

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
 Data File : BF122547.D
 Acq On : 4 Dec 2020 16:02
 Operator : JU/CG
 Sample : L4936-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214

Manual Integrations
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Quant Time: Dec 04 16:28:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 04 12:52:10 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	170046	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	655404	20.00	ng	# 0.00
39) Acenaphthene-d10	9.886	164	337601	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	598539	20.00	ng	0.00
76) Chrysene-d12	14.010	240	426909	20.00	ng	-0.01
86) Perylene-d12	15.480	264	447428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	909710	82.15	ng	0.00
7) Phenol-d6	6.481	99	1122306	77.47	ng	0.00
23) Nitrobenzene-d5	7.410	82	713089	66.61	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	325964	89.96	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1303918	60.35	ng	0.00
79) Terphenyl-d14	12.963	244	1203720	59.73	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.487	94	71091	4.98	ng	89
50) Dimethylphthalate	9.598	163	186181	7.76	ng	99
71) Phenanthrene	11.392	178	98432	2.90	ng	98
75) Fluoranthene	12.586	202	223412	6.30	ng	96
78) Pyrene	12.816	202	187536	6.25	ng	98
81) Benzo(a)anthracene	13.998	228	92842	3.50	ng	99
83) Chrysene	14.033	228	98602	3.69	ng	98
87) Indeno(1,2,3-cd)pyrene	16.933	276	67105	2.50	ng	98
88) Benzo(b)fluoranthene	15.051	252	138125m	4.77	ng	
90) Benzo(a)pyrene	15.409	252	88694	3.51	ng	98
92) Benzo(g,h,i)perylene	17.374	276	71338	3.26	ng	99

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

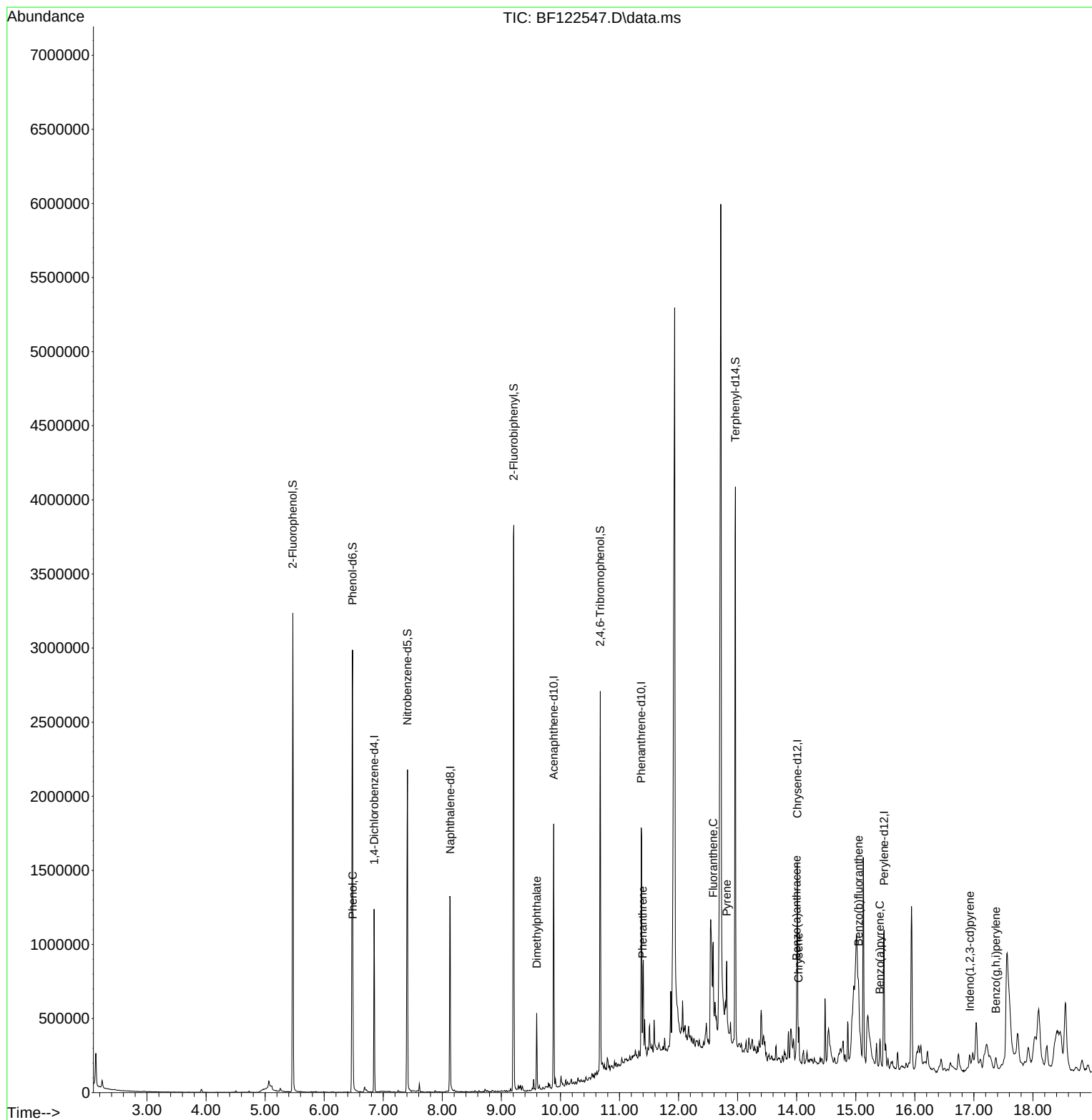
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Data File : BF122547.D
Acq On : 4 Dec 2020 16:02
Operator : JU/CG
Sample : L4936-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

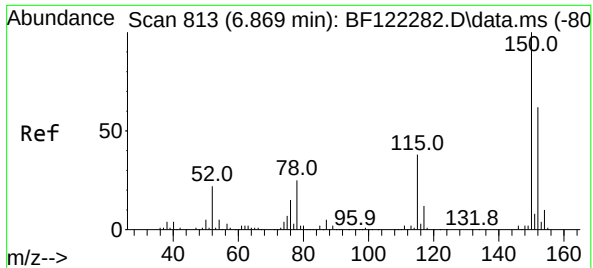
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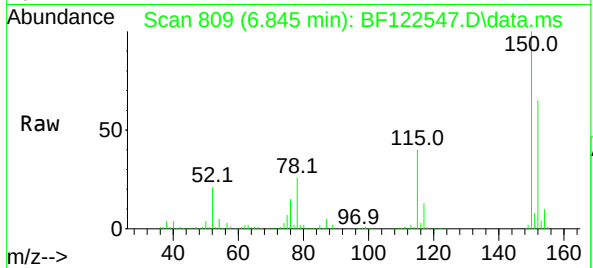
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Quant Time: Dec 04 16:28:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 12:52:10 2020
Response via : Initial Calibration

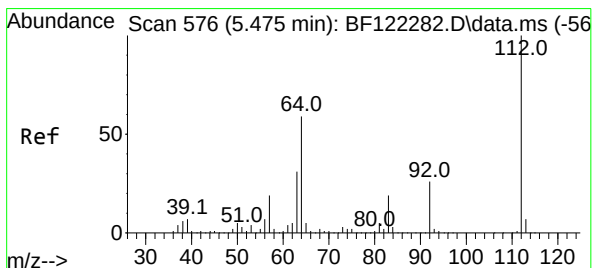
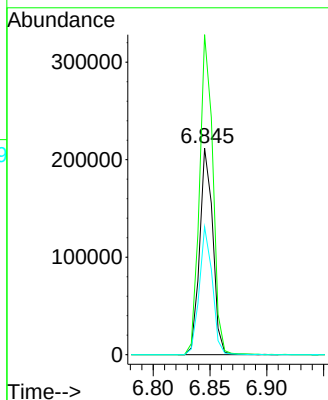
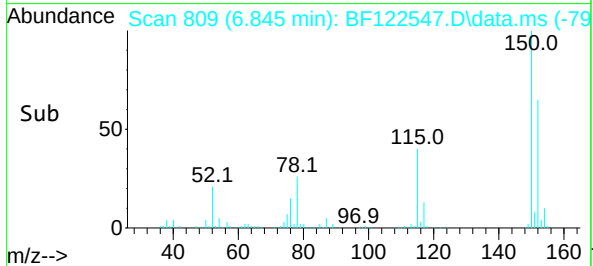




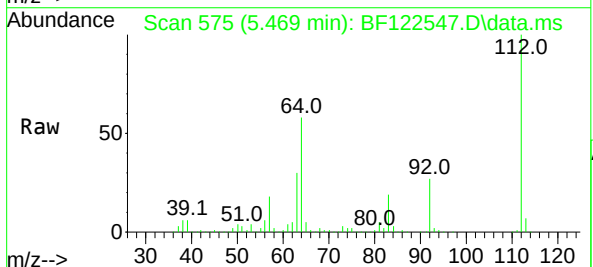
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02



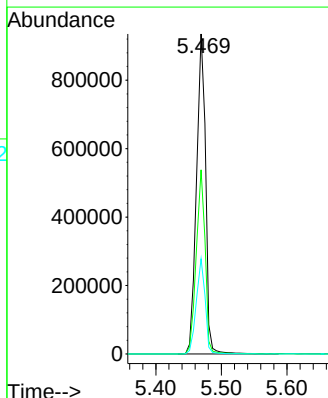
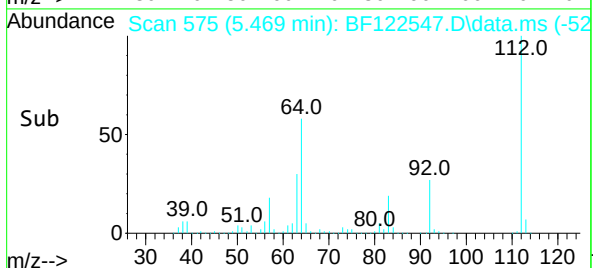
Tgt Ion:152 Resp: 170046
Ion Ratio Lower Upper
152 100
150 154.9 125.3 187.9
115 61.8 51.9 77.9



#5
2-Fluorophenol
Concen: 82.15 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02



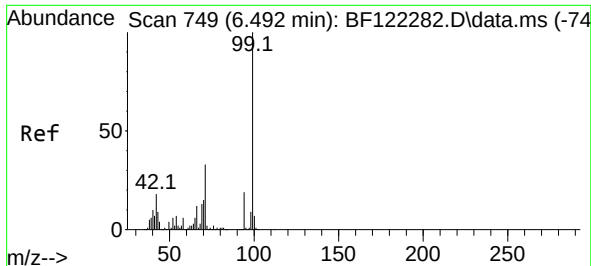
Tgt Ion:112 Resp: 909710
Ion Ratio Lower Upper
112 100
64 57.6 50.4 75.6
63 29.8 25.8 38.6



Instrument :
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#7
Phenol-d6
Concen: 77.47 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02

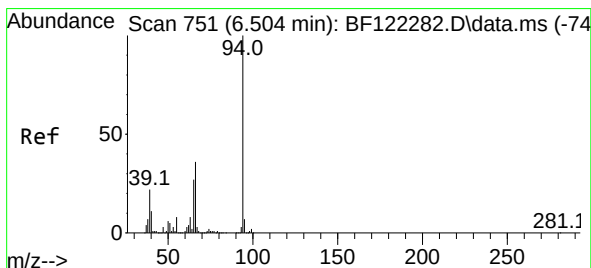
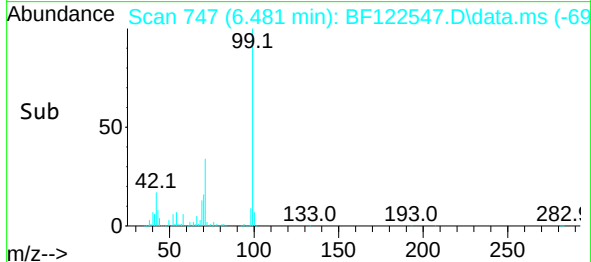
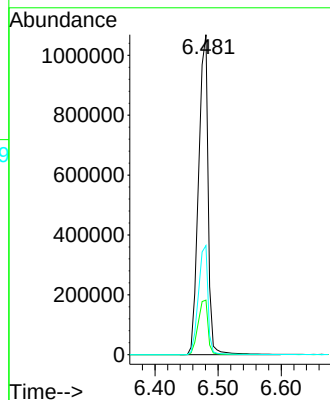
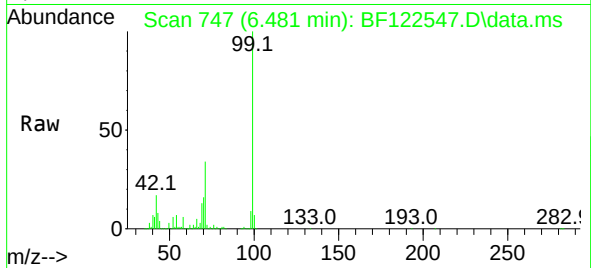
Tgt Ion: 99 Resp: 1122306

Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.9	23.9
71	34.1	27.1	40.7

Instrument :
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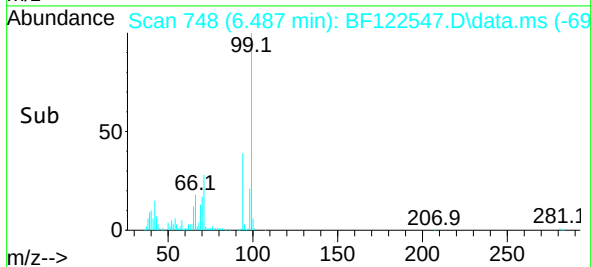
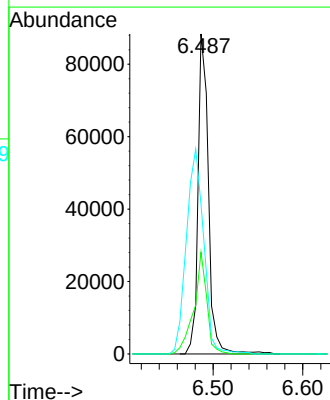
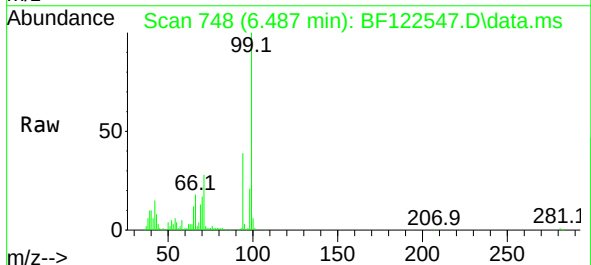
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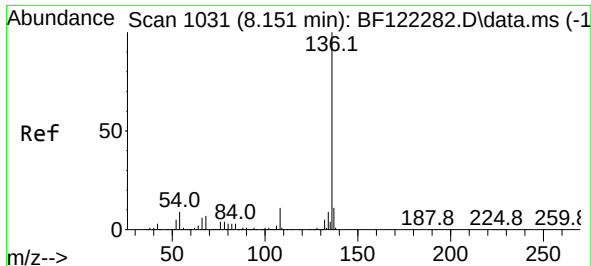


#10
Phenol
Concen: 4.98 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02

Tgt Ion: 94 Resp: 71091

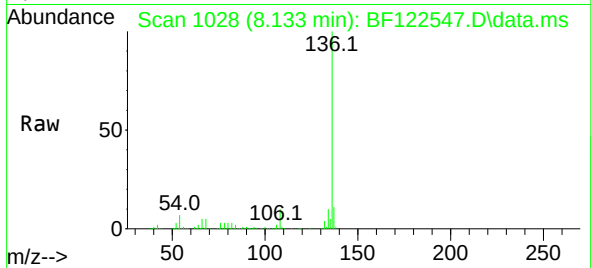
Ion	Ratio	Lower	Upper
94	100		
65	31.8	17.1	57.1
66	46.8	36.0	76.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02

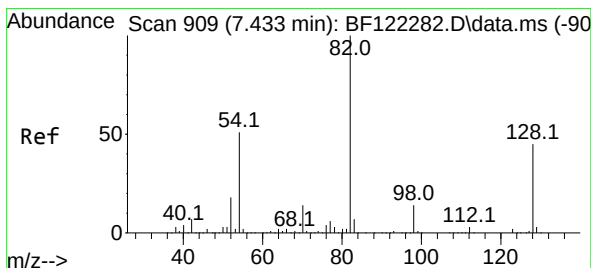
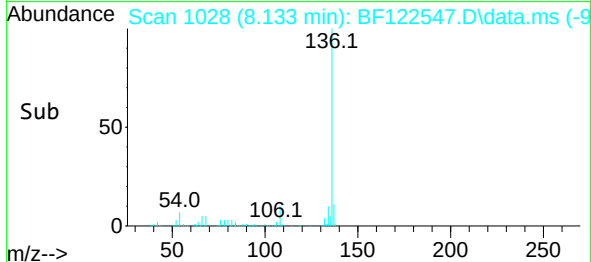
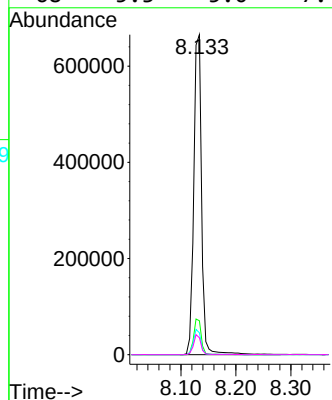
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:136 Resp: 655404
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.9 7.1 10.7#
68 5.3 5.0 7.4

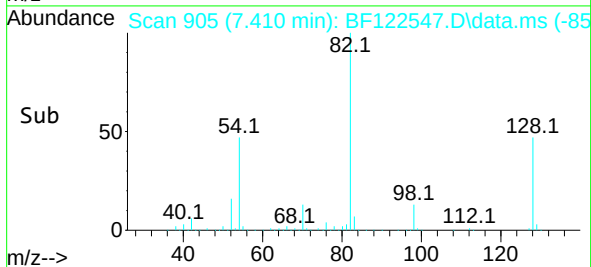
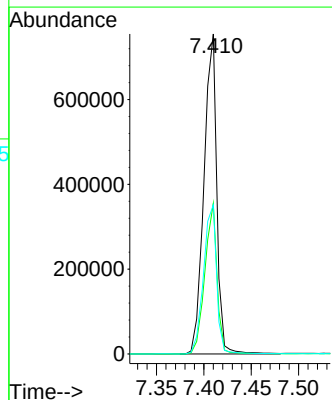
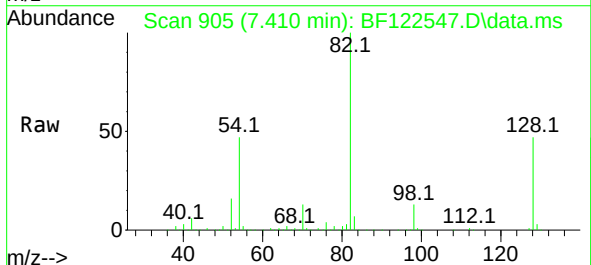
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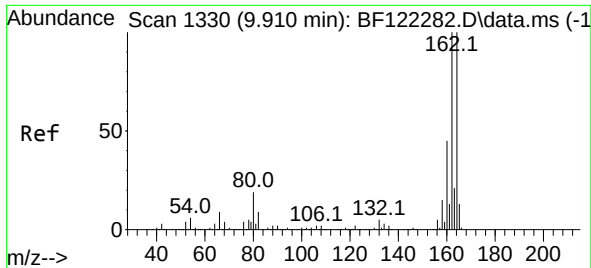
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#23
Nitrobenzene-d5
Concen: 66.61 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02

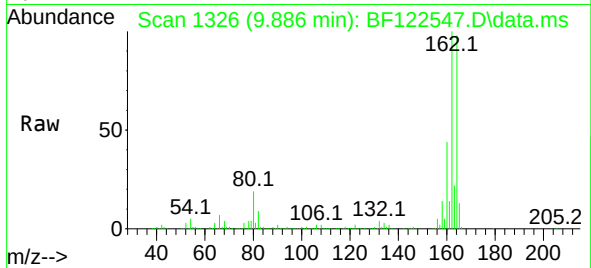
Tgt Ion: 82 Resp: 713089
Ion Ratio Lower Upper
82 100
128 47.1 35.0 52.4
54 46.6 43.9 65.9





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02

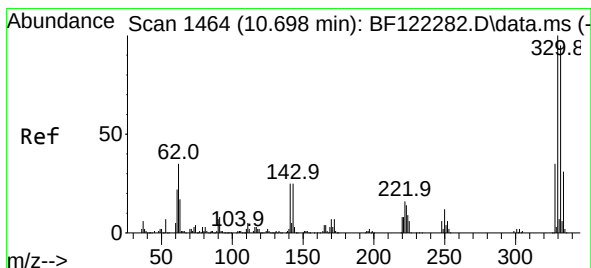
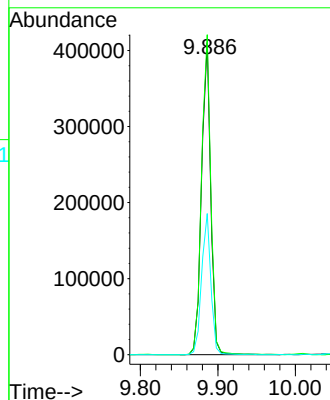
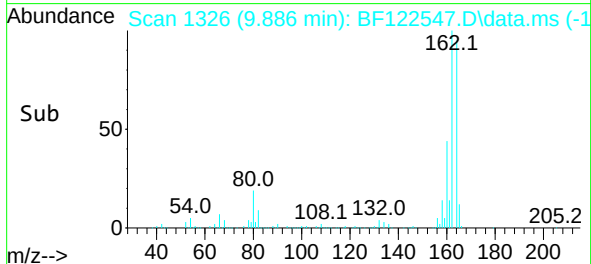
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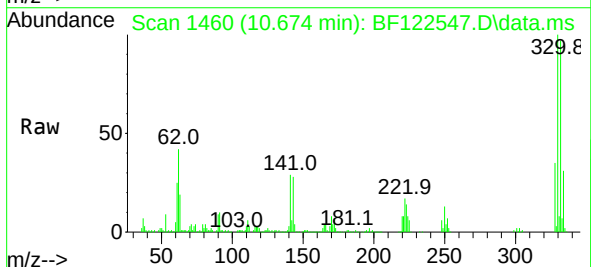
Tgt Ion:164 Resp: 337601
Ion Ratio Lower Upper
164 100
162 102.5 83.2 124.8
160 45.2 37.5 56.3

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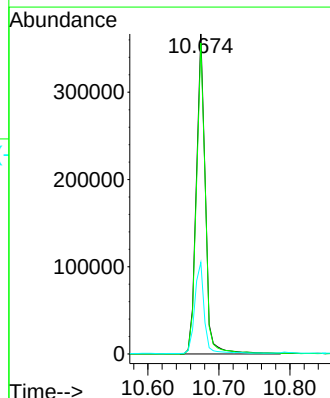
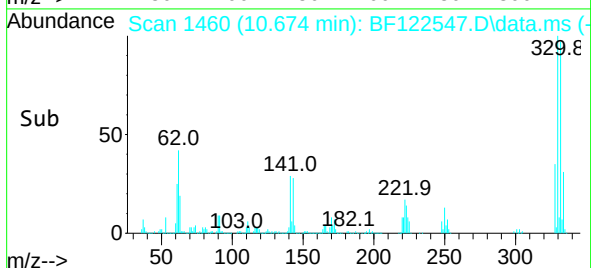
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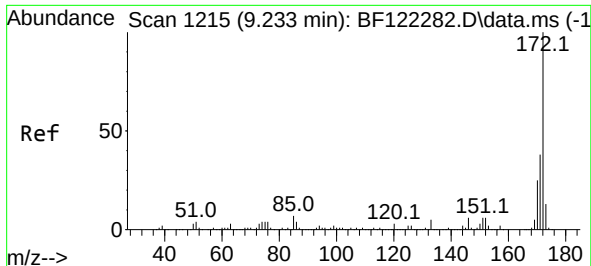


#42
2,4,6-Tribromophenol
Concen: 89.96 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02



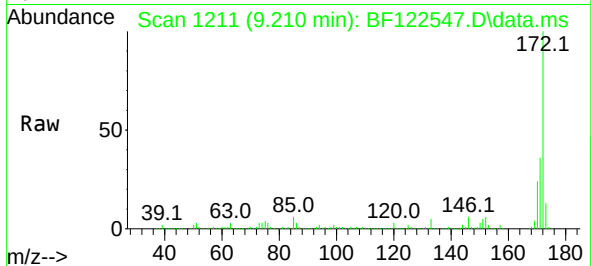
Tgt Ion:330 Resp: 325964
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 29.9 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 60.35 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02

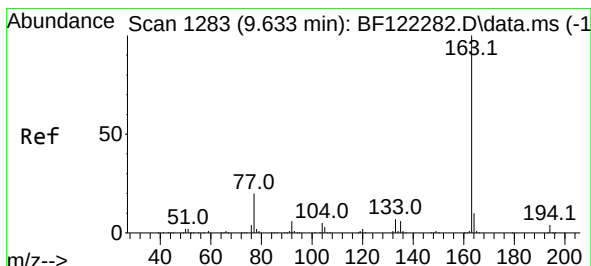
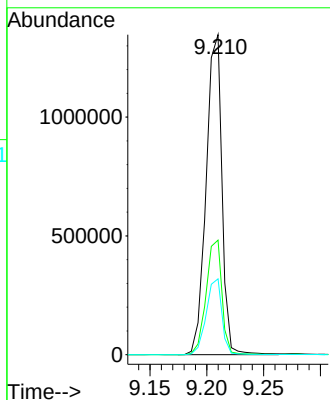
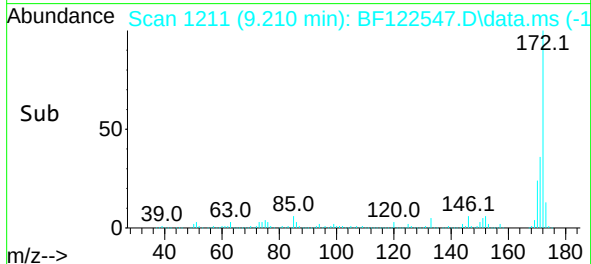
Instrument :
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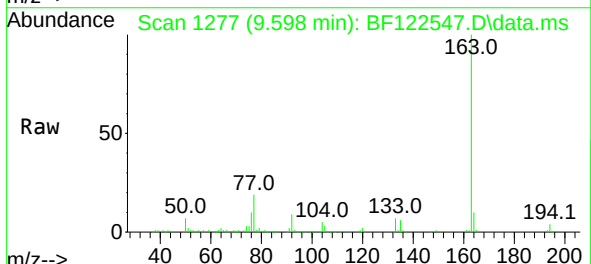
Tgt Ion:172 Resp: 1303918
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 23.7 19.8 29.6

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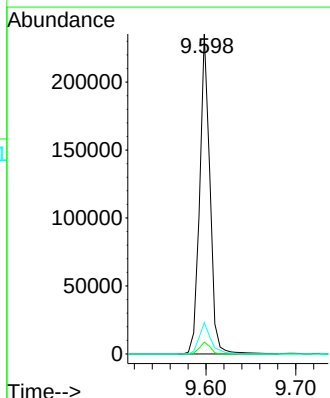
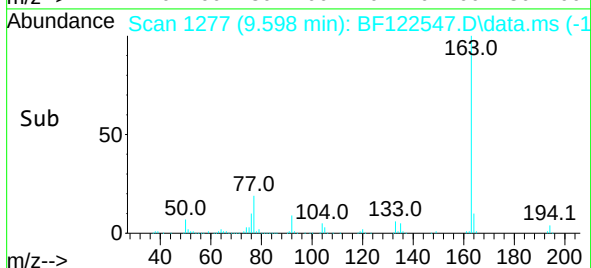
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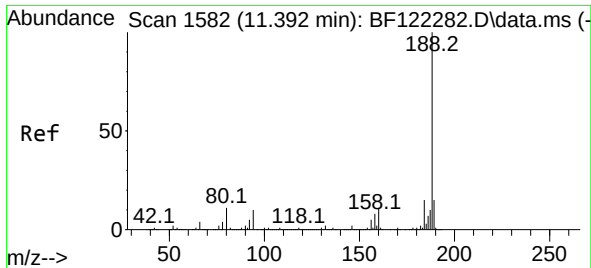


#50
Dimethylphthalate
Concen: 7.76 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02



Tgt Ion:163 Resp: 186181
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.8 8.2 12.4





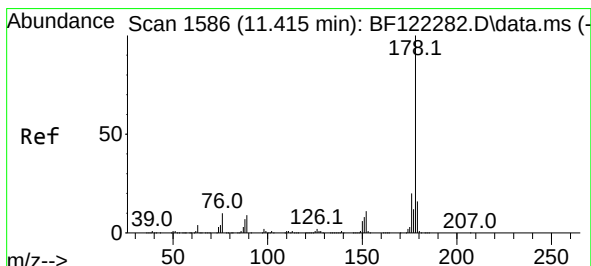
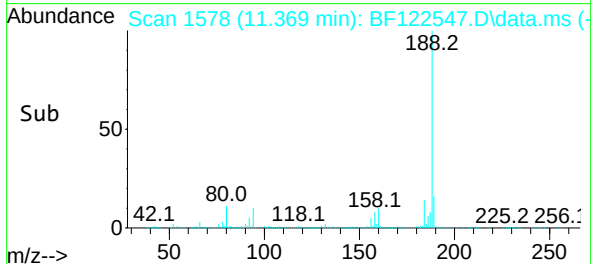
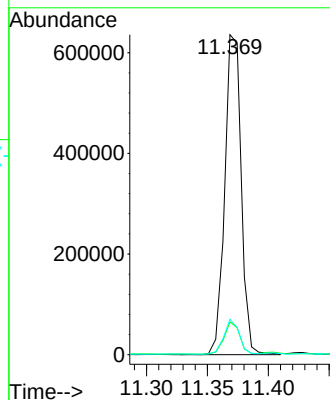
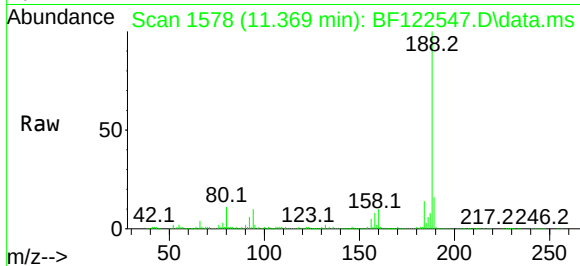
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02

Tgt Ion:188 Resp: 598539
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.0 9.1 13.7

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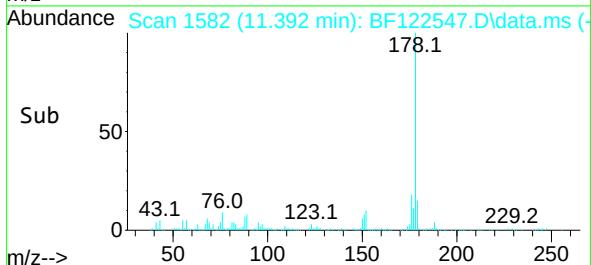
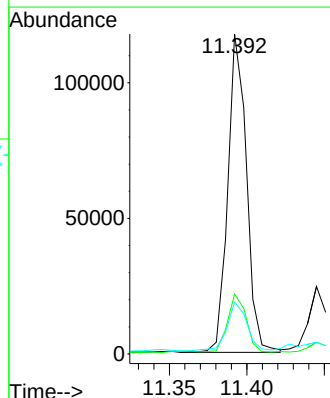
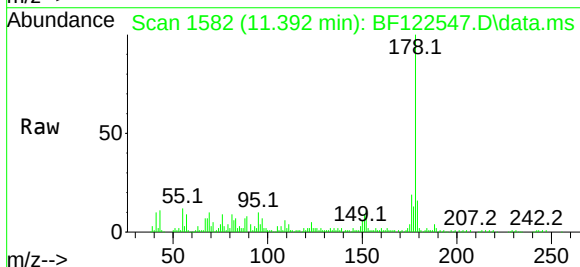
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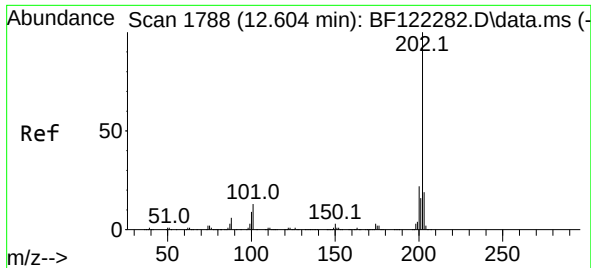
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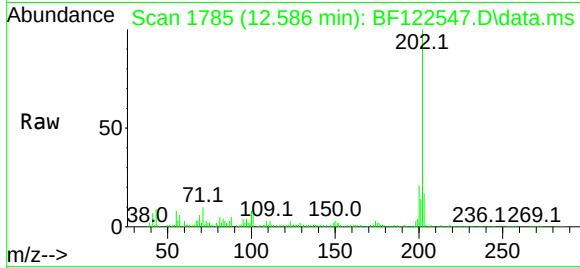
#71
Phenanthrene
Concen: 2.90 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02

Tgt Ion:178 Resp: 98432
Ion Ratio Lower Upper
178 100
176 18.7 15.9 23.9
179 16.3 12.2 18.4

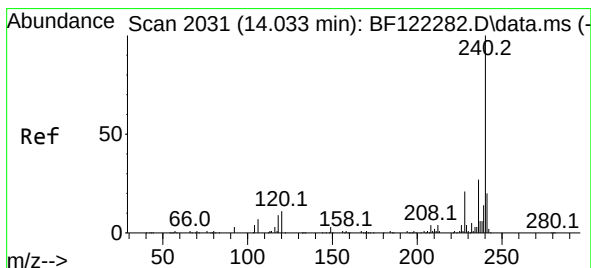
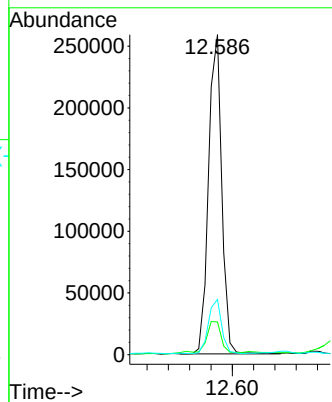
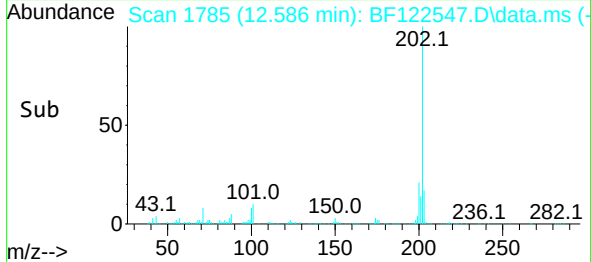




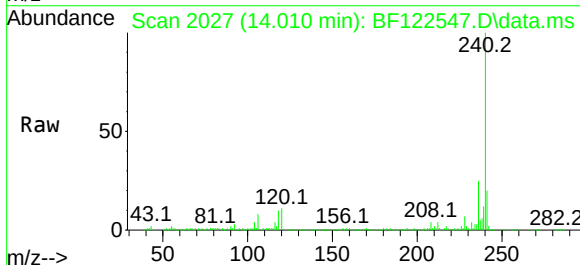
#75
Fluoranthene
Concen: 6.30 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02



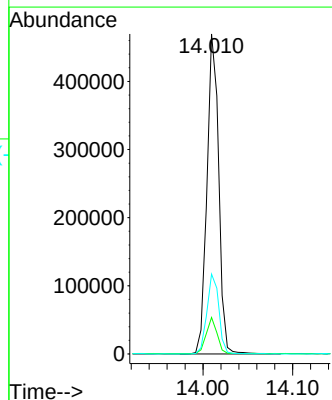
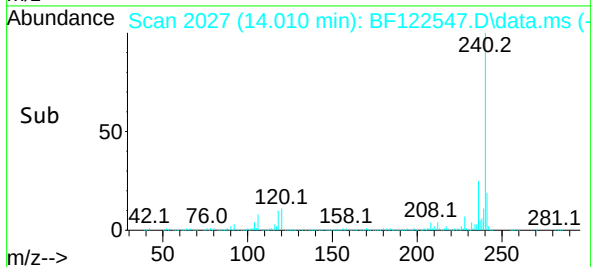
Tgt Ion:202 Resp: 223412
Ion Ratio Lower Upper
202 100
101 10.3 0.0 33.4
203 17.2 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02



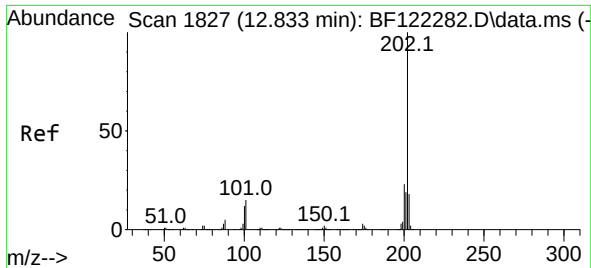
Tgt Ion:240 Resp: 426909
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.0 20.9 31.3



Instrument :
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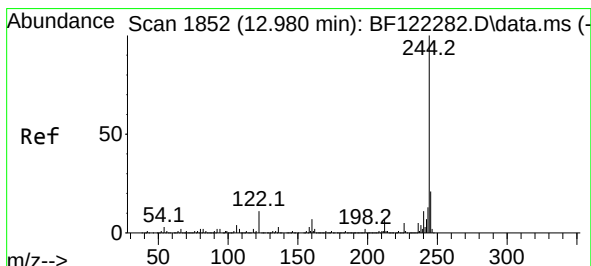
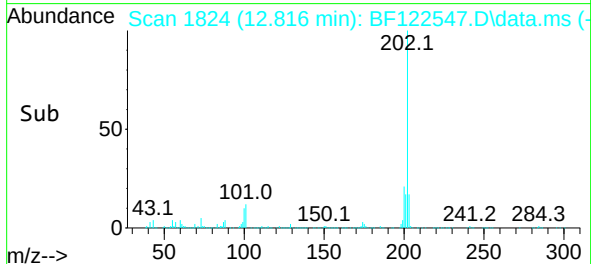
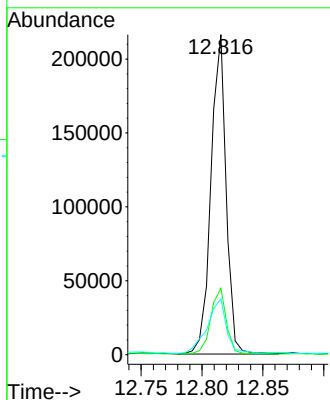
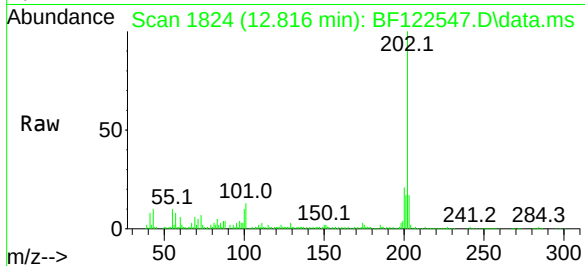
#78
Pyrene
Concen: 6.25 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02

Tgt Ion:202 Resp: 187536
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.4 14.6 21.8

Instrument :
BNA_F
ClientSampleId :
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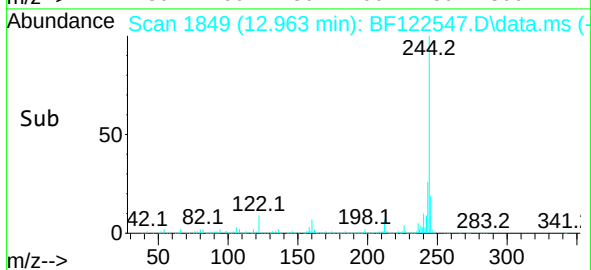
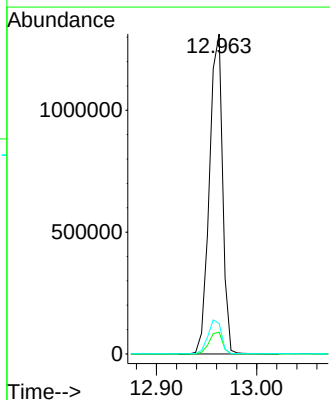
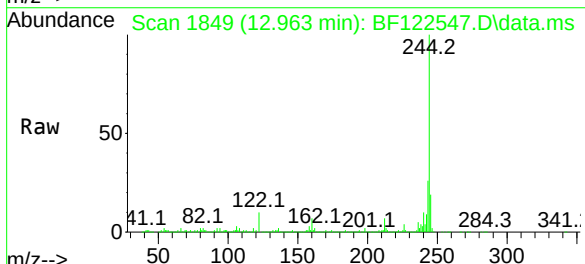
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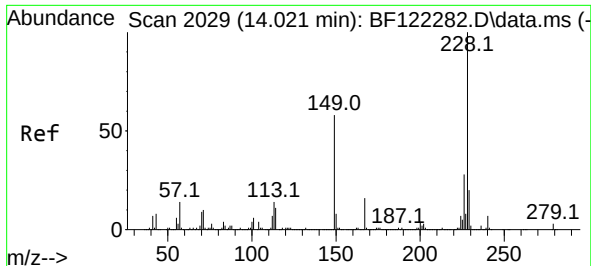
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#79
Terphenyl-d14
Concen: 59.73 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02

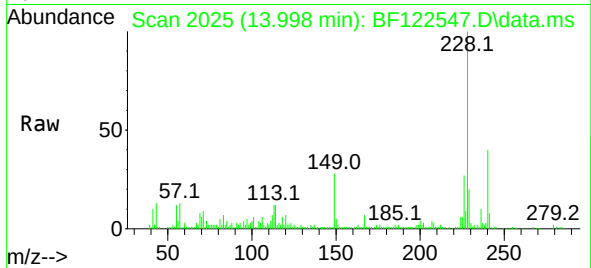
Tgt Ion:244 Resp: 1203720
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 9.5 8.1 12.1





#81
Benzo(a)anthracene
Concen: 3.50 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02

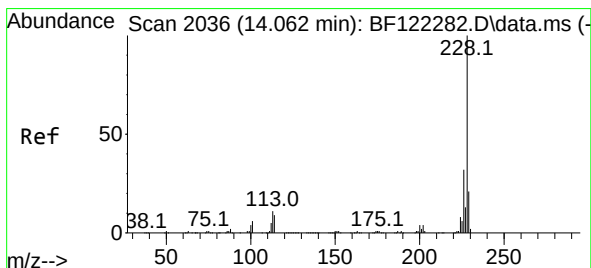
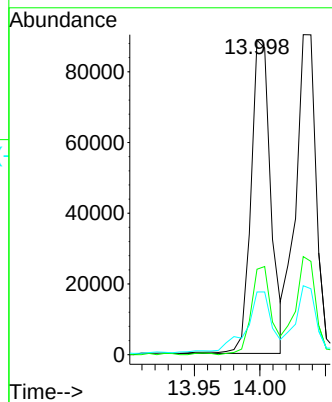
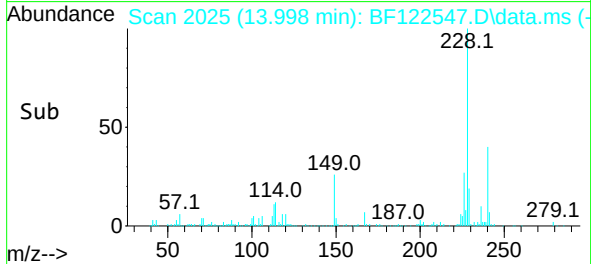
Instrument :
BNA_F
ClientSampled :
VNJ-214



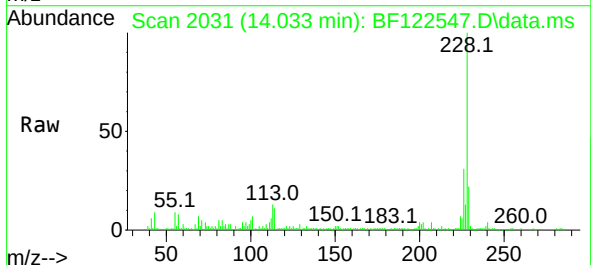
Tgt Ion:228 Resp: 92842
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 20.0 16.2 24.4

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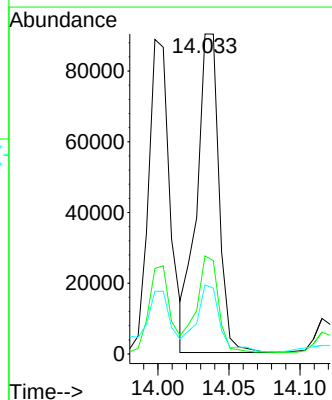
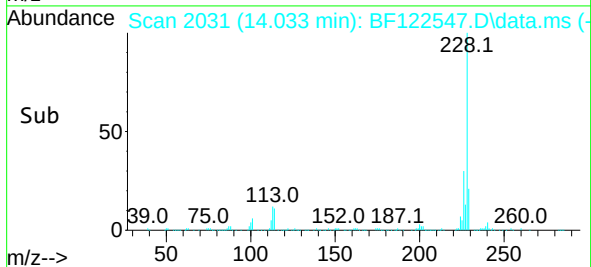
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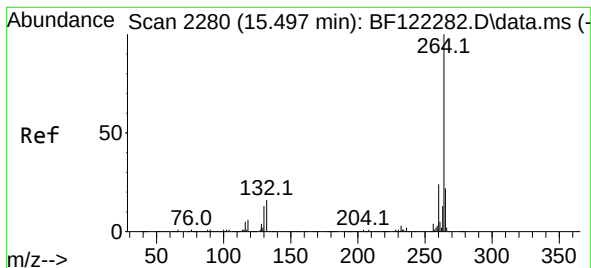


#83
Chrysene
Concen: 3.69 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02



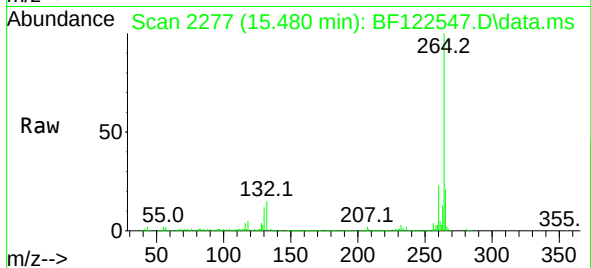
Tgt Ion:228 Resp: 98602
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 21.6 15.9 23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02

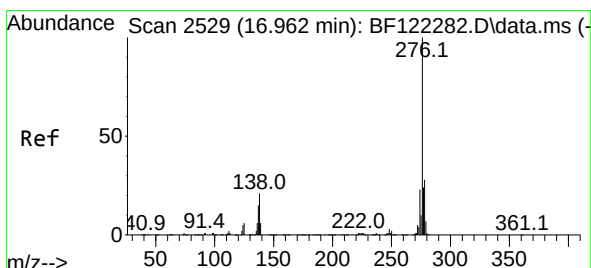
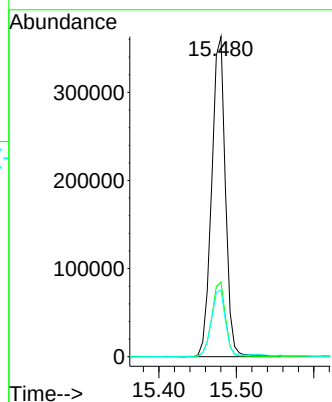
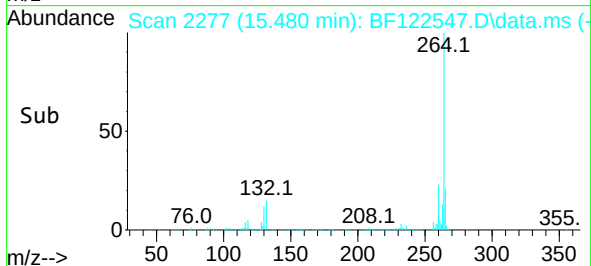
Instrument :
BNA_F
ClientSampled :
VNJ-214



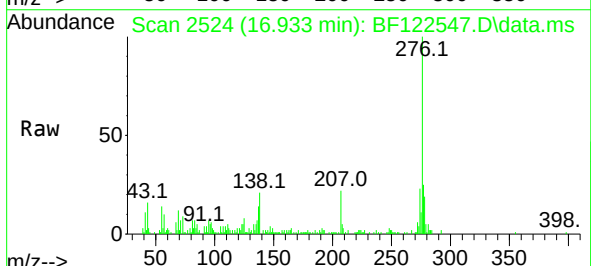
Tgt Ion:264 Resp: 447428
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 20.9 17.3 25.9

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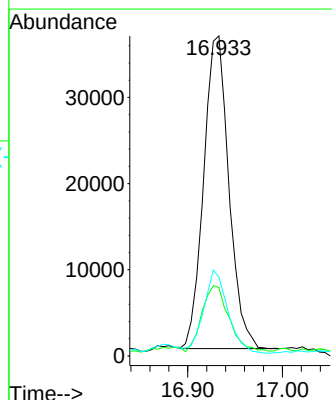
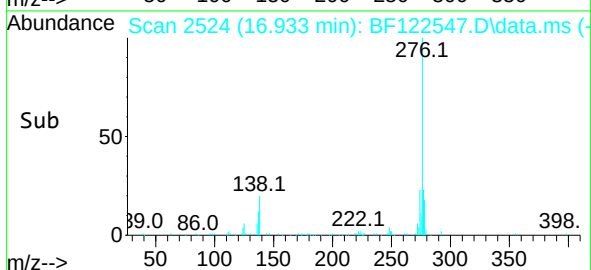
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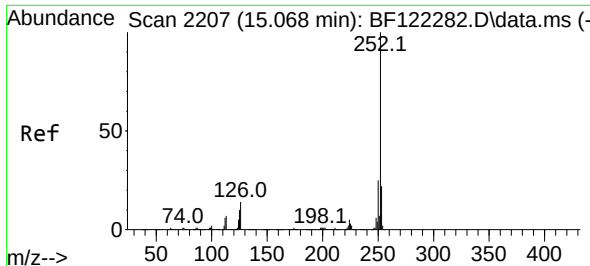


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.50 ng
RT: 16.933 min Scan# 2524
Delta R.T. -0.012 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02

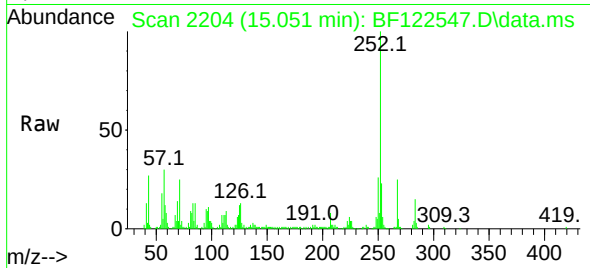


Tgt Ion:276 Resp: 67105
Ion Ratio Lower Upper
276 100
138 22.5 19.9 29.9
277 25.6 20.4 30.6

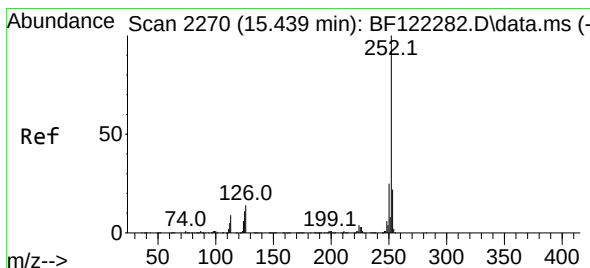
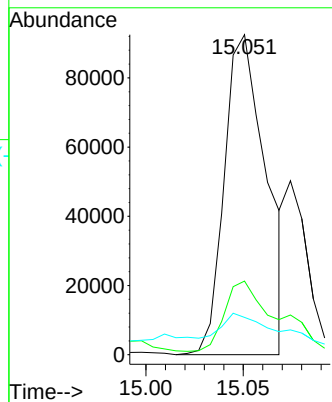
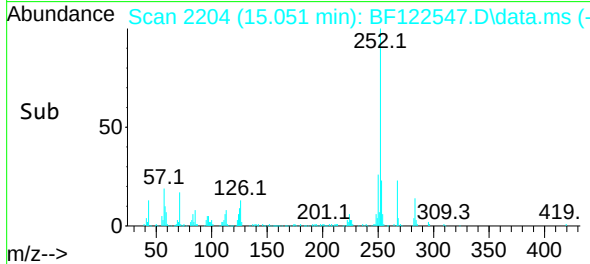




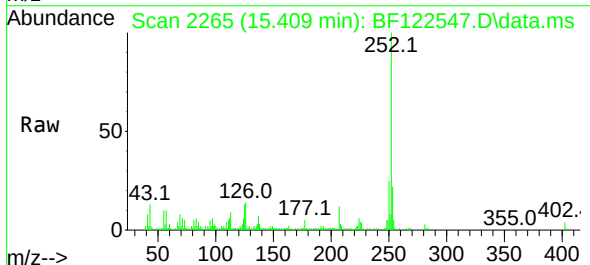
#88
Benzo(b)fluoranthene
Concen: 4.77 ng m
RT: 15.051 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02



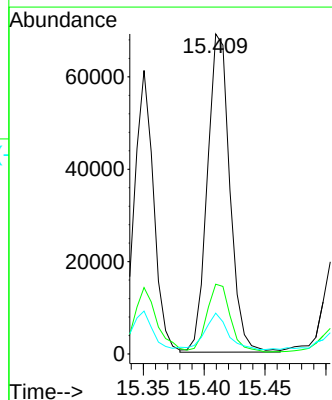
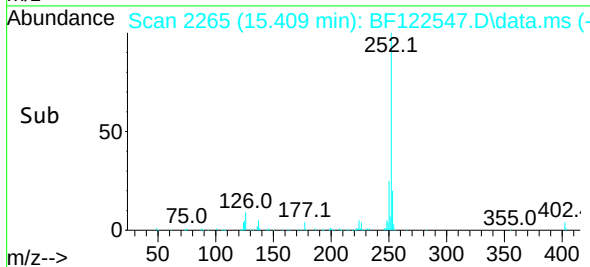
Tgt Ion:252 Resp: 138125
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 11.7 8.0 12.0



#90
Benzo(a)pyrene
Concen: 3.51 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.012 min
Lab File: BF122547.D
Acq: 4 Dec 2020 16:02



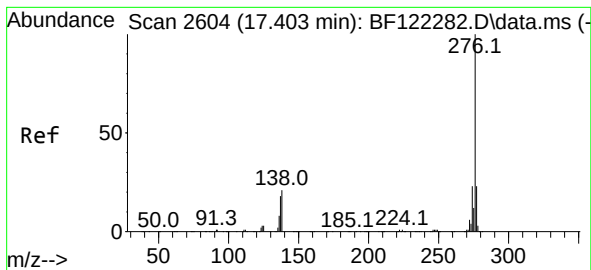
Tgt Ion:252 Resp: 88694
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 12.8 8.6 13.0



Instrument :
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ClientSampleId :
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#92

Benzo(g,h,i)perylene

Concen: 3.26 ng

RT: 17.374 min Scan# 2599

Delta R.T. -0.012 min

Lab File: BF122547.D

Acq: 4 Dec 2020 16:02

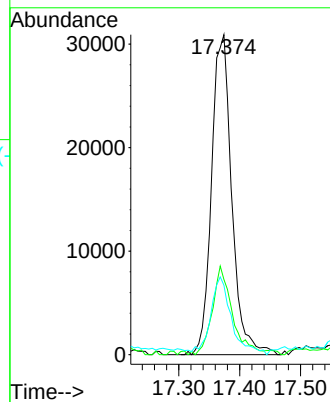
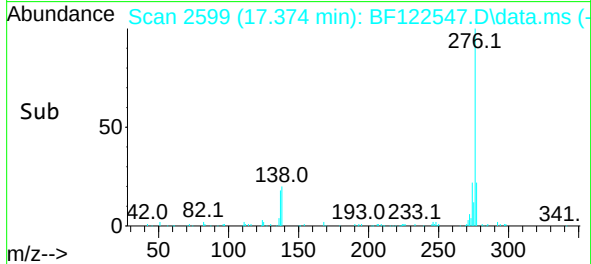
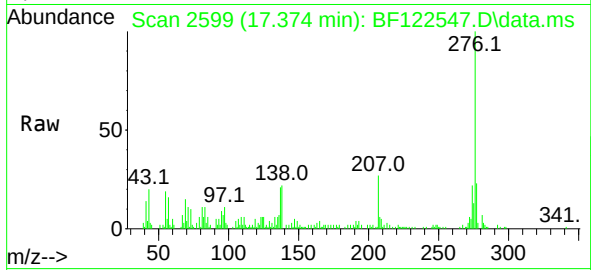
Tgt Ion: 276 Resp: 71338

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 21.7 17.8 26.6



Instrument :

BNA_F

ClientSampleId :

VNJ-214

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