

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
 Data File : BF122350.D
 Acq On : 17 Nov 2020 17:20
 Operator : JU/CG
 Sample : L4725-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-34

Manual Integrations
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mohammad
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Quant Time: Nov 18 00:22:22 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	271697	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1037411	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	536923	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	999542	20.00	ng	0.00
76) Chrysene-d12	14.027	240	716455	20.00	ng	0.00
86) Perylene-d12	15.498	264	734633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1616076	91.33	ng	0.00
7) Phenol-d6	6.487	99	2079625	89.84	ng	0.00
23) Nitrobenzene-d5	7.428	82	1262797	74.52	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	588333	102.09	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1806877	52.58	ng	0.00
79) Terphenyl-d14	12.974	244	1671135	49.41	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.616	163	539049	14.12	ng	100
71) Phenanthrene	11.410	178	235756	4.16	ng	99
75) Fluoranthene	12.598	202	411536	6.95	ng	98
78) Pyrene	12.827	202	377419	7.50	ng	98
81) Benzo(a)anthracene	14.016	228	165358	3.71	ng	97
83) Chrysene	14.051	228	163246	3.64	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	94614	2.15	ng	94
88) Benzo(b)fluoranthene	15.063	252	225366m	4.74	ng	
90) Benzo(a)pyrene	15.427	252	138591	3.34	ng	99
92) Benzo(g,h,i)perylene	17.392	276	85353	2.38	ng	98

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

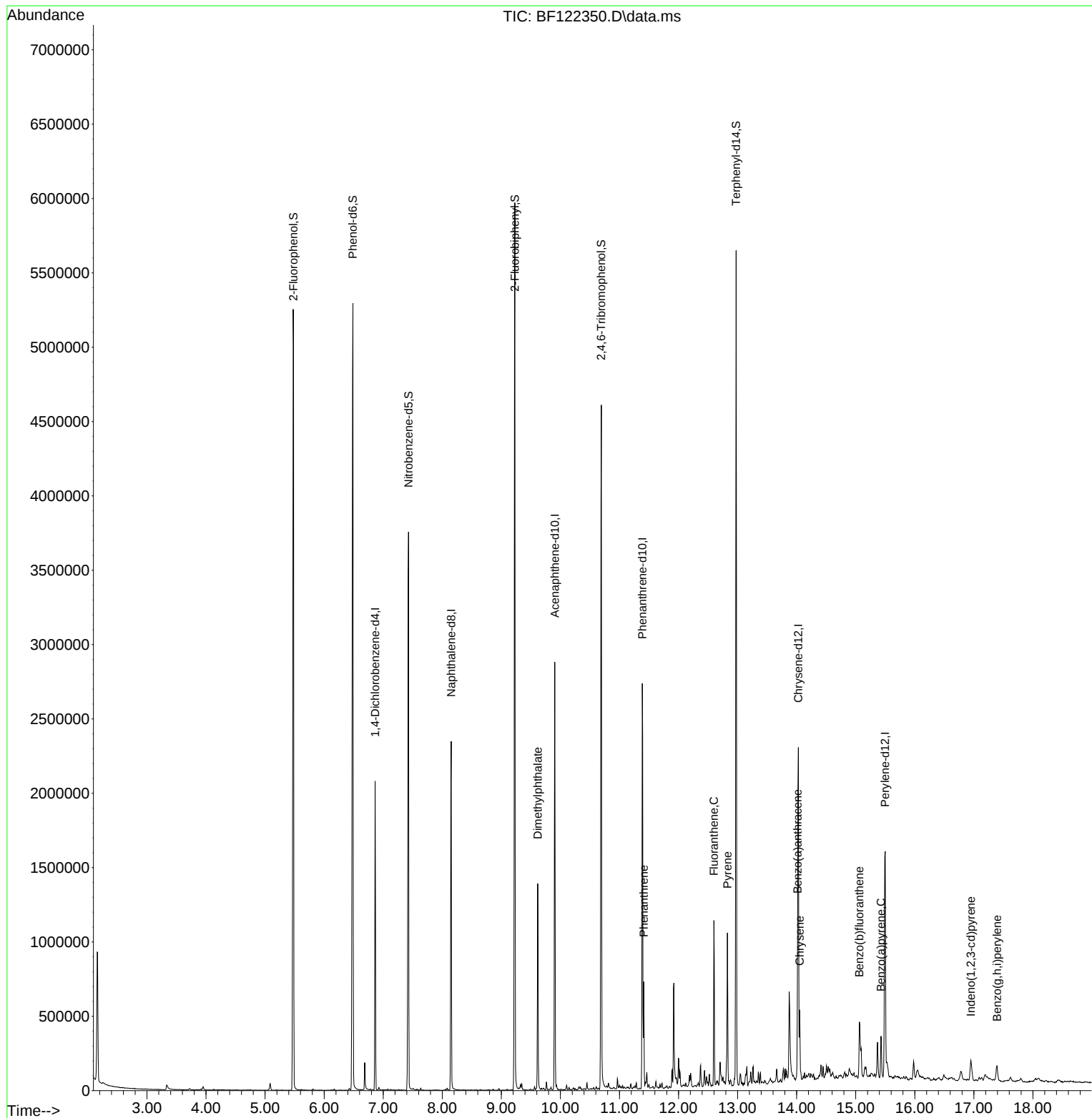
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Data File : BF122350.D
Acq On : 17 Nov 2020 17:20
Operator : JU/CG
Sample : L4725-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

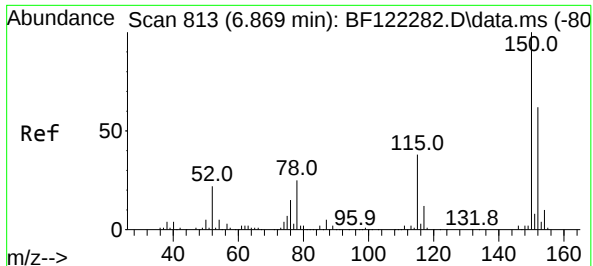
Instrument :
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ClientSampleId :
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Quant Time: Nov 18 00:22:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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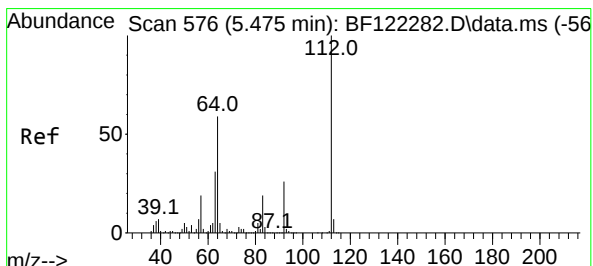
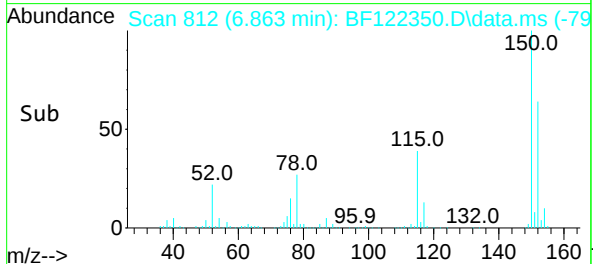
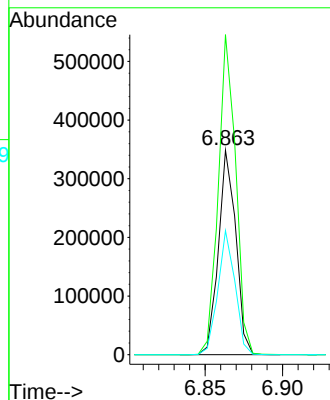
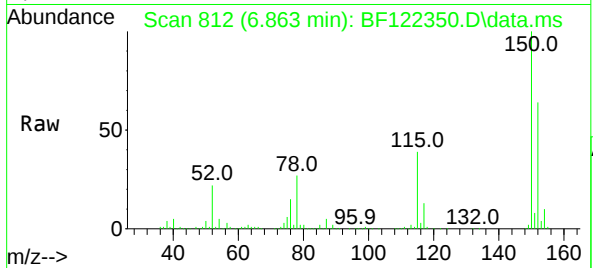
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20

Tgt Ion:152 Resp: 271697
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 60.7 51.9 77.9

Instrument :
BNA_F
ClientSampleId :
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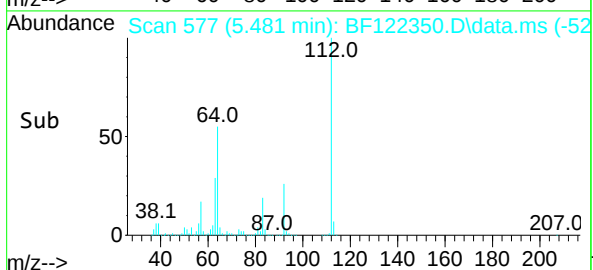
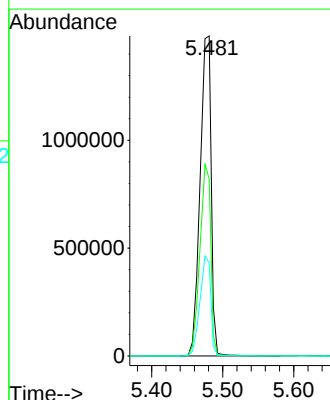
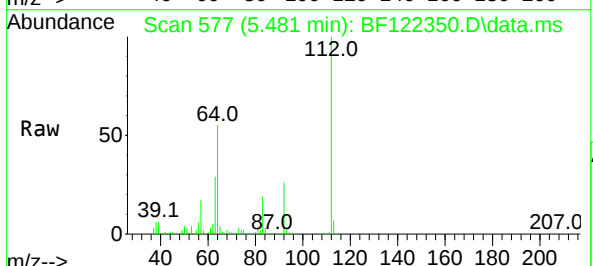
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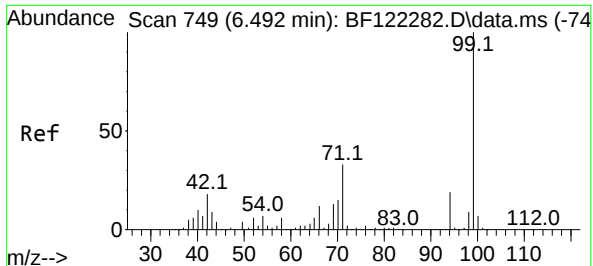
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#5
2-Fluorophenol
Concen: 91.33 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20

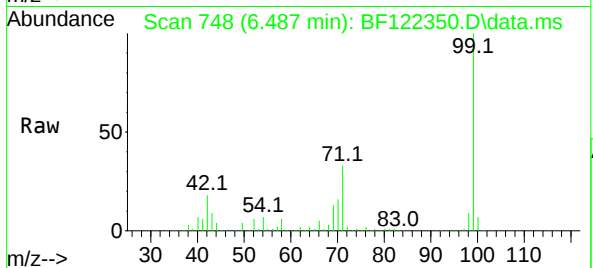
Tgt Ion:112 Resp: 1616076
Ion Ratio Lower Upper
112 100
64 55.3 50.4 75.6
63 29.0 25.8 38.6





#7
Phenol-d6
Concen: 89.84 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.005 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20

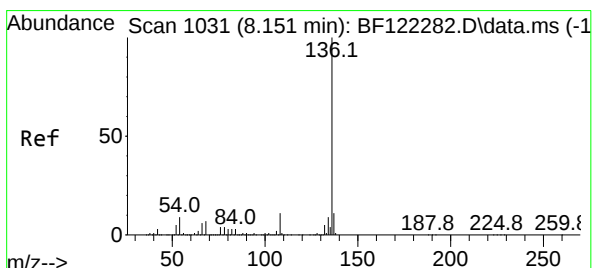
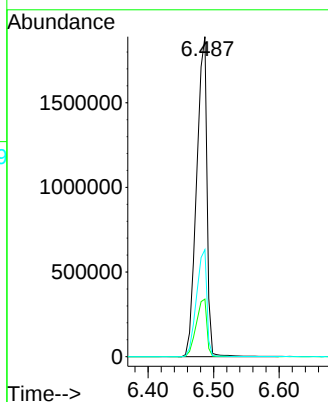
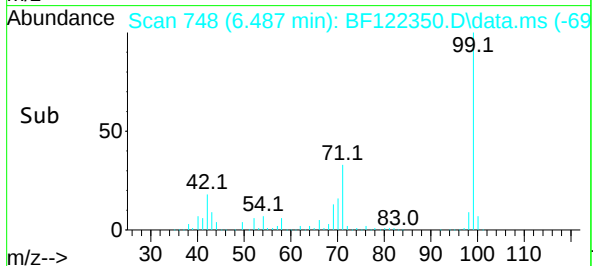
Instrument :
BNA_F
ClientSampleId :
RBR-34



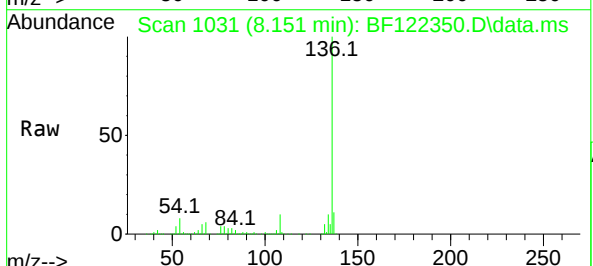
Tgt Ion: 99 Resp: 2079625
Ion Ratio Lower Upper
99 100
42 18.0 15.9 23.9
71 33.4 27.1 40.7

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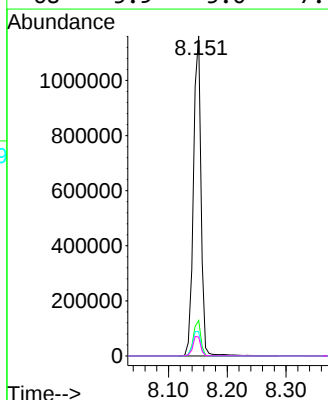
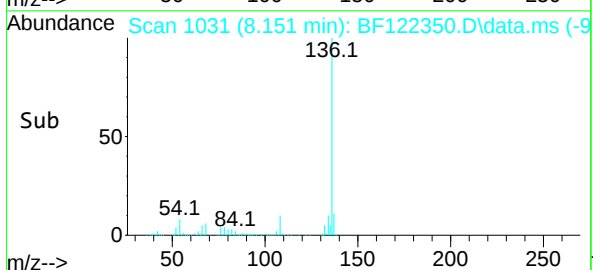
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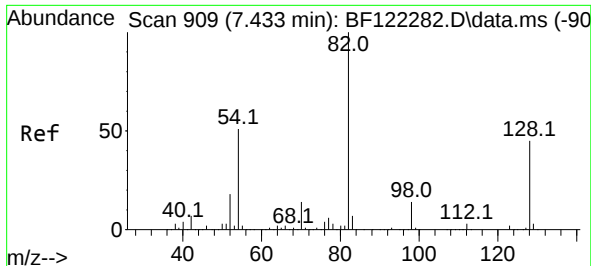


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20



Tgt Ion: 136 Resp: 1037411
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.6 7.1 10.7
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 74.52 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.005 min

Lab File: BF122350.D

Acq: 17 Nov 2020 17:20

Tgt Ion: 82 Resp: 1262797

Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.0	52.4
54	47.8	43.9	65.9

Instrument :

BNA_F

ClientSampled :

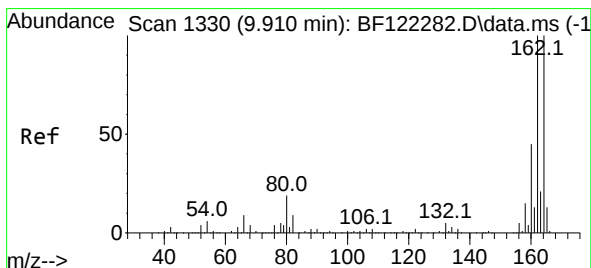
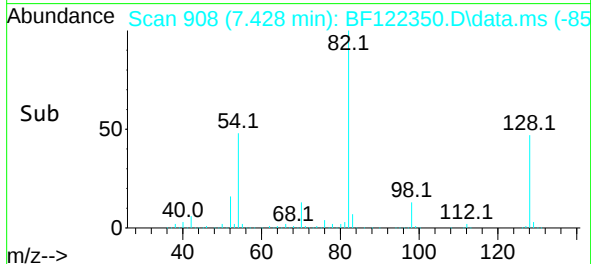
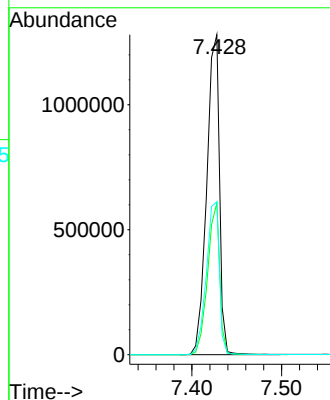
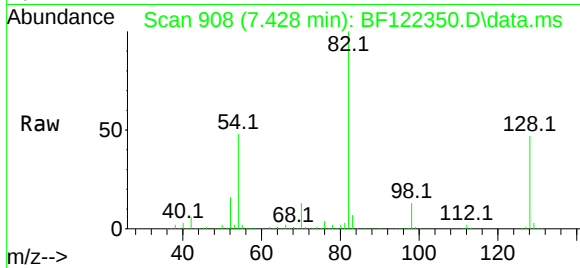
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

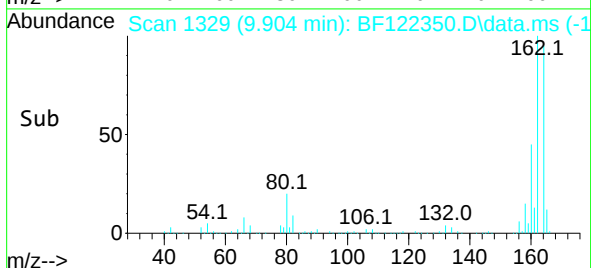
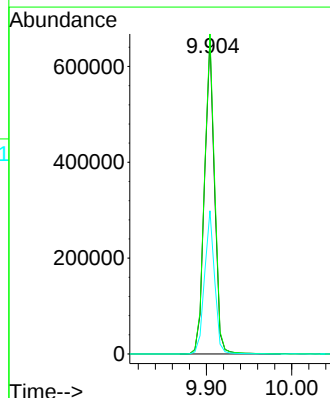
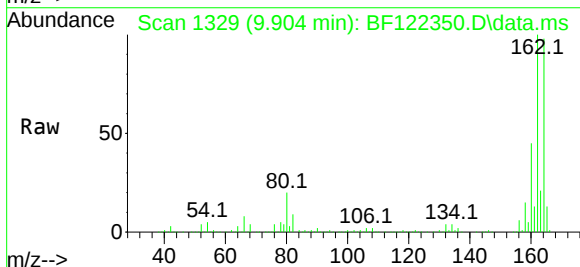
Delta R.T. -0.006 min

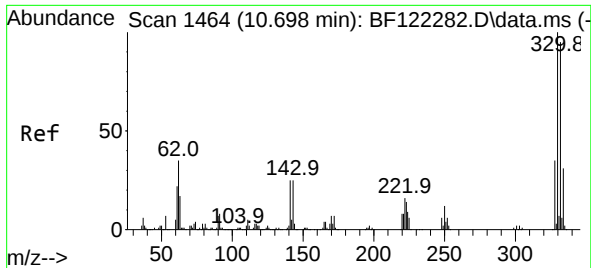
Lab File: BF122350.D

Acq: 17 Nov 2020 17:20

Tgt Ion: 164 Resp: 536923

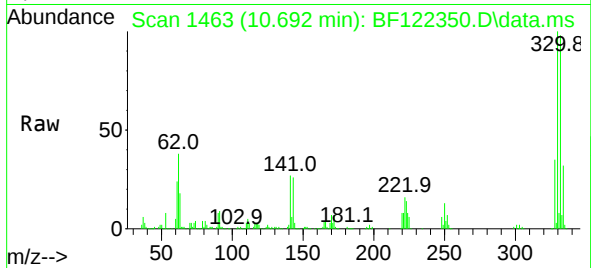
Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.2	124.8
160	45.5	37.5	56.3





#42
 2,4,6-Tribromophenol
 Concen: 102.09 ng
 RT: 10.692 min Scan# 1463
 Delta R.T. -0.005 min
 Lab File: BF122350.D
 Acq: 17 Nov 2020 17:20

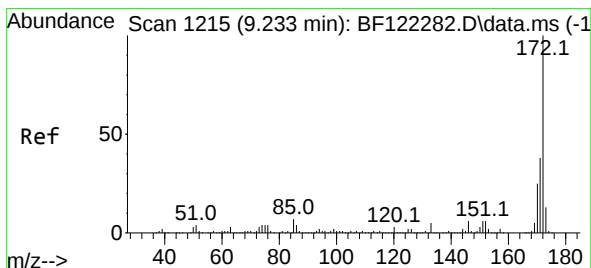
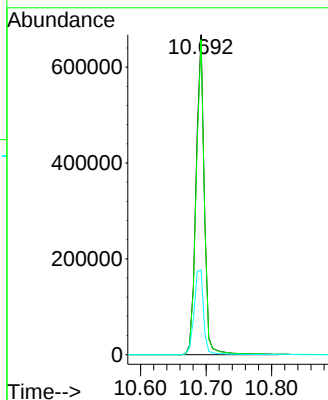
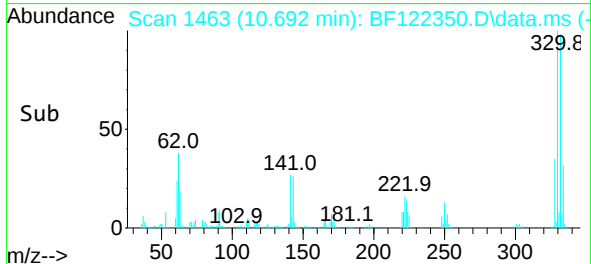
Instrument :
 BNA_F
 ClientSampled :
 RBR-34



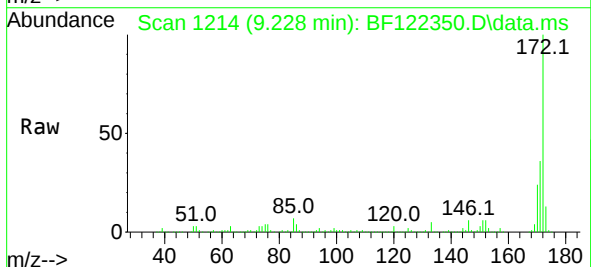
Tgt Ion: 330 Resp: 588333
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 30.6 22.3 33.5

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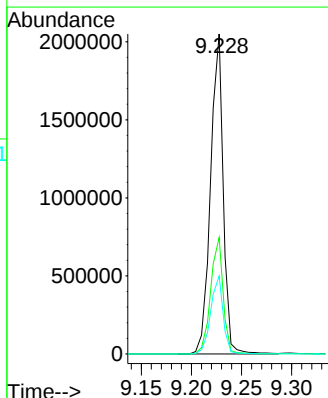
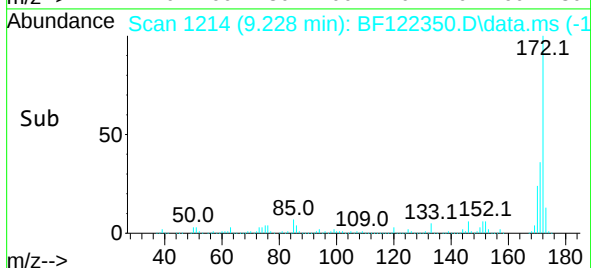
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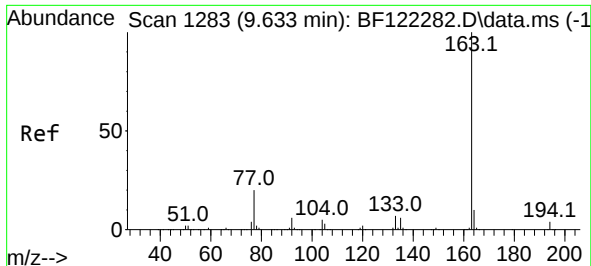


#45
 2-Fluorobiphenyl
 Concen: 52.58 ng
 RT: 9.228 min Scan# 1214
 Delta R.T. -0.005 min
 Lab File: BF122350.D
 Acq: 17 Nov 2020 17:20

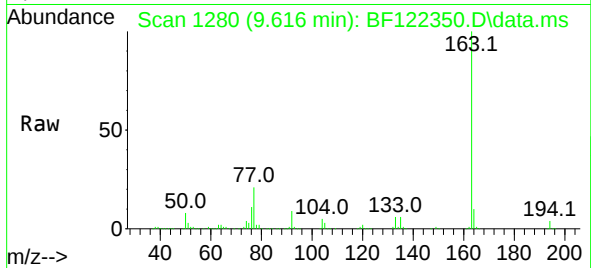


Tgt Ion: 172 Resp: 1806877
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.1 43.7
 170 24.4 19.8 29.6

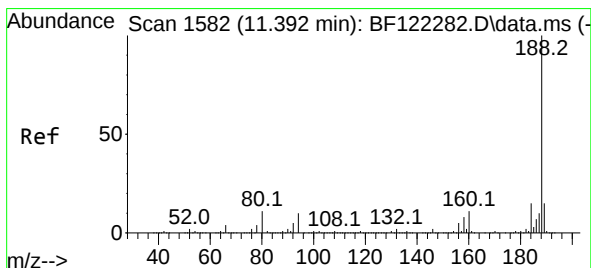
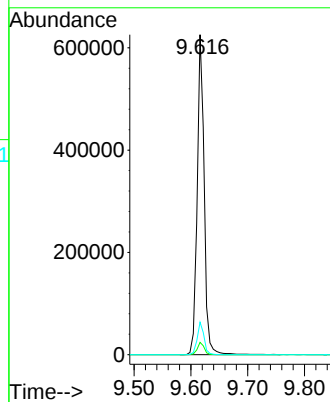
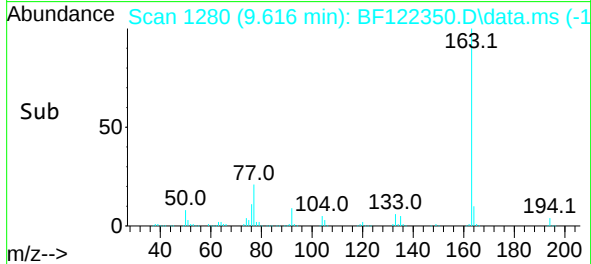




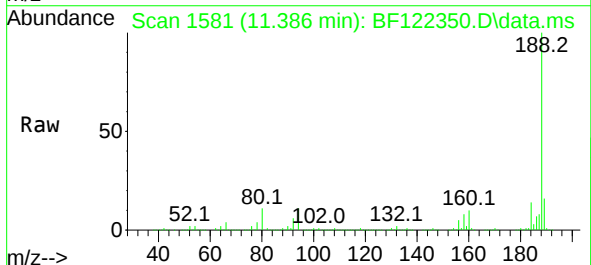
#50
Dimethylphthalate
Concen: 14.12 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20



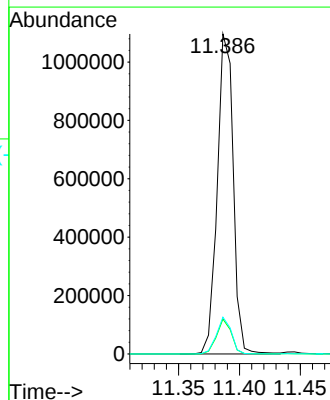
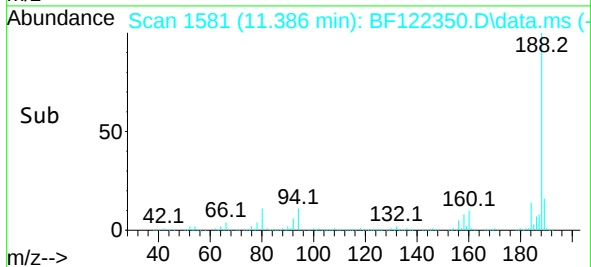
Tgt Ion:163 Resp: 539049
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20



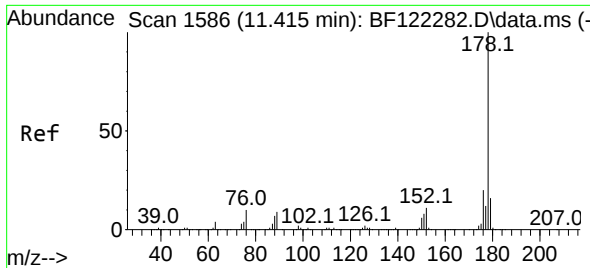
Tgt Ion:188 Resp: 999542
Ion Ratio Lower Upper
188 100
94 10.9 8.3 12.5
80 11.5 9.1 13.7



Instrument :
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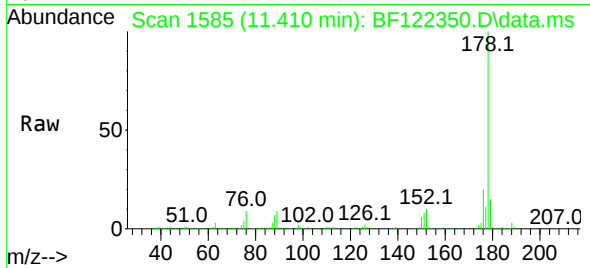
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#71
Phenanthrene
Concen: 4.16 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.005 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20

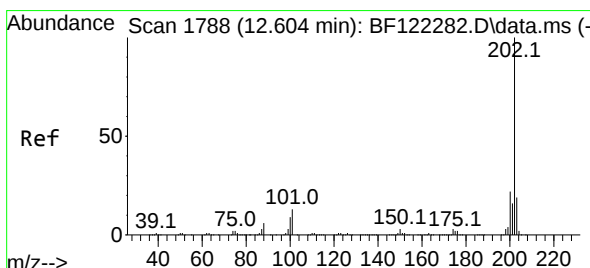
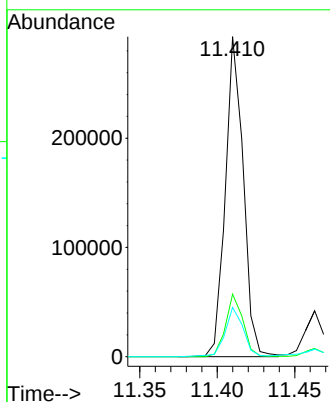
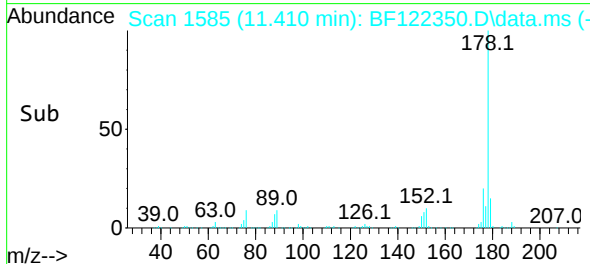
Instrument :
BNA_F
ClientSampled :
RBR-34



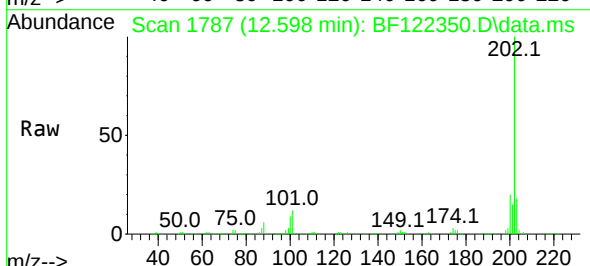
Tgt Ion:178 Resp: 235756
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.4 12.2 18.4

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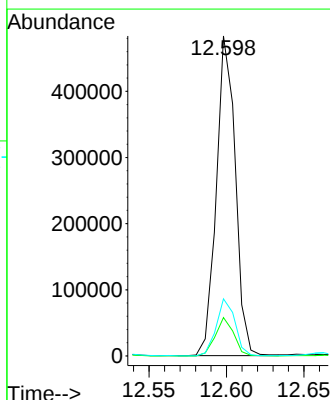
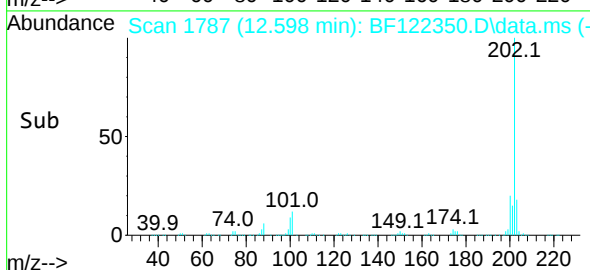
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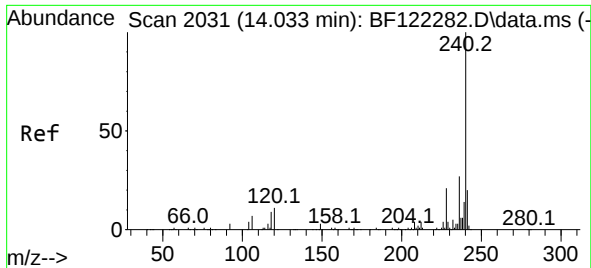


#75
Fluoranthene
Concen: 6.95 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20



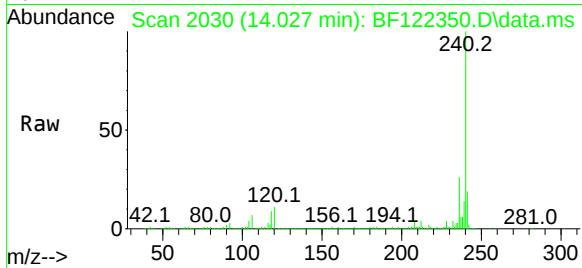
Tgt Ion:202 Resp: 411536
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.4
203 17.9 0.0 37.9





#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20

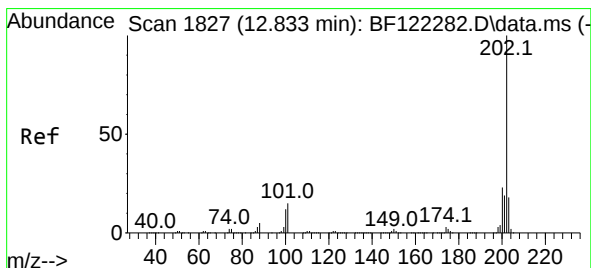
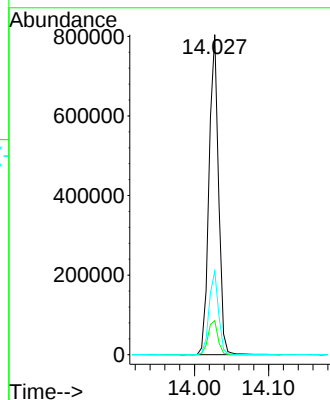
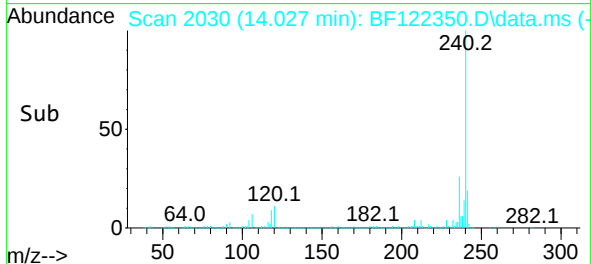
Instrument :
BNA_F
ClientSampled :
RBR-34



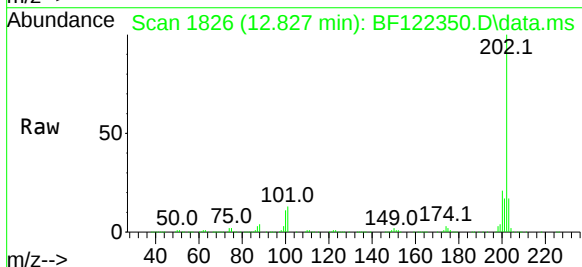
Tgt Ion:240 Resp: 716455
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 26.1 20.9 31.3

Manual Integrations
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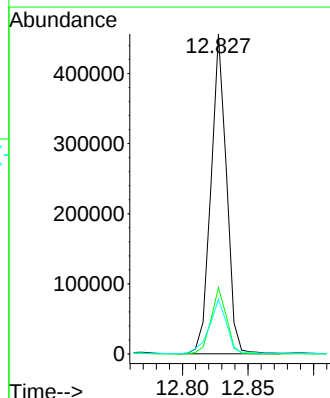
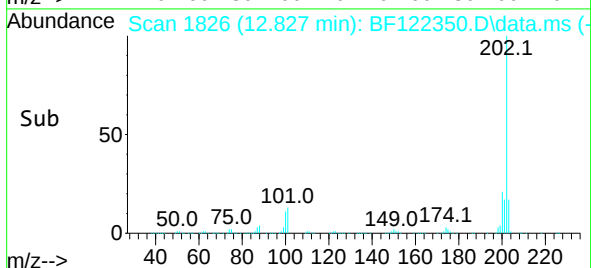
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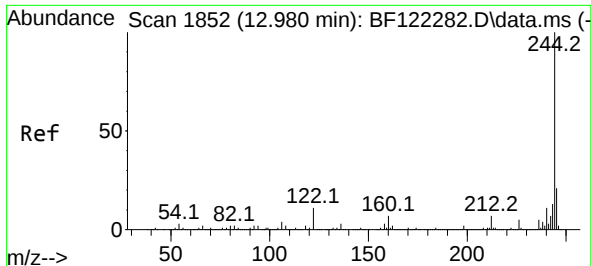


#78
Pyrene
Concen: 7.50 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.005 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20



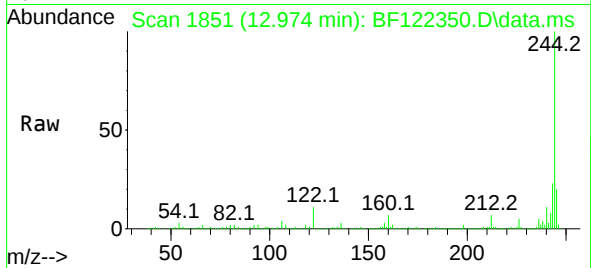
Tgt Ion:202 Resp: 377419
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.0 14.6 21.8





#79
Terphenyl-d14
Concen: 49.41 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.005 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20

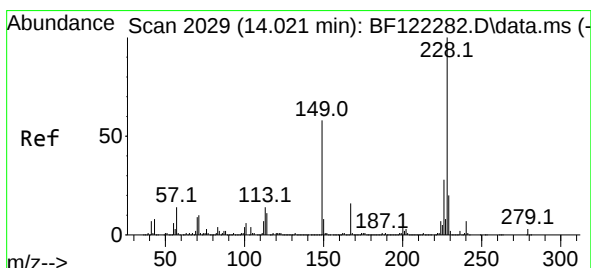
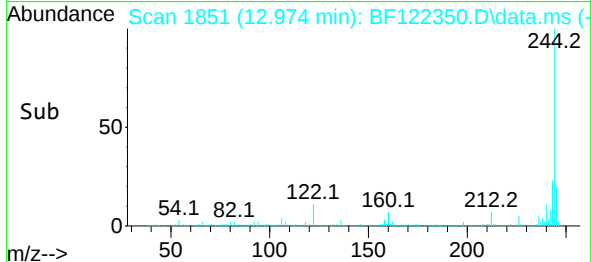
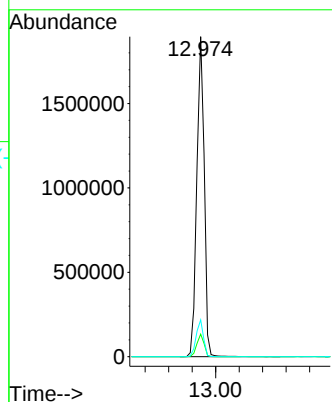
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1671135
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.5 8.1 12.1

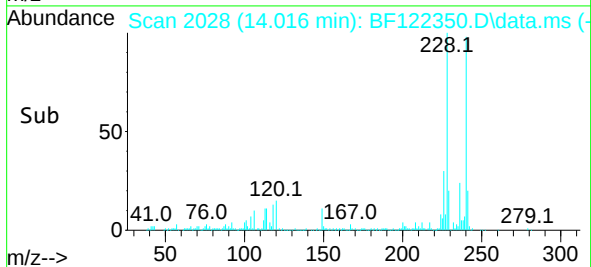
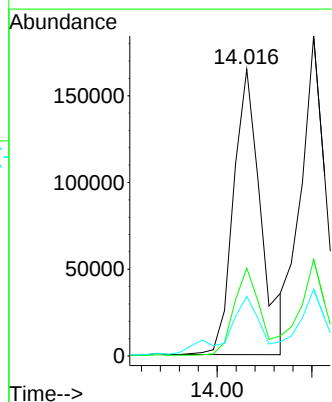
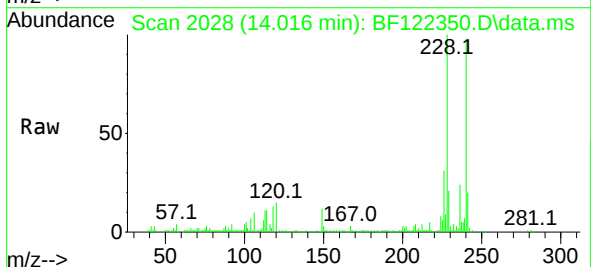
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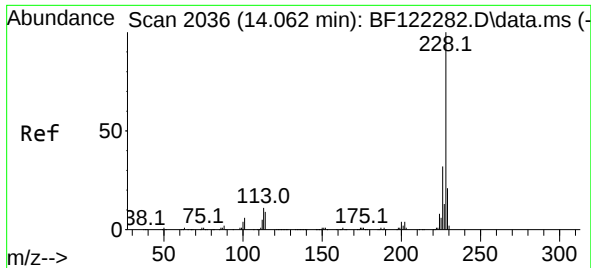
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#81
Benzo(a)anthracene
Concen: 3.71 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.005 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20

Tgt Ion:228 Resp: 165358
Ion Ratio Lower Upper
228 100
226 30.6 22.3 33.5
229 20.8 16.2 24.4





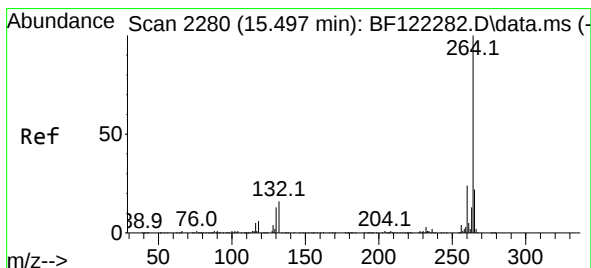
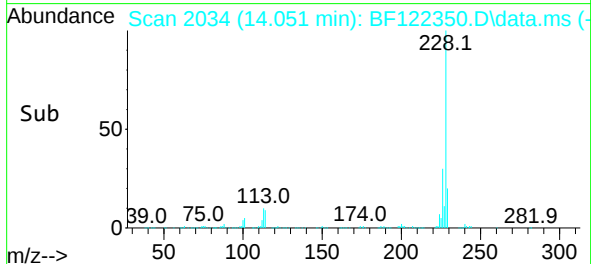
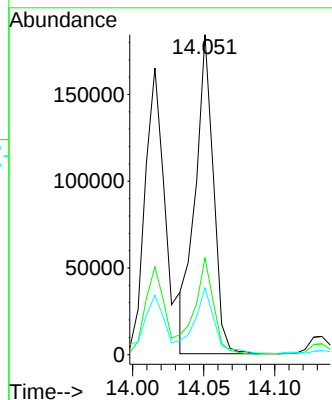
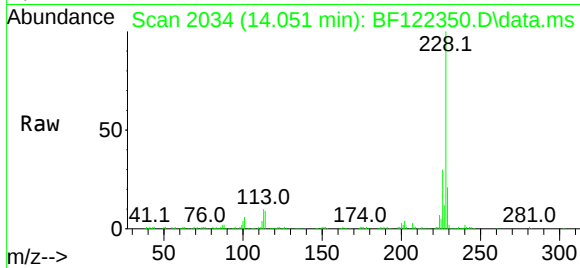
#83
Chrysene
Concen: 3.64 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20

Tgt Ion:228 Resp: 163246
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 20.8 15.9 23.9

Instrument :
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ClientSampleId :
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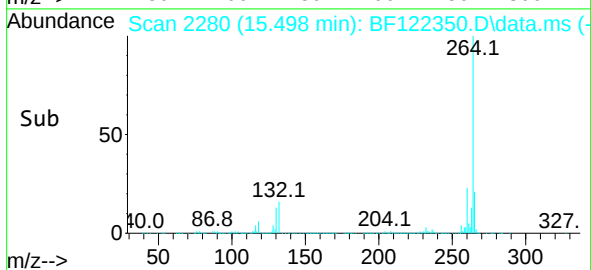
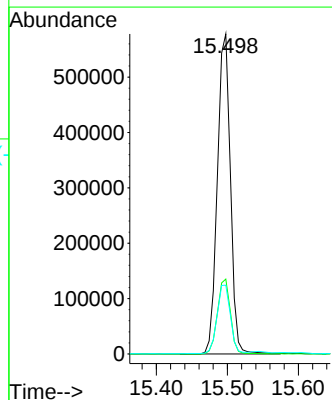
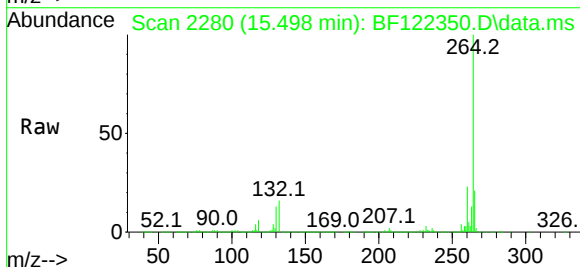
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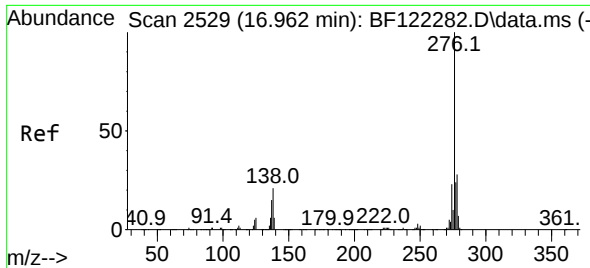
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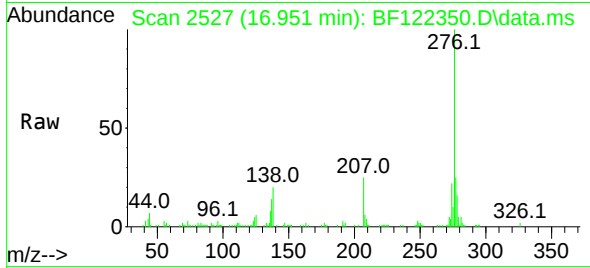
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20

Tgt Ion:264 Resp: 734633
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.5 17.3 25.9

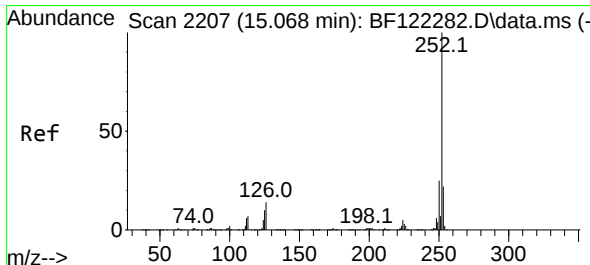
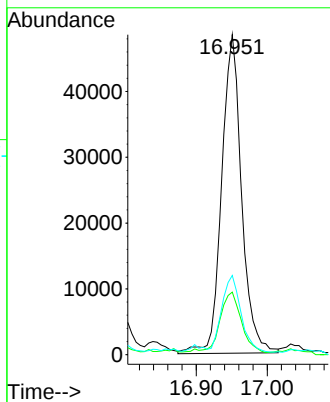
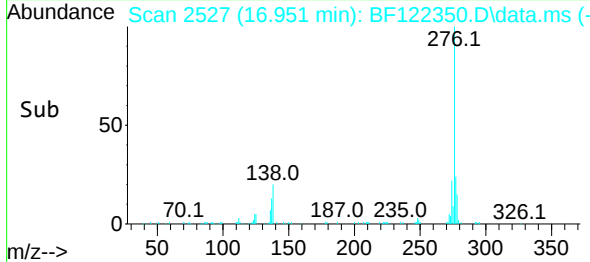




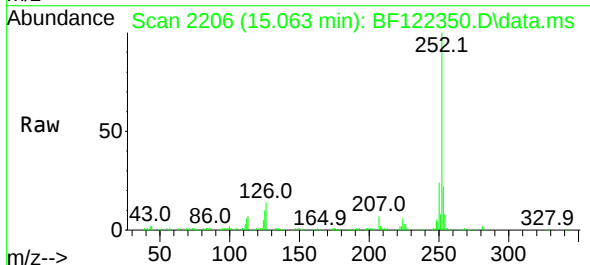
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.15 ng
RT: 16.951 min Scan# 2527
Delta R.T. -0.011 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20



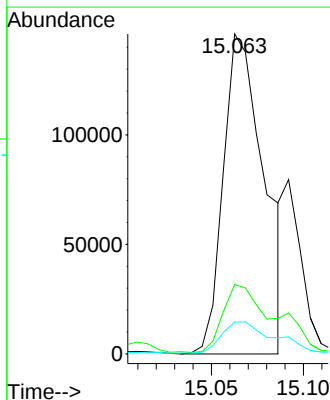
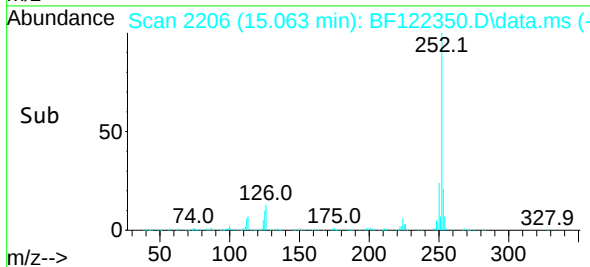
Tgt Ion: 276 Resp: 94614
Ion Ratio Lower Upper
276 100
138 21.2 19.9 29.9
277 23.1 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 4.74 ng m
RT: 15.063 min Scan# 2206
Delta R.T. -0.005 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20



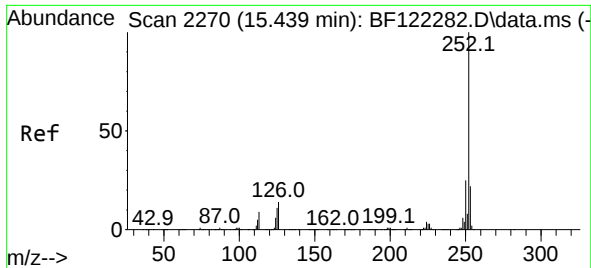
Tgt Ion: 252 Resp: 225366
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 10.0 8.0 12.0



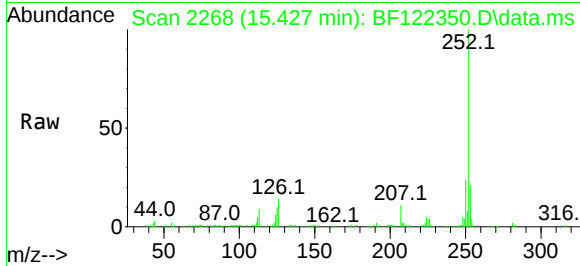
Instrument :
BNA_F
ClientSampleId :
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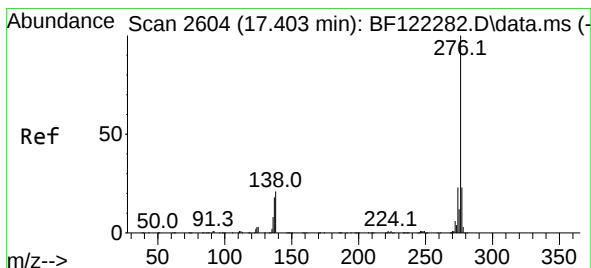
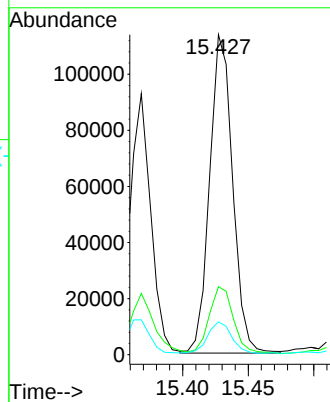
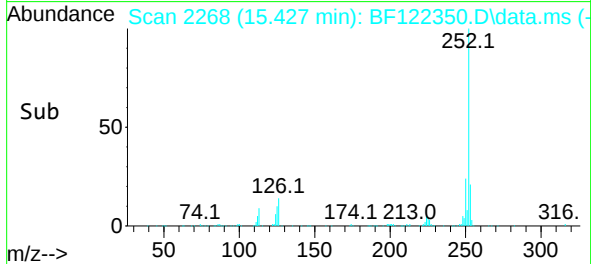
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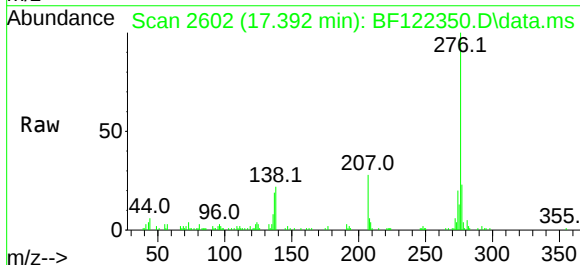
#90
Benzo(a)pyrene
Concen: 3.34 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.011 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20



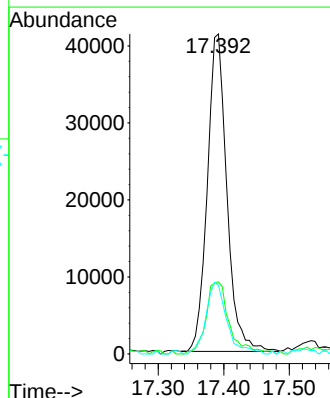
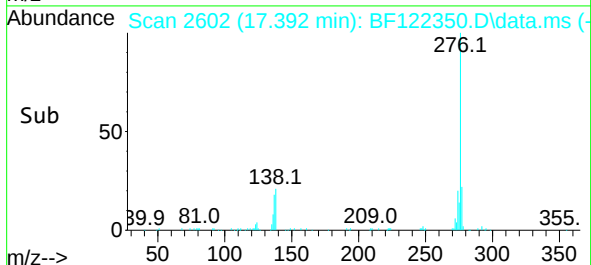
Tgt Ion: 252 Resp: 138591
Ion Ratio Lower Upper
252 100
253 21.2 17.3 25.9
125 10.2 8.6 13.0



#92
Benzo(g,h,i)perylene
Concen: 2.38 ng
RT: 17.392 min Scan# 2602
Delta R.T. -0.011 min
Lab File: BF122350.D
Acq: 17 Nov 2020 17:20



Tgt Ion: 276 Resp: 85353
Ion Ratio Lower Upper
276 100
277 22.6 19.4 29.2
138 21.5 17.8 26.6



Instrument :
BNA_F
ClientSampleId :
RBR-34

Manual Integrations
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