

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
 Data File : BF122943.D
 Acq On : 8 Jan 2021 16:28
 Operator : JU/CG
 Sample : M1044-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Manual Integrations
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Quant Time: Jan 08 17:44:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 08 16:17:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	165567	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	626851	20.00	ng	0.00
39) Acenaphthene-d10	9.957	164	328858	20.00	ng	0.00
64) Phenanthrene-d10	11.445	188	603012	20.00	ng	0.00
76) Chrysene-d12	14.098	240	460027	20.00	ng	0.00
86) Perylene-d12	15.586	264	445084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	957383	86.81	ng	0.00
7) Phenol-d6	6.528	99	1211138	80.92	ng	-0.01
23) Nitrobenzene-d5	7.469	82	694784	54.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	324519	87.36	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	1239550	53.43	ng	0.00
79) Terphenyl-d14	13.039	244	1232024	49.62	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.539	94	32250	2.18	ng	84
50) Dimethylphthalate	9.669	163	85295	3.49	ng	99
71) Phenanthrene	11.469	178	157618	4.61	ng	98
75) Fluoranthene	12.663	202	268065	7.37	ng	98
78) Pyrene	12.892	202	297308	8.31	ng	98
81) Benzo(a)anthracene	14.086	228	140159	4.54	ng	99
83) Chrysene	14.121	228	112130	3.77	ng	97
88) Benzo(b)fluoranthene	15.145	252	147561m	4.72	ng	
90) Benzo(a)pyrene	15.521	252	101821	3.70	ng	99
92) Benzo(g,h,i)perylene	17.533	276	66835	2.98	ng	96

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

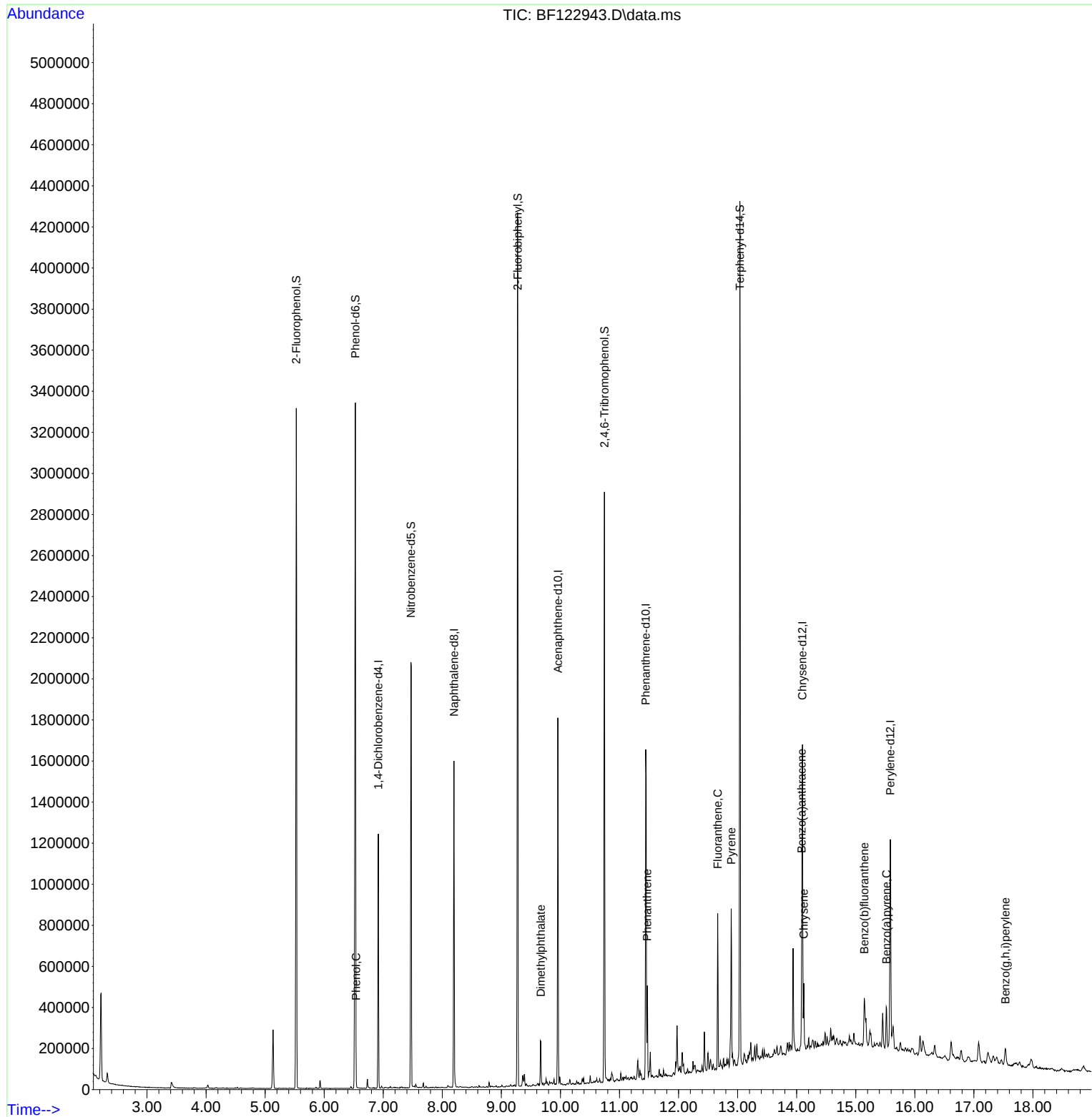
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122943.D
Acq On : 8 Jan 2021 16:28
Operator : JU/CG
Sample : M1044-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

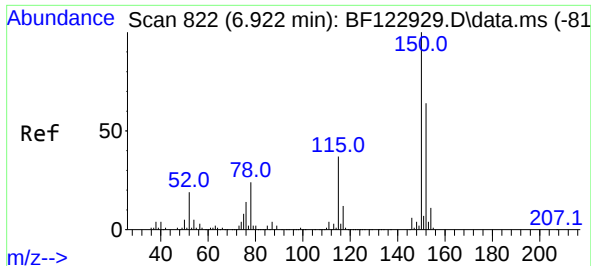
Instrument :
BNA_F
ClientSampleId :
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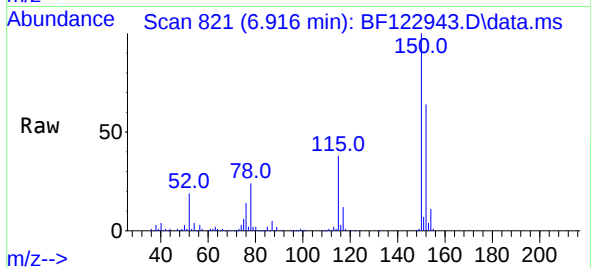
Quant Time: Jan 08 17:44:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 08 16:17:19 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28

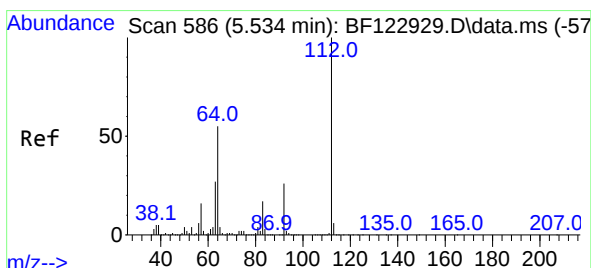
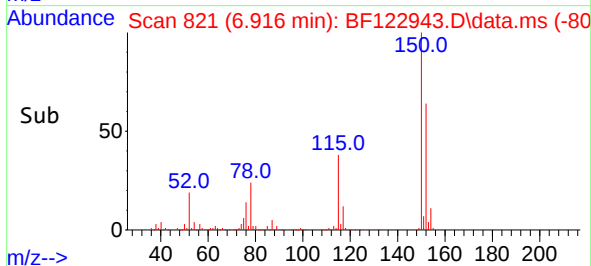
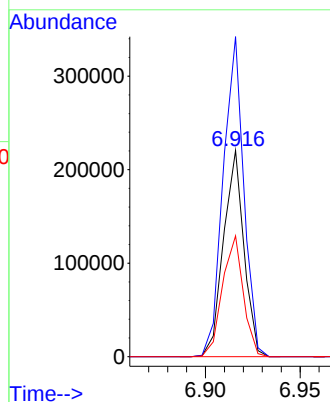
Instrument :
BNA_F
ClientSampled :
TP-12



Tgt Ion:152 Resp: 165567
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 58.6 49.3 73.9

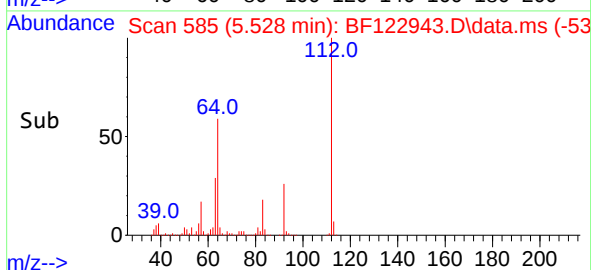
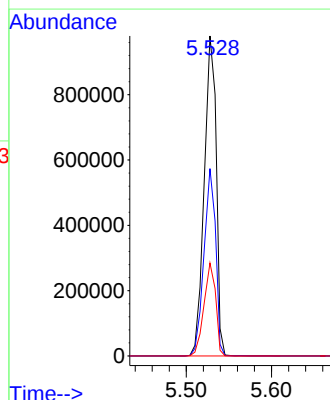
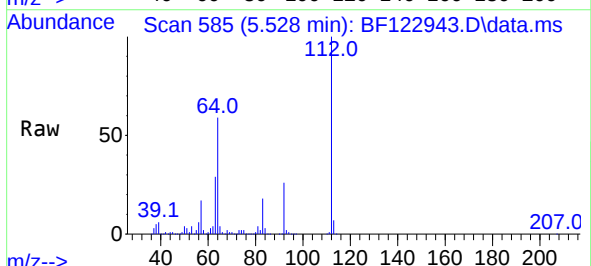
Manual Integrations
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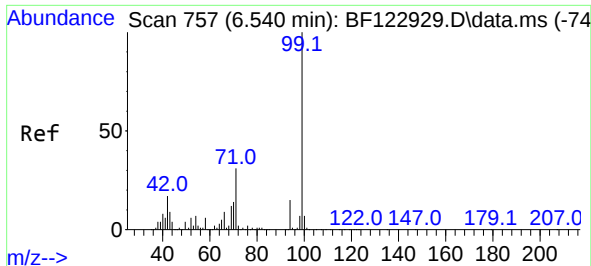
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#5
2-Fluorophenol
Concen: 86.81 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.006 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28

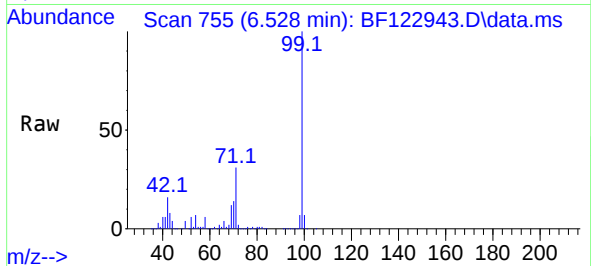
Tgt Ion:112 Resp: 957383
Ion Ratio Lower Upper
112 100
64 58.6 46.9 70.3
63 29.1 24.5 36.7





#7
Phenol-d6
Concen: 80.92 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28

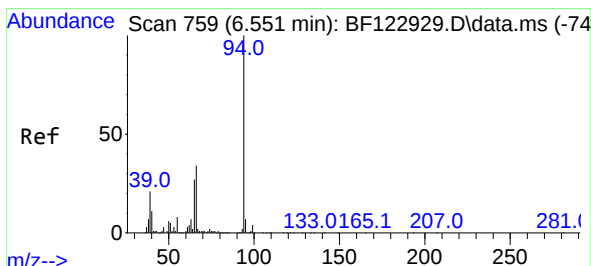
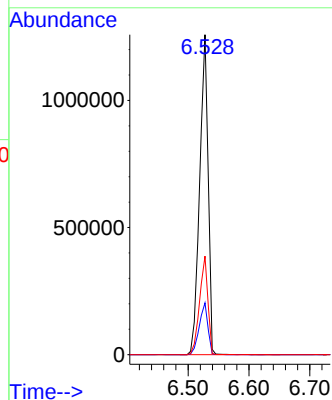
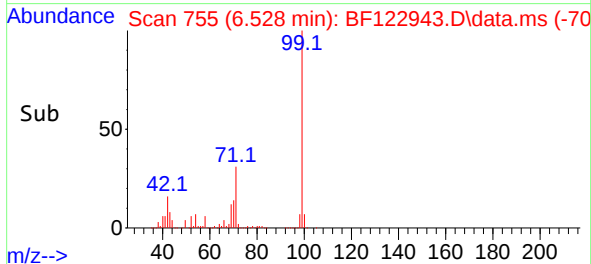
Instrument :
BNA_F
ClientSampled :
TP-12



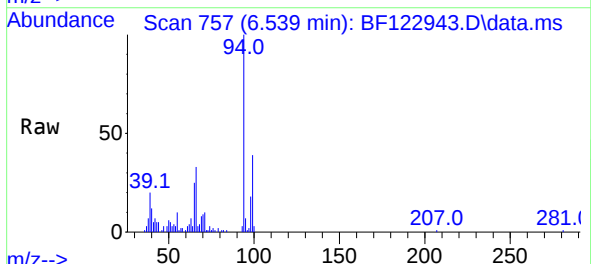
Tgt Ion: 99 Resp: 1211138
Ion Ratio Lower Upper
99 100
42 16.2 13.8 20.6
71 30.8 26.9 40.3

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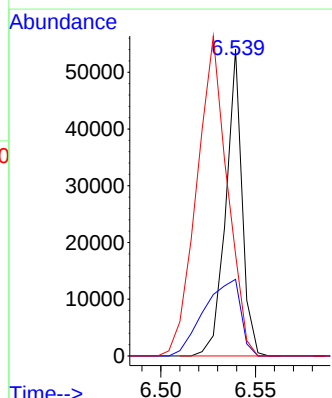
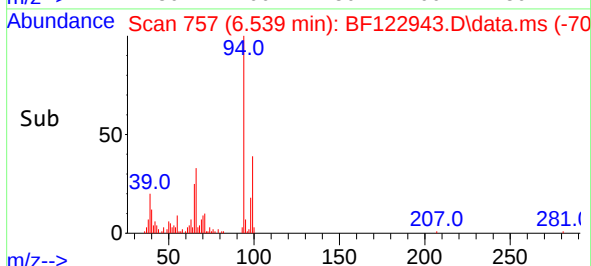
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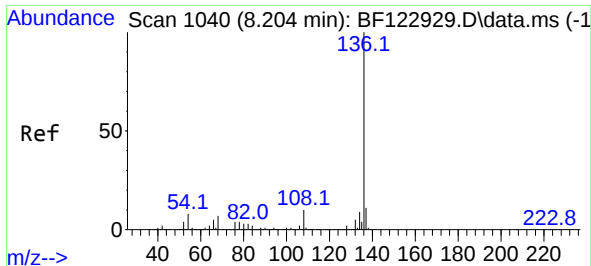


#10
Phenol
Concen: 2.18 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28



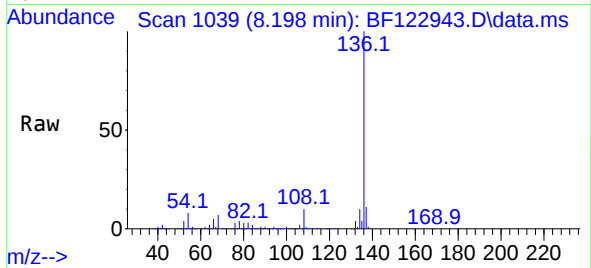
Tgt Ion: 94 Resp: 32250
Ion Ratio Lower Upper
94 100
65 25.0 11.2 51.2
66 33.1 25.8 65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28

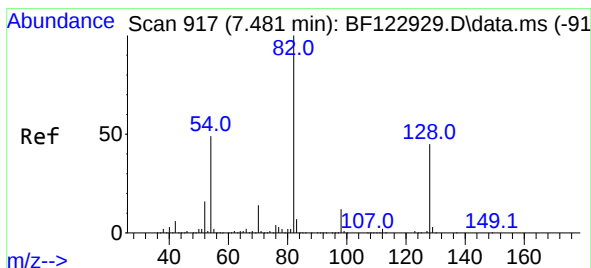
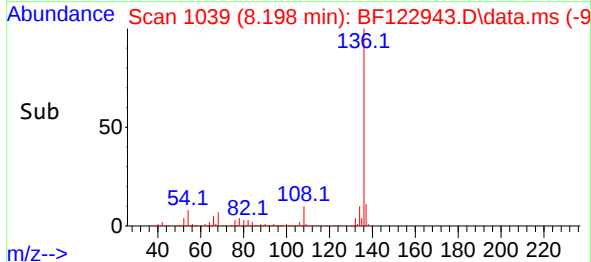
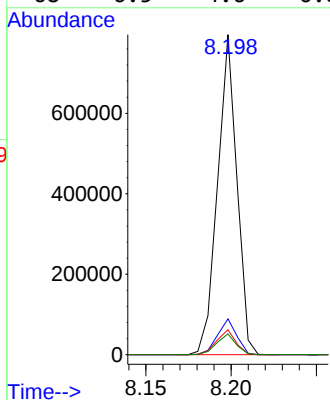
Instrument :
BNA_F
ClientSampled :
TP-12



Tgt Ion:136 Resp: 626851
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.8 5.5 8.3
68 6.5 4.6 6.8

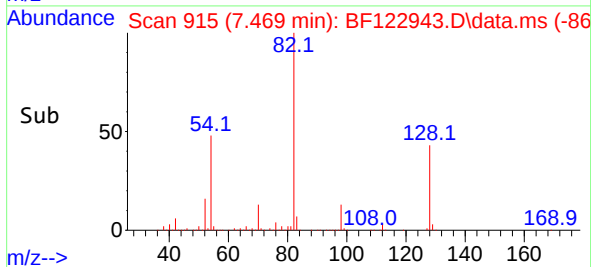
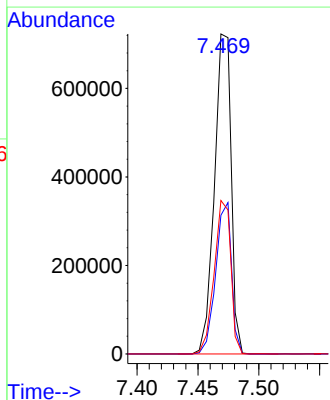
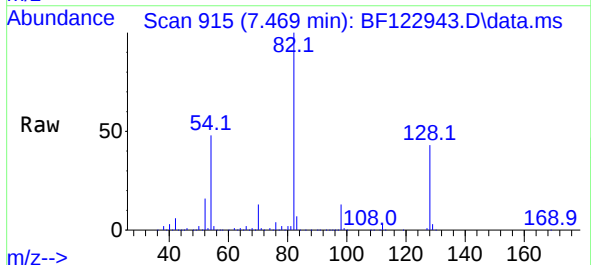
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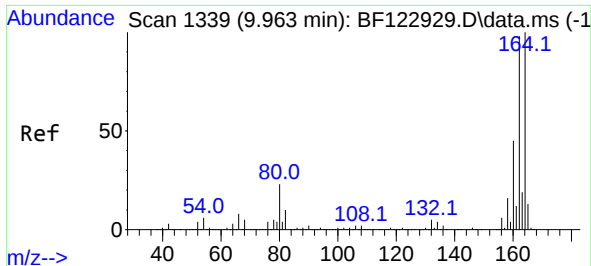
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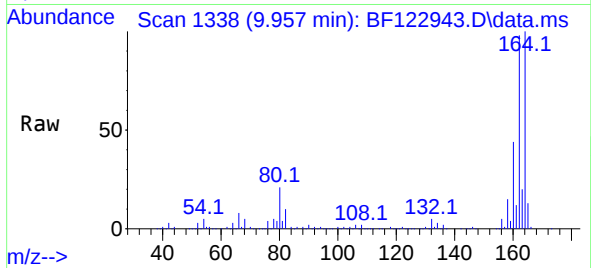
#23
Nitrobenzene-d5
Concen: 54.80 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28

Tgt Ion: 82 Resp: 694784
Ion Ratio Lower Upper
82 100
128 43.4 37.0 55.4
54 47.9 38.4 57.6

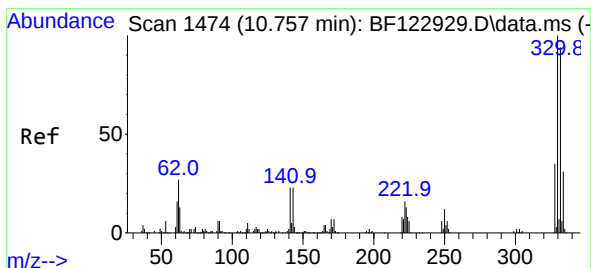
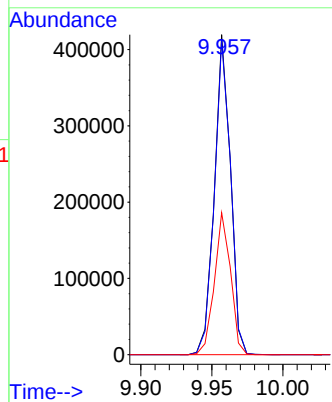
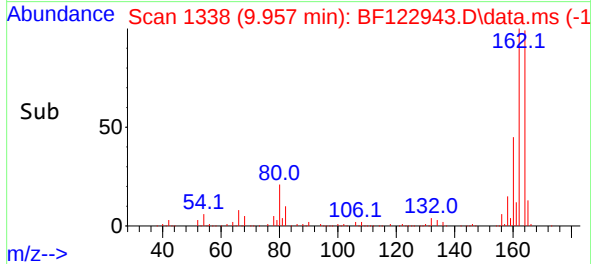




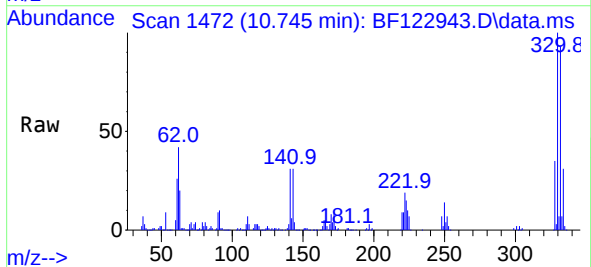
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28



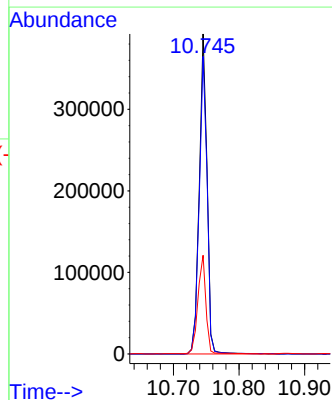
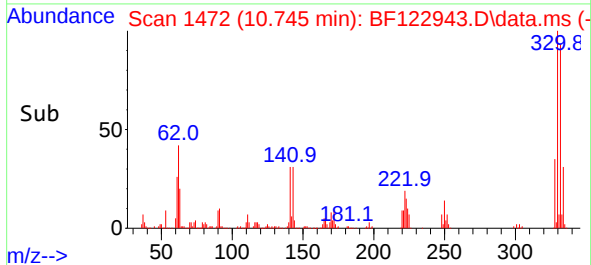
Tgt Ion:164 Resp: 328858
Ion Ratio Lower Upper
164 100
162 98.4 80.8 121.2
160 44.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 87.36 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28



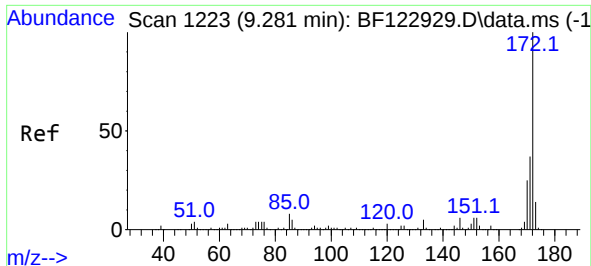
Tgt Ion:330 Resp: 324519
Ion Ratio Lower Upper
330 100
332 94.5 77.5 116.3
141 32.2 23.8 35.8



Instrument :
BNA_F
ClientSampled :
TP-12

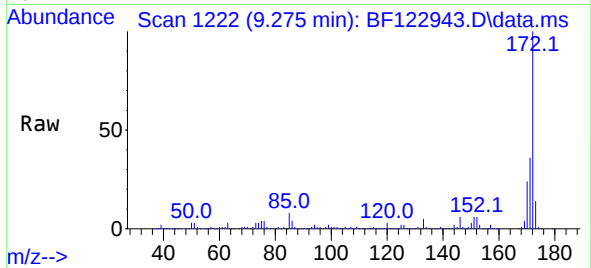
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#45
2-Fluorobiphenyl
Concen: 53.43 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28

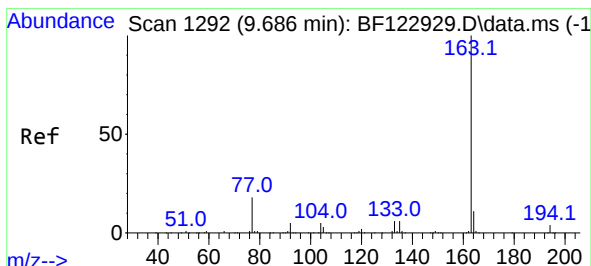
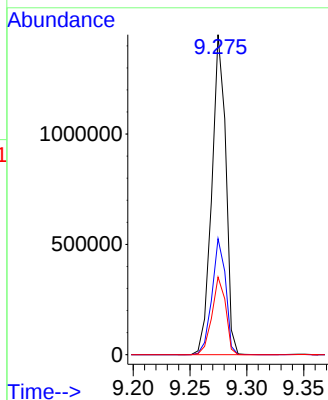
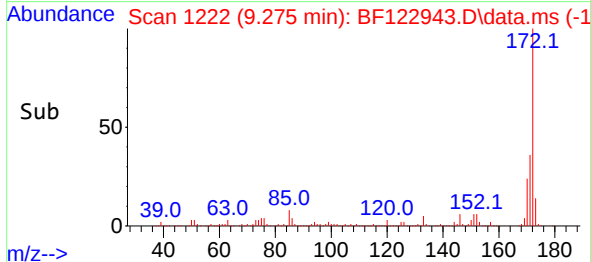
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BNA_F
ClientSampled :
TP-12



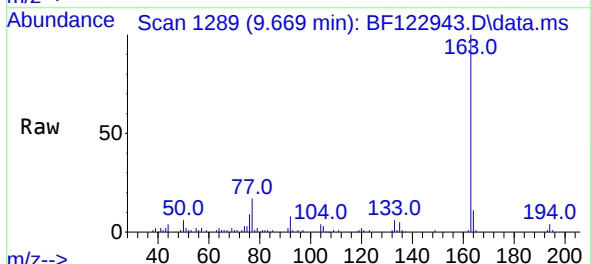
Tgt Ion:172 Resp: 1239550
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.3 19.5 29.3

Manual Integrations
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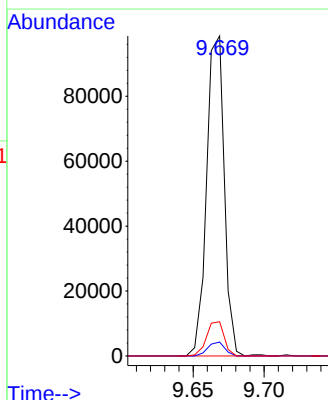
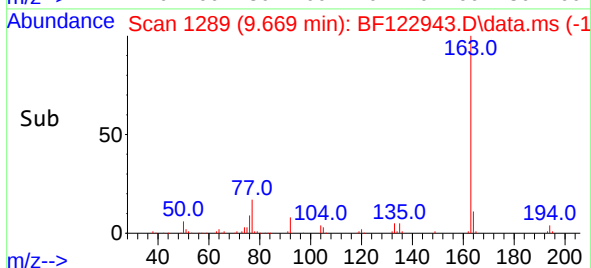
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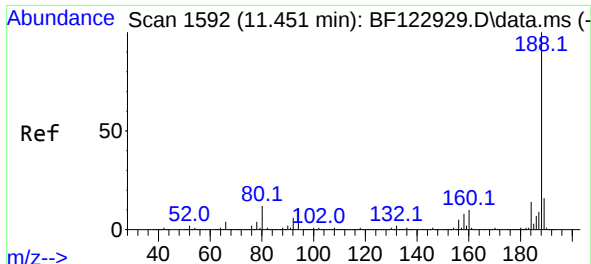


#50
Dimethylphthalate
Concen: 3.49 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28



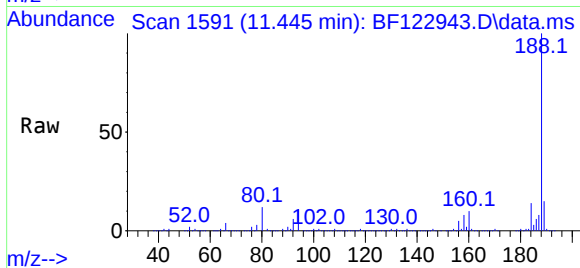
Tgt Ion:163 Resp: 85295
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.7 8.1 12.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28

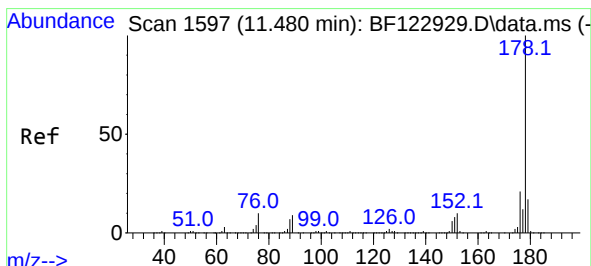
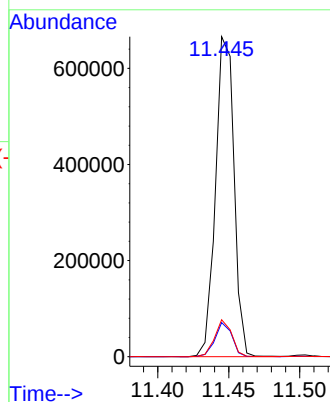
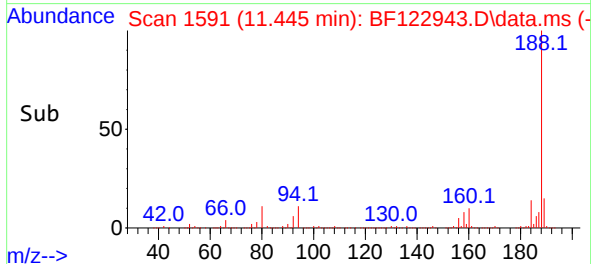
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BNA_F
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TP-12



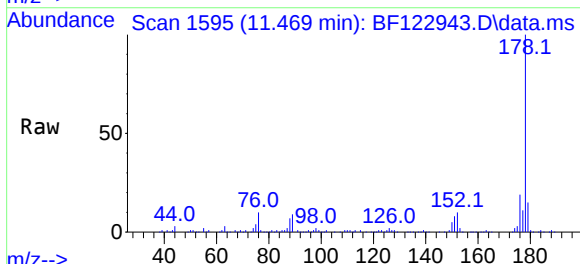
Tgt Ion:188 Resp: 603012
Ion Ratio Lower Upper
188 100
94 10.7 7.4 11.2
80 11.5 8.2 12.4

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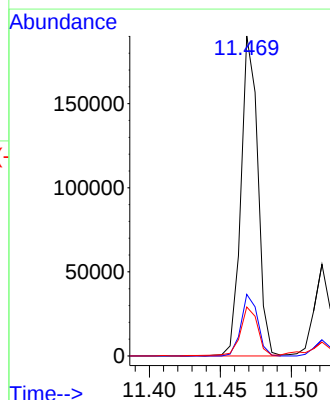
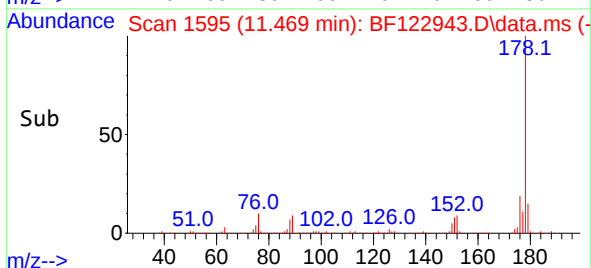
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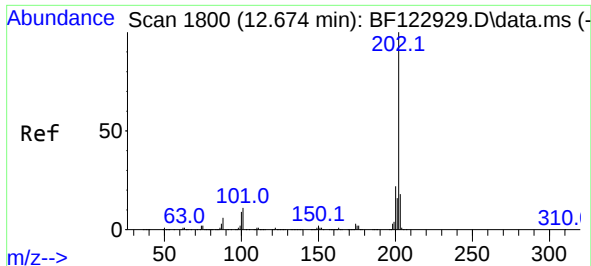


#71
Phenanthrene
Concen: 4.61 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.012 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28



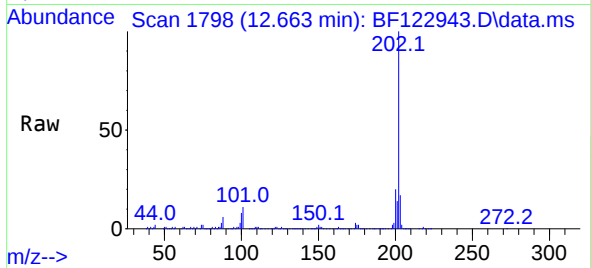
Tgt Ion:178 Resp: 157618
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.2
179 15.3 12.7 19.1





#75
Fluoranthene
Concen: 7.37 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28

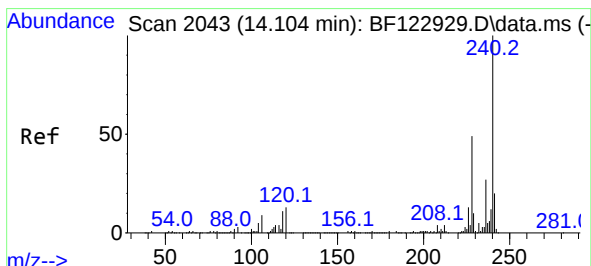
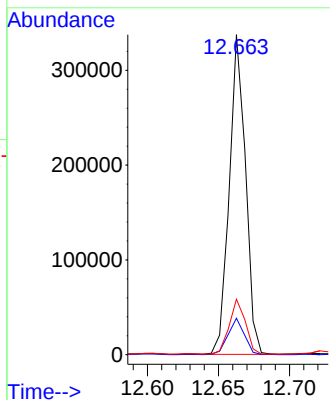
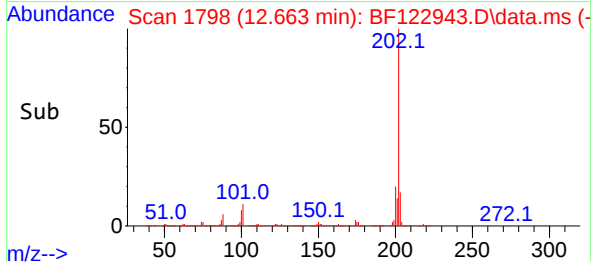
Instrument :
BNA_F
ClientSampled :
TP-12



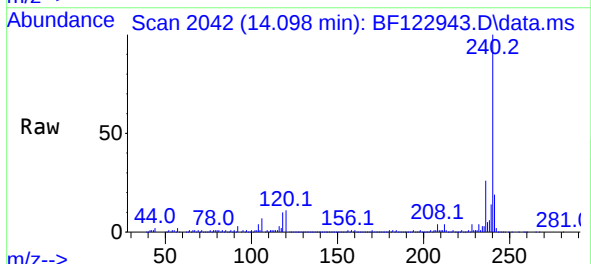
Tgt Ion:202 Resp: 268065
Ion Ratio Lower Upper
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101 11.4 0.0 32.2
203 17.3 0.0 38.1

Manual Integrations
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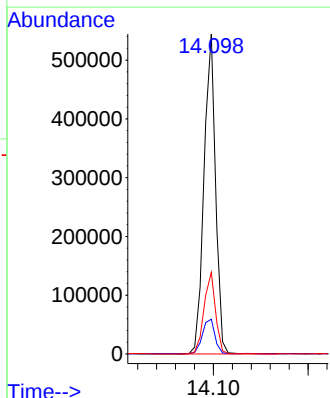
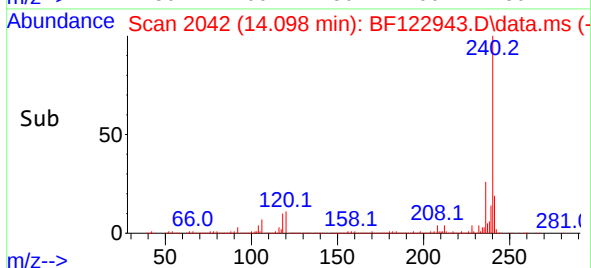
mohammad
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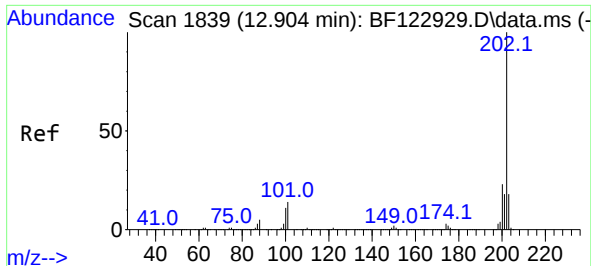


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28



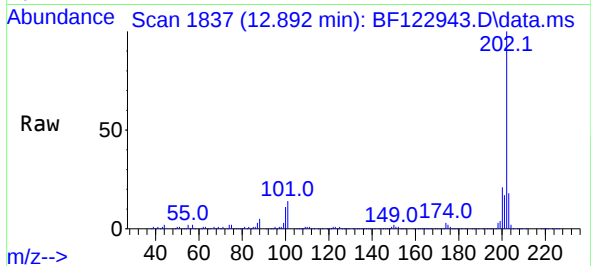
Tgt Ion:240 Resp: 460027
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.5 20.3 30.5





#78
Pyrene
Concen: 8.31 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28

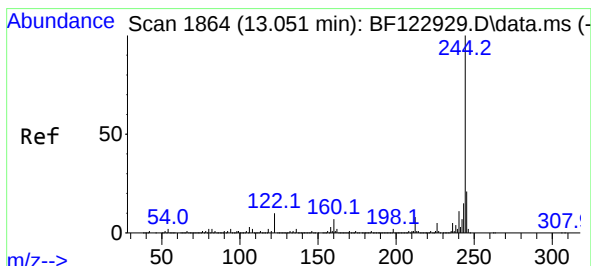
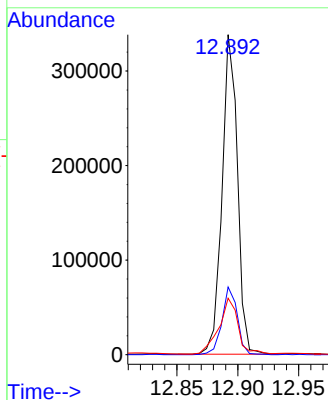
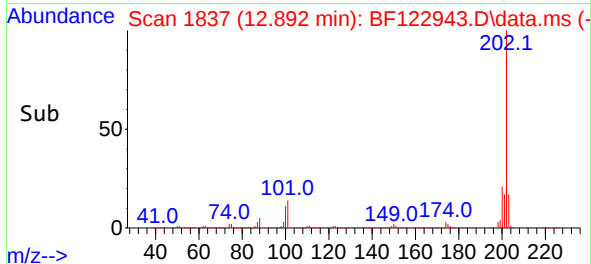
Instrument :
BNA_F
ClientSampled :
TP-12



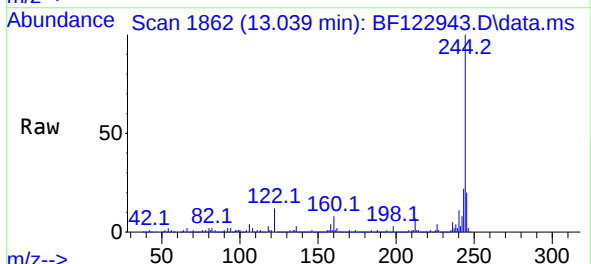
Tgt Ion:202 Resp: 297308
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 17.6 14.6 21.8

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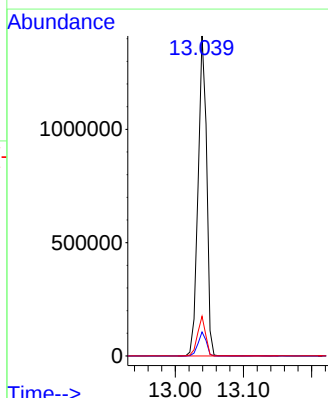
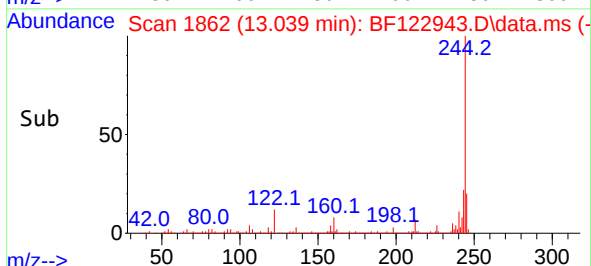
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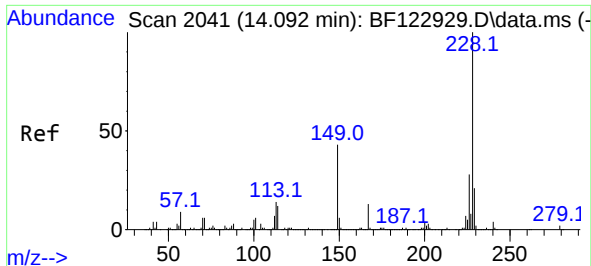


#79
Terphenyl-d14
Concen: 49.62 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28



Tgt Ion:244 Resp: 1232024
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 12.4 8.3 12.5





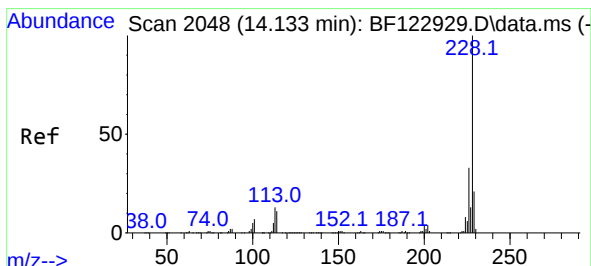
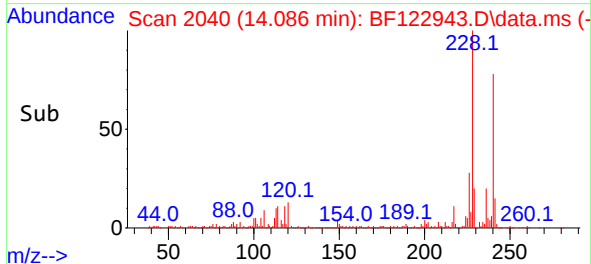
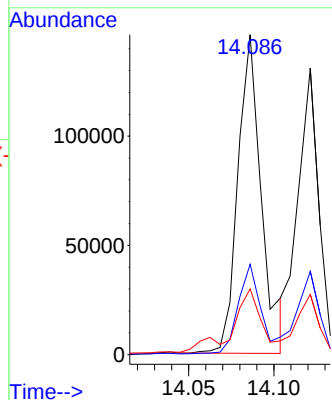
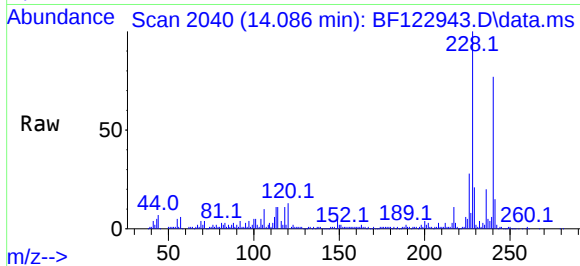
#81
Benzo(a)anthracene
Concen: 4.54 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28

Tgt Ion:228 Resp: 140159
Ion Ratio Lower Upper
228 100
226 28.2 23.0 34.4
229 20.6 16.6 24.8

Instrument :
BNA_F
ClientSampled :
TP-12

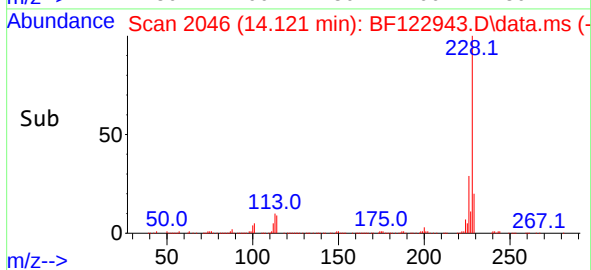
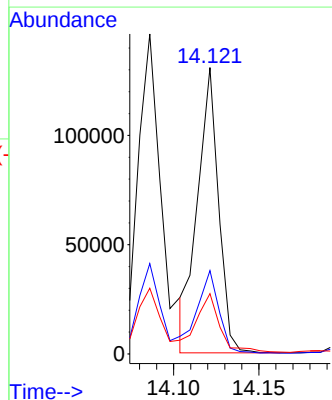
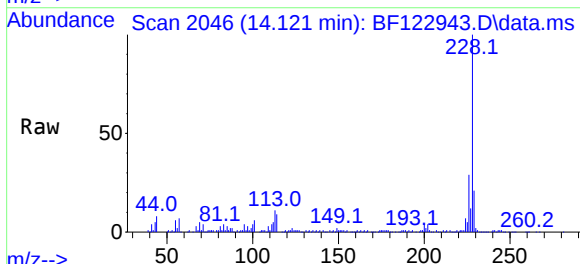
Manual Integrations
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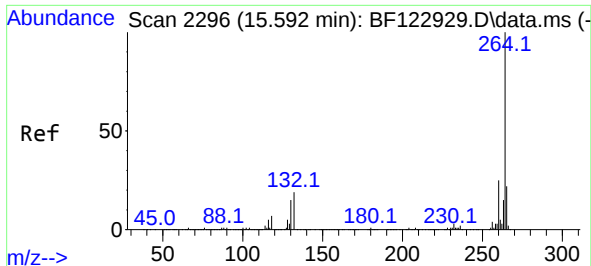
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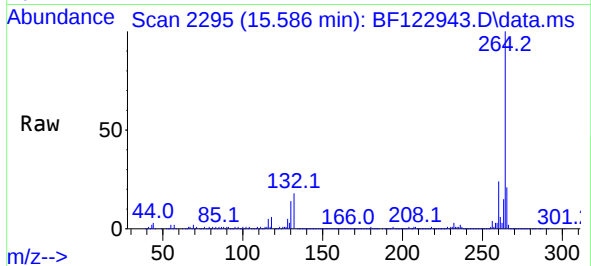
#83
Chrysene
Concen: 3.77 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28

Tgt Ion:228 Resp: 112130
Ion Ratio Lower Upper
228 100
226 29.1 24.6 36.8
229 21.1 15.8 23.6

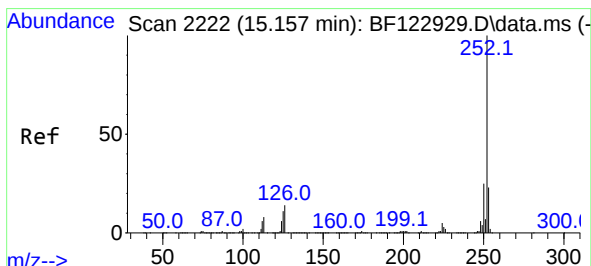
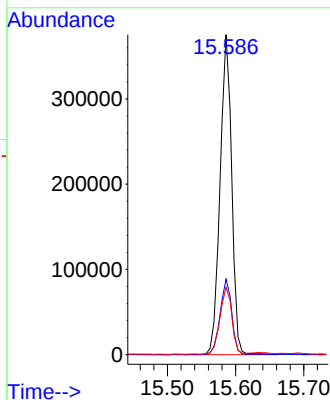
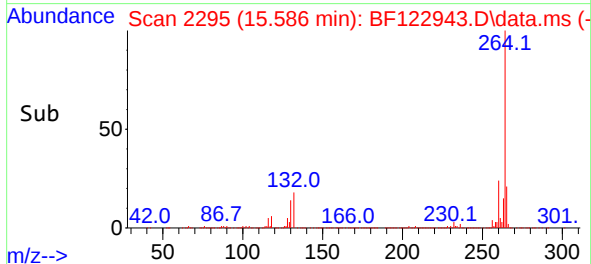




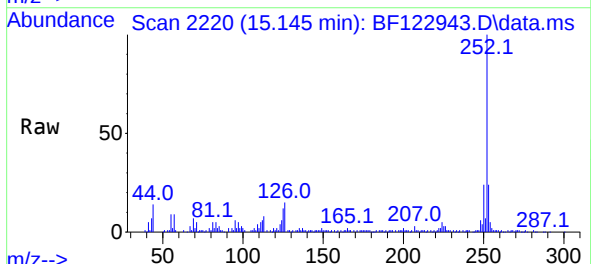
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28



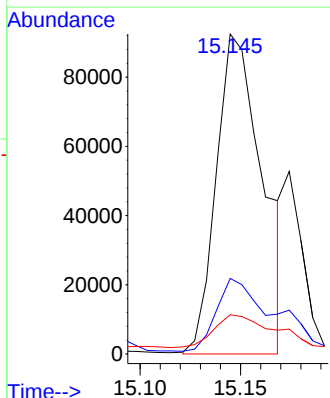
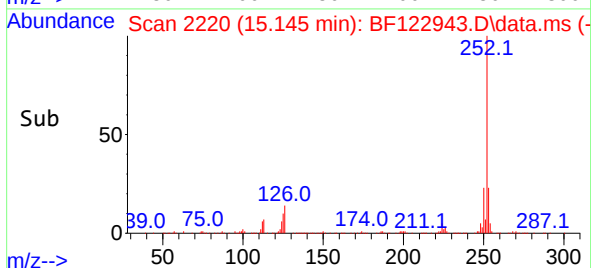
Tgt Ion:264 Resp: 445084
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.1 17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 4.72 ng m
RT: 15.145 min Scan# 2220
Delta R.T. -0.012 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28



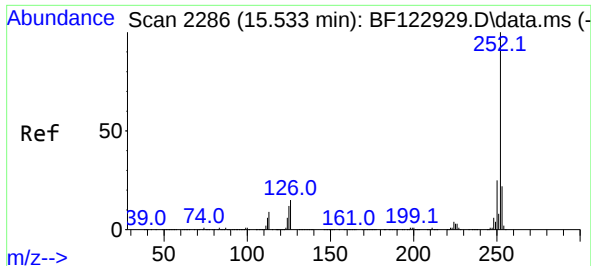
Tgt Ion:252 Resp: 147561
Ion Ratio Lower Upper
252 100
253 23.6 18.3 27.5
125 12.2 8.1 12.1#



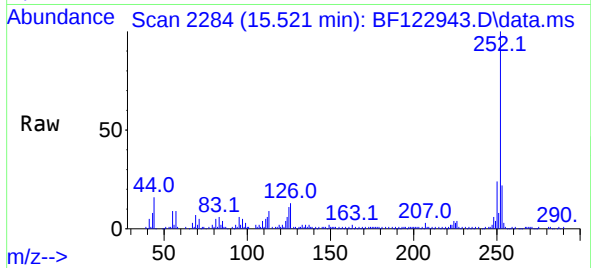
Instrument :
BNA_F
ClientSampleId :
TP-12

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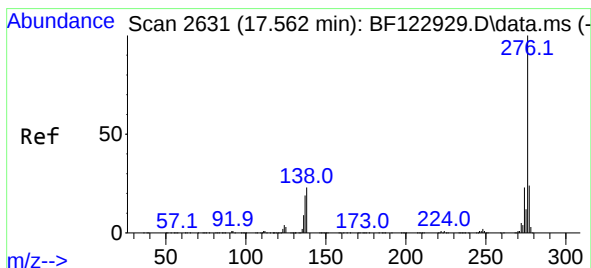
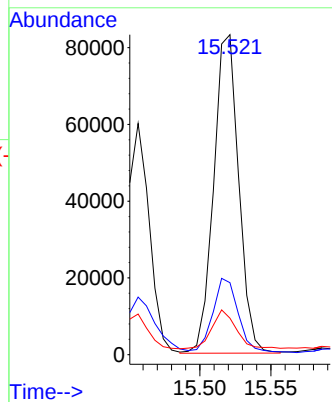
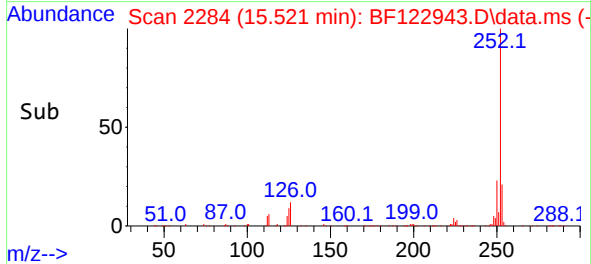
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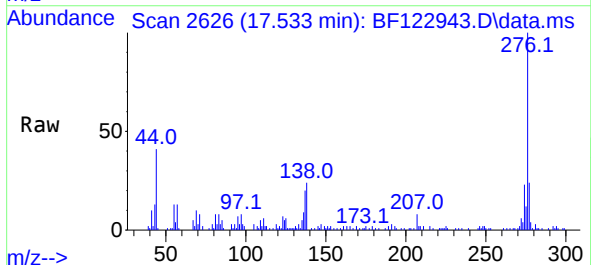
#90
Benzo(a)pyrene
Concen: 3.70 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28



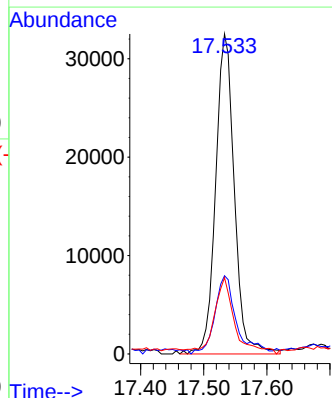
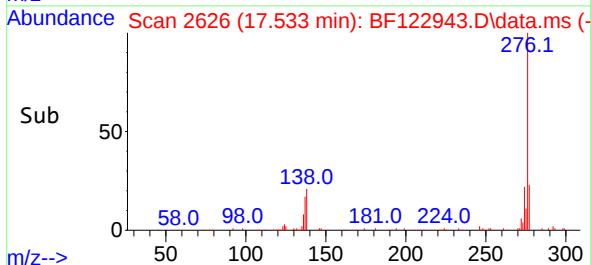
Tgt Ion:252 Resp: 101821
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.4 8.6 12.8



#92
Benzo(g,h,i)perylene
Concen: 2.98 ng
RT: 17.533 min Scan# 2626
Delta R.T. -0.030 min
Lab File: BF122943.D
Acq: 8 Jan 2021 16:28



Tgt Ion:276 Resp: 66835
Ion Ratio Lower Upper
276 100
277 24.4 19.3 28.9
138 23.9 16.6 24.8



Instrument :
BNA_F
ClientSampled :
TP-12

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