

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111320\
 Data File : BF122333.D
 Acq On : 13 Nov 2020 17:13
 Operator : JU/CG
 Sample : L4725-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-34

Manual Integrations
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Quant Time: Nov 13 17:39:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	217983	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	839394	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	454219	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	843903	20.00	ng	0.00
76) Chrysene-d12	14.027	240	767456	20.00	ng	0.00
86) Perylene-d12	15.498	264	735598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1315000	92.63	ng	0.00
7) Phenol-d6	6.481	99	1650383	88.87	ng	-0.01
23) Nitrobenzene-d5	7.422	82	1019315	74.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	430808	88.37	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1533088	52.74	ng	0.00
79) Terphenyl-d14	12.974	244	1601301	44.20	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.616	163	456423	14.14	ng	100
71) Phenanthrene	11.410	178	199477	4.17	ng	98
75) Fluoranthene	12.598	202	375078	7.50	ng	98
78) Pyrene	12.827	202	351667	6.52	ng	99
81) Benzo(a)anthracene	14.016	228	166936	3.50	ng	96
83) Chrysene	14.051	228	186021m	3.87	ng	
87) Indeno(1,2,3-cd)pyrene	16.945	276	90635	2.05	ng	96
88) Benzo(b)fluoranthene	15.063	252	211577m	4.44	ng	
90) Benzo(a)pyrene	15.427	252	136821	3.29	ng	99
92) Benzo(g,h,i)perylene	17.386	276	85434	2.38	ng	95

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

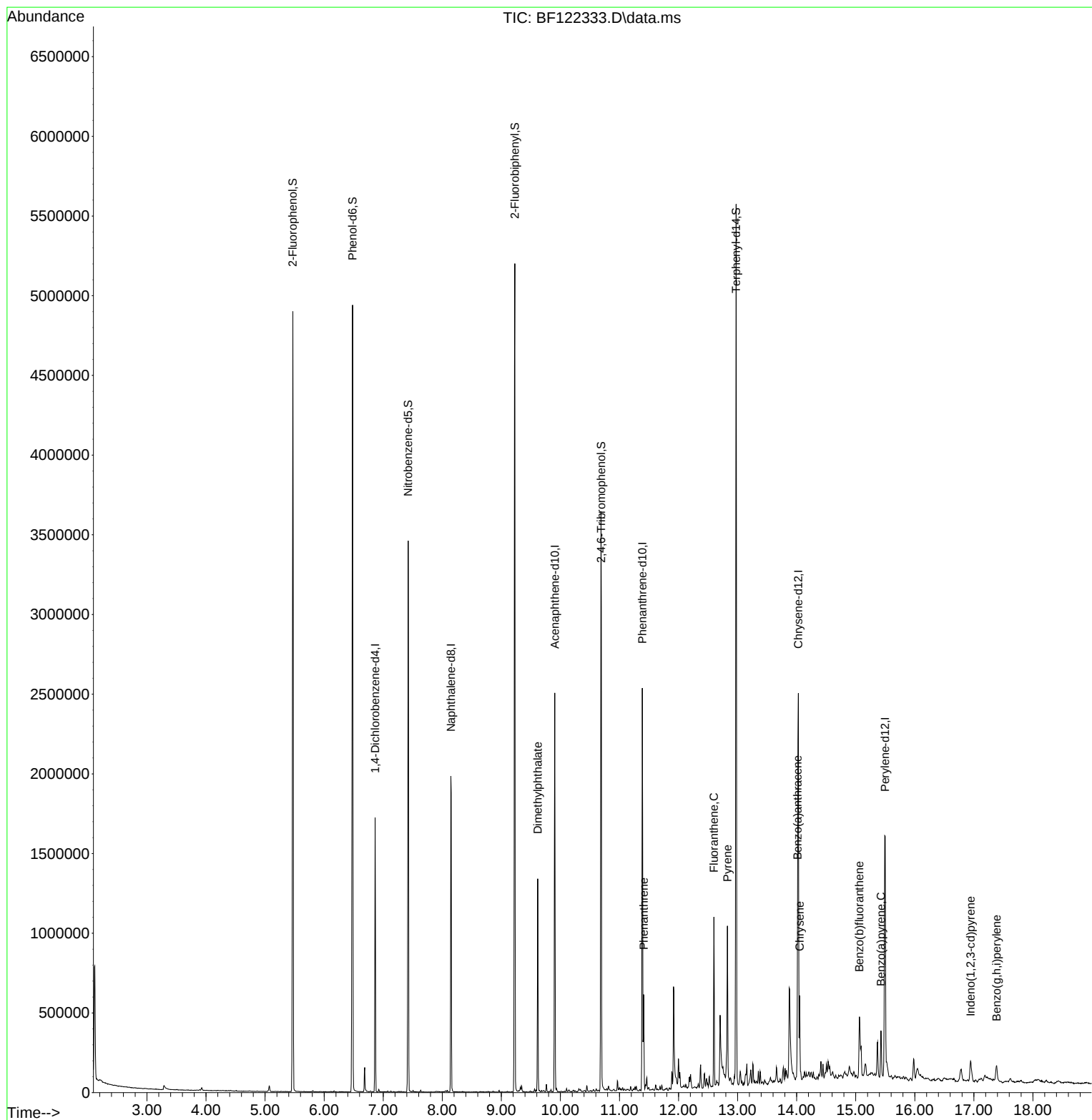
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Data File : BF122333.D
Acq On : 13 Nov 2020 17:13
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

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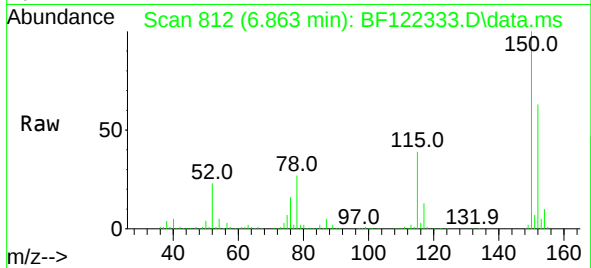
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Quant Time: Nov 13 17:39:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration

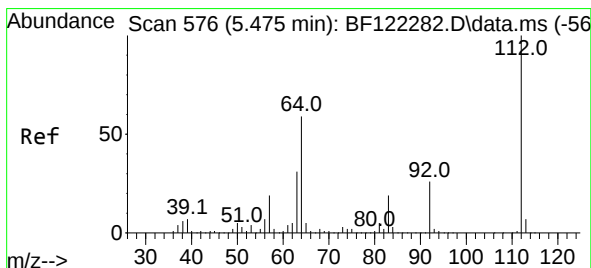
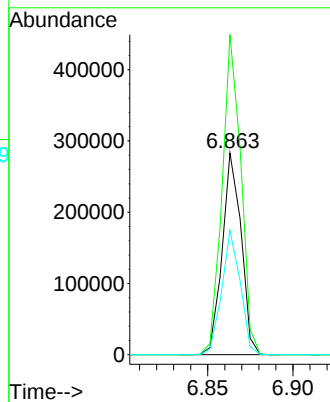
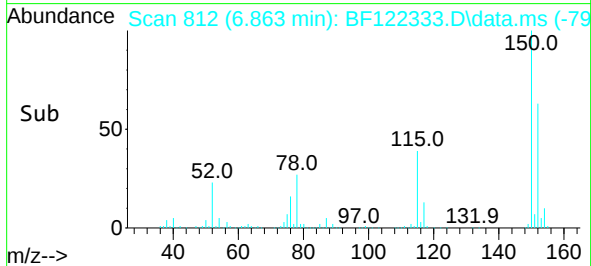




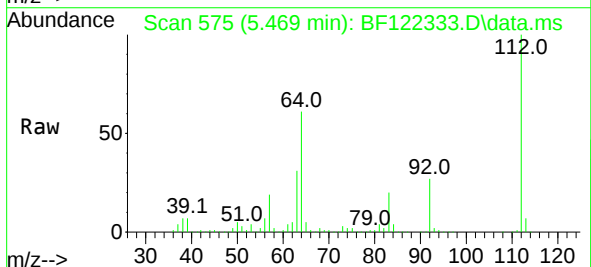
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13



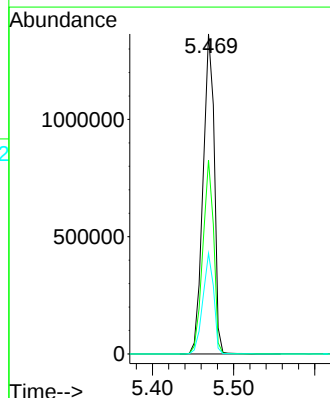
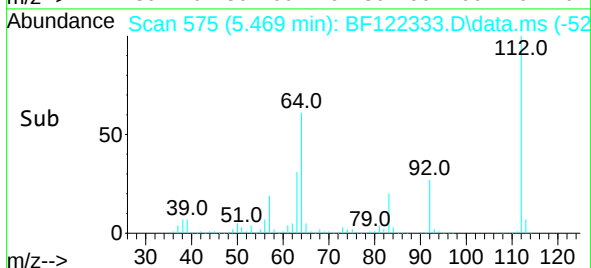
Tgt Ion:152 Resp: 217983
Ion Ratio Lower Upper
152 100
150 158.7 125.3 187.9
115 61.6 51.9 77.9



#5
2-Fluorophenol
Concen: 92.63 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13



Tgt Ion:112 Resp: 1315000
Ion Ratio Lower Upper
112 100
64 60.6 50.4 75.6
63 31.5 25.8 38.6



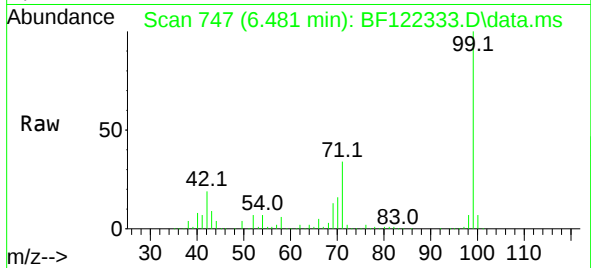
Instrument :
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ClientSampleId :
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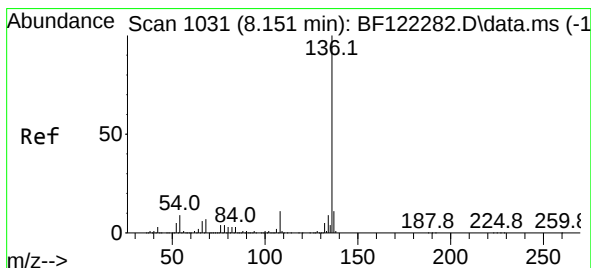
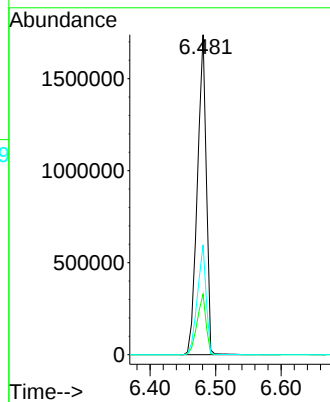
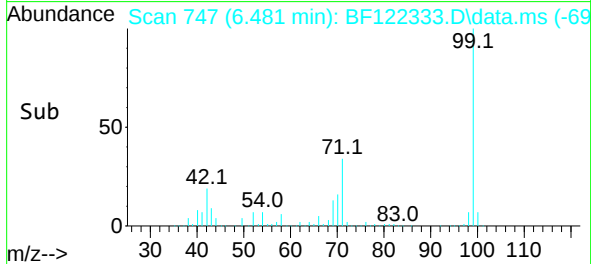


#7
Phenol-d6
Concen: 88.87 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.011 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13

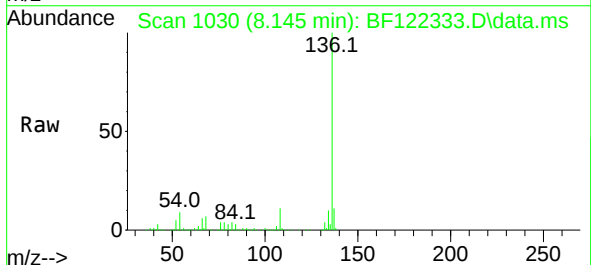


Tgt Ion: 99 Resp: 1650383

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.9	23.9
71	34.3	27.1	40.7

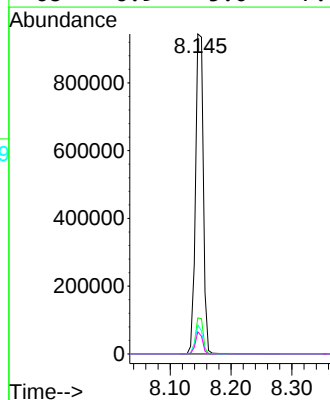
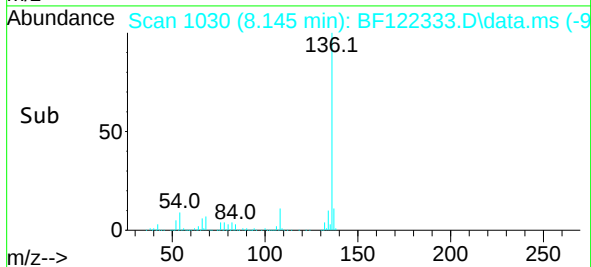


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13



Tgt Ion: 136 Resp: 839394

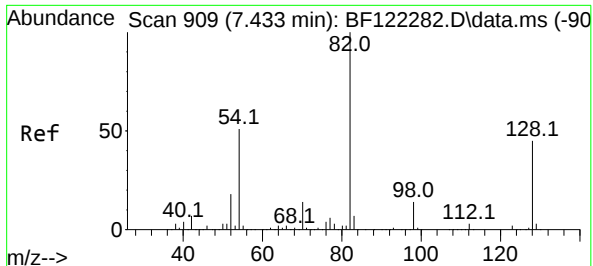
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.1	7.1	10.7
68	6.9	5.0	7.4



Instrument :
BNA_F
ClientSampleId :
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#23

Nitrobenzene-d5

Concen: 74.34 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.011 min

Lab File: BF122333.D

Acq: 13 Nov 2020 17:13

Tgt Ion: 82 Resp: 1019315

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.0	52.4
54	50.5	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

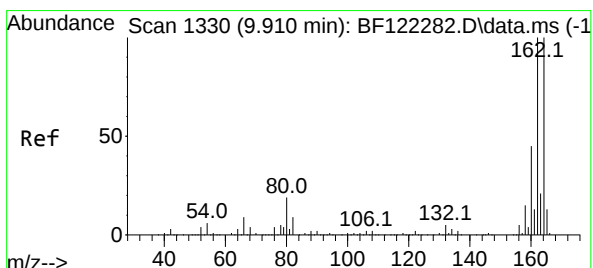
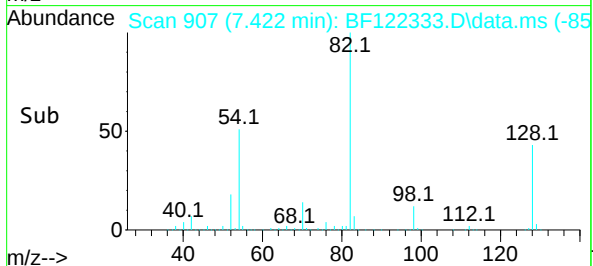
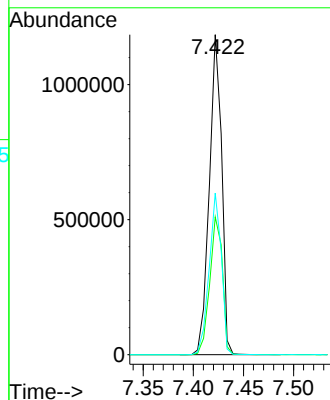
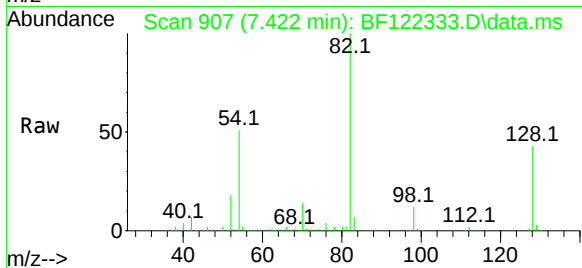
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

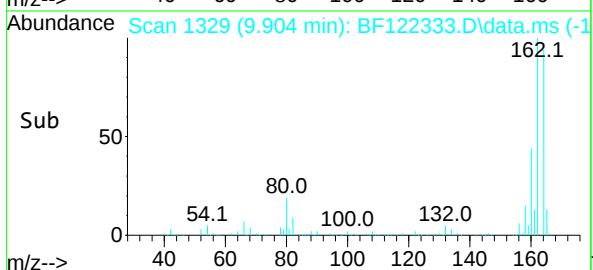
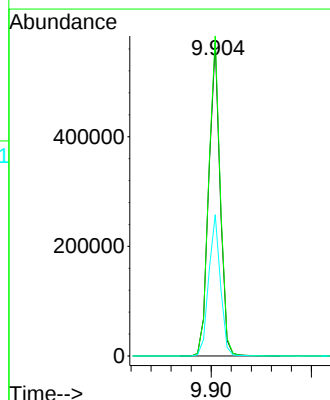
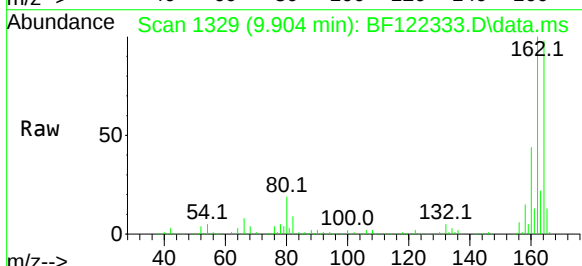
Delta R.T. -0.006 min

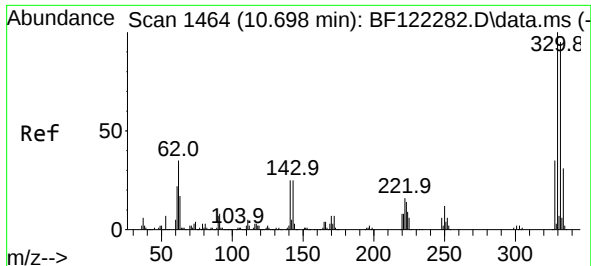
Lab File: BF122333.D

Acq: 13 Nov 2020 17:13

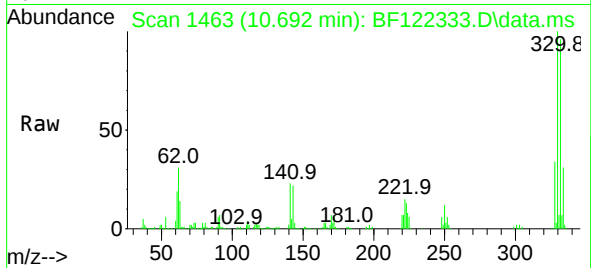
Tgt Ion:164 Resp: 454219

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.2	124.8
160	45.1	37.5	56.3

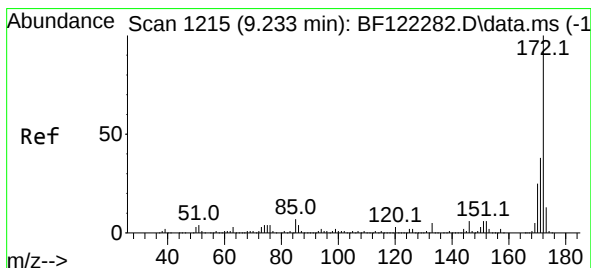
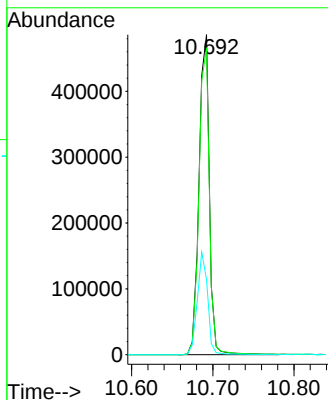
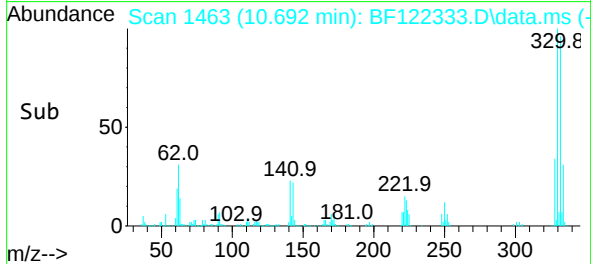




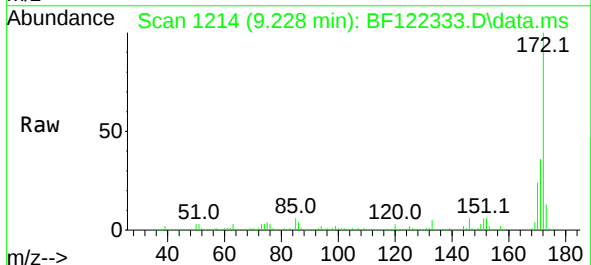
#42
2,4,6-Tribromophenol
Concen: 88.37 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.005 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13



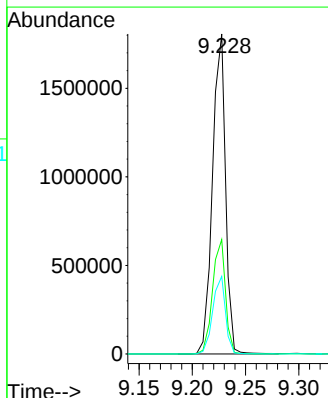
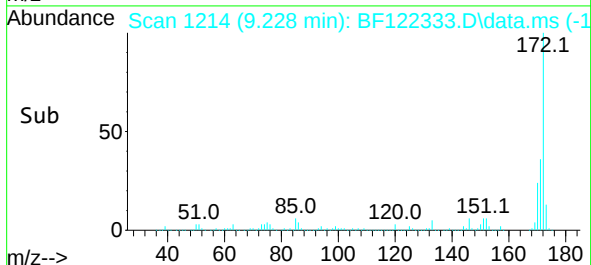
Tgt Ion: 330 Resp: 430808
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 32.3 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 52.74 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13



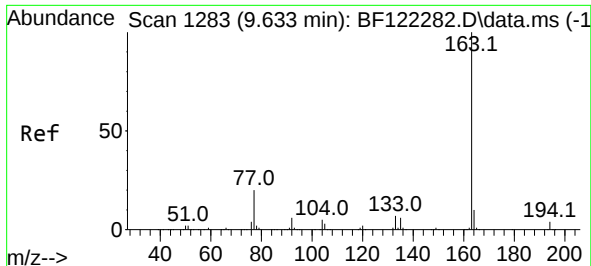
Tgt Ion: 172 Resp: 1533088
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 24.3 19.8 29.6



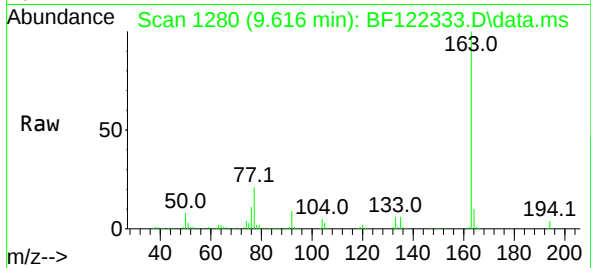
Instrument :
BNA_F
ClientSampled :
RBR-34

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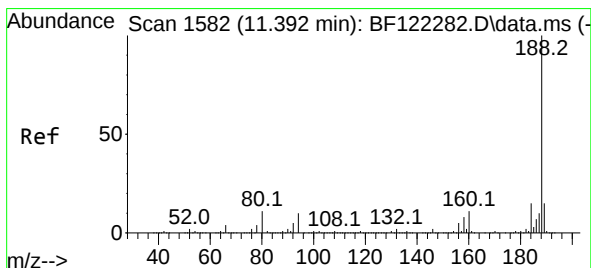
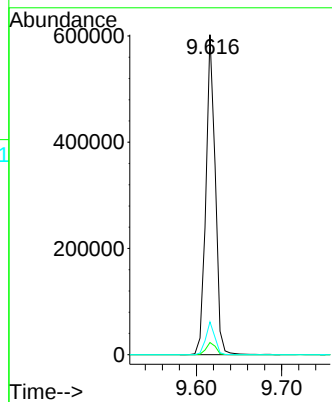
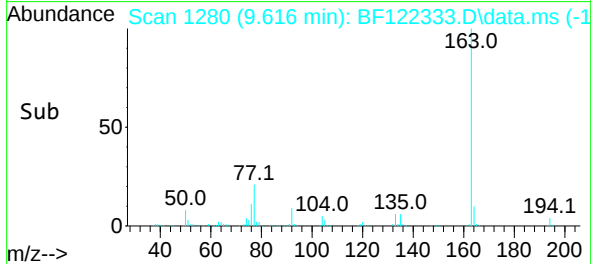
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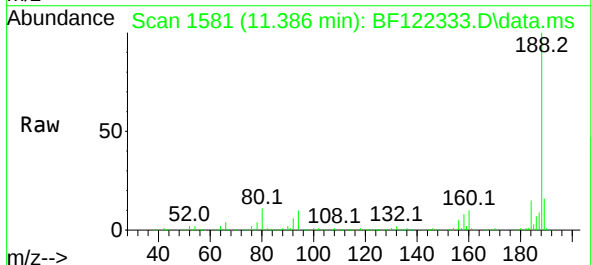
#50
Dimethylphthalate
Concen: 14.14 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13



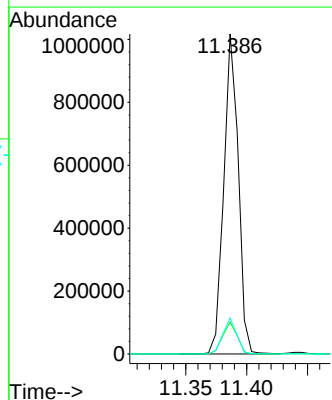
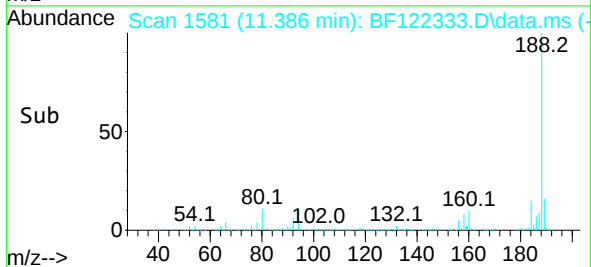
Tgt Ion:163 Resp: 456423
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.3 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13



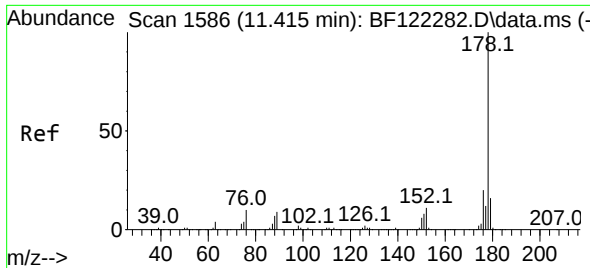
Tgt Ion:188 Resp: 843903
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 11.3 9.1 13.7



Instrument :
BNA_F
ClientSampleId :
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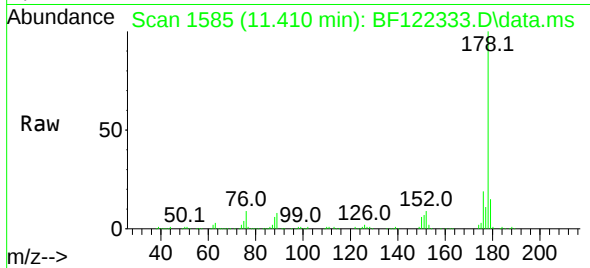
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#71
Phenanthrene
Concen: 4.17 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.005 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13

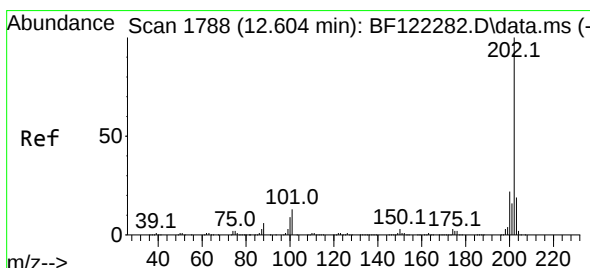
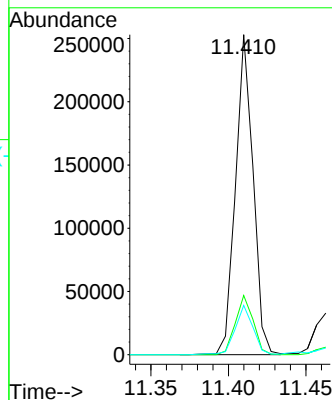
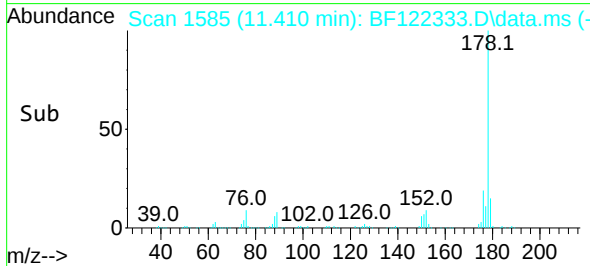
Instrument :
BNA_F
ClientSampled :
RBR-34



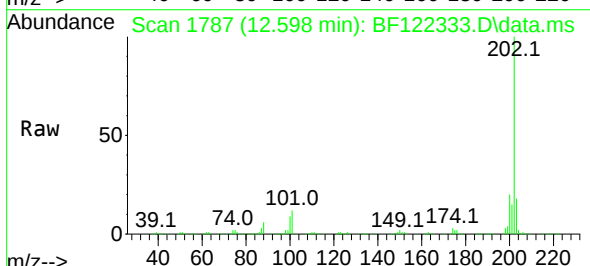
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Ion Ratio Lower Upper
178 100
176 18.5 15.9 23.9
179 15.4 12.2 18.4

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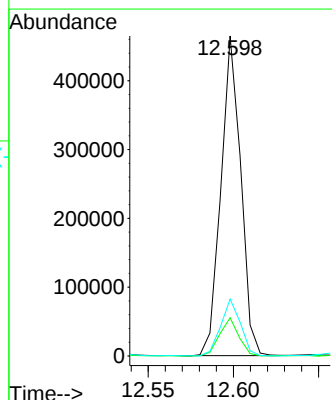
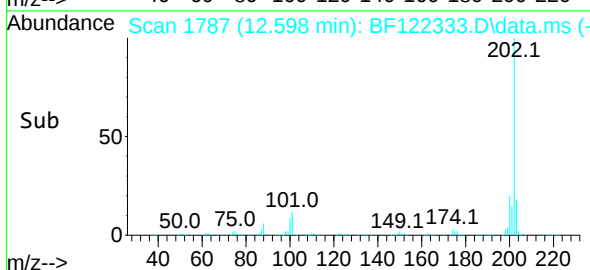
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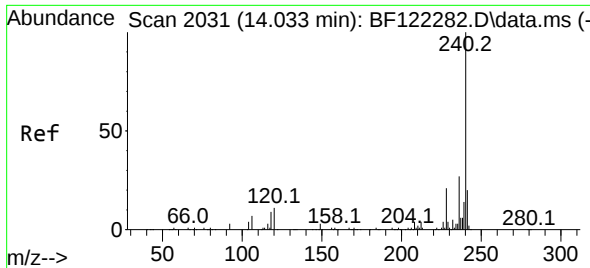


#75
Fluoranthene
Concen: 7.50 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13

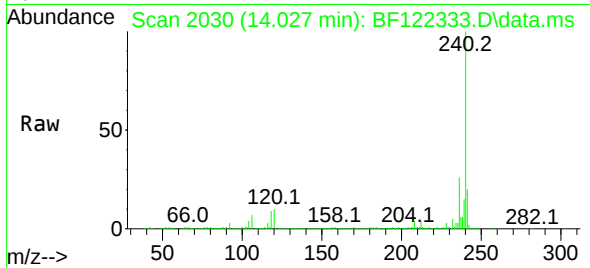


Tgt Ion:202 Resp: 375078
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.4
203 17.8 0.0 37.9

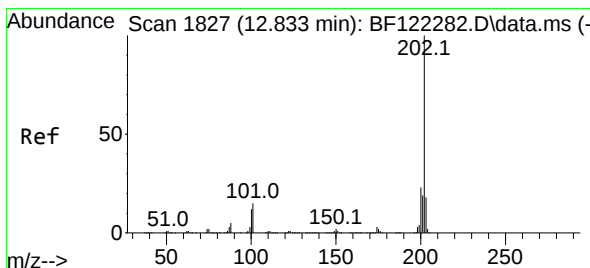
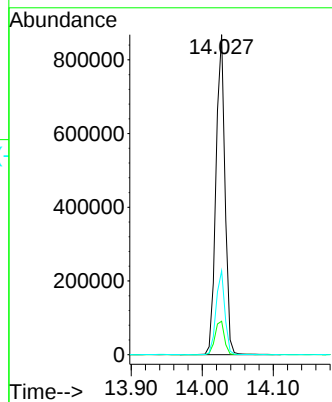
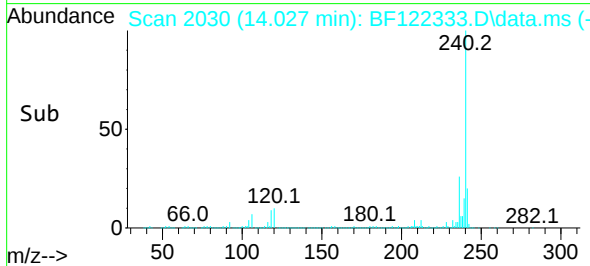




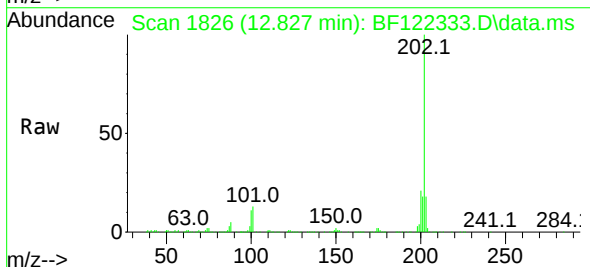
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13



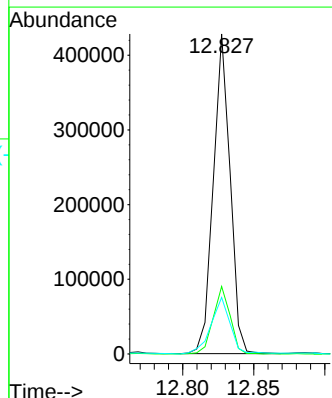
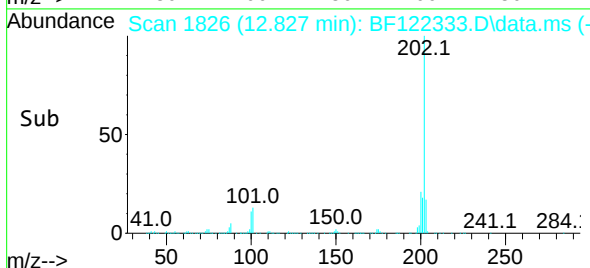
Tgt Ion:240 Resp: 767456
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 26.2 20.9 31.3



#78
Pyrene
Concen: 6.52 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.005 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13



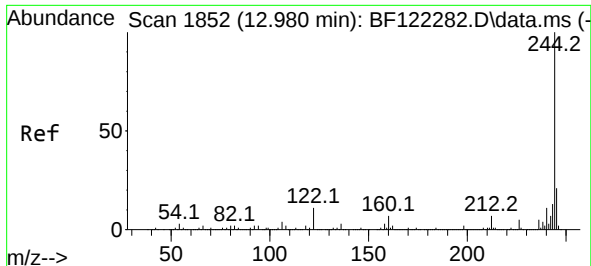
Tgt Ion:202 Resp: 351667
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.7 14.6 21.8



Instrument :
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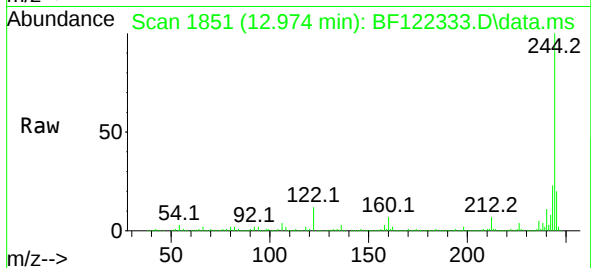
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#79
Terphenyl-d14
Concen: 44.20 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.005 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13

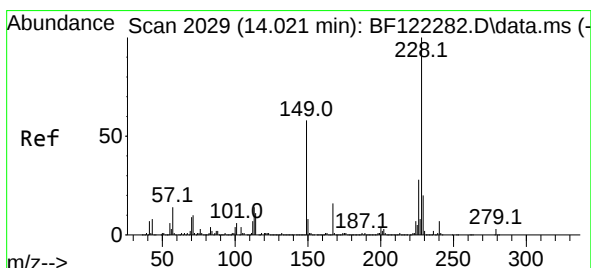
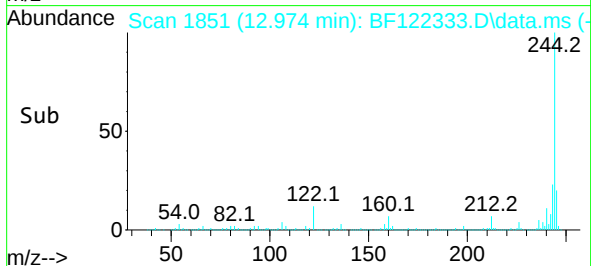
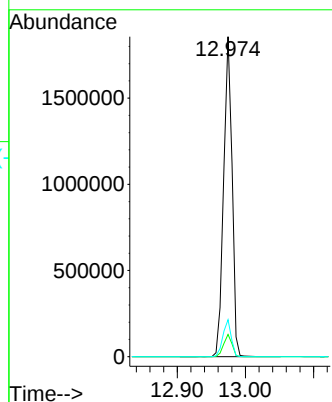
Instrument :
BNA_F
ClientSampleId :
RBR-34



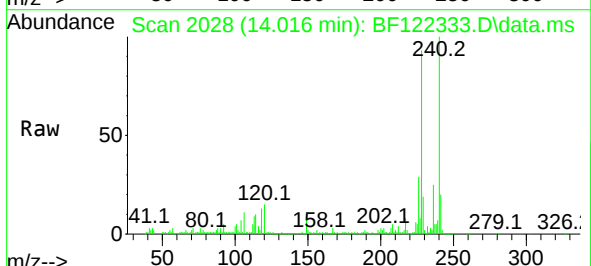
Tgt Ion:244 Resp: 1601301
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.5 8.1 12.1

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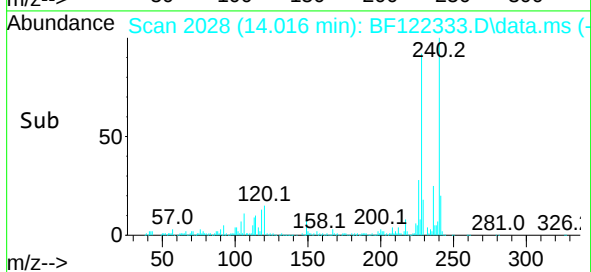
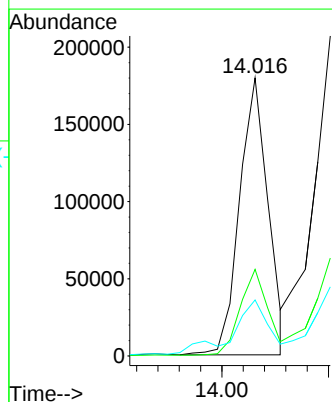
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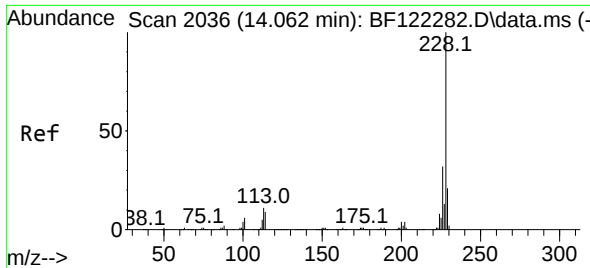


#81
Benzo(a)anthracene
Concen: 3.50 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.005 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13

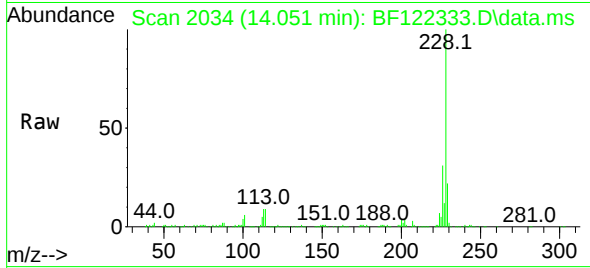


Tgt Ion:228 Resp: 166936
Ion Ratio Lower Upper
228 100
226 31.1 22.3 33.5
229 20.1 16.2 24.4

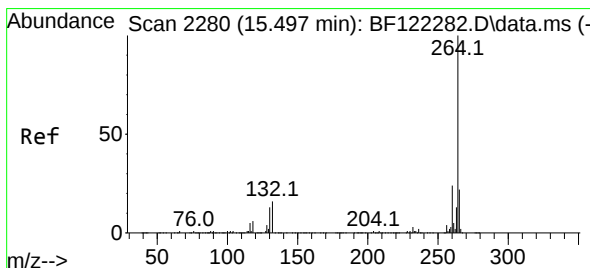
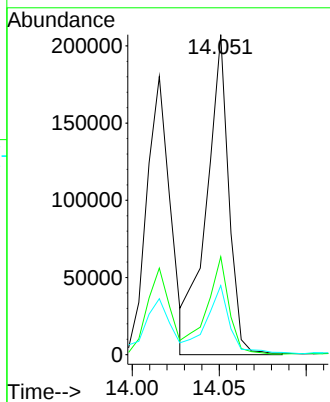
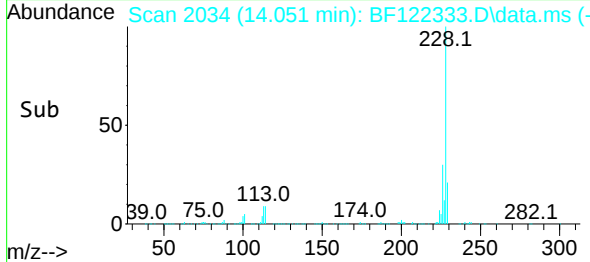




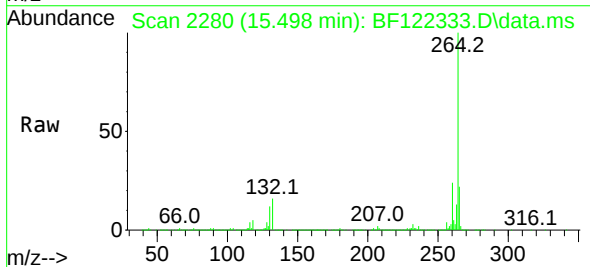
#83
Chrysene
Concen: 3.87 ng m
RT: 14.051 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13



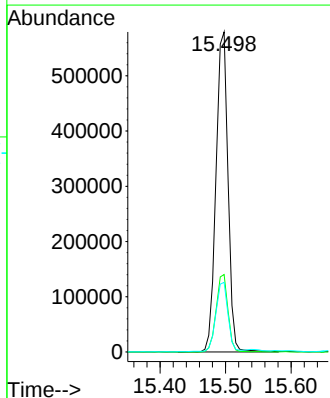
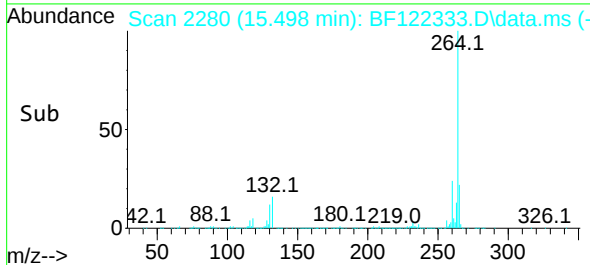
Tgt Ion:228 Resp: 186021
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 21.6 15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13



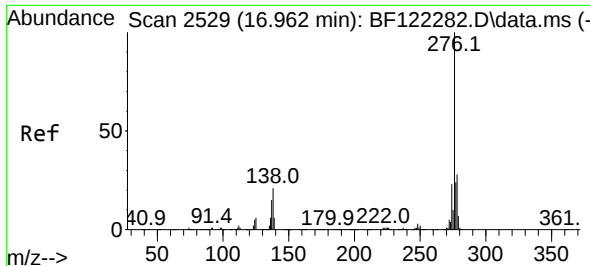
Tgt Ion:264 Resp: 735598
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.8 17.3 25.9



Instrument :
BNA_F
ClientSampleId :
RBR-34

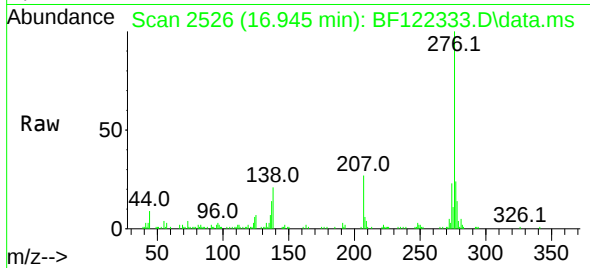
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.05 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.017 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13

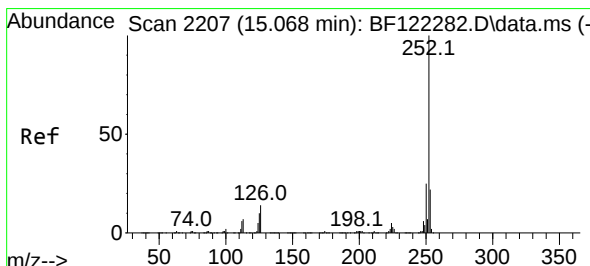
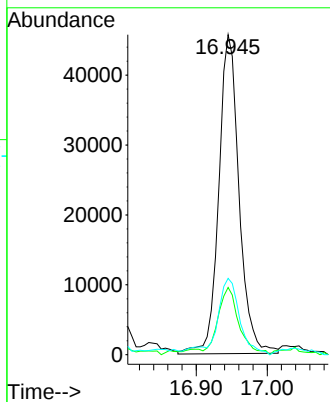
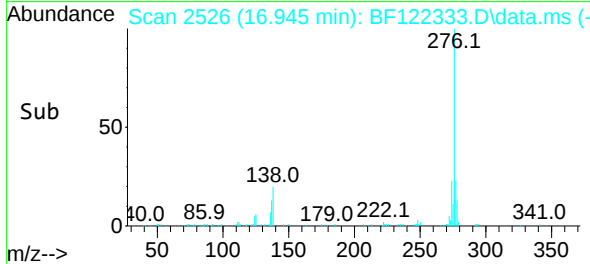
Instrument :
BNA_F
ClientSampled :
RBR-34



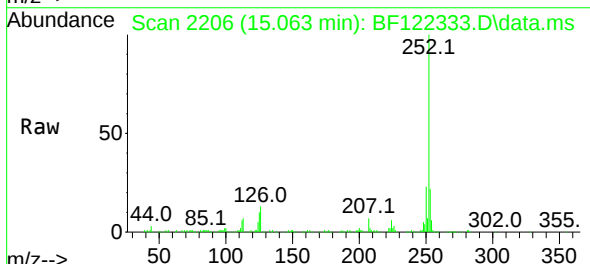
Tgt Ion:276 Resp: 90635
Ion Ratio Lower Upper
276 100
138 21.5 19.9 29.9
277 26.5 20.4 30.6

Manual Integrations
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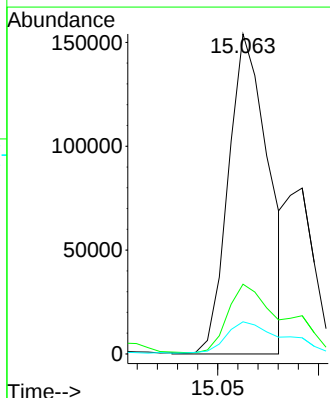
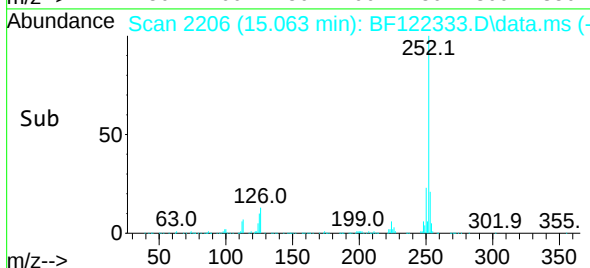
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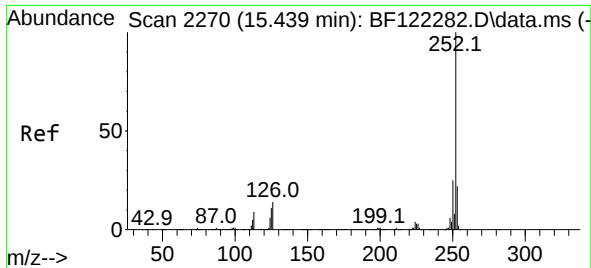


#88
Benzo(b)fluoranthene
Concen: 4.44 ng m
RT: 15.063 min Scan# 2206
Delta R.T. -0.005 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13



Tgt Ion:252 Resp: 211577
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 10.1 8.0 12.0





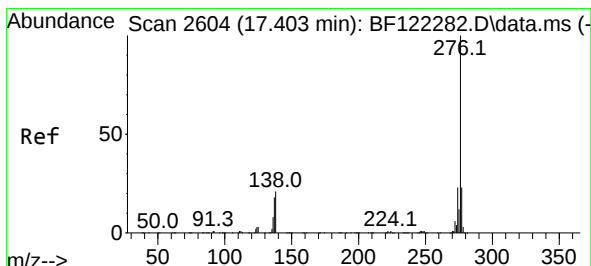
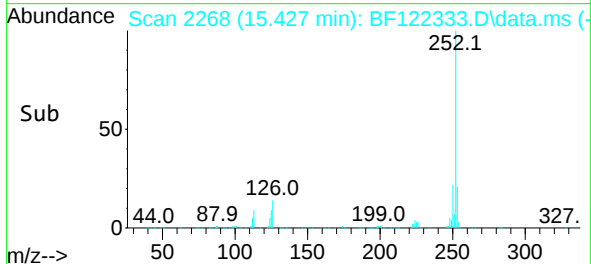
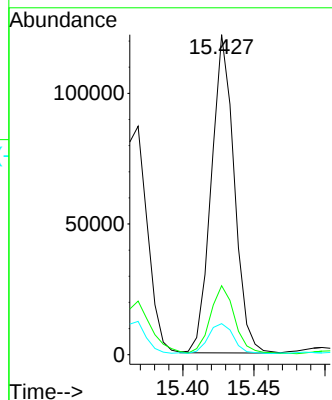
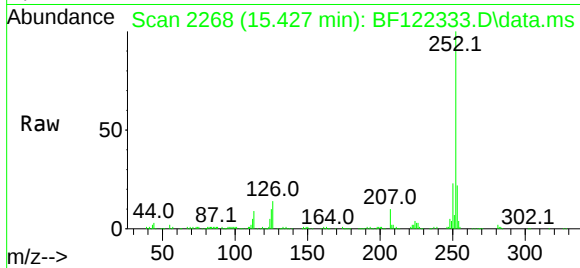
#90
Benzo(a)pyrene
Concen: 3.29 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.011 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13

Tgt Ion:252 Resp: 136821
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.7 8.6 13.0

Instrument :
BNA_F
ClientSampleId :
RBR-34

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.38 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.017 min
Lab File: BF122333.D
Acq: 13 Nov 2020 17:13

Tgt Ion:276 Resp: 85434
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.2
138 17.9 17.8 26.6

