

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070221\
 Data File : BF124523.D
 Acq On : 2 Jul 2021 17:48
 Operator : JU/CG
 Sample : M2904-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Manual Integrations
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mohammad
 7/7/2021 11:35:06 AM

Quant Time: Jul 03 01:44:42 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	33148	20.00	ng	# 0.00
21) Naphthalene-d8	7.951	136	124882	20.00	ng	0.00
39) Acenaphthene-d10	9.704	164	72349	20.00	ng	0.00
64) Phenanthrene-d10	11.192	188	119319	20.00	ng	# 0.00
76) Chrysene-d12	13.839	240	81231	20.00	ng	0.00
86) Perylene-d12	15.262	264	81502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	219160	103.98	ng	0.00
7) Phenol-d6	6.328	99	267699	97.27	ng	0.00
23) Nitrobenzene-d5	7.239	82	201963	67.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.498	330	77532	89.70	ng	0.00
45) 2-Fluorobiphenyl	9.033	172	405326	68.63	ng	0.00
79) Terphenyl-d14	12.774	244	328902	60.65	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.216	178	93411	12.42	ng	99
72) Anthracene	11.275	178	23966m	3.20	ng	
75) Fluoranthene	12.410	202	172298	22.76	ng	96
78) Pyrene	12.633	202	142920	19.27	ng	97
81) Benzo(a)anthracene	13.827	228	79138	13.51	ng	97
83) Chrysene	13.863	228	66399	11.44	ng	96
87) Indeno(1,2,3-cd)pyrene	16.668	276	35300	5.49	ng	97
88) Benzo(b)fluoranthene	14.863	252	99692m	16.14	ng	
89) Benzo(k)fluoranthene	14.886	252	32612m	5.77	ng	
90) Benzo(a)pyrene	15.210	252	67555	12.31	ng	97
92) Benzo(g,h,i)perylene	17.092	276	28086	5.16	ng	# 96

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

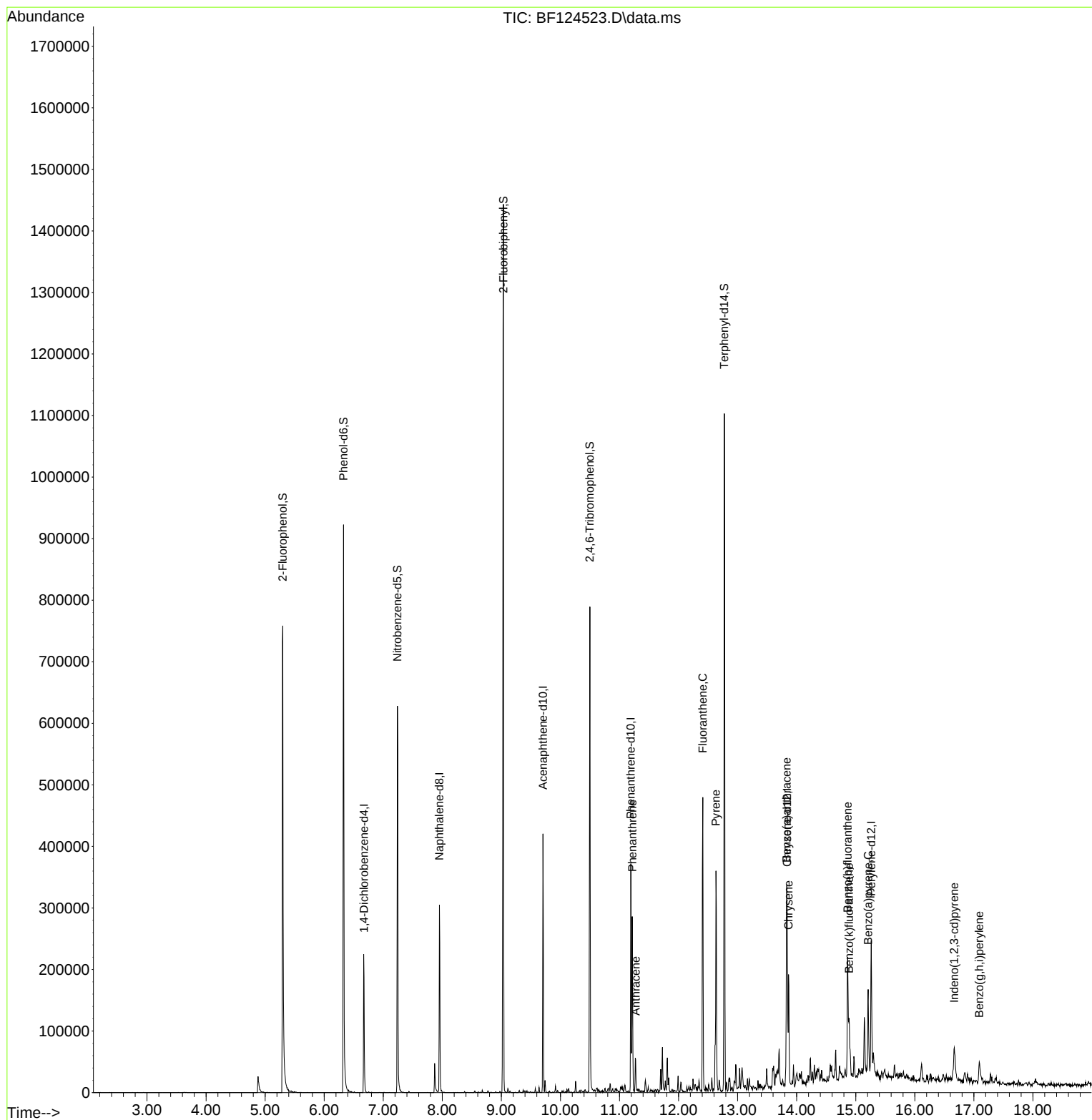
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Data File : BF124523.D
Acq On : 2 Jul 2021 17:48
Operator : JU/CG
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ALS Vial : 8 Sample Multiplier: 1

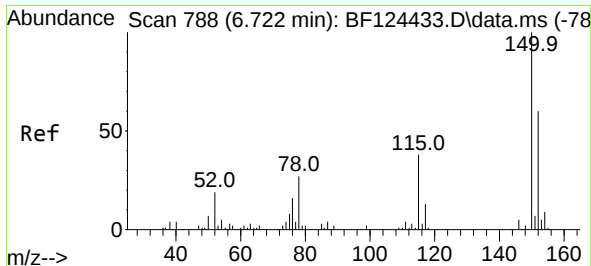
Instrument :
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ClientSampleId :
COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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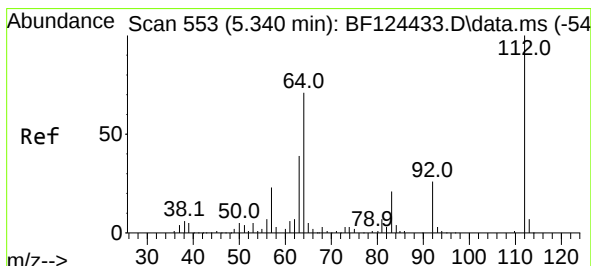
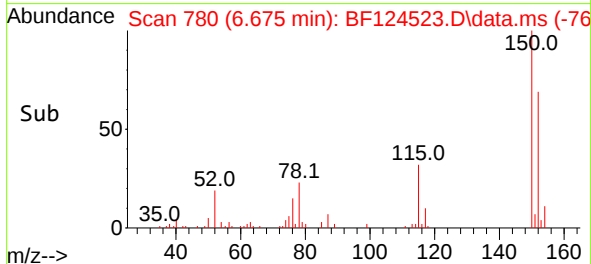
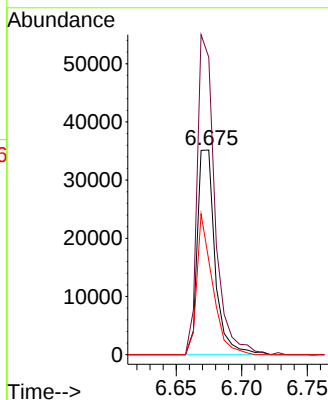
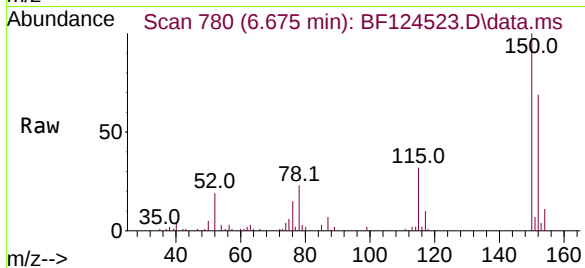
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48

Instrument :
BNA_F
ClientSampled :
COMP-1

Tgt Ion:152 Resp: 33148
Ion Ratio Lower Upper
152 100
150 145.4 127.0 190.6
115 46.0 54.3 81.5#

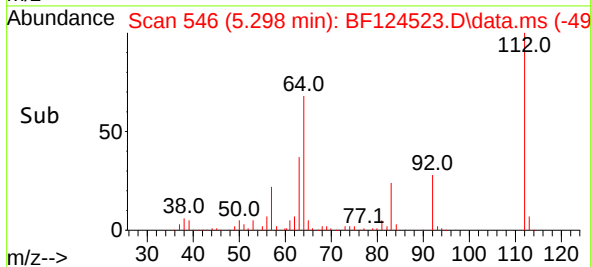
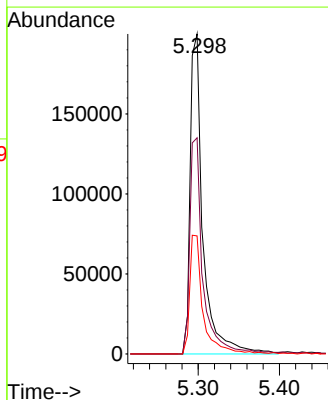
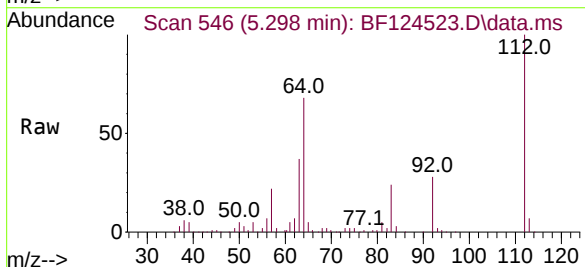
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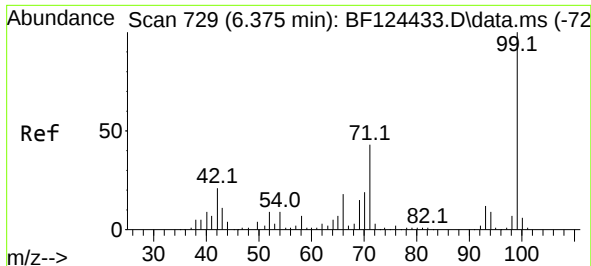
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#5
2-Fluorophenol
Concen: 103.98 ng
RT: 5.298 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48

Tgt Ion:112 Resp: 219160
Ion Ratio Lower Upper
112 100
64 67.5 61.4 92.0
63 36.9 33.0 49.4





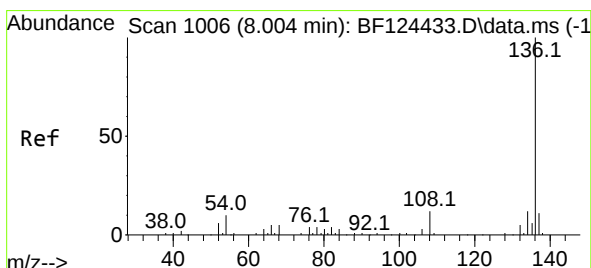
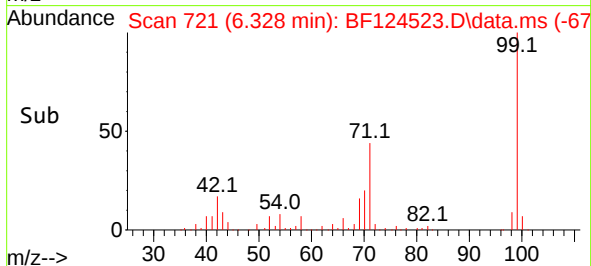
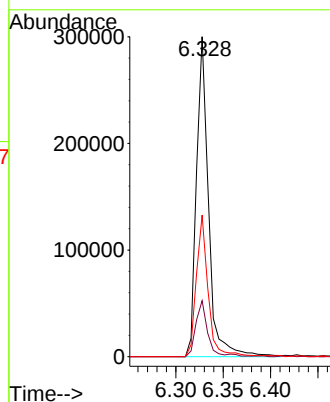
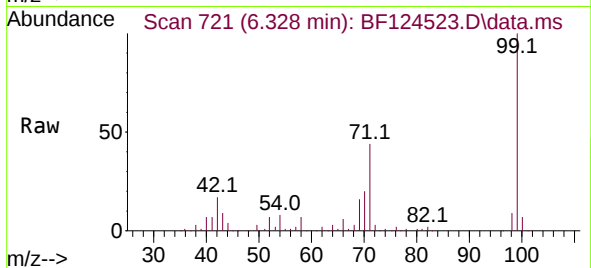
#7
Phenol-d6
Concen: 97.27 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48

Tgt Ion: 99 Resp: 267699
Ion Ratio Lower Upper
99 100
42 17.5 19.8 29.8#
71 44.2 31.1 46.7

Instrument :
BNA_F
ClientSampled :
COMP-1

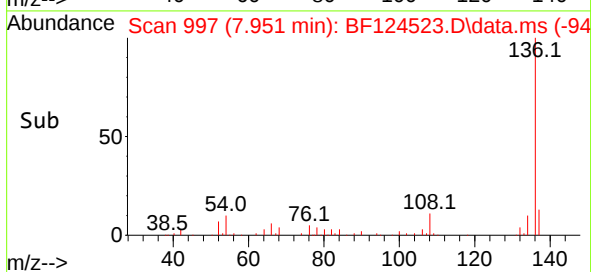
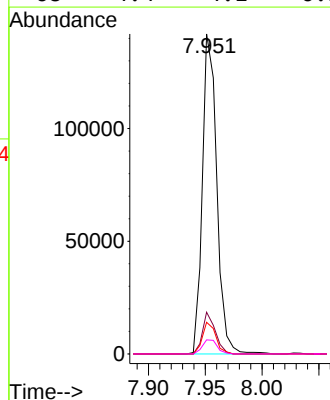
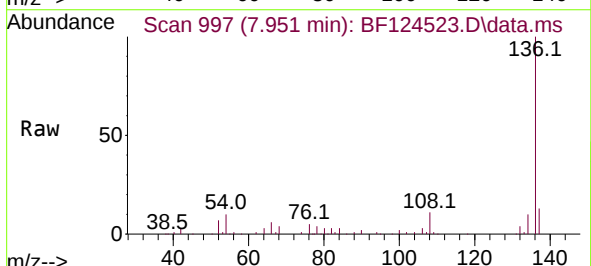
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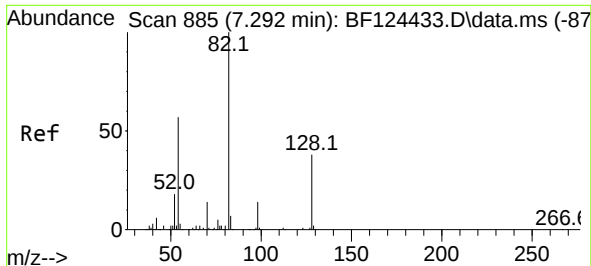
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48

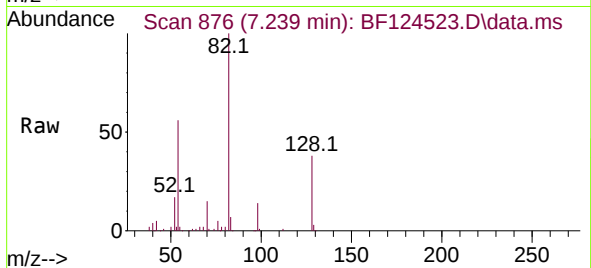
Tgt Ion: 136 Resp: 124882
Ion Ratio Lower Upper
136 100
137 13.1 8.7 13.1
54 9.9 9.8 14.6
68 4.4 4.1 6.1





#23
Nitrobenzene-d5
Concen: 67.05 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48

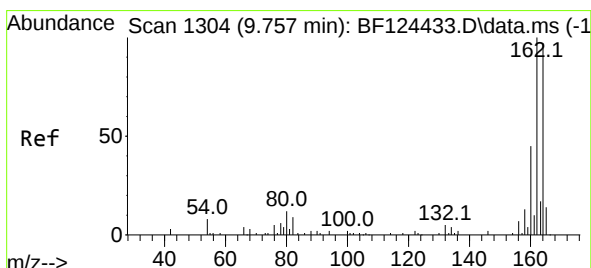
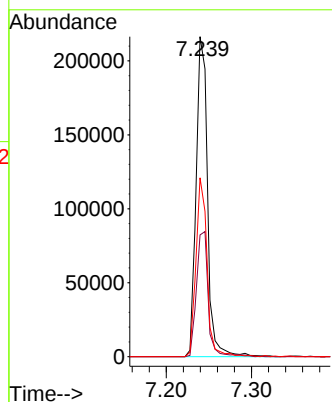
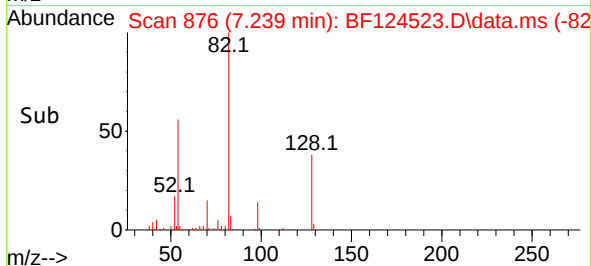
Instrument :
BNA_F
ClientSampleId :
COMP-1



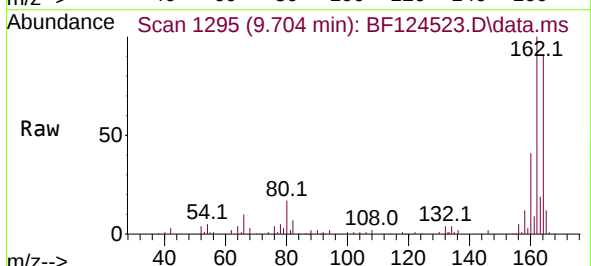
Tgt Ion: 82 Resp: 201963
Ion Ratio Lower Upper
82 100
128 38.1 29.4 44.2
54 55.9 54.1 81.1

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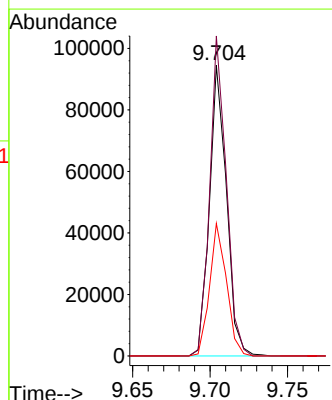
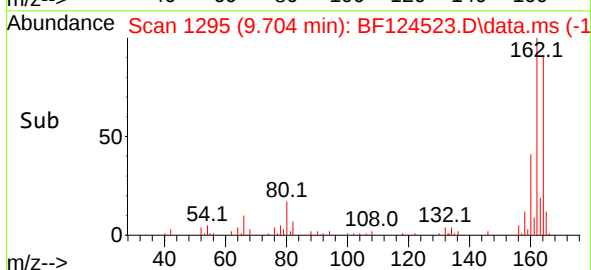
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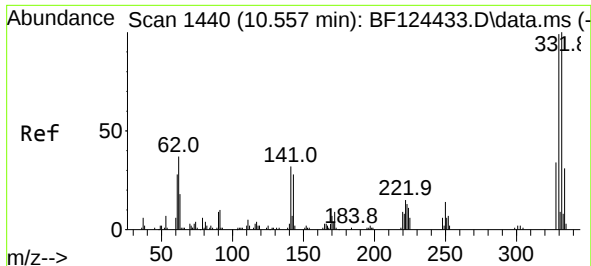


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48

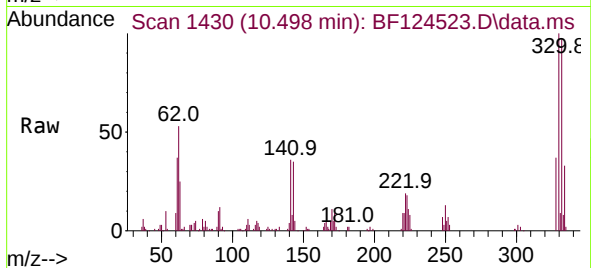


Tgt Ion: 164 Resp: 72349
Ion Ratio Lower Upper
164 100
162 110.1 80.7 121.1
160 45.6 37.3 55.9

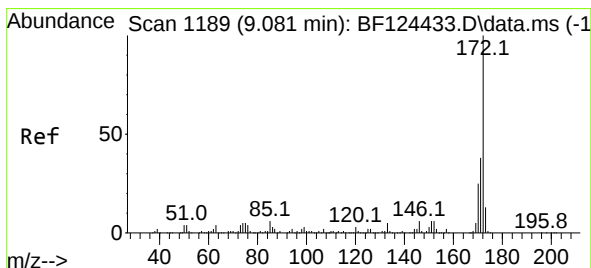
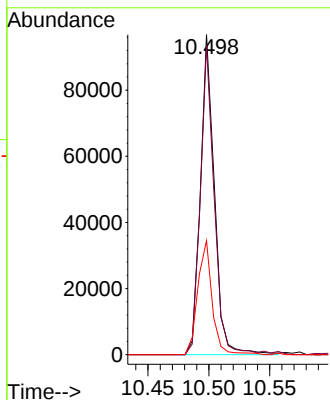
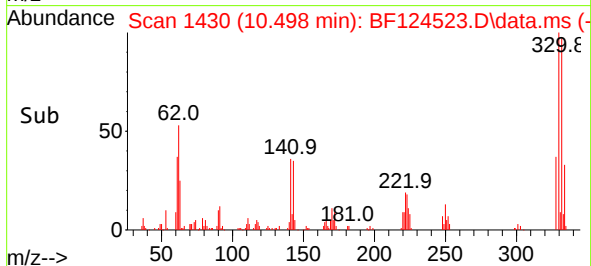




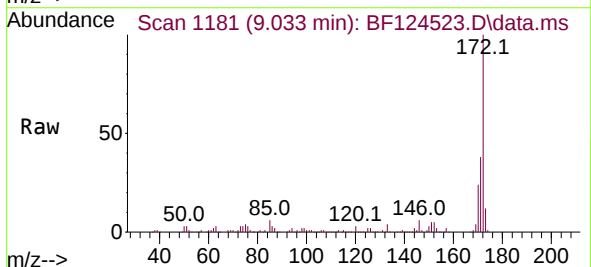
#42
2,4,6-Tribromophenol
Concen: 89.70 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48



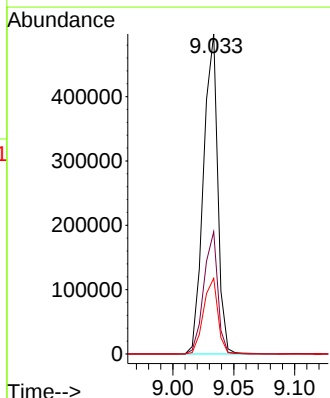
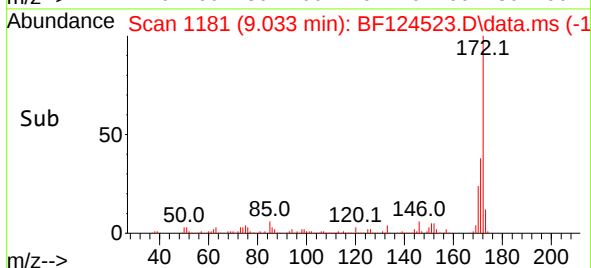
Tgt Ion: 330 Resp: 77532
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 36.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 68.63 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48



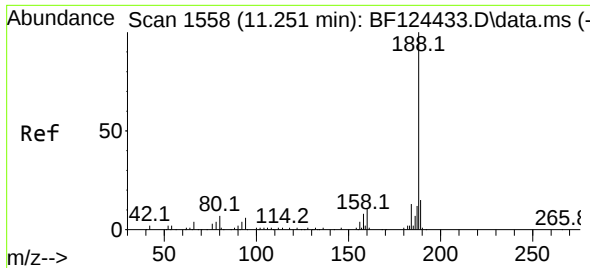
Tgt Ion: 172 Resp: 405326
Ion Ratio Lower Upper
172 100
171 38.2 28.1 42.1
170 23.7 19.2 28.8



Instrument :
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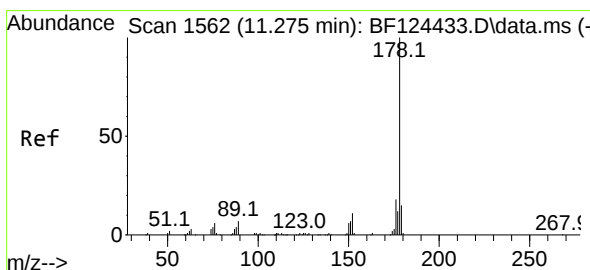
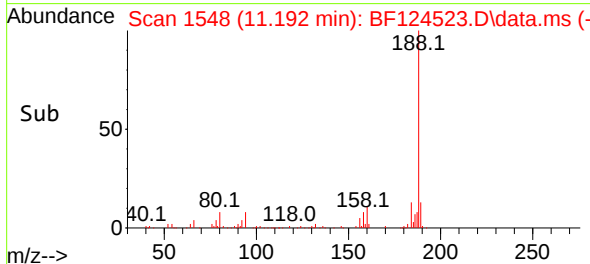
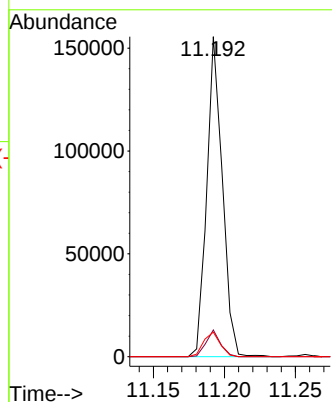
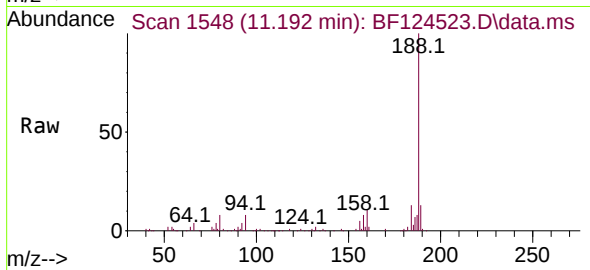
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.192 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:188 Resp: 119319
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 7.6 8.2 12.2#

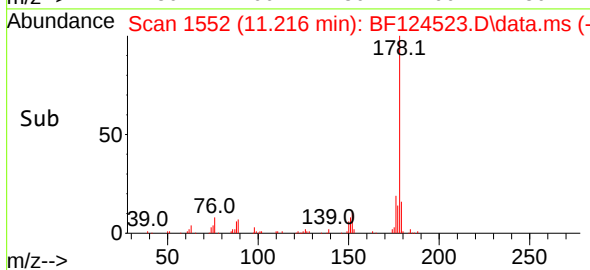
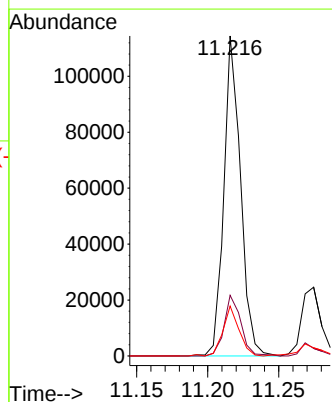
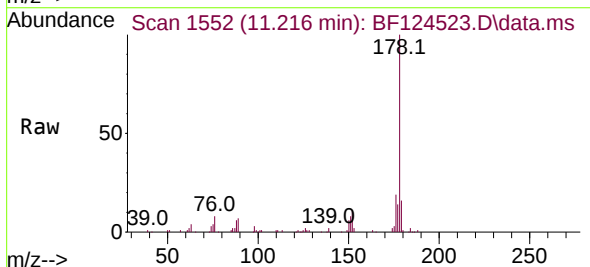
Manual Integrations
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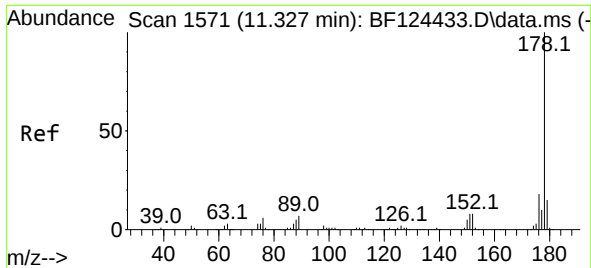
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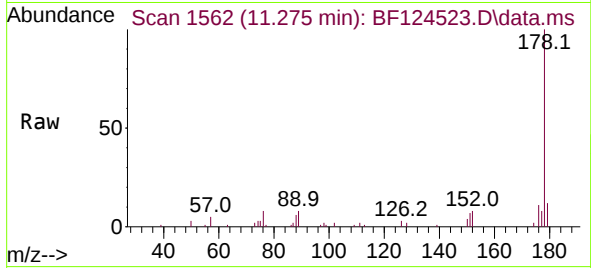
#71
Phenanthrene
Concen: 12.42 ng
RT: 11.216 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48

Tgt Ion:178 Resp: 93411
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.6 12.5 18.7

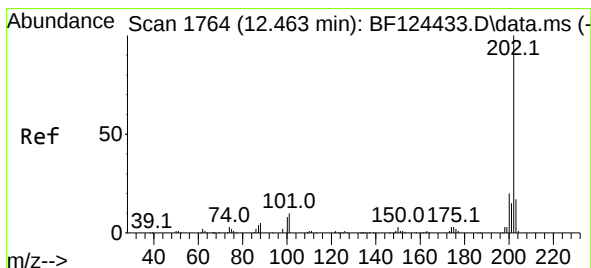
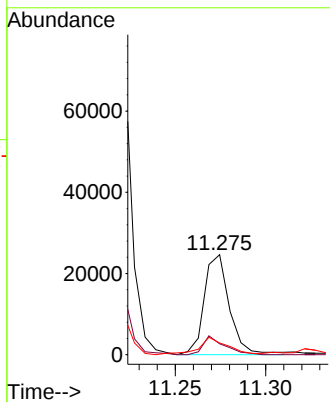
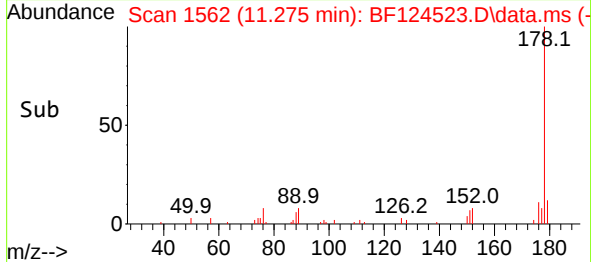




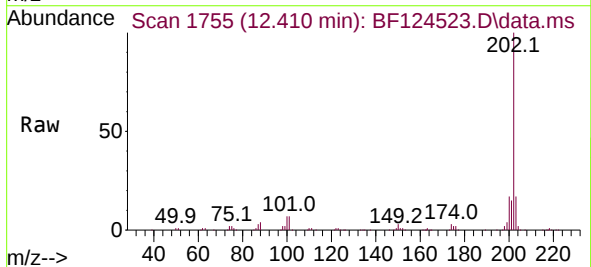
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 Anthracene
 Concen: 3.20 ng m
 RT: 11.275 min Scan# 1562
 Delta R.T. 0.000 min
 Lab File: BF124523.D
 Acq: 2 Jul 2021 17:48



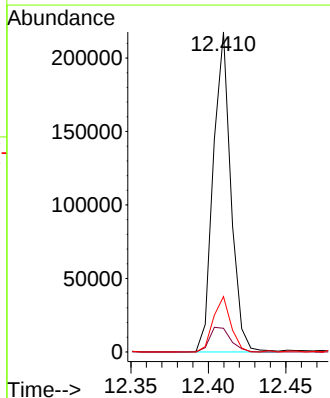
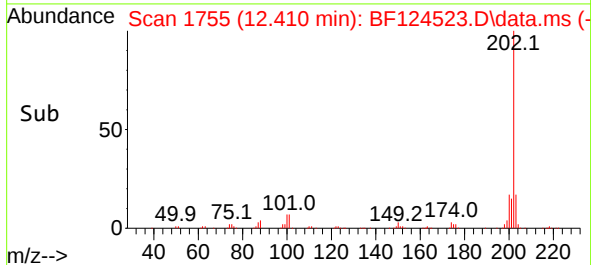
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 Ion Ratio Lower Upper
 178 100
 176 10.9 15.4 23.0#
 179 11.8 12.6 18.8#



#75
 Fluoranthene
 Concen: 22.76 ng
 RT: 12.410 min Scan# 1755
 Delta R.T. -0.000 min
 Lab File: BF124523.D
 Acq: 2 Jul 2021 17:48



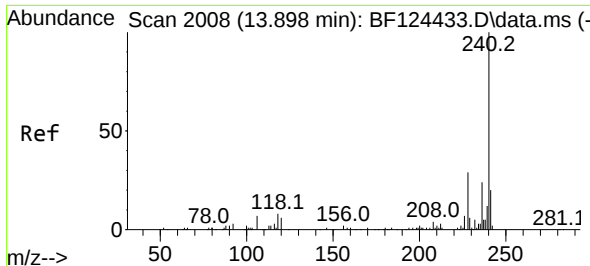
Tgt Ion:202 Resp: 172298
 Ion Ratio Lower Upper
 202 100
 101 7.4 0.0 30.9
 203 17.3 0.0 37.5



Instrument :
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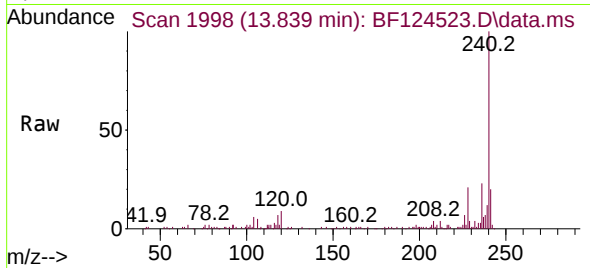
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48

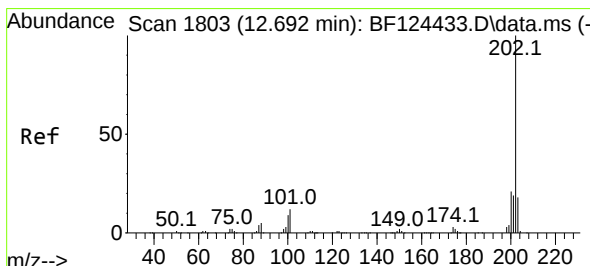
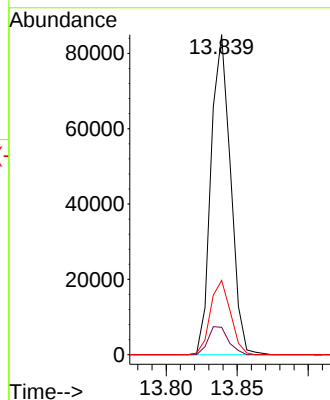
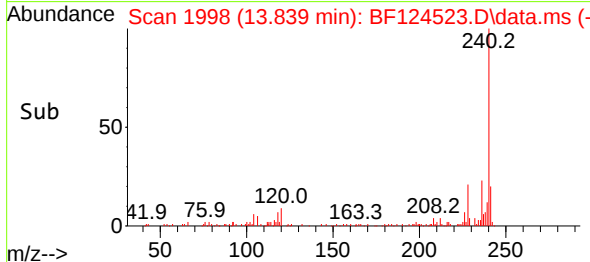
Instrument :
BNA_F
ClientSampled :
COMP-1



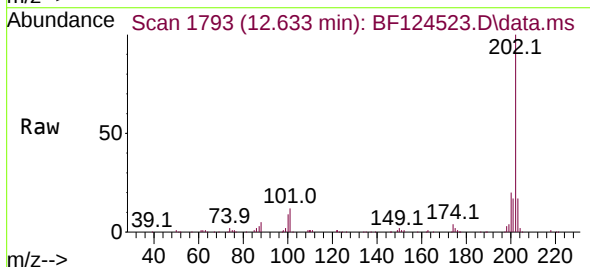
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Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 23.2 19.0 28.4

Manual Integrations
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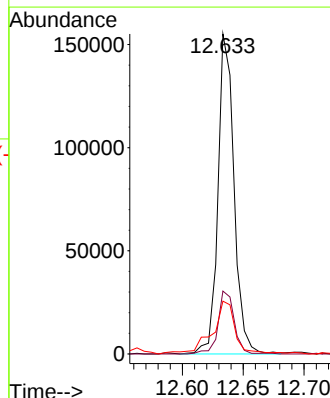
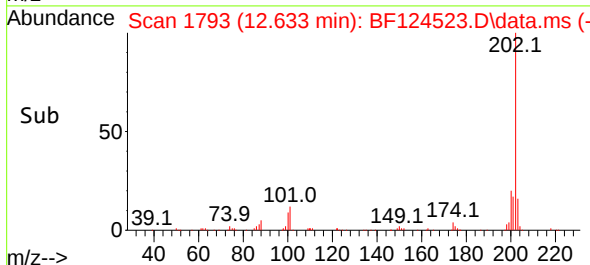
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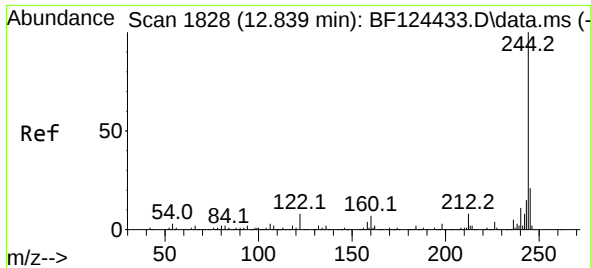


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Pyrene
Concen: 19.27 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48

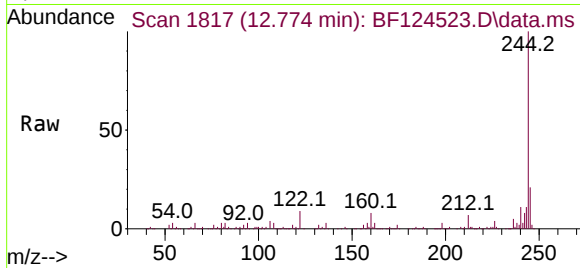


Tgt Ion:202 Resp: 142920
Ion Ratio Lower Upper
202 100
200 19.6 16.1 24.1
203 16.5 14.8 22.2

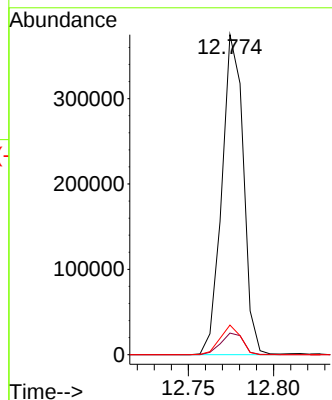
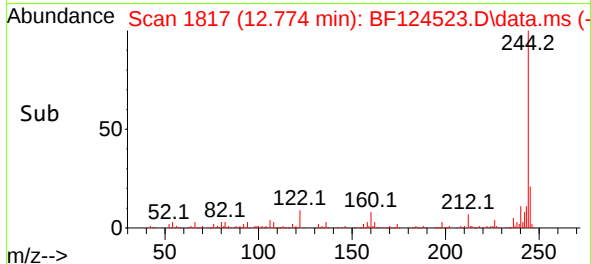




#79
Terphenyl-d14
Concen: 60.65 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48



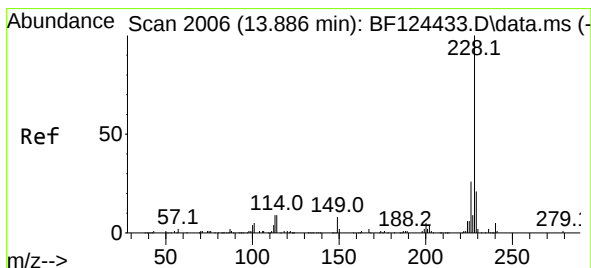
Tgt Ion:244 Resp: 328902
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.2 9.7 14.5#



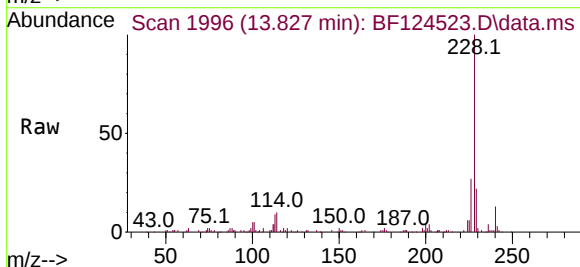
Instrument :
BNA_F
ClientSampled :
COMP-1

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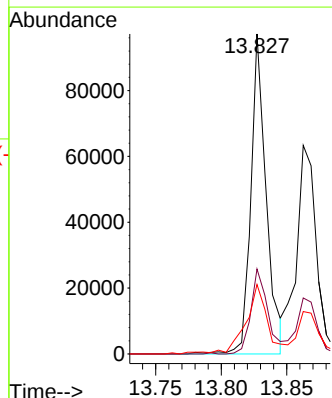
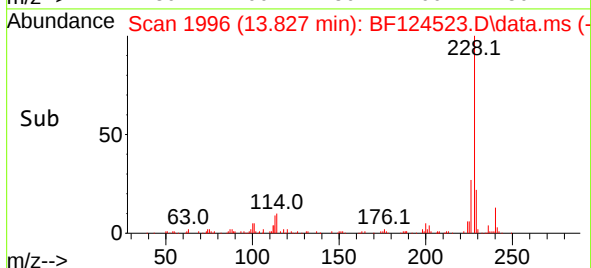
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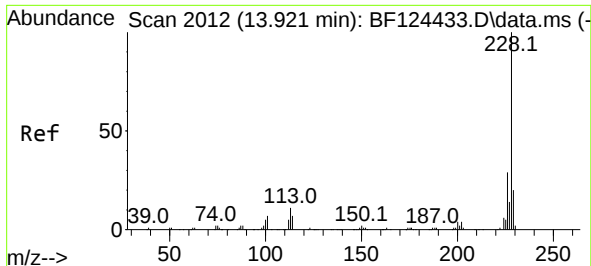


#81
Benzo(a)anthracene
Concen: 13.51 ng
RT: 13.827 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48

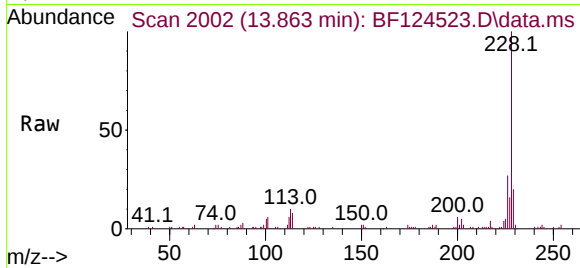


Tgt Ion:228 Resp: 79138
Ion Ratio Lower Upper
228 100
226 26.5 22.4 33.6
229 21.7 16.0 24.0

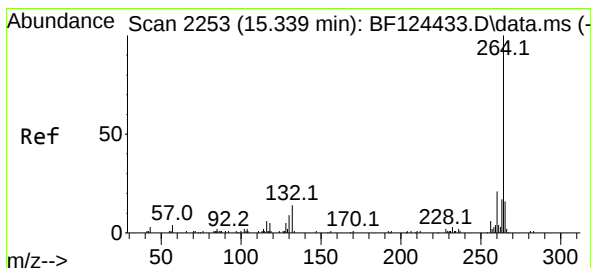
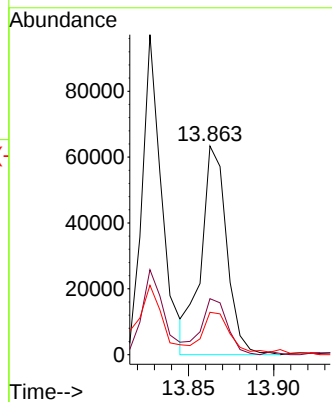
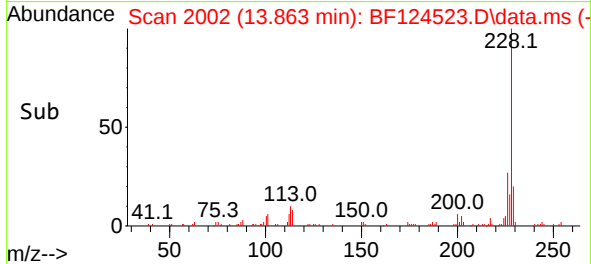




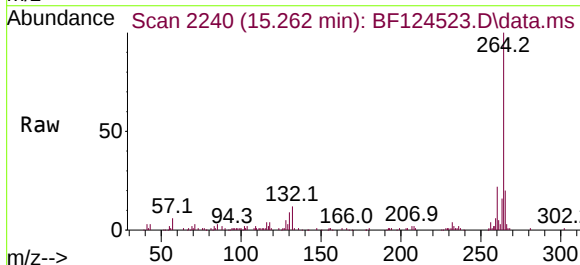
#83
Chrysene
Concen: 11.44 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48



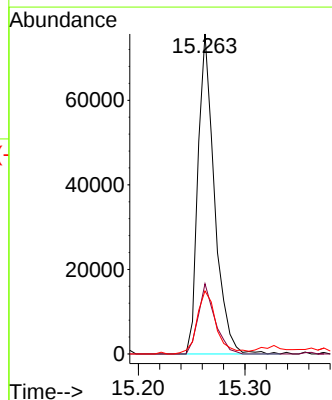
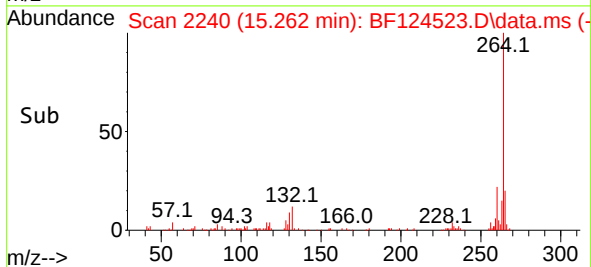
Tgt Ion:228 Resp: 66399
Ion Ratio Lower Upper
228 100
226 26.8 24.3 36.5
229 20.3 16.2 24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48



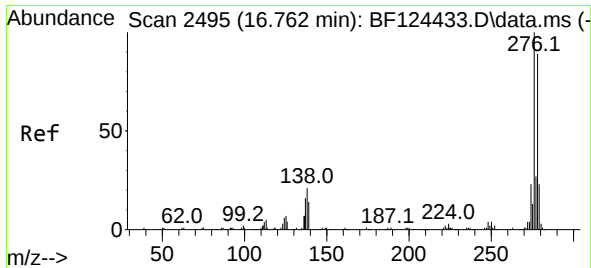
Tgt Ion:264 Resp: 81502
Ion Ratio Lower Upper
264 100
260 21.9 18.7 28.1
265 19.7 17.8 26.8



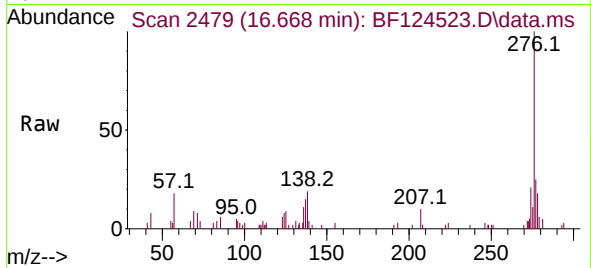
Instrument :
BNA_F
ClientSampleId :
COMP-1

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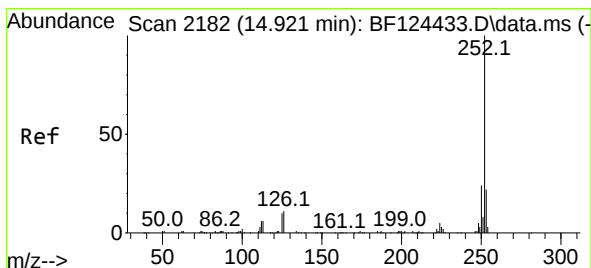
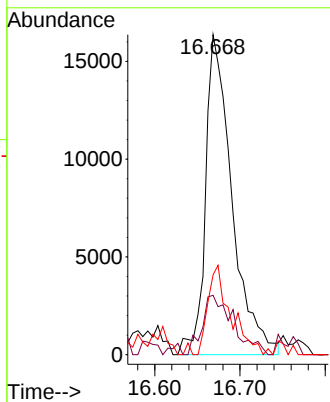
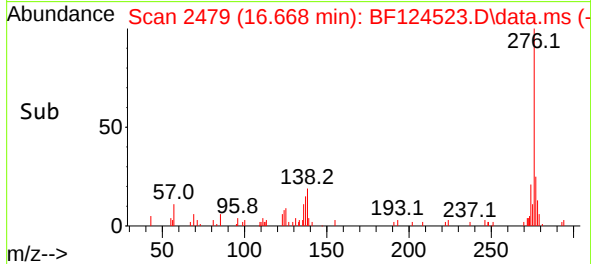
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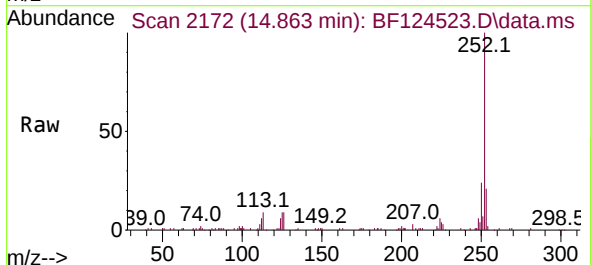
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.49 ng
RT: 16.668 min Scan# 2479
Delta R.T. 0.018 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48



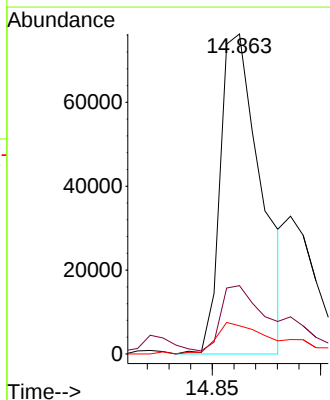
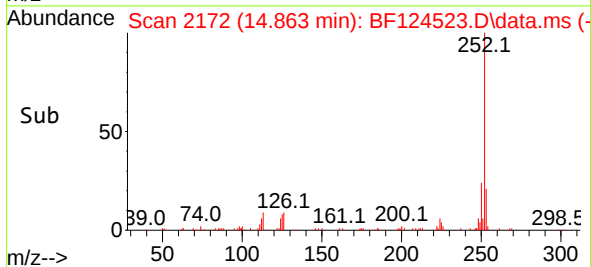
Tgt Ion:276 Resp: 35300
Ion Ratio Lower Upper
276 100
138 22.0 16.2 24.2
277 23.8 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 16.14 ng m
RT: 14.863 min Scan# 2172
Delta R.T. 0.006 min
Lab File: BF124523.D
Acq: 2 Jul 2021 17:48



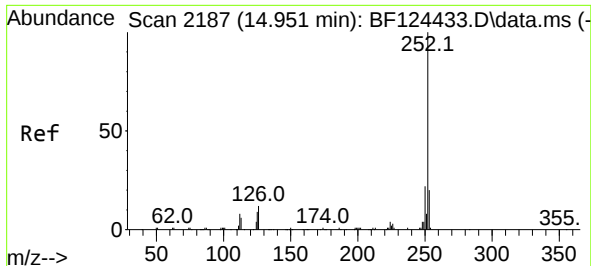
Tgt Ion:252 Resp: 99692
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 8.8 6.2 9.4



Instrument :
BNA_F
ClientSampled :
COMP-1

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#89

Benzo(k)fluoranthene

Concen: 5.77 ng m

RT: 14.886 min Scan# 2176

Delta R.T. 0.000 min

Lab File: BF124523.D

Acq: 2 Jul 2021 17:48

Tgt Ion:252 Resp: 32612
 Ion Ratio Lower Upper
 252 100
 253 27.0 17.9 26.9#
 125 6.1 7.0 10.6#

Instrument :

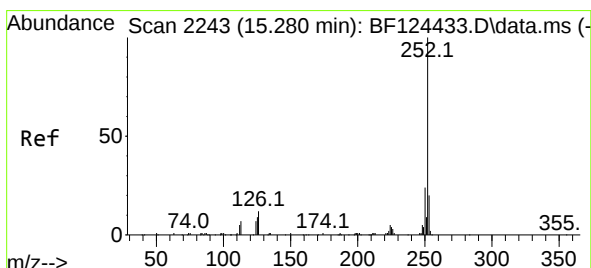
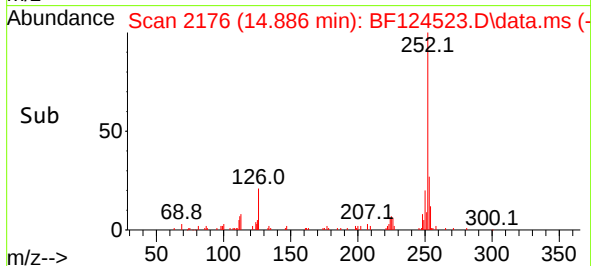
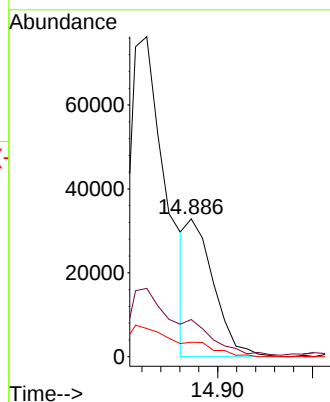
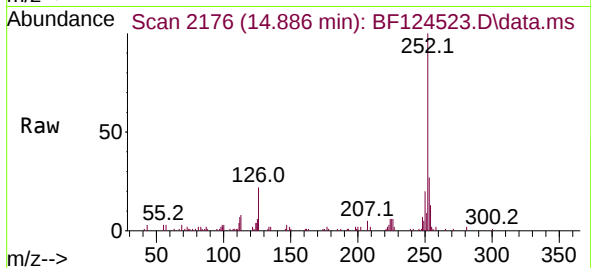
BNA_F

ClientSampleId :

COMP-1

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#90

Benzo(a)pyrene

Concen: 12.31 ng

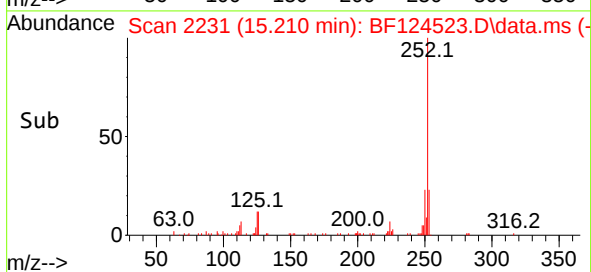
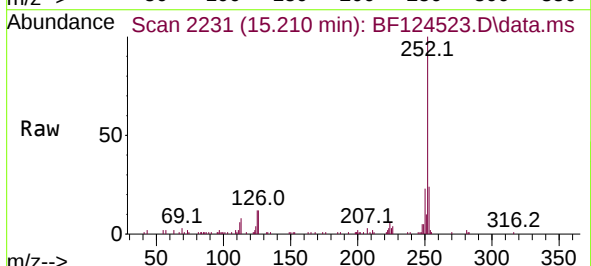
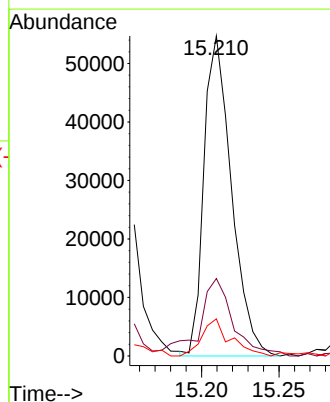
RT: 15.210 min Scan# 2231

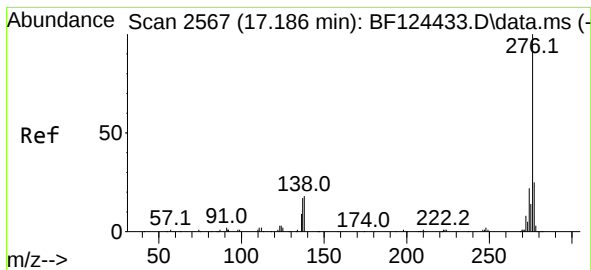
Delta R.T. 0.006 min

Lab File: BF124523.D

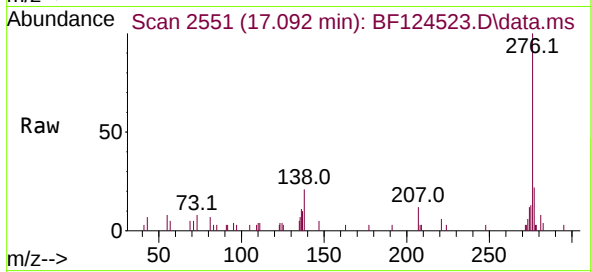
Acq: 2 Jul 2021 17:48

Tgt Ion:252 Resp: 67555
 Ion Ratio Lower Upper
 252 100
 253 24.2 18.4 27.6
 125 11.6 8.0 12.0

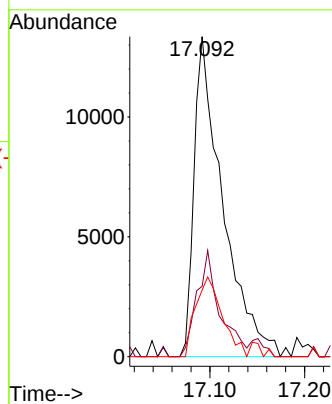
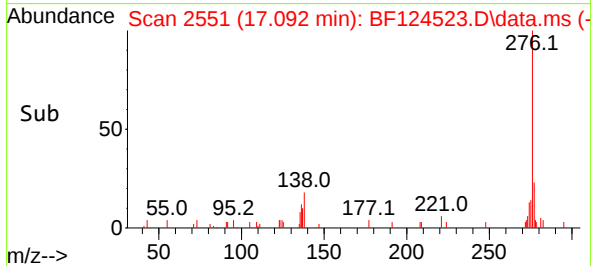




#92
 Benzo(g,h,i)perylene
 Concen: 5.16 ng
 RT: 17.092 min Scan# 2551
 Delta R.T. 0.024 min
 Lab File: BF124523.D
 Acq: 2 Jul 2021 17:48



Tgt Ion: 276 Resp: 28086
 Ion Ratio Lower Upper
 276 100
 277 22.0 18.2 27.2
 138 20.8 13.8 20.6#



Instrument :
 BNA_F
 ClientSampled :
 COMP-1

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