

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070221\
 Data File : BF124522.D
 Acq On : 2 Jul 2021 17:15
 Operator : JU/CG
 Sample : M2904-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Manual Integrations
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Quant Time: Jul 03 01:44:30 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	6.675	152	34390	20.00	ng	0.00
21) Naphthalene-d8	7.951	136	125859	20.00	ng	# 0.00
39) Acenaphthene-d10	9.704	164	78368	20.00	ng	0.00
64) Phenanthrene-d10	11.192	188	140681	20.00	ng	0.00
76) Chrysene-d12	13.839	240	87976	20.00	ng	0.00
86) Perylene-d12	15.262	264	84665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	200240	91.57	ng	0.00
7) Phenol-d6	6.328	99	249297	87.31	ng	0.00
23) Nitrobenzene-d5	7.239	82	187491	61.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.498	330	69967	74.73	ng	0.00
45) 2-Fluorobiphenyl	9.033	172	395531	61.83	ng	0.00
79) Terphenyl-d14	12.774	244	378299	64.41	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.216	178	176278	19.88	ng	97
72) Anthracene	11.274	178	39840	4.51	ng	96
75) Fluoranthene	12.410	202	260646	29.21	ng	97
78) Pyrene	12.639	202	205463	25.59	ng	99
81) Benzo(a)anthracene	13.827	228	93016	14.66	ng	98
83) Chrysene	13.868	228	82296	13.09	ng	94
87) Indeno(1,2,3-cd)pyrene	16.668	276	46646	6.99	ng	96
88) Benzo(b)fluoranthene	14.862	252	103399m	16.12	ng	
89) Benzo(k)fluoranthene	14.886	252	37163m	6.33	ng	
90) Benzo(a)pyrene	15.209	252	71781	12.59	ng	97
91) Dibenzo(a,h)anthracene	16.656	278	13923m	2.42	ng	
92) Benzo(g,h,i)perylene	17.092	276	41472m	7.33	ng	

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

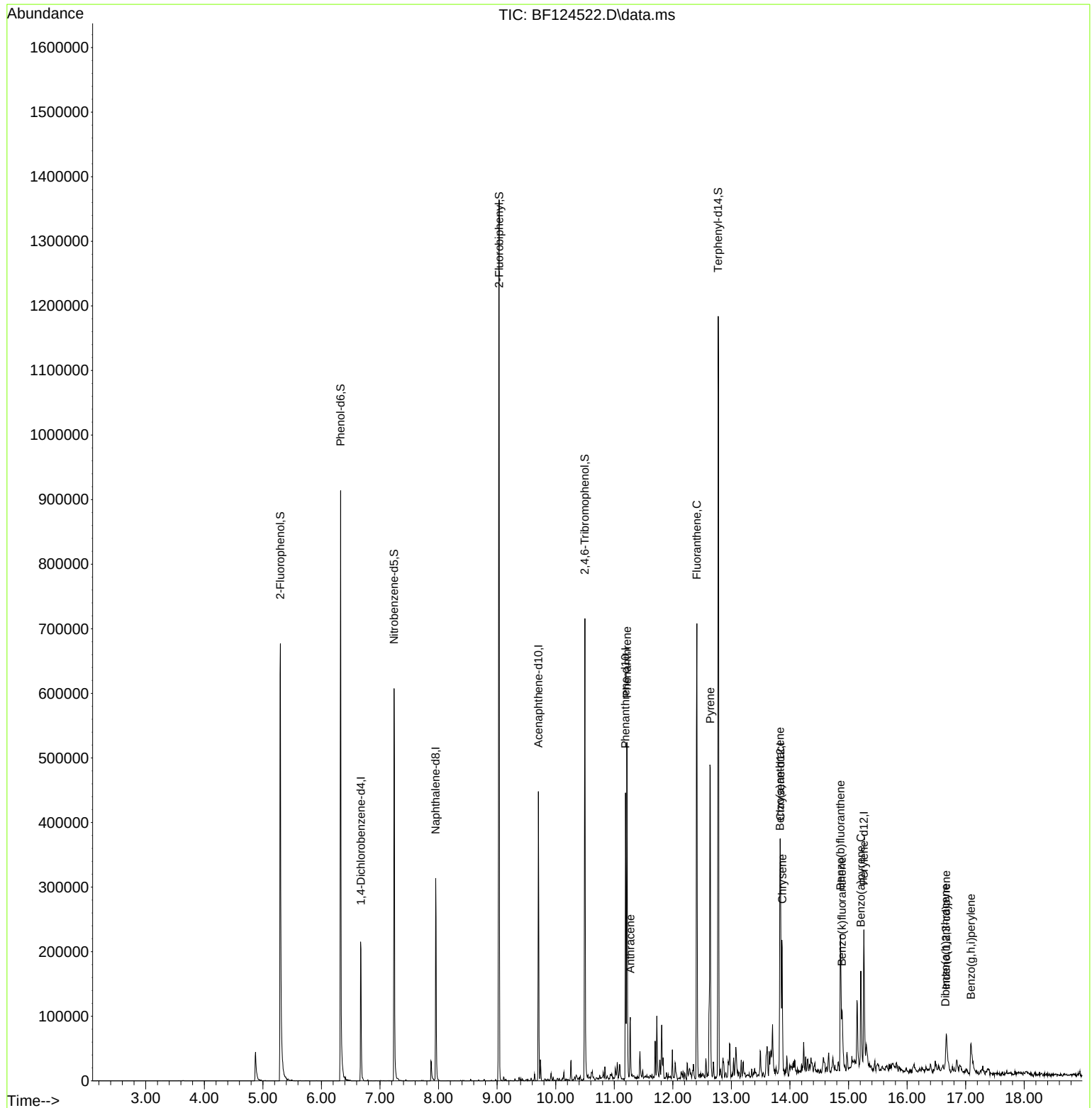
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070221\
Data File : BF124522.D
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Operator : JU/CG
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ALS Vial : 7 Sample Multiplier: 1

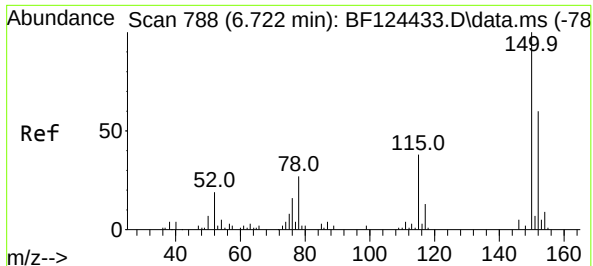
Instrument :
BNA_F
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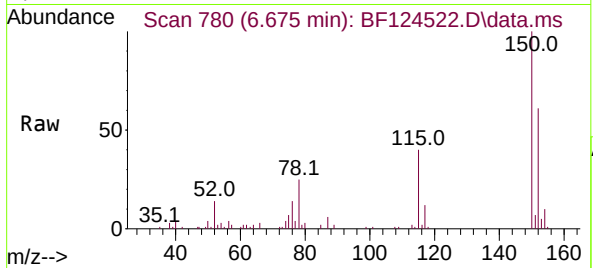
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Quant Time: Jul 03 01:44:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 02 14:41:35 2021
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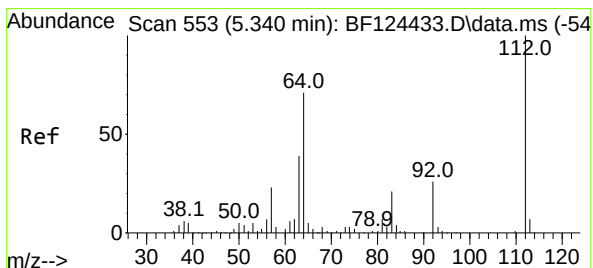
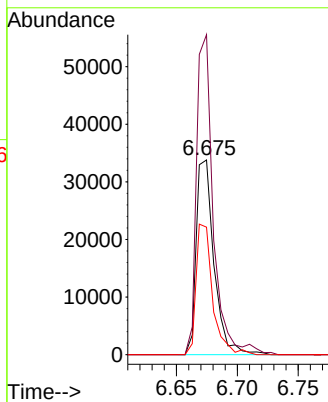
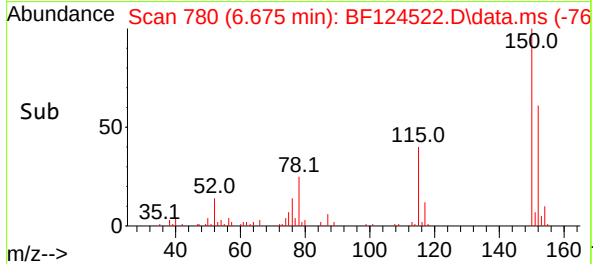




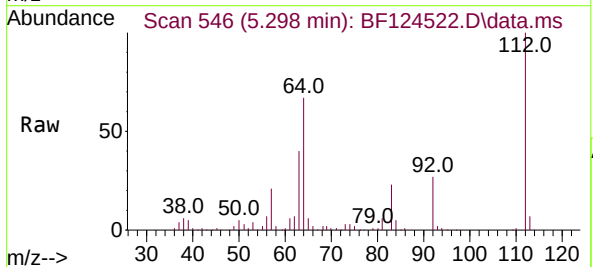
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15



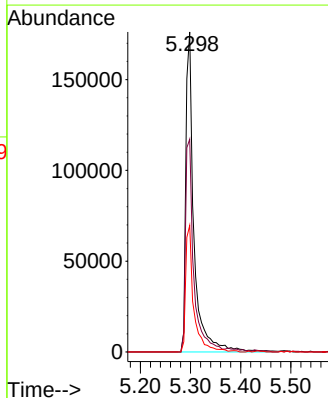
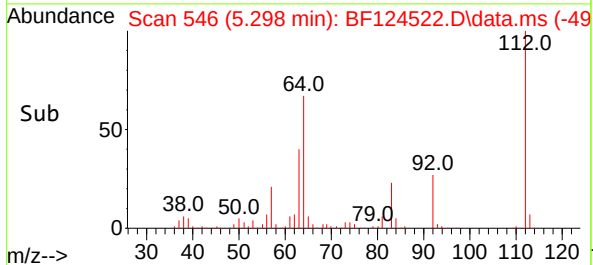
Tgt Ion:152 Resp: 34390
Ion Ratio Lower Upper
152 100
150 164.3 127.0 190.6
115 65.5 54.3 81.5



#5
2-Fluorophenol
Concen: 91.57 ng
RT: 5.298 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15



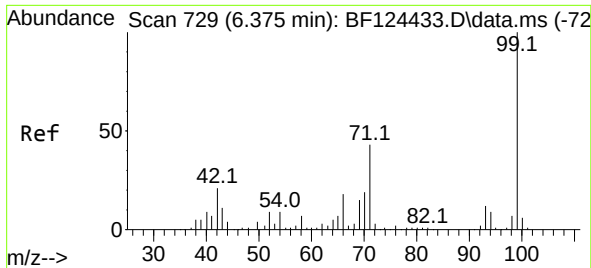
Tgt Ion:112 Resp: 200240
Ion Ratio Lower Upper
112 100
64 66.5 61.4 92.0
63 39.5 33.0 49.4



Instrument :
BNA_F
ClientSampleId :
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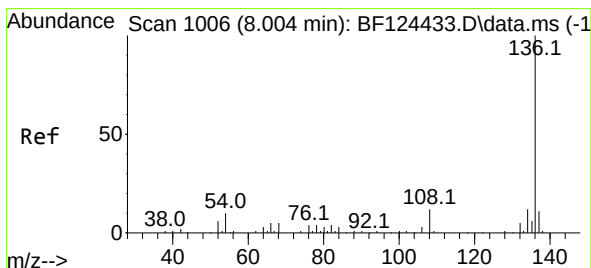
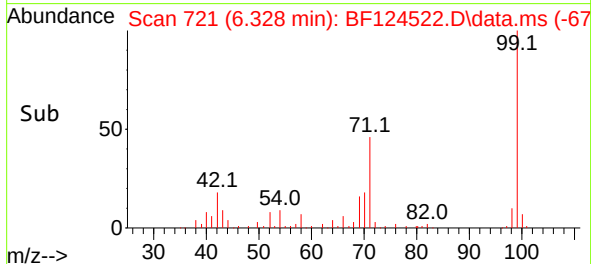
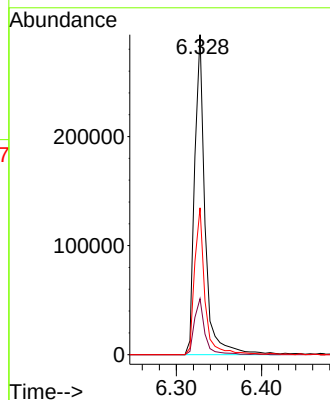
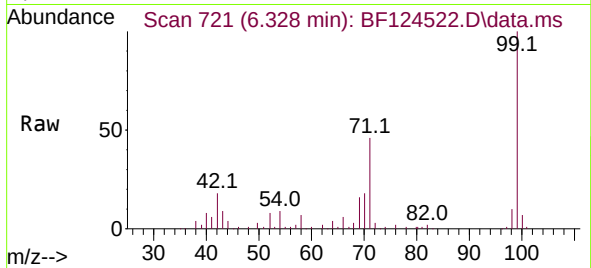
#7
Phenol-d6
Concen: 87.31 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15

Tgt Ion: 99 Resp: 249297
Ion Ratio Lower Upper
99 100
42 17.5 19.8 29.8#
71 45.9 31.1 46.7

Instrument :
BNA_F
ClientSampled :
COMP-2

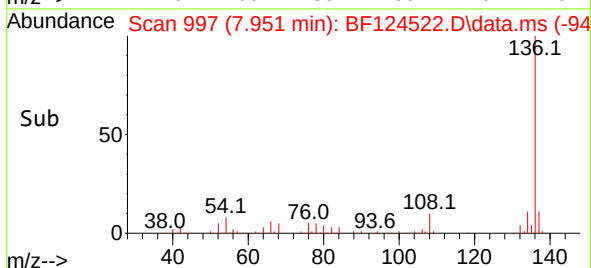
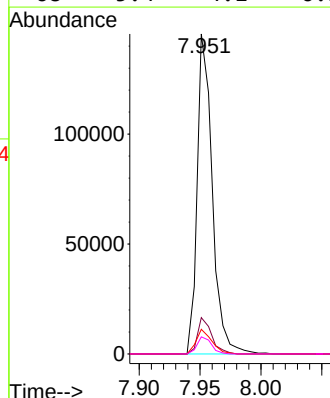
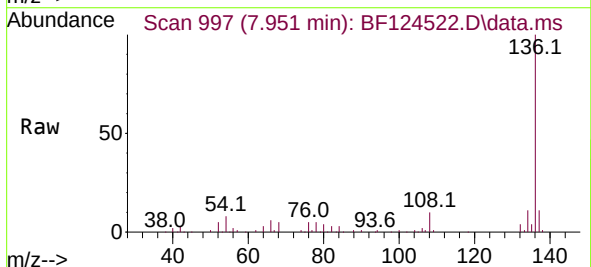
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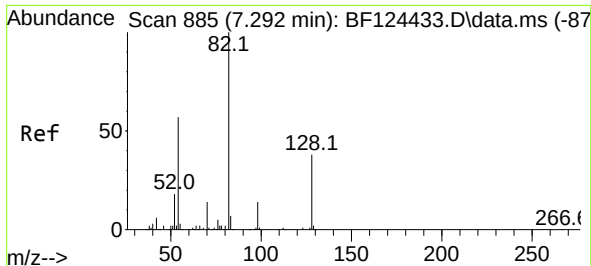
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15

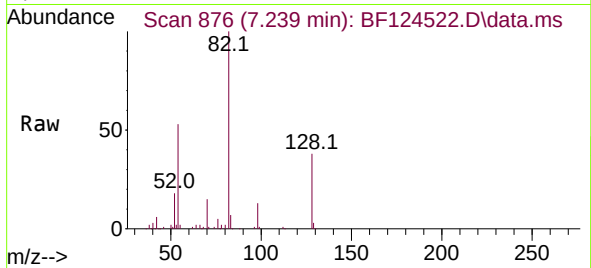
Tgt Ion: 136 Resp: 125859
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.7 9.8 14.6#
68 5.4 4.1 6.1





#23
Nitrobenzene-d5
Concen: 61.77 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15

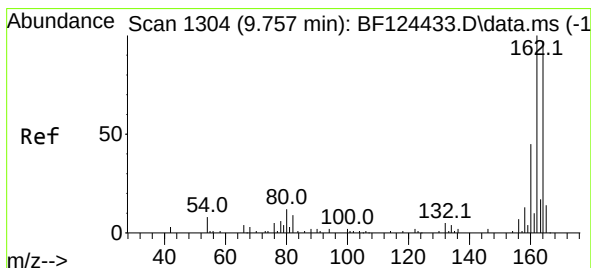
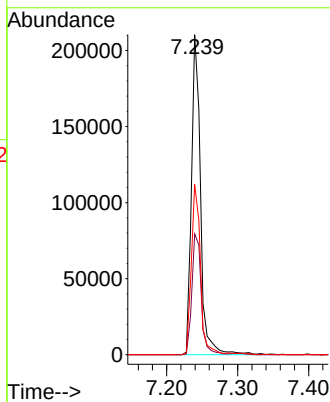
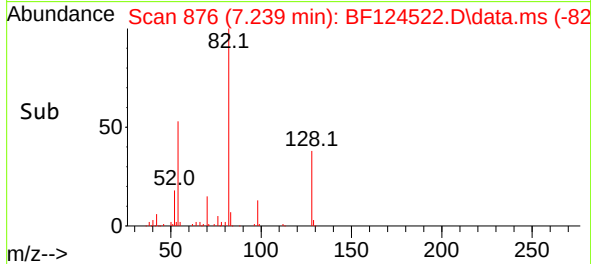
Instrument :
BNA_F
ClientSampleId :
COMP-2



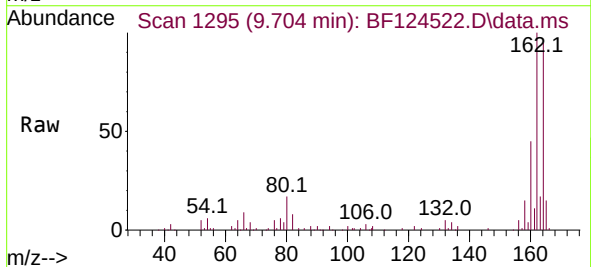
Tgt Ion: 82 Resp: 187491
Ion Ratio Lower Upper
82 100
128 37.8 29.4 44.2
54 53.2 54.1 81.1#

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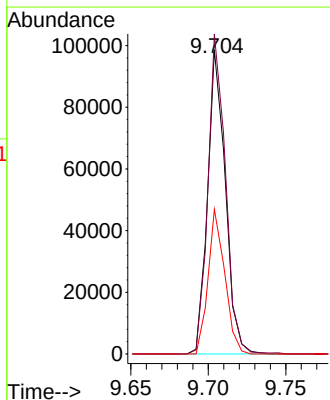
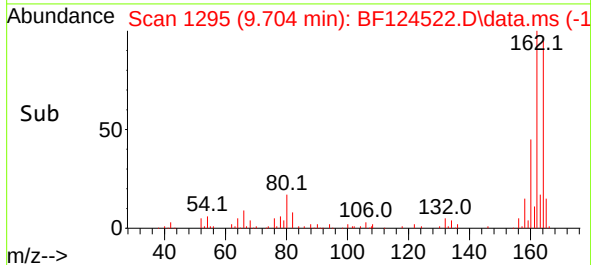
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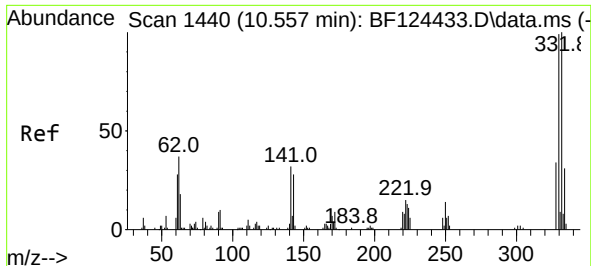


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15



Tgt Ion: 164 Resp: 78368
Ion Ratio Lower Upper
164 100
162 105.2 80.7 121.1
160 47.5 37.3 55.9





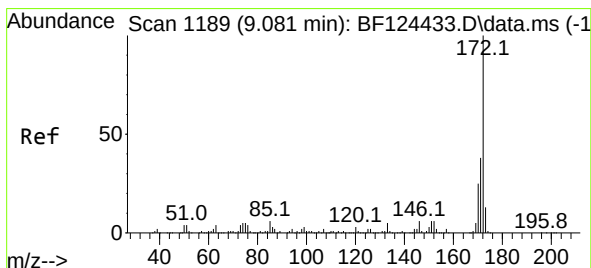
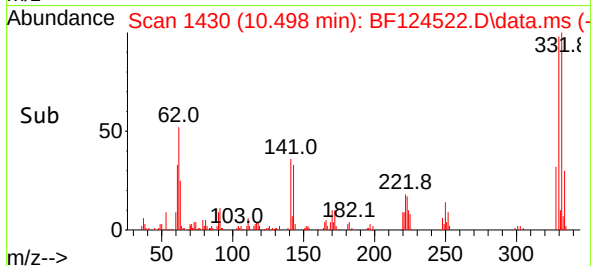
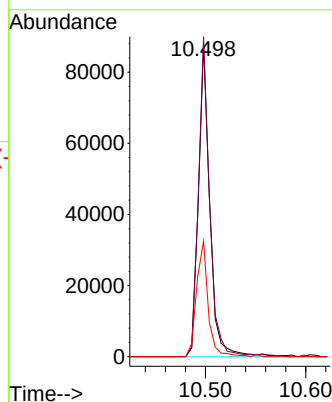
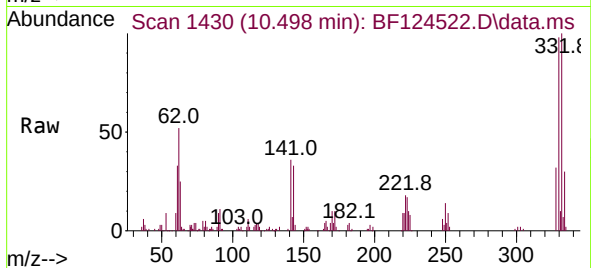
#42
2,4,6-Tribromophenol
Concen: 74.73 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15

Tgt Ion:	330	Resp:	69967
Ion Ratio	Lower	Upper	
330	100		
332	101.2	77.1	115.7
141	37.4	27.9	41.9

Instrument :
BNA_F
ClientSampled :
COMP-2

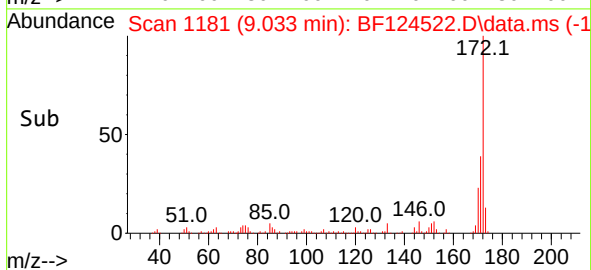
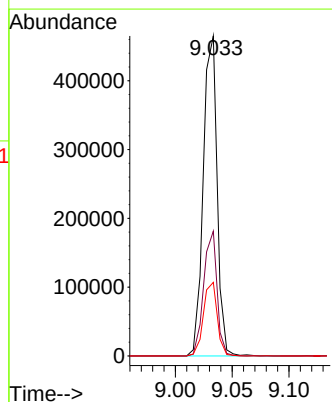
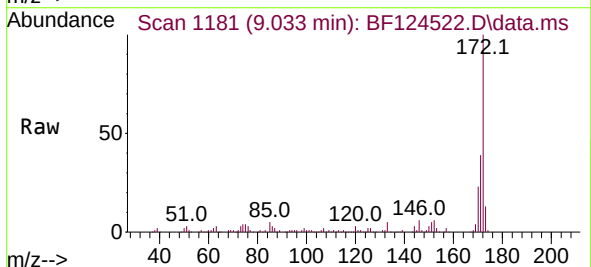
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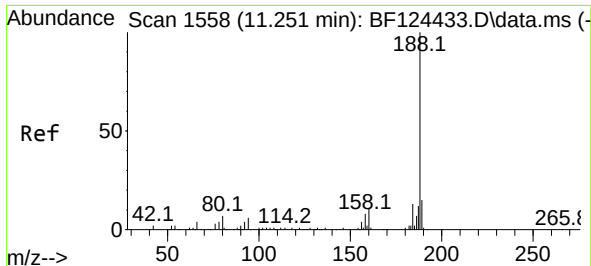
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#45
2-Fluorobiphenyl
Concen: 61.83 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15

Tgt Ion:	172	Resp:	395531
Ion Ratio	Lower	Upper	
172	100		
171	39.0	28.1	42.1
170	23.0	19.2	28.8





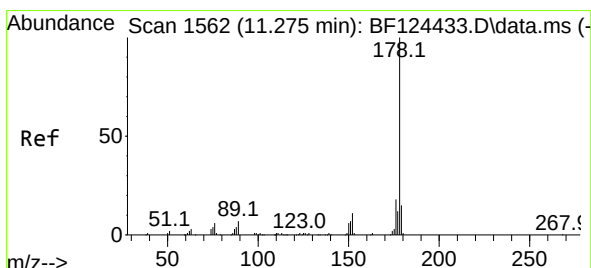
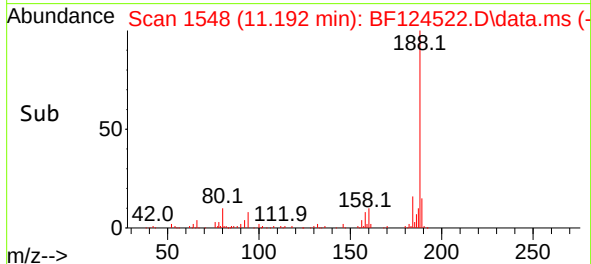
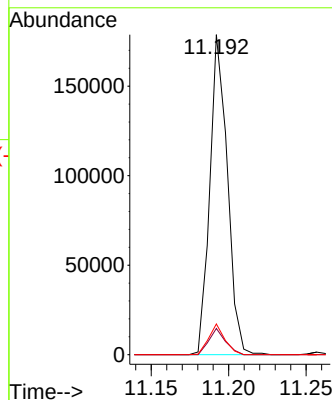
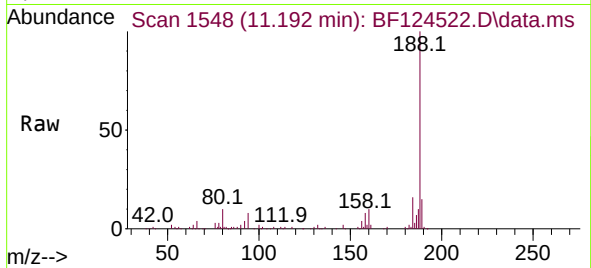
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.192 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15

Instrument :
BNA_F
ClientSampled :
COMP-2

Tgt Ion:188 Resp: 140681
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.6 8.2 12.2

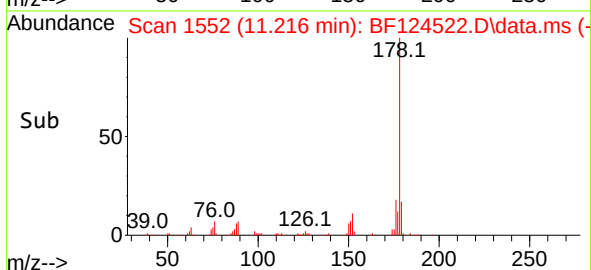
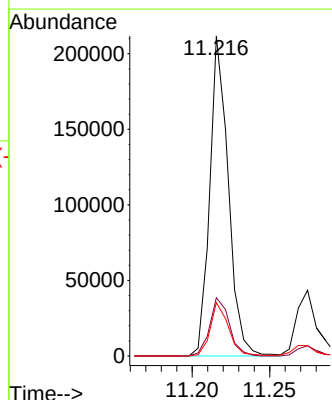
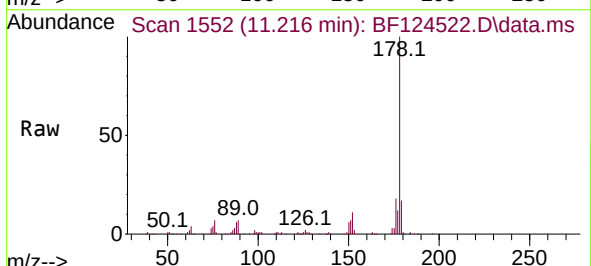
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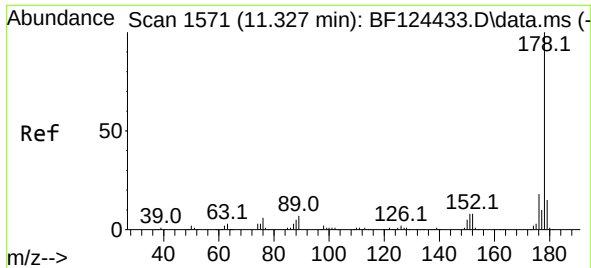
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#71
Phenanthrene
Concen: 19.88 ng
RT: 11.216 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15

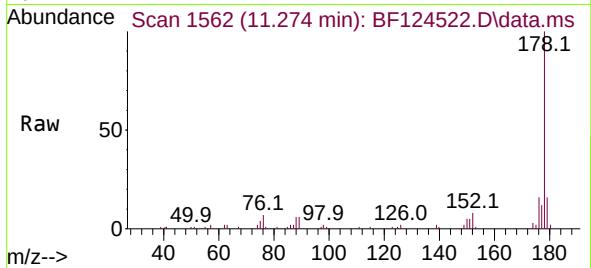
Tgt Ion:178 Resp: 176278
Ion Ratio Lower Upper
178 100
176 18.2 15.6 23.4
179 16.6 12.5 18.7





#72
 Anthracene
 Concen: 4.51 ng
 RT: 11.274 min Scan# 1562
 Delta R.T. -0.000 min
 Lab File: BF124522.D
 Acq: 2 Jul 2021 17:15

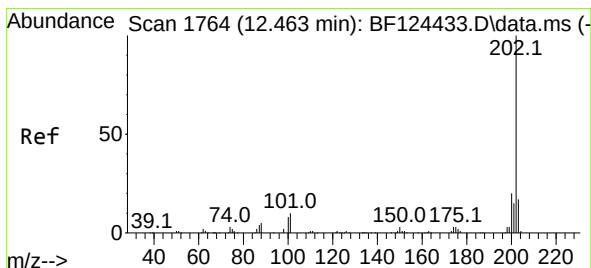
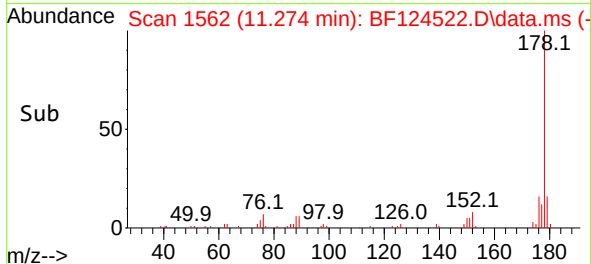
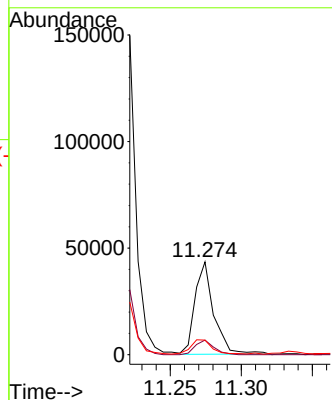
Instrument :
 BNA_F
 ClientSampled :
 COMP-2



Tgt Ion:178 Resp: 39840
 Ion Ratio Lower Upper
 178 100
 176 15.6 15.4 23.0
 179 15.7 12.6 18.8

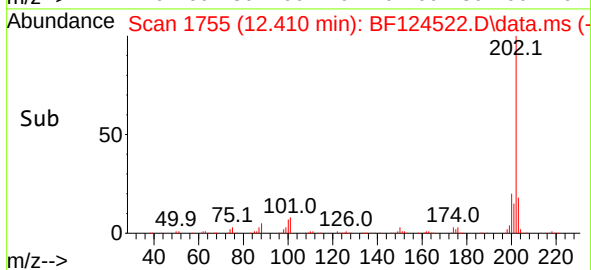
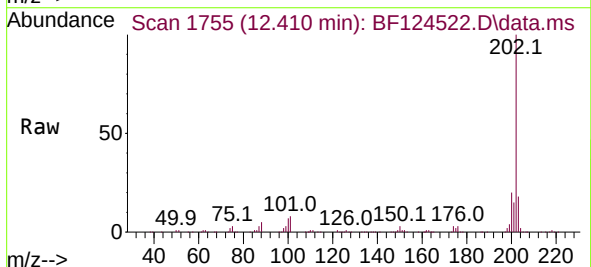
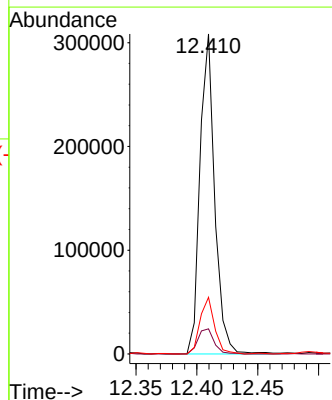
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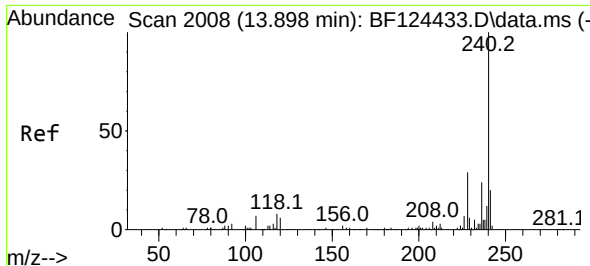
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#75
 Fluoranthene
 Concen: 29.21 ng
 RT: 12.410 min Scan# 1755
 Delta R.T. -0.000 min
 Lab File: BF124522.D
 Acq: 2 Jul 2021 17:15

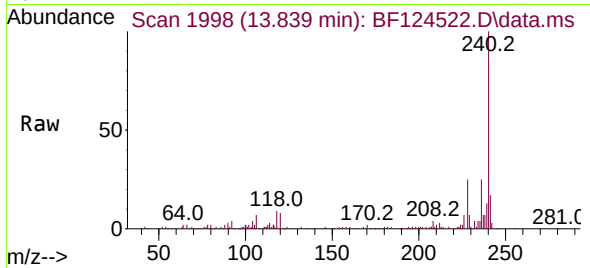
Tgt Ion:202 Resp: 260646
 Ion Ratio Lower Upper
 202 100
 101 7.8 0.0 30.9
 203 17.7 0.0 37.5





#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15

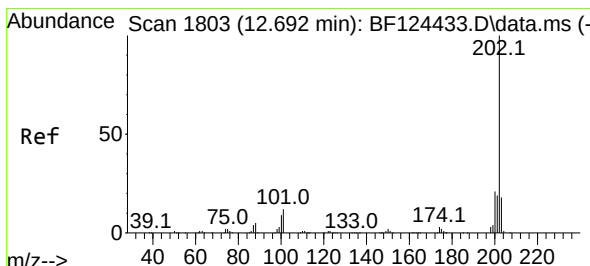
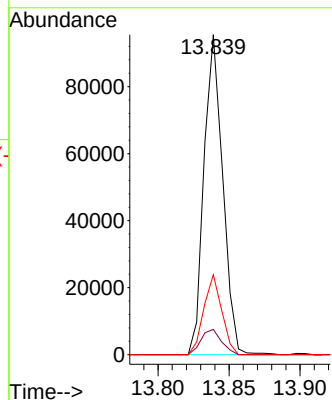
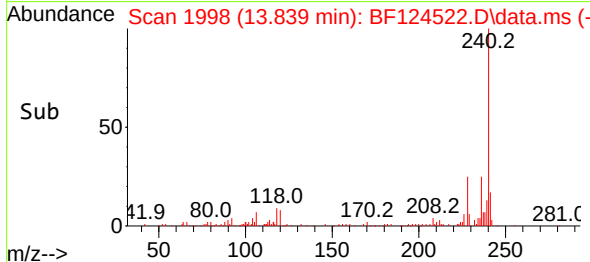
Instrument :
BNA_F
ClientSampled :
COMP-2



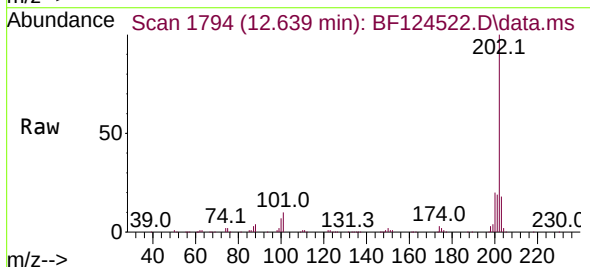
Tgt Ion:240 Resp: 87976
Ion Ratio Lower Upper
240 100
120 7.9 7.2 10.8
236 25.0 19.0 28.4

Manual Integrations
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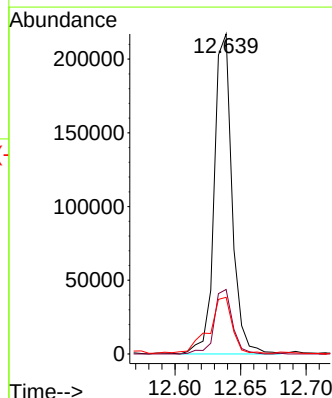
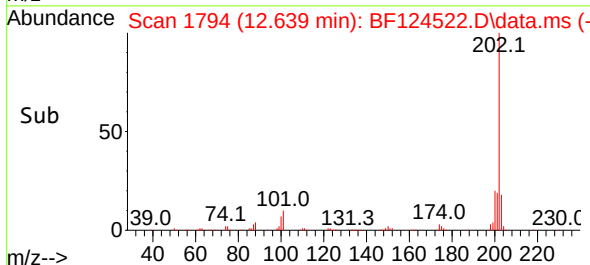
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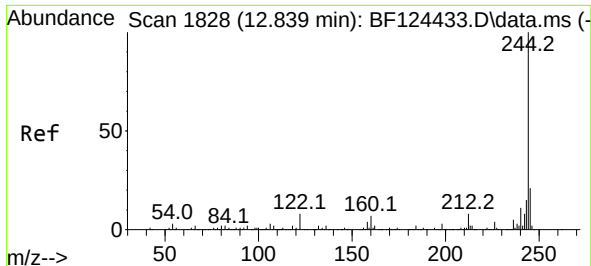


#78
Pyrene
Concen: 25.59 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15

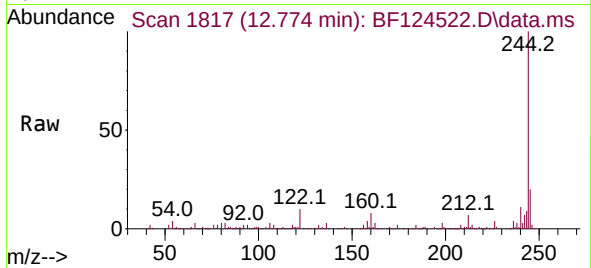


Tgt Ion:202 Resp: 205463
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.7 14.8 22.2

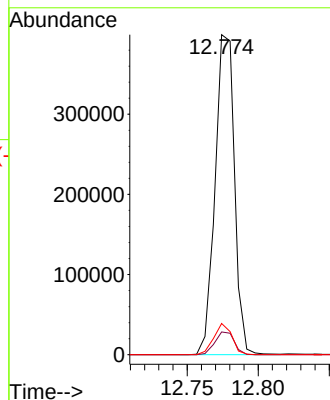




#79
Terphenyl-d14
Concen: 64.41 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15



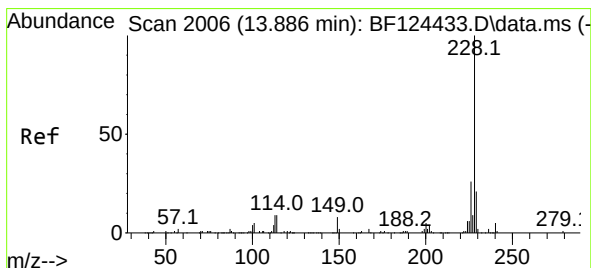
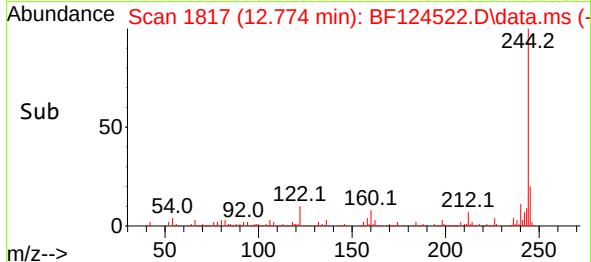
Tgt Ion:244 Resp: 378299
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.7 9.7 14.5



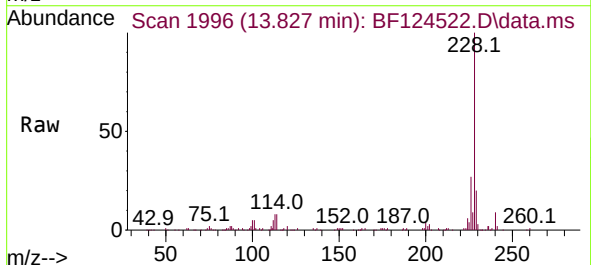
Instrument :
BNA_F
ClientSampled :
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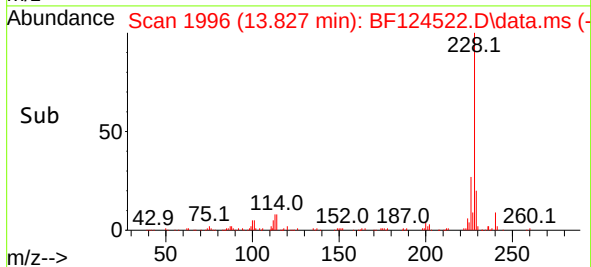
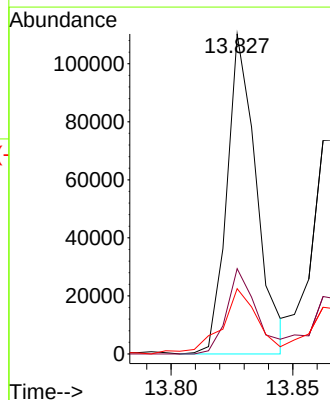
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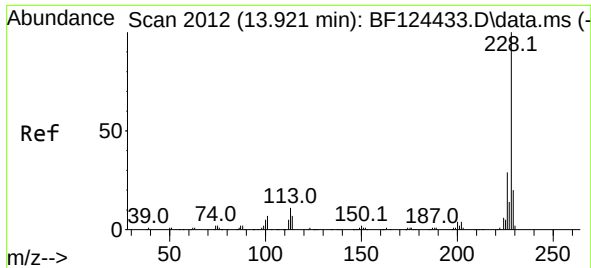


#81
Benzo(a)anthracene
Concen: 14.66 ng
RT: 13.827 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15

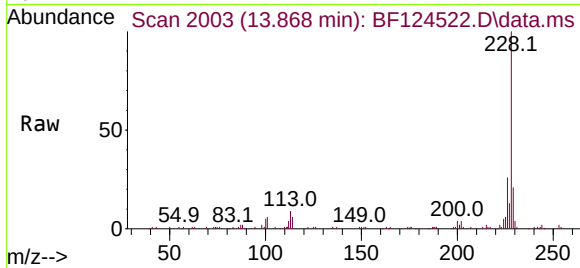


Tgt Ion:228 Resp: 93016
Ion Ratio Lower Upper
228 100
226 26.7 22.4 33.6
229 20.4 16.0 24.0

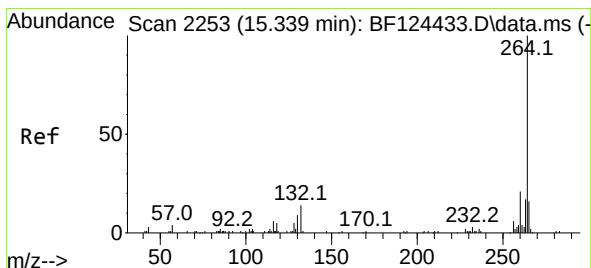
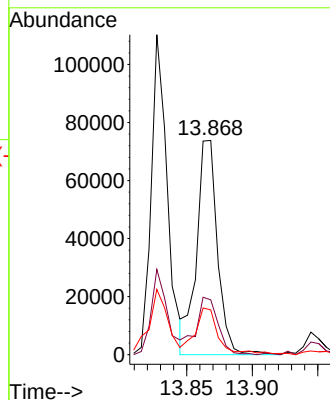
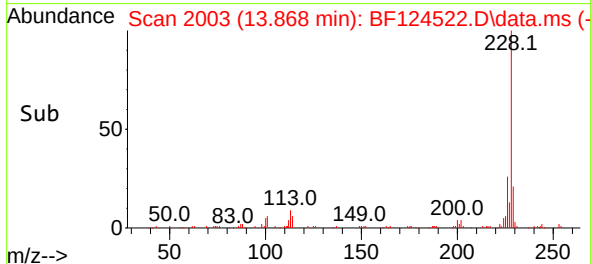




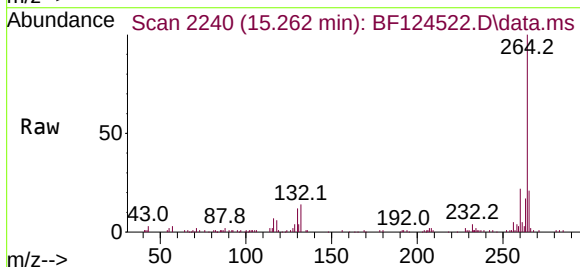
#83
Chrysene
Concen: 13.09 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15



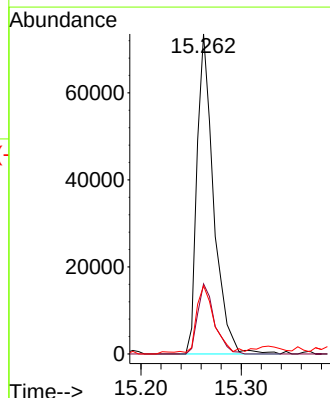
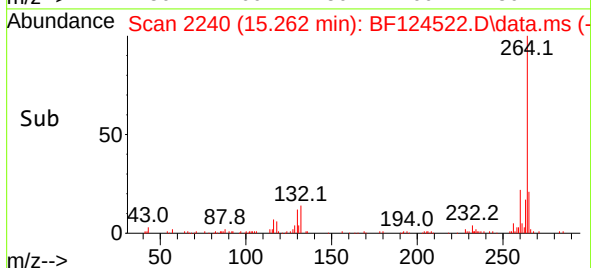
Tgt Ion:228 Resp: 82296
Ion Ratio Lower Upper
228 100
226 25.6 24.3 36.5
229 20.9 16.2 24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.262 min Scan# 2240
Delta R.T. -0.000 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15



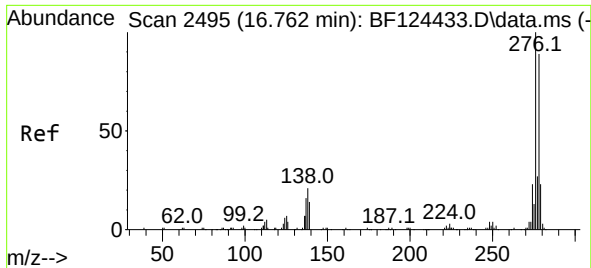
Tgt Ion:264 Resp: 84665
Ion Ratio Lower Upper
264 100
260 21.9 18.7 28.1
265 21.3 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
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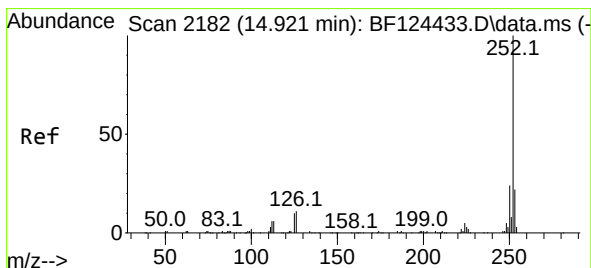
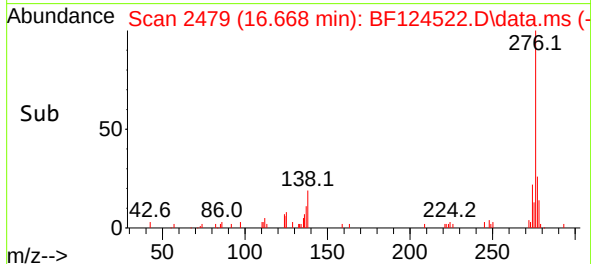
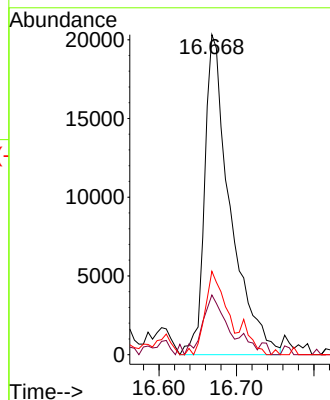
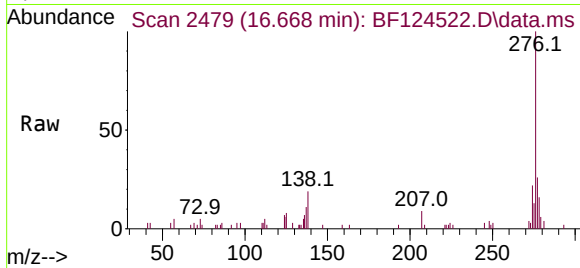
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.99 ng
RT: 16.668 min Scan# 2479
Delta R.T. 0.018 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15

Tgt Ion:	276	Resp:	46646
Ion Ratio	Lower	Upper	
276	100		
138	19.3	16.2	24.2
277	21.9	20.1	30.1

Instrument :
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ClientSampled :
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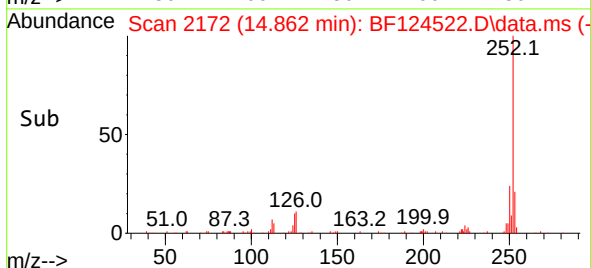
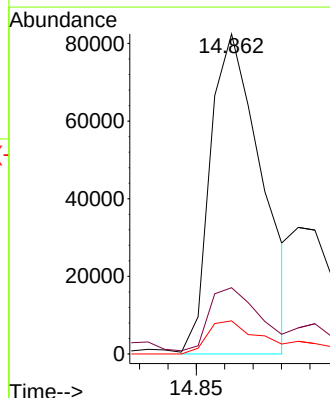
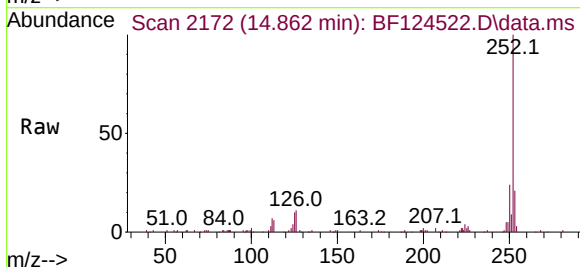
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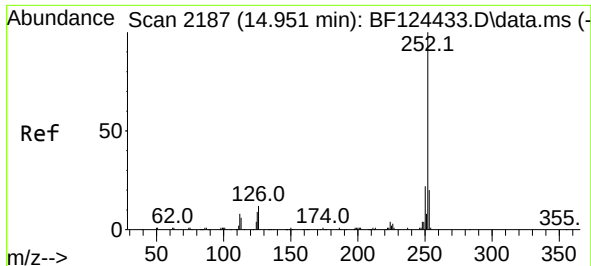
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#88
Benzo(b)fluoranthene
Concen: 16.12 ng m
RT: 14.862 min Scan# 2172
Delta R.T. 0.006 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15

Tgt Ion:	252	Resp:	103399
Ion Ratio	Lower	Upper	
252	100		
253	20.7	18.1	27.1
125	10.3	6.2	9.4#





#89

Benzo(k)fluoranthene

Concen: 6.33 ng m

RT: 14.886 min Scan# 2176

Delta R.T. -0.000 min

Lab File: BF124522.D

Acq: 2 Jul 2021 17:15

Tgt Ion:	252	Resp:	37163
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.9	26.9
125	10.0	7.0	10.6

Instrument :

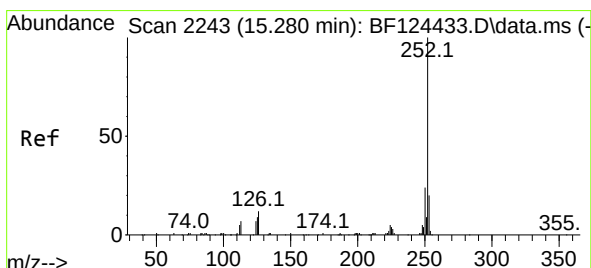
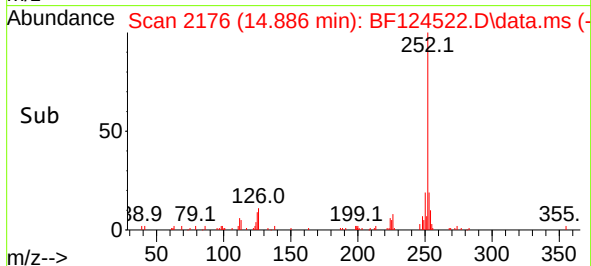
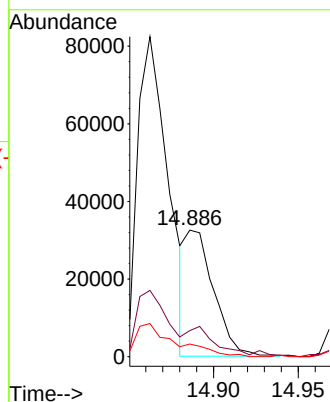
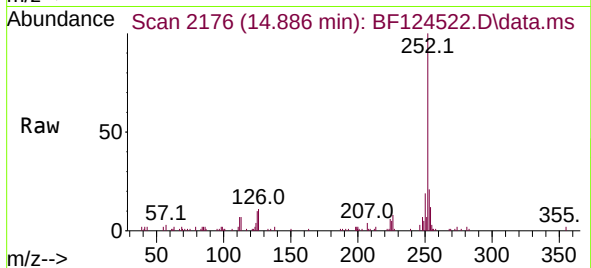
BNA_F

ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 12.59 ng

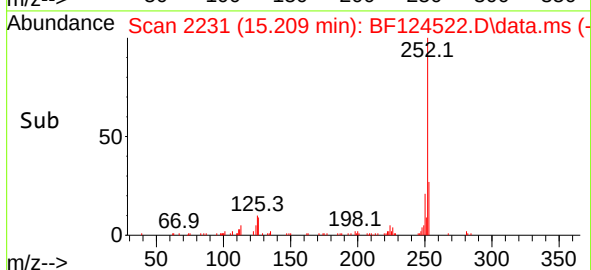
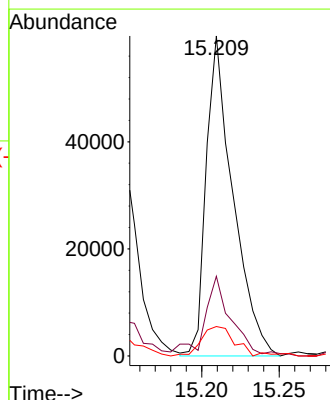
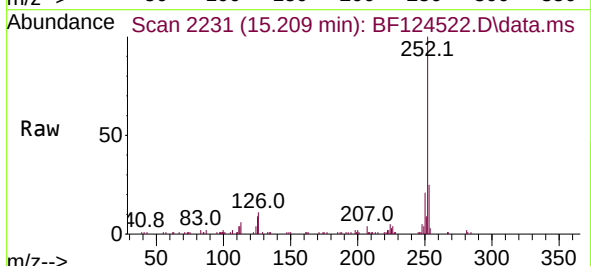
RT: 15.209 min Scan# 2231

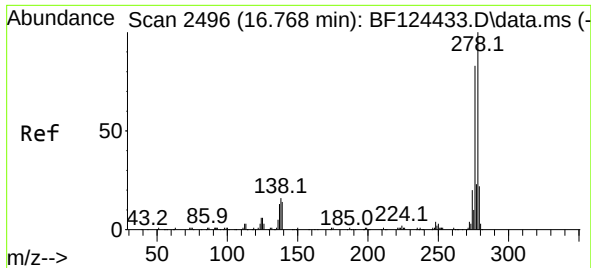
Delta R.T. 0.006 min

Lab File: BF124522.D

Acq: 2 Jul 2021 17:15

Tgt Ion:	252	Resp:	71781
Ion Ratio	Lower	Upper	
252	100		
253	24.9	18.4	27.6
125	9.2	8.0	12.0





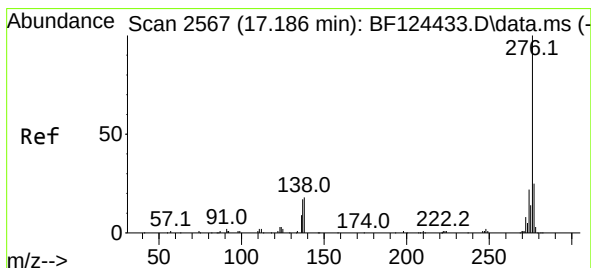
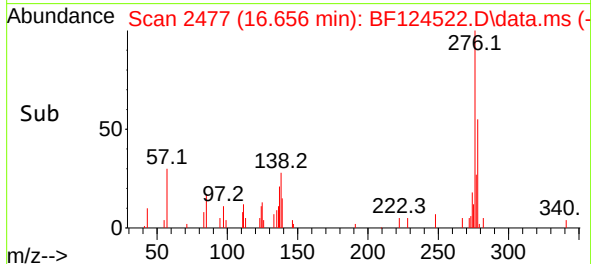
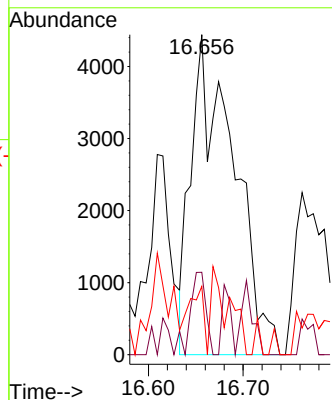
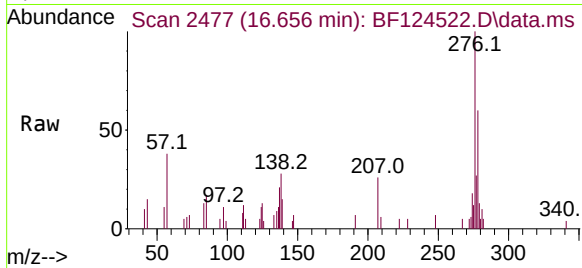
#91
Dibenzo(a,h)anthracene
Concen: 2.42 ng m
RT: 16.656 min Scan# 2477
Delta R.T. 0.006 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15

Tgt Ion: 278 Resp: 13923
Ion Ratio Lower Upper
278 100
139 25.8 10.2 15.2#
279 21.4 19.4 29.0

Instrument :
BNA_F
ClientSampleId :
COMP-2

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#92
Benzo(g,h,i)perylene
Concen: 7.33 ng m
RT: 17.092 min Scan# 2551
Delta R.T. 0.023 min
Lab File: BF124522.D
Acq: 2 Jul 2021 17:15

Tgt Ion: 276 Resp: 41472
Ion Ratio Lower Upper
276 100
277 19.1 18.2 27.2
138 15.2 13.8 20.6

