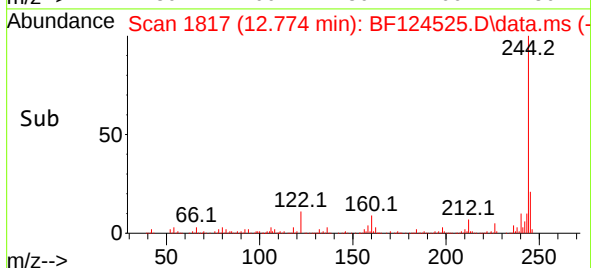
Tgt Ion:202 Resp: 66728
Ion Ratio Lower Upper
202 100
200 19.6 16.1 24.1
203 15.1 14.8 22.2



#79
Terphenyl-d14
Concen: 57.56 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55



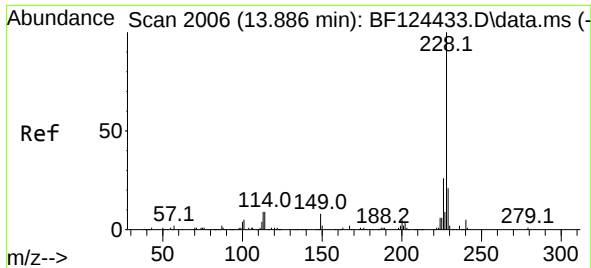
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Ion Ratio Lower Upper
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212 7.5 5.7 8.5
122 11.5 9.7 14.5



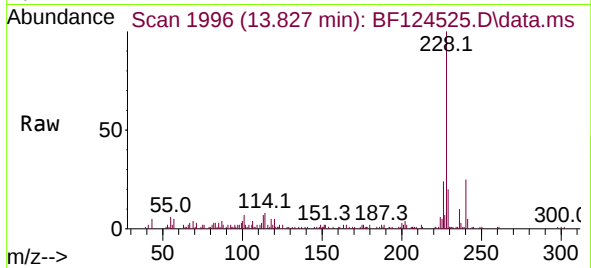
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ClientSampleId :
D-3400

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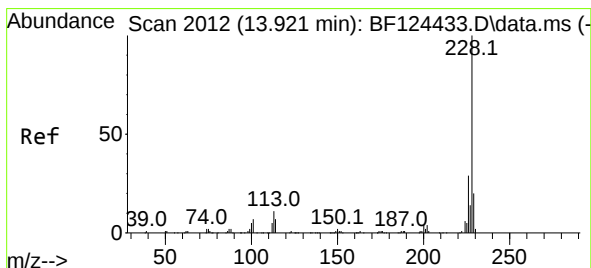
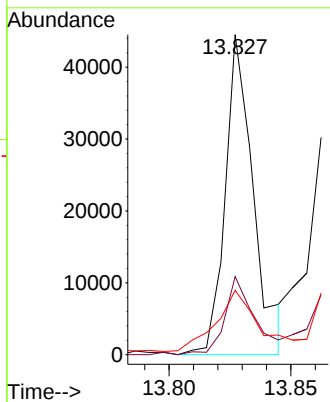
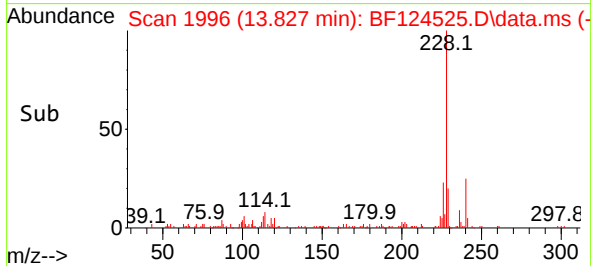
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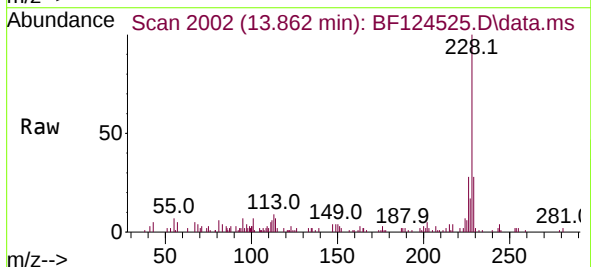
#81
Benzo(a)anthracene
Concen: 6.24 ng
RT: 13.827 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55



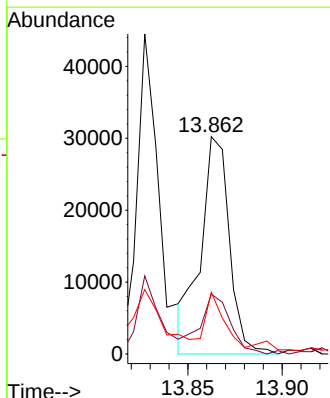
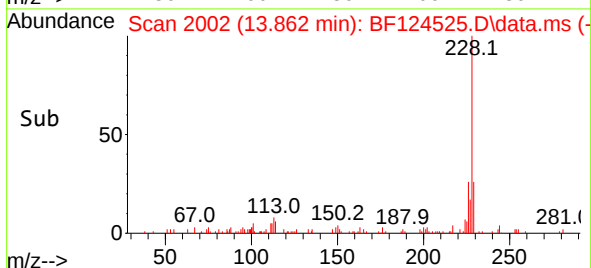
Tgt Ion:228 Resp: 35795
Ion Ratio Lower Upper
228 100
226 24.4 22.4 33.6
229 20.1 16.0 24.0



#83
Chrysene
Concen: 5.68 ng m
RT: 13.862 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF124525.D
Acq: 2 Jul 2021 18:55



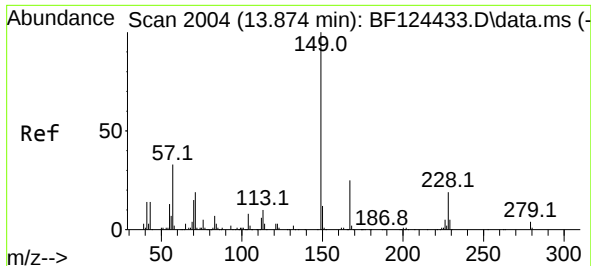
Tgt Ion:228 Resp: 32297
Ion Ratio Lower Upper
228 100
226 27.6 24.3 36.5
229 28.4 16.2 24.2#



Instrument :
BNA_F
ClientSampled :
D-3400

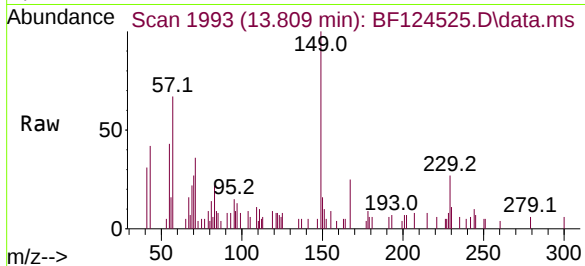
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.08 ng
 RT: 13.809 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: BF124525.D
 Acq: 2 Jul 2021 18:55

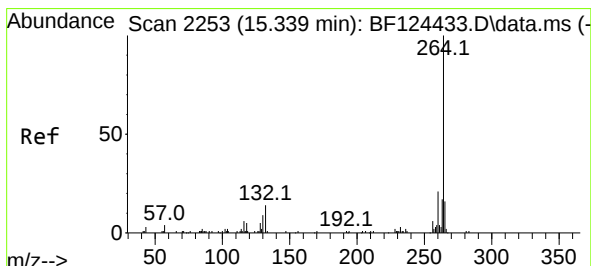
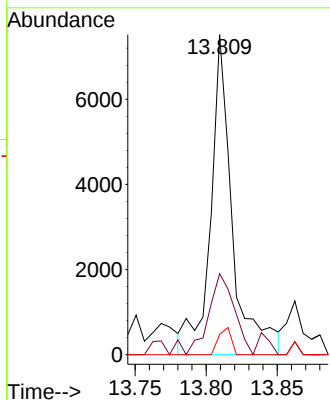
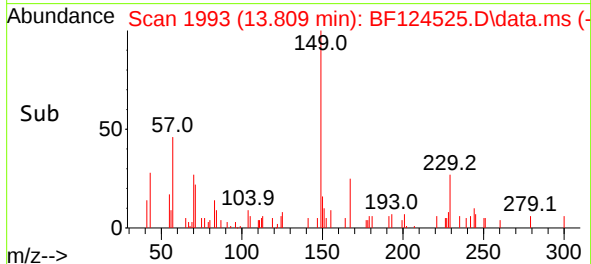
Instrument :
 BNA_F
 ClientSampleId :
 D-3400



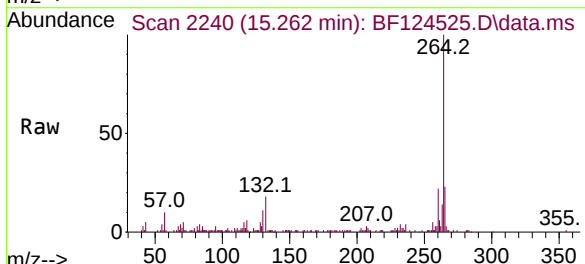
Tgt Ion:149 Resp: 8016
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.8 32.6
 279 6.3 3.3 4.9#

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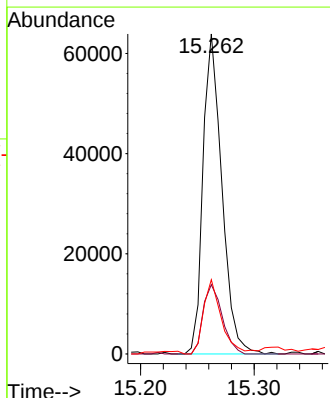
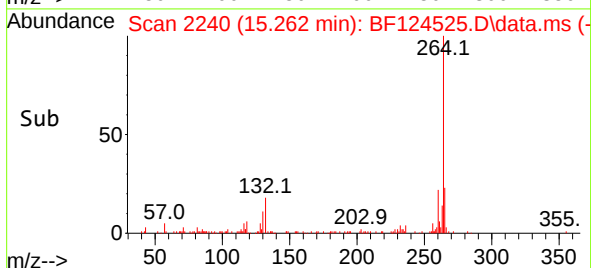
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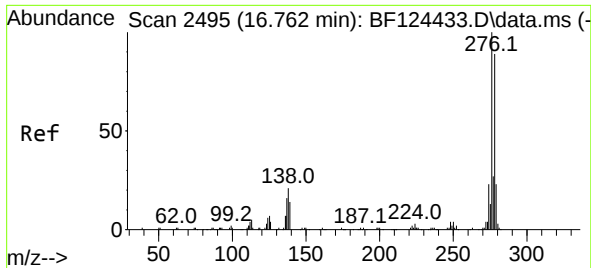


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.262 min Scan# 2240
 Delta R.T. -0.000 min
 Lab File: BF124525.D
 Acq: 2 Jul 2021 18:55

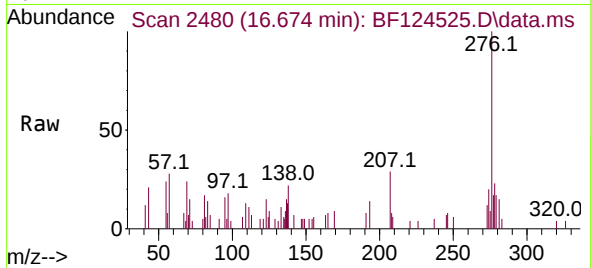


Tgt Ion:264 Resp: 73725
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.7 28.1
 265 23.2 17.8 26.8

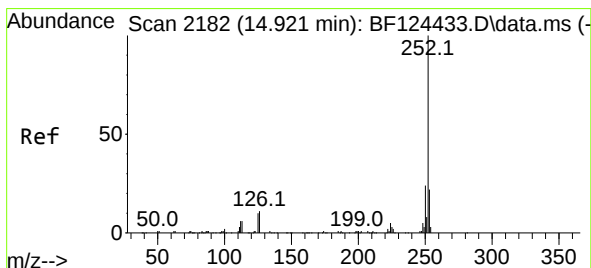
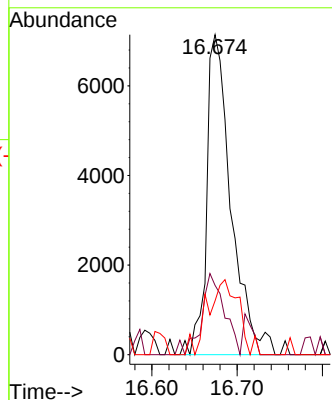
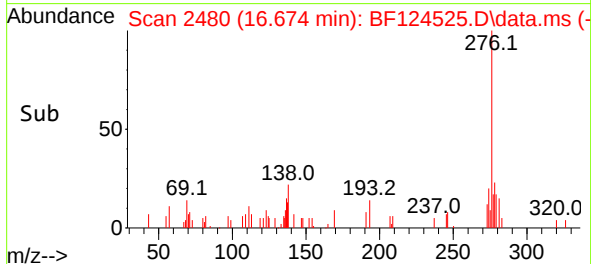




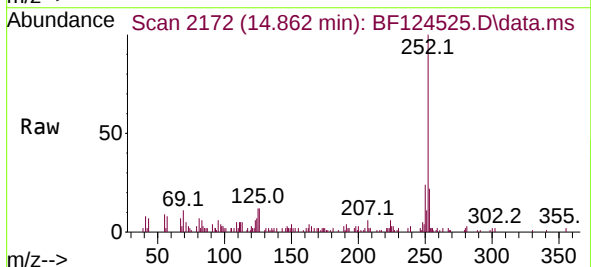
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.45 ng
 RT: 16.674 min Scan# 2480
 Delta R.T. 0.023 min
 Lab File: BF124525.D
 Acq: 2 Jul 2021 18:55



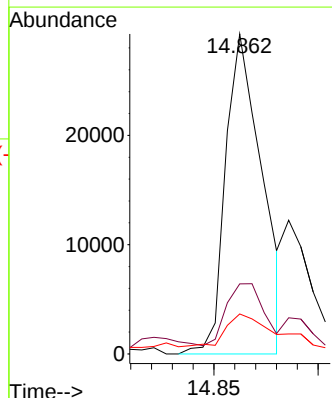
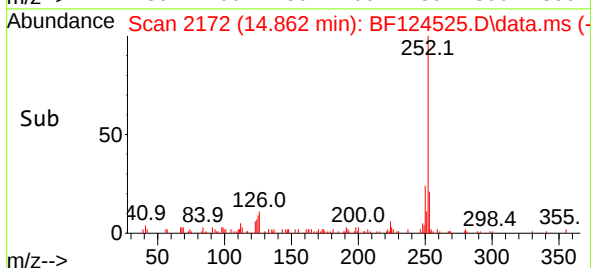
Tgt Ion: 276 Resp: 14249
 Ion Ratio Lower Upper
 276 100
 138 23.8 16.2 24.2
 277 30.1 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 6.36 ng m
 RT: 14.862 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: BF124525.D
 Acq: 2 Jul 2021 18:55



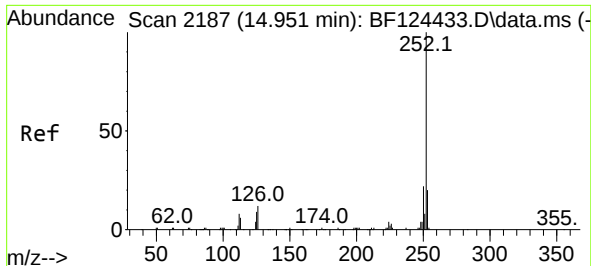
Tgt Ion: 252 Resp: 35556
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.1 27.1
 125 12.5 6.2 9.4#



Instrument :
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 ClientSampleId :
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#89

Benzo(k)fluoranthene

Concen: 2.41 ng m

RT: 14.886 min Scan# 2176

Delta R.T. -0.000 min

Lab File: BF124525.D

Acq: 2 Jul 2021 18:55

Tgt Ion:	252	Resp:	12299
Ion Ratio	Lower	Upper	
252	100		
253	27.1	17.9	26.9#
125	14.9	7.0	10.6#

Instrument :

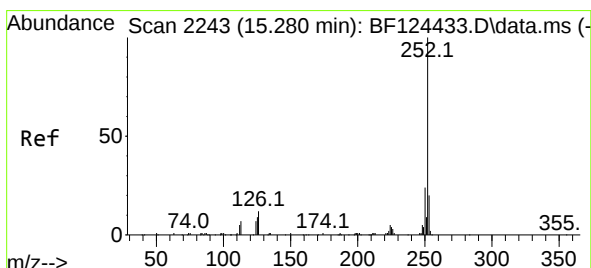
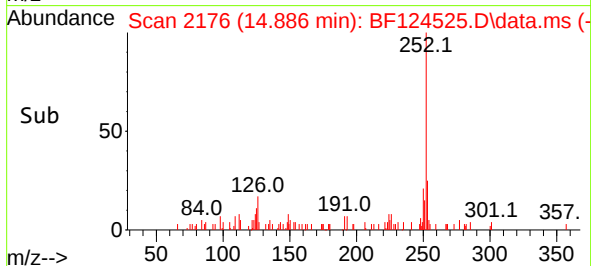
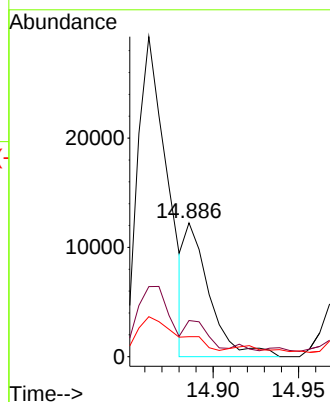
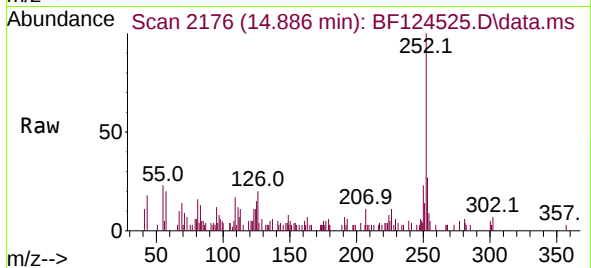
BNA_F

ClientSampled :

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#90

Benzo(a)pyrene

Concen: 5.28 ng

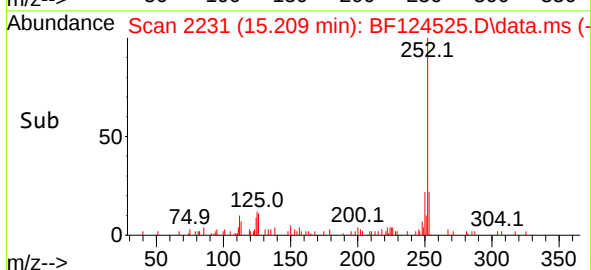
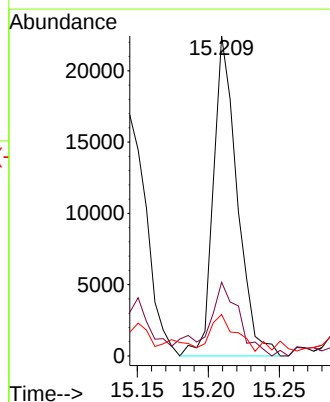
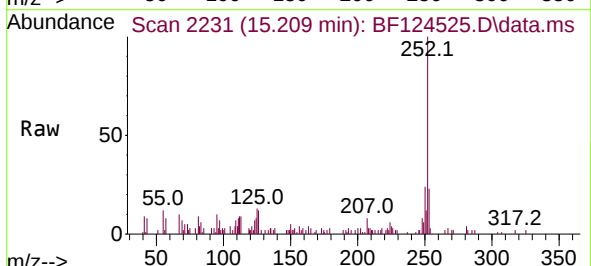
RT: 15.209 min Scan# 2231

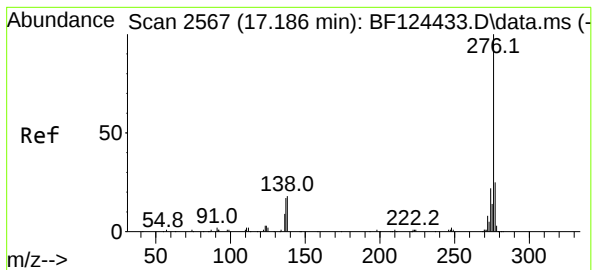
Delta R.T. 0.006 min

Lab File: BF124525.D

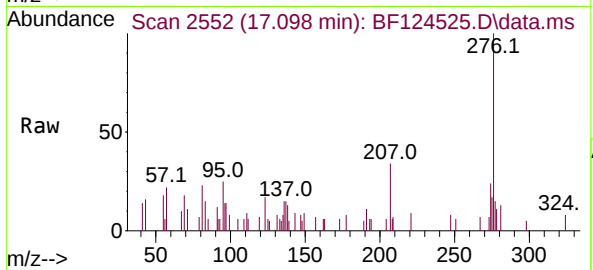
Acq: 2 Jul 2021 18:55

Tgt Ion:	252	Resp:	26207
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.4	27.6
125	13.0	8.0	12.0#

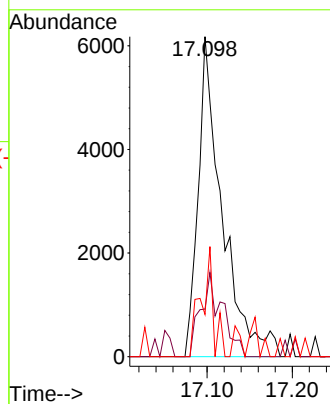
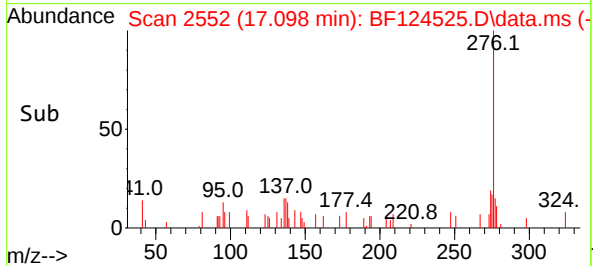




#92
 Benzo(g,h,i)perylene
 Concen: 2.44 ng
 RT: 17.098 min Scan# 2552
 Delta R.T. 0.029 min
 Lab File: BF124525.D
 Acq: 2 Jul 2021 18:55



Tgt Ion: 276 Resp: 12038
 Ion Ratio Lower Upper
 276 100
 277 14.8 18.2 27.2#
 138 13.2 13.8 20.6#



Instrument :
 BNA_F
 ClientSampleId :
 D-3400

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