

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122600.D
 Acq On : 8 Dec 2020 21:24
 Operator : JU/CG
 Sample : L4966-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239995

Manual Integrations
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Quant Time: Dec 09 01:12:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	168863	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	665444	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	358898	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	644598	20.00	ng	0.00
76) Chrysene-d12	13.998	240	461837	20.00	ng	-0.01
86) Perylene-d12	15.462	264	462518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	921270	86.37	ng	0.00
7) Phenol-d6	6.469	99	1154540	81.62	ng	-0.01
23) Nitrobenzene-d5	7.398	82	717673	54.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	287100	61.11	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1070180	40.33	ng	0.00
79) Terphenyl-d14	12.945	244	961284	36.43	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.481	94	44573	3.04	ng	86
50) Dimethylphthalate	9.592	163	125194	4.37	ng	100
71) Phenanthrene	11.386	178	219047	5.72	ng	98
75) Fluoranthene	12.574	202	501693	12.49	ng	98
78) Pyrene	12.804	202	463954	12.99	ng	98
81) Benzo(a)anthracene	13.992	228	229295	7.43	ng	94
83) Chrysene	14.027	228	233391	7.60	ng	97
87) Indeno(1,2,3-cd)pyrene	16.909	276	125967	4.15	ng	96
88) Benzo(b)fluoranthene	15.039	252	291476m	8.98	ng	
89) Benzo(k)fluoranthene	15.062	252	71887m	2.42	ng	
90) Benzo(a)pyrene	15.398	252	196546	6.92	ng	100
92) Benzo(g,h,i)perylene	17.345	276	131812	5.48	ng	97

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

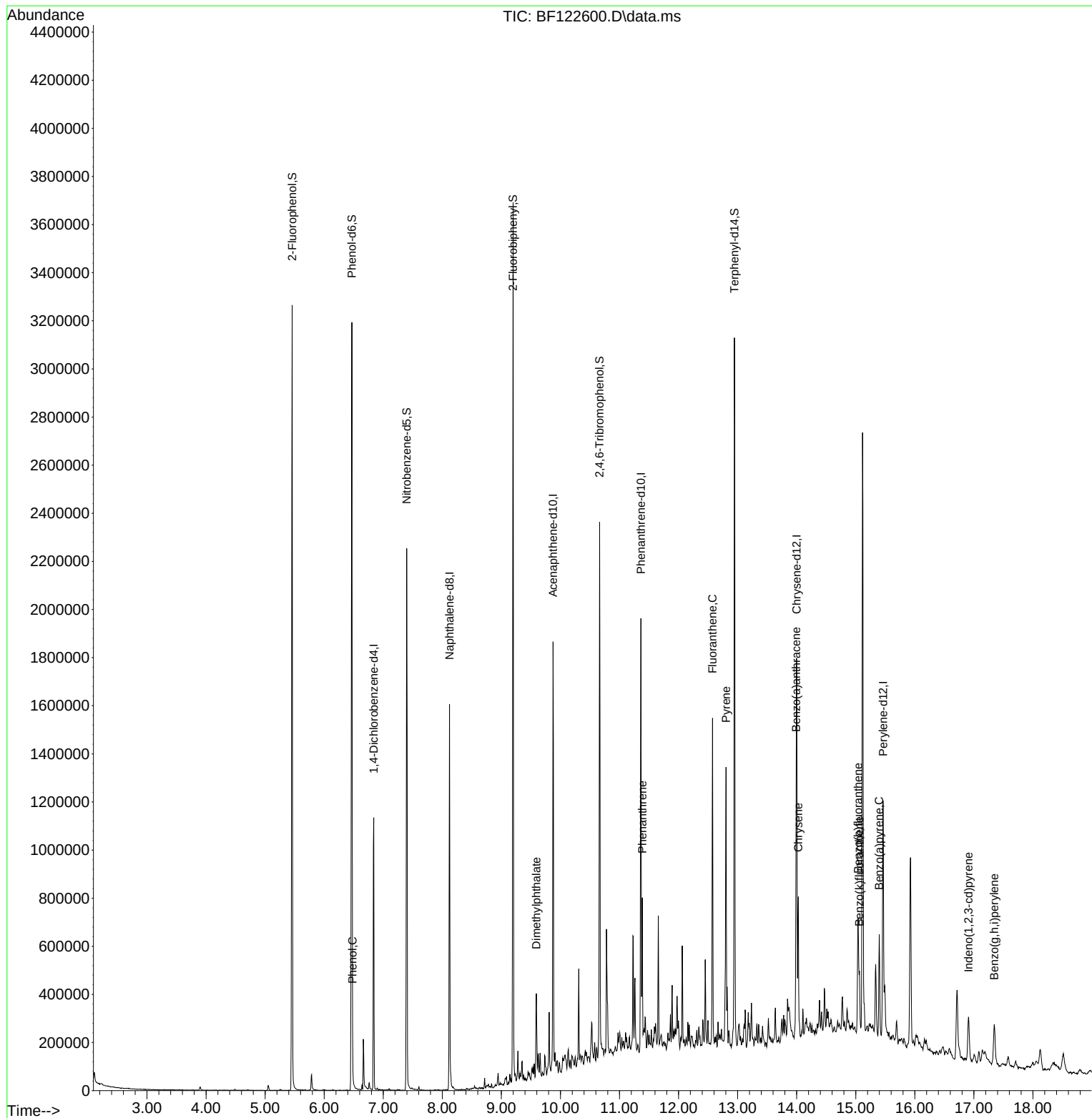
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122600.D
Acq On : 8 Dec 2020 21:24
Operator : JU/CG
Sample : L4966-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

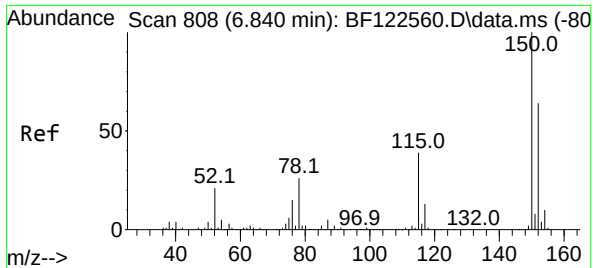
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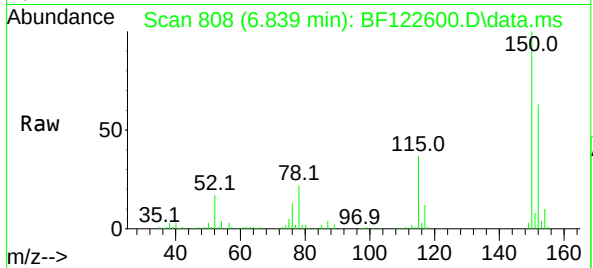
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Quant Time: Dec 09 01:12:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

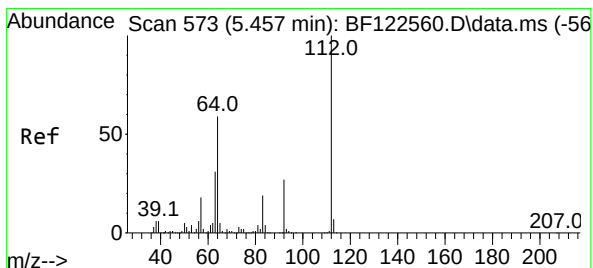
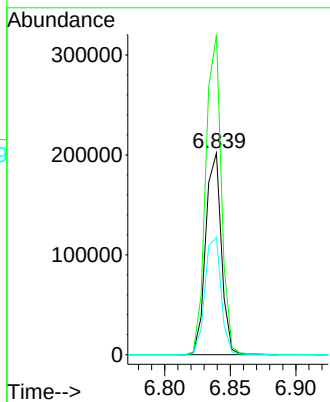
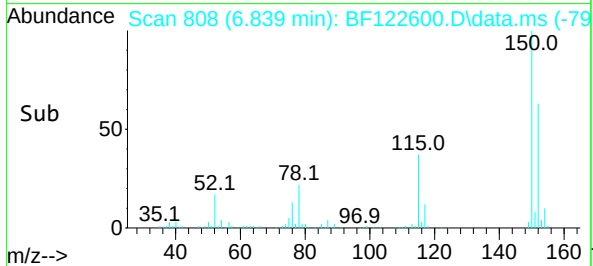




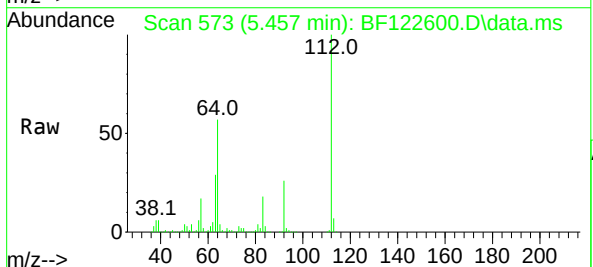
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24



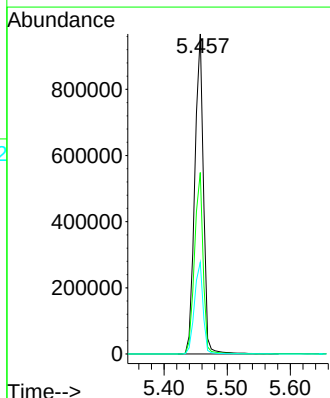
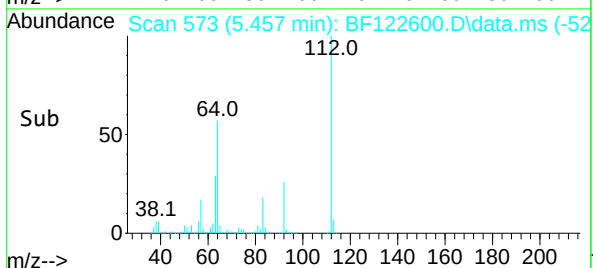
Tgt Ion:152 Resp: 168863
Ion Ratio Lower Upper
152 100
150 158.7 125.8 188.6
115 58.3 49.3 73.9



#5
2-Fluorophenol
Concen: 86.37 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24



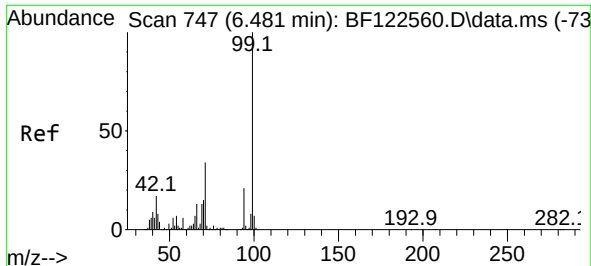
Tgt Ion:112 Resp: 921270
Ion Ratio Lower Upper
112 100
64 56.7 46.9 70.3
63 28.7 24.5 36.7



Instrument :
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#7
Phenol-d6
Concen: 81.62 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

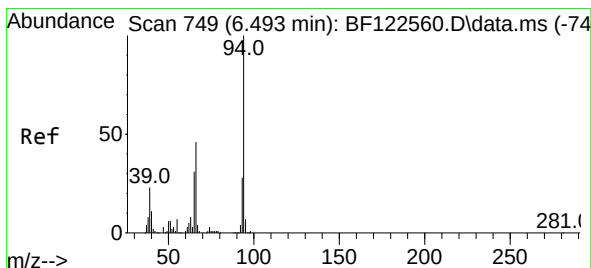
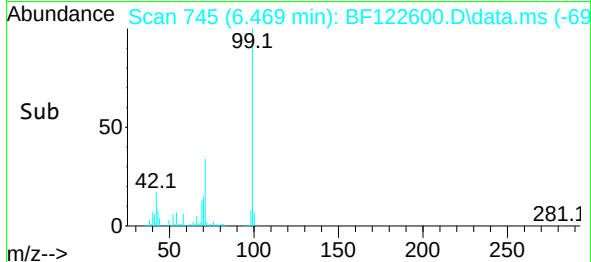
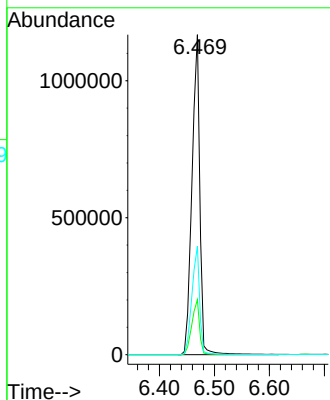
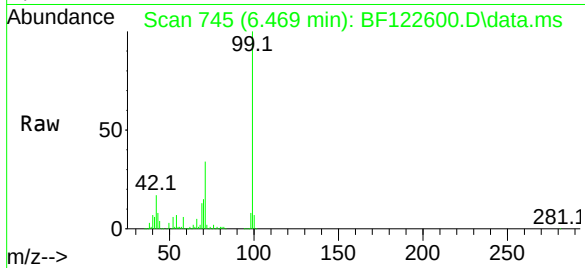
Tgt Ion: 99 Resp: 1154540

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.6
71	33.9	26.9	40.3

Instrument :
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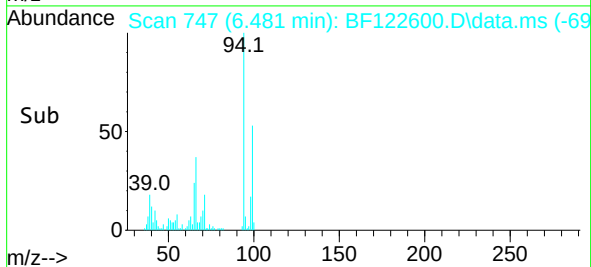
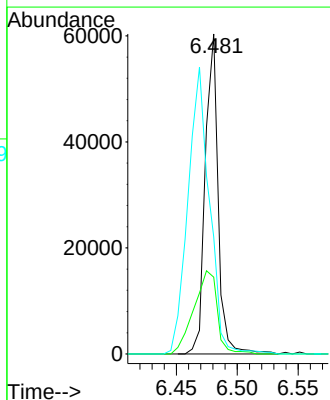
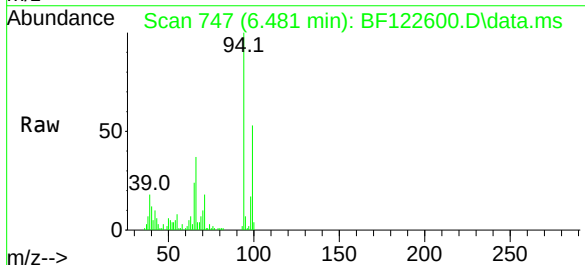
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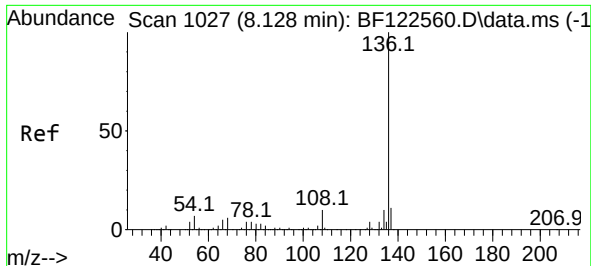


#10
Phenol
Concen: 3.04 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion: 94 Resp: 44573

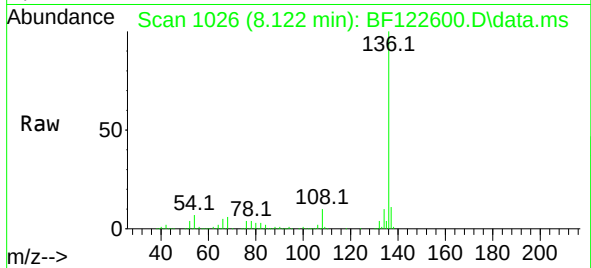
Ion	Ratio	Lower	Upper
94	100		
65	24.0	11.2	51.2
66	36.6	25.8	65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

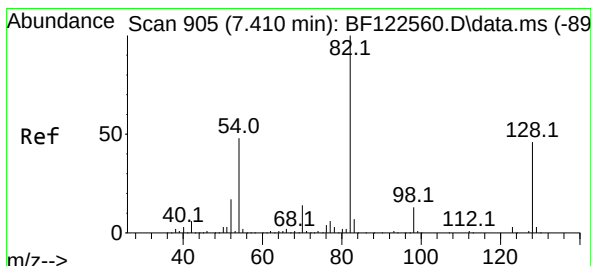
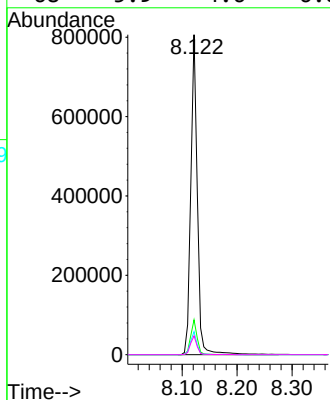
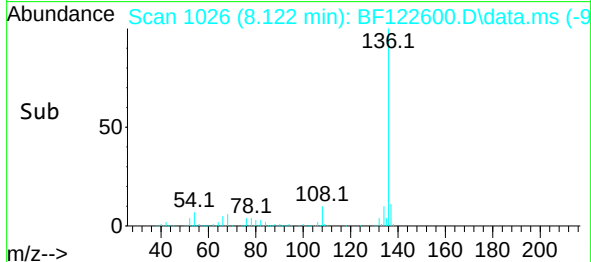
Instrument :
BNA_F
ClientSampled :
239995



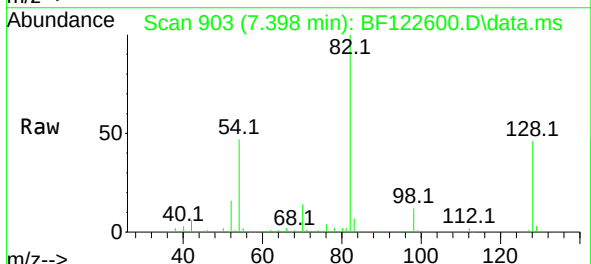
Tgt Ion:136 Resp: 665444
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.2 5.5 8.3
68 5.9 4.6 6.8

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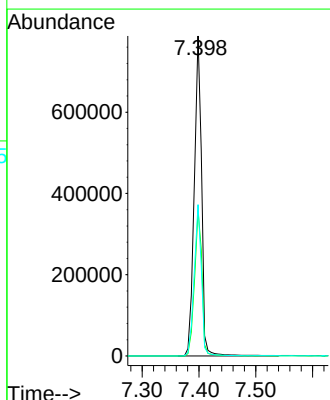
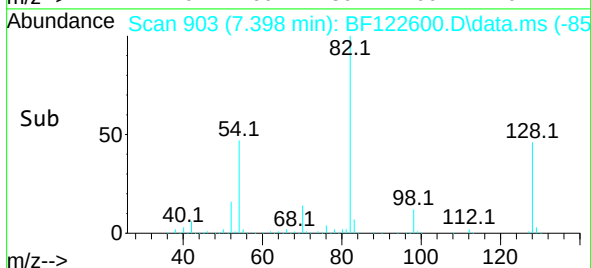
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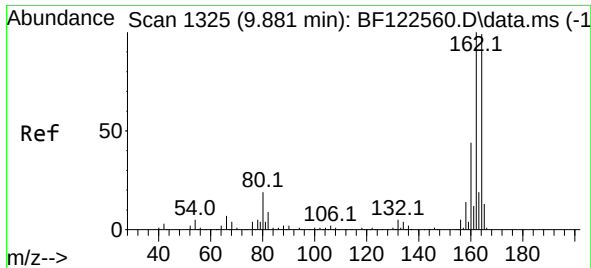


#23
Nitrobenzene-d5
Concen: 54.03 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

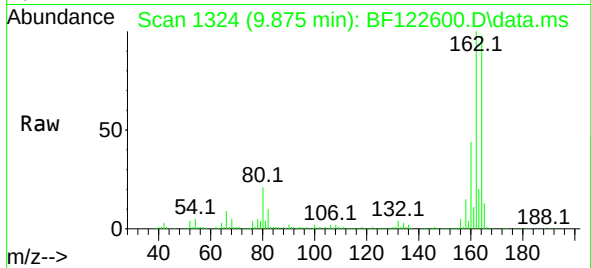


Tgt Ion: 82 Resp: 717673
Ion Ratio Lower Upper
82 100
128 45.5 37.0 55.4
54 47.3 38.4 57.6

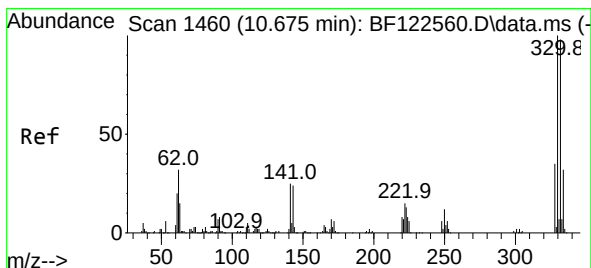
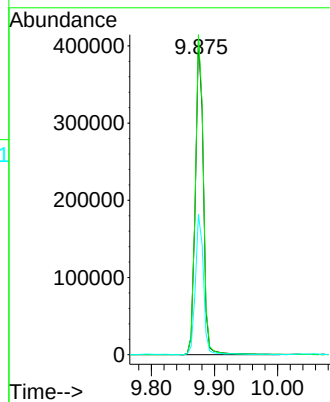
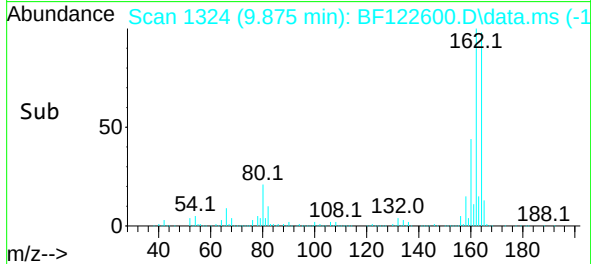




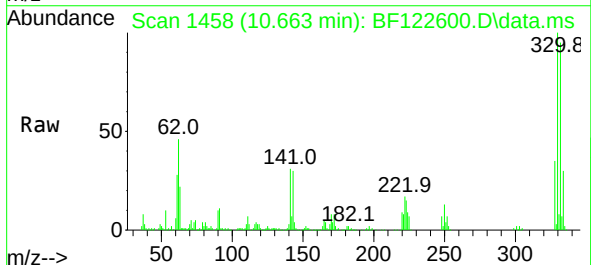
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24



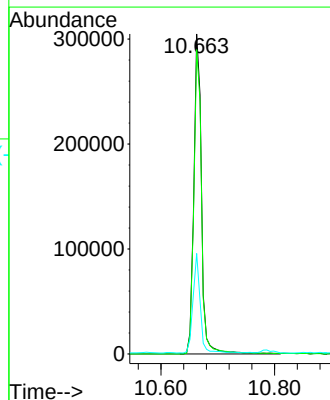
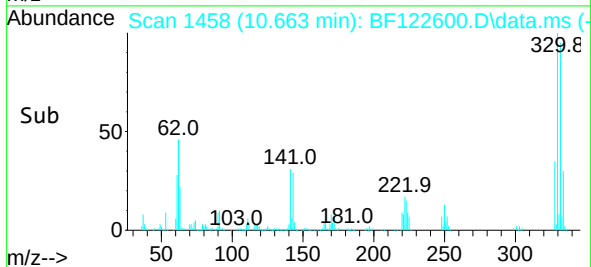
Tgt Ion:164 Resp: 358898
Ion Ratio Lower Upper
164 100
162 101.6 80.8 121.2
160 44.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 61.11 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24



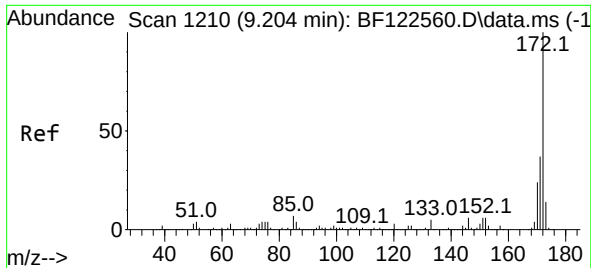
Tgt Ion:330 Resp: 287100
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 29.0 23.8 35.8



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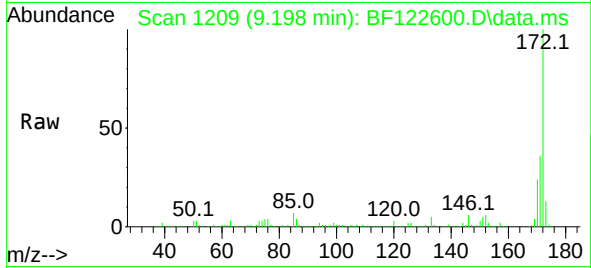
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#45
2-Fluorobiphenyl
Concen: 40.33 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

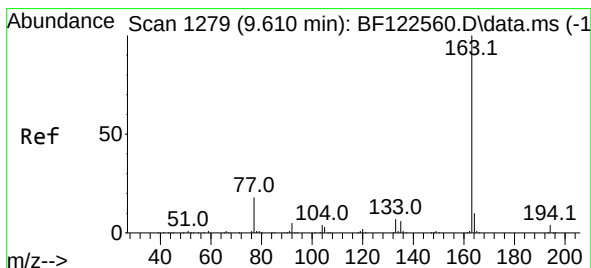
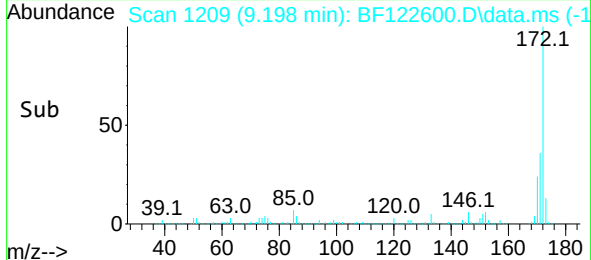
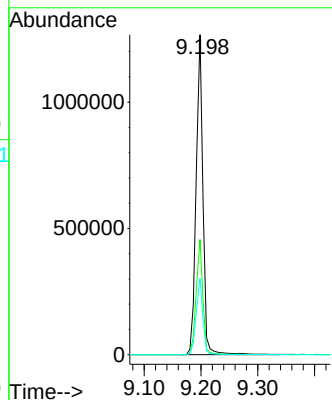
Instrument :
BNA_F
ClientSampled :
239995



Tgt Ion:172 Resp: 1070180
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.7 19.5 29.3

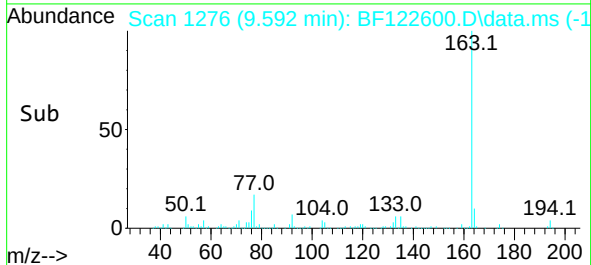
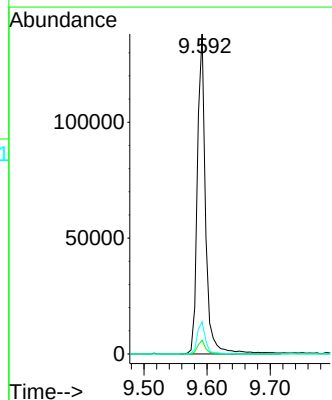
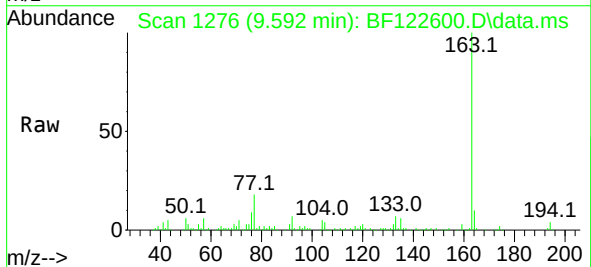
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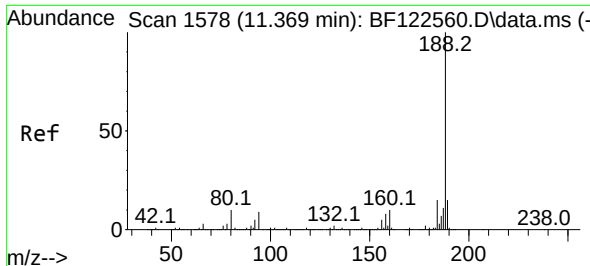
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#50
Dimethylphthalate
Concen: 4.37 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion:163 Resp: 125194
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.0 8.1 12.1





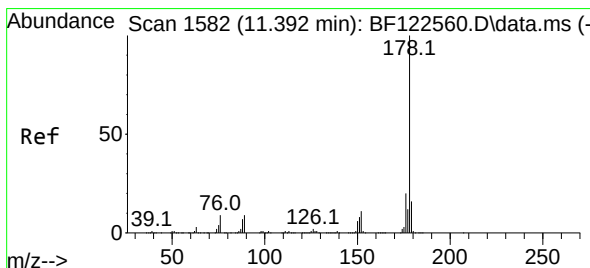
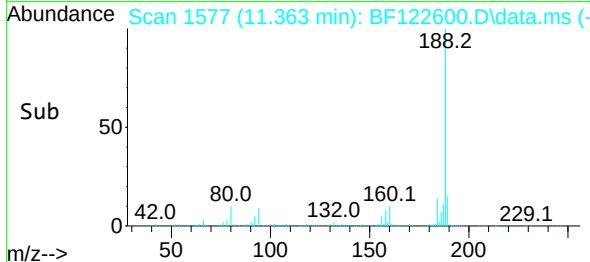
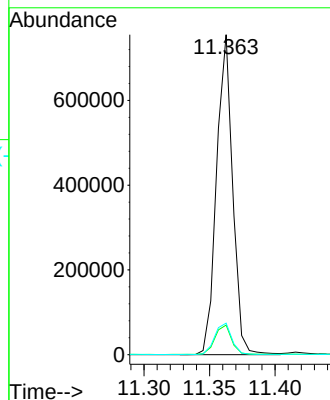
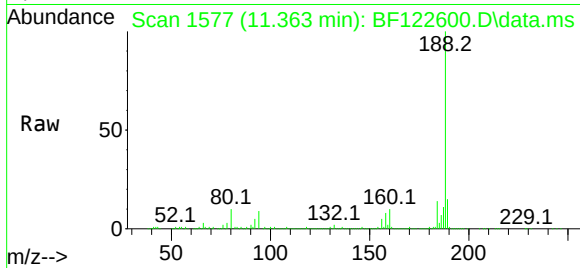
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion:188 Resp: 644598
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.9 8.2 12.4

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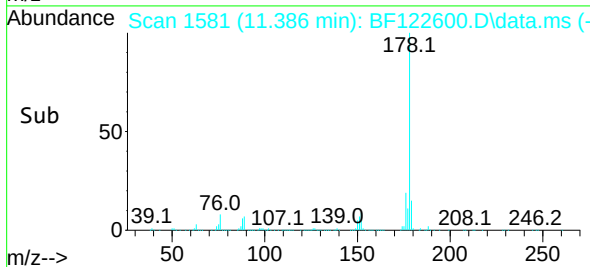
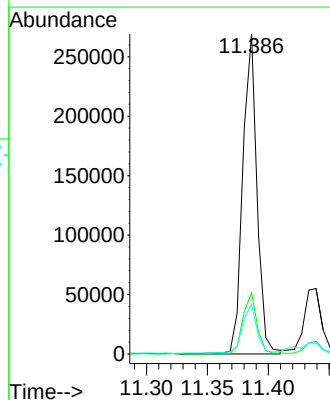
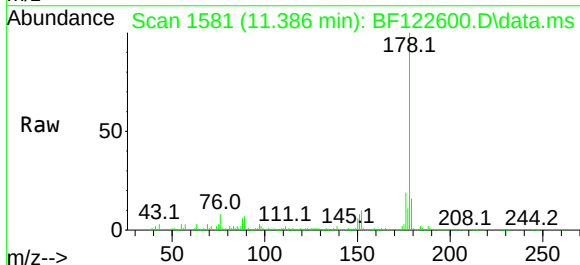
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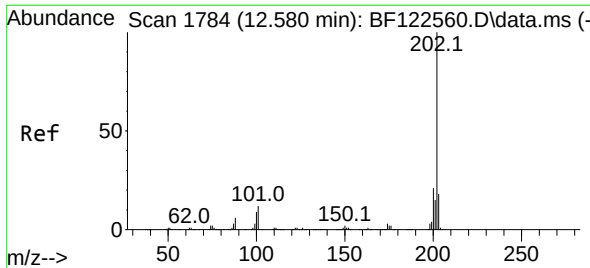
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12/9/2020 12:26:53 PM



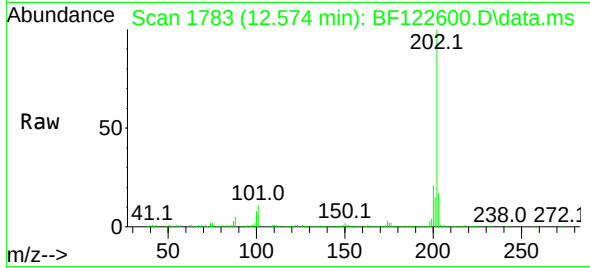
#71
Phenanthrene
Concen: 5.72 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion:178 Resp: 219047
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.2
179 15.5 12.7 19.1

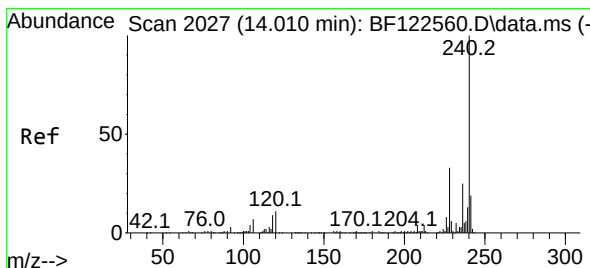
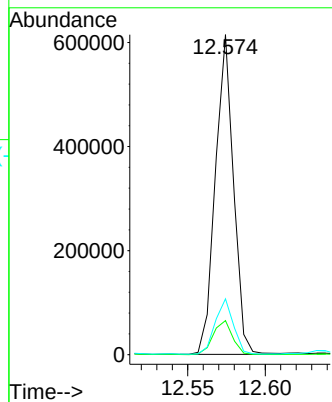
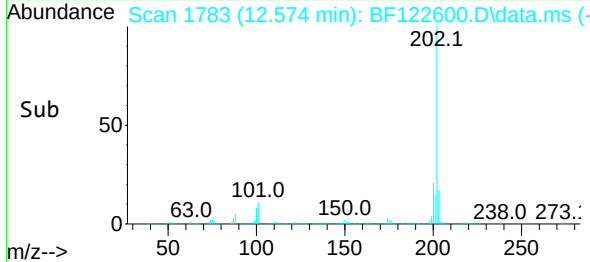




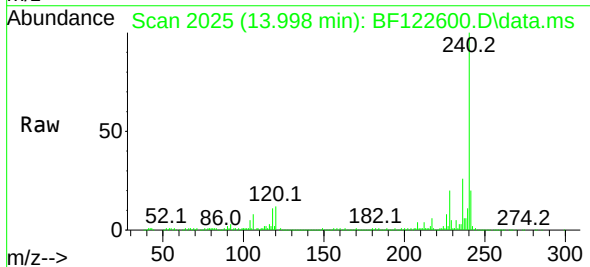
#75
Fluoranthene
Concen: 12.49 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24



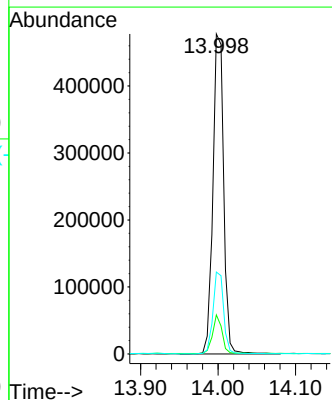
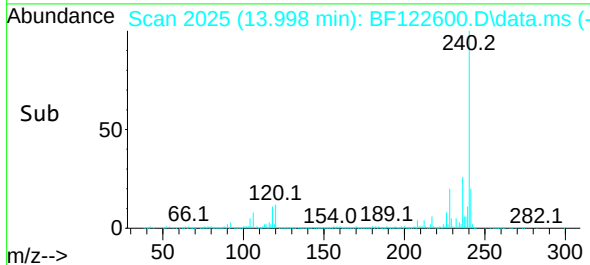
Tgt Ion:202 Resp: 501693
Ion Ratio Lower Upper
202 100
101 10.7 0.0 32.2
203 17.4 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24



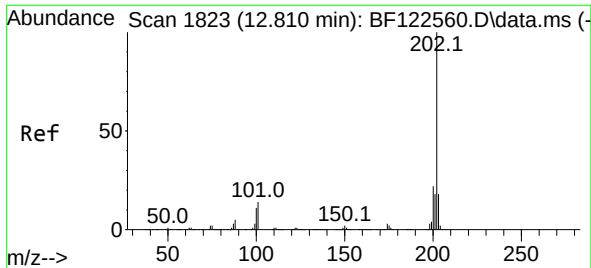
Tgt Ion:240 Resp: 461837
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 25.6 20.3 30.5



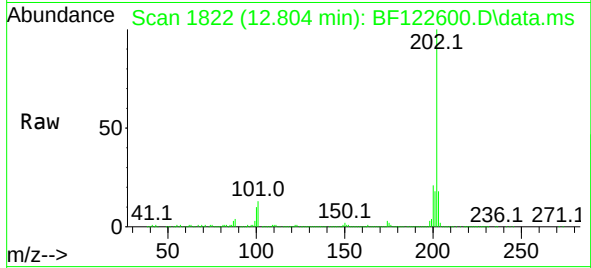
Instrument :
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ClientSampleId :
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Manual Integrations
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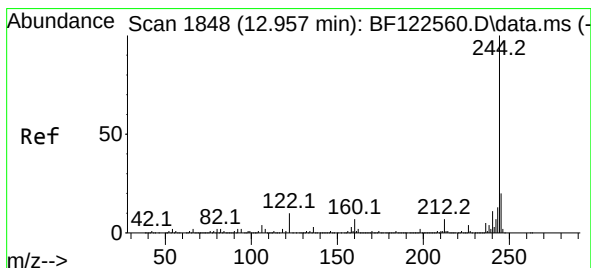
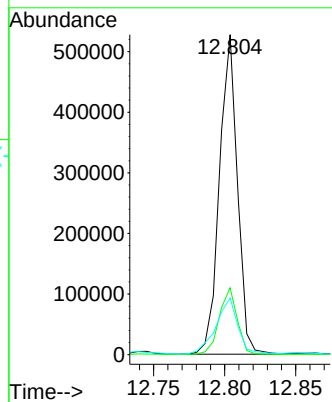
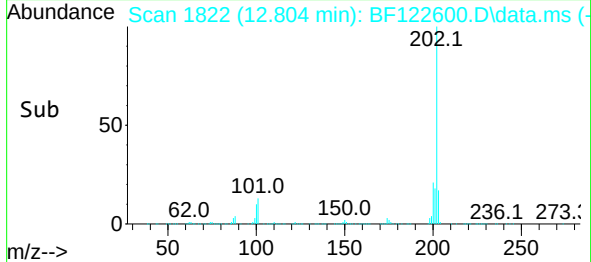
mohammad
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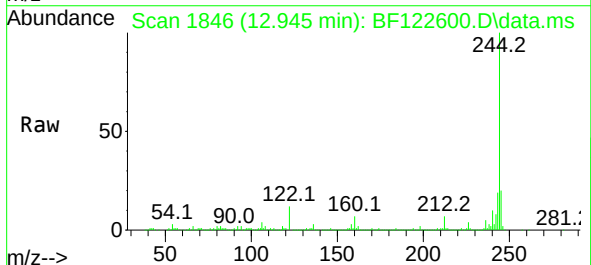
#78
Pyrene
Concen: 12.99 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24



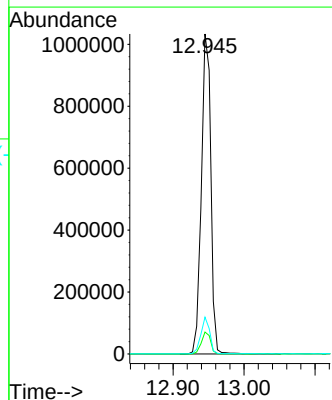
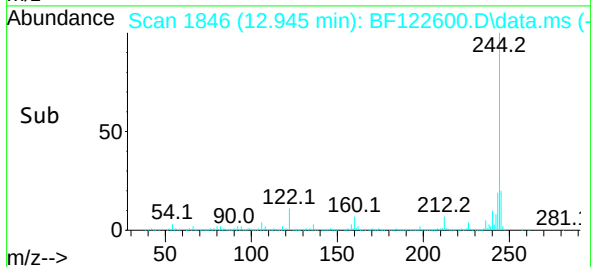
Tgt Ion:202 Resp: 463954
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 17.7 14.6 21.8



#79
Terphenyl-d14
Concen: 36.43 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24



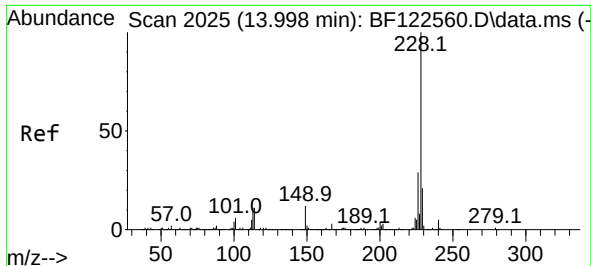
Tgt Ion:244 Resp: 961284
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 11.5 8.3 12.5



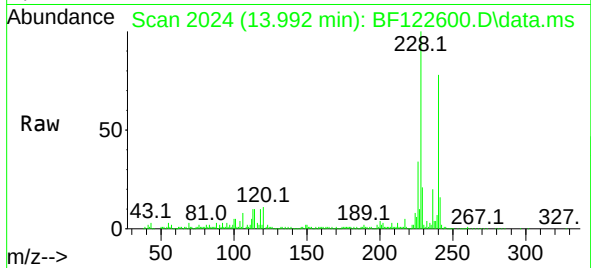
Instrument :
BNA_F
ClientSampleId :
239995

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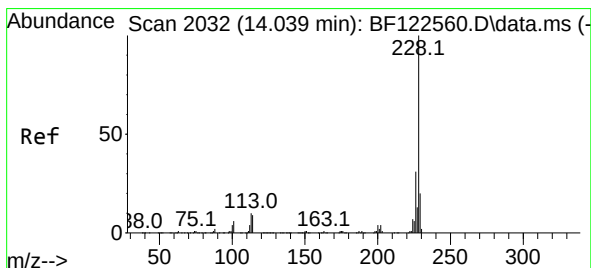
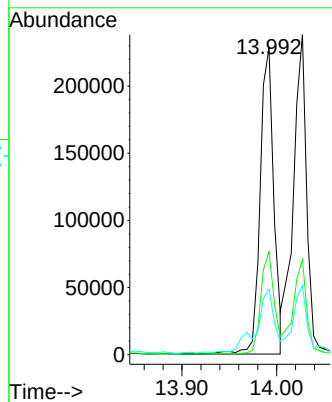
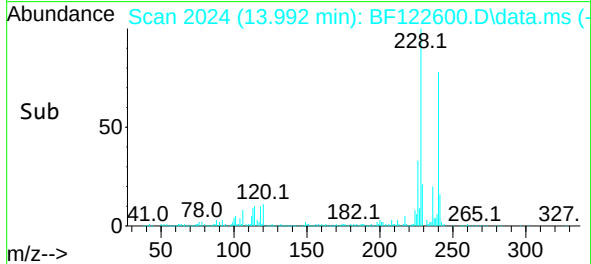
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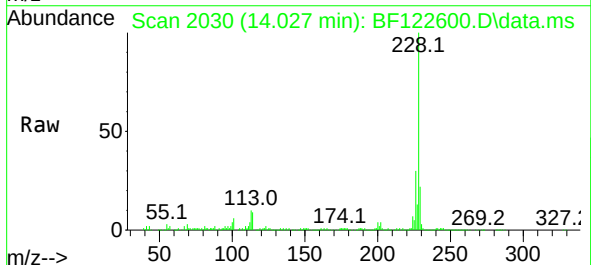
#81
Benzo(a)anthracene
Concen: 7.43 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24



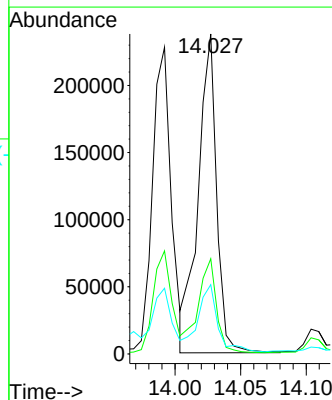
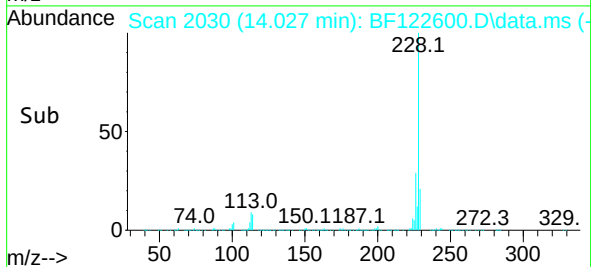
Tgt Ion:228 Resp: 229295
Ion Ratio Lower Upper
228 100
226 33.6 23.0 34.4
229 21.4 16.6 24.8



#83
Chrysene
Concen: 7.60 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24



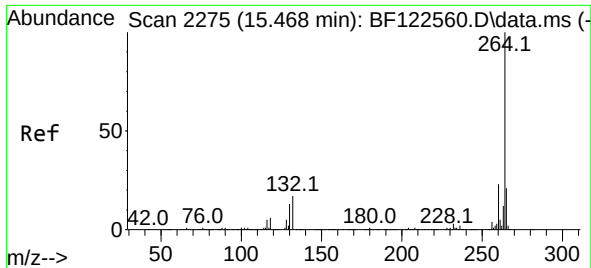
Tgt Ion:228 Resp: 233391
Ion Ratio Lower Upper
228 100
226 29.8 24.6 36.8
229 21.7 15.8 23.6



Instrument :
BNA_F
ClientSampleId :
239995

Manual Integrations
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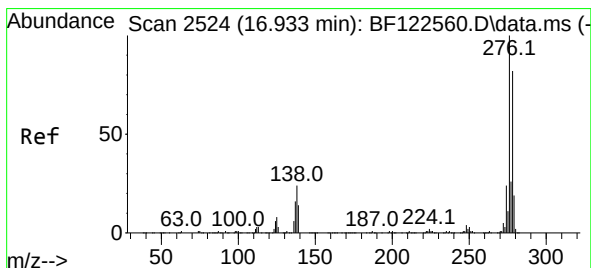
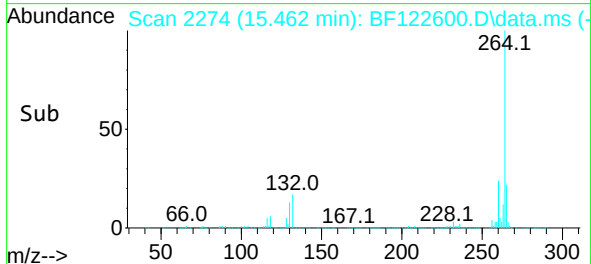
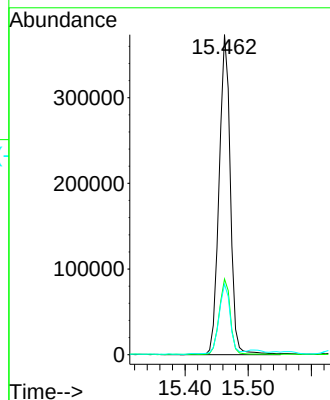
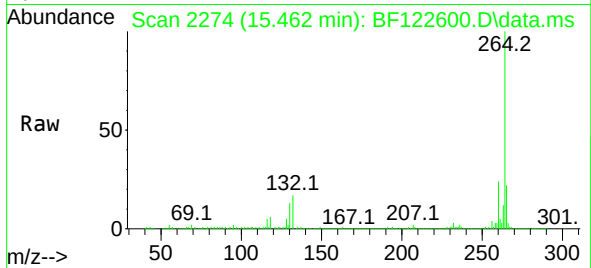
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion: 264 Resp: 462518
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.0 17.0 25.6

Instrument :
BNA_F
ClientSampled :
239995

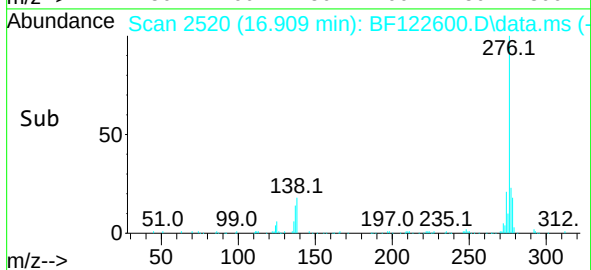
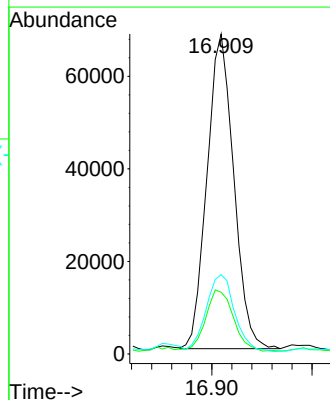
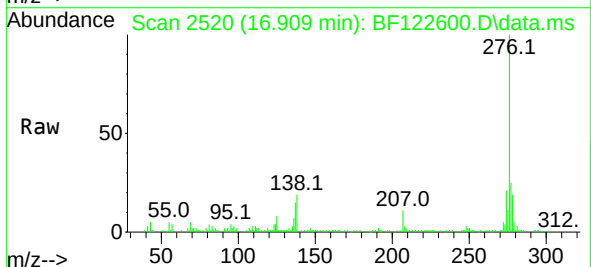
Manual Integrations
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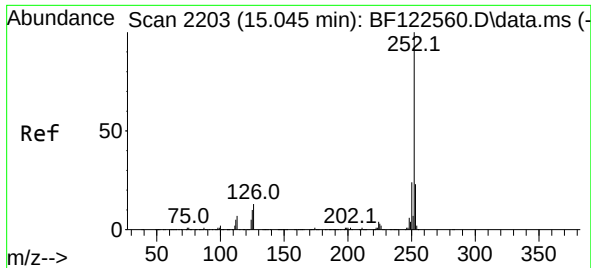
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.15 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.024 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

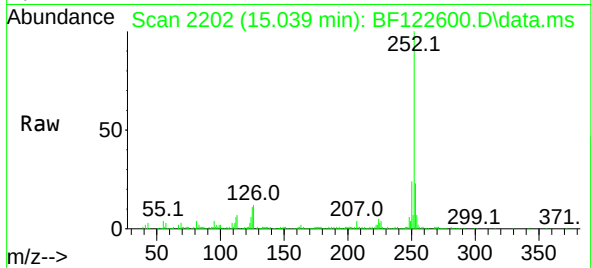
Tgt Ion: 276 Resp: 125967
Ion Ratio Lower Upper
276 100
138 20.1 18.7 28.1
277 25.9 20.2 30.4





#88
Benzo(b)fluoranthene
Concen: 8.98 ng m
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

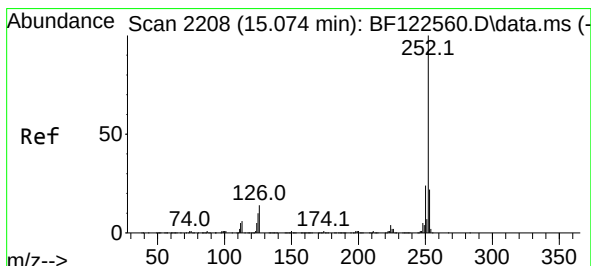
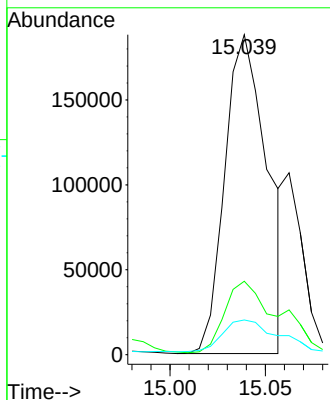
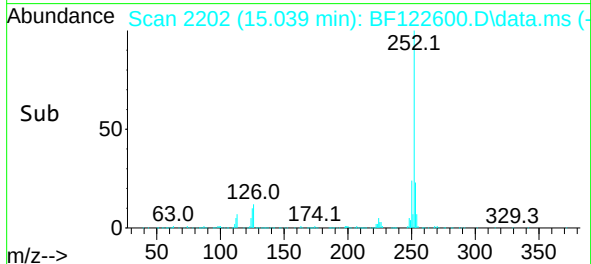
Instrument :
BNA_F
ClientSampled :
239995



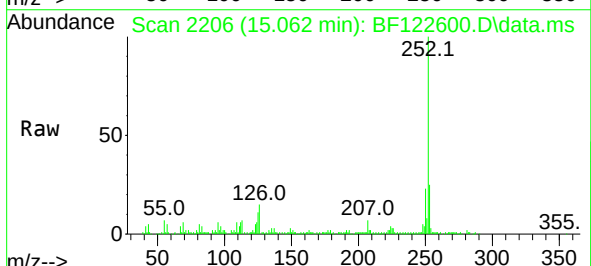
Tgt Ion:252 Resp: 291476
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 10.9 8.1 12.1

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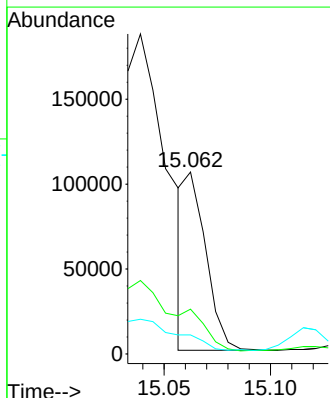
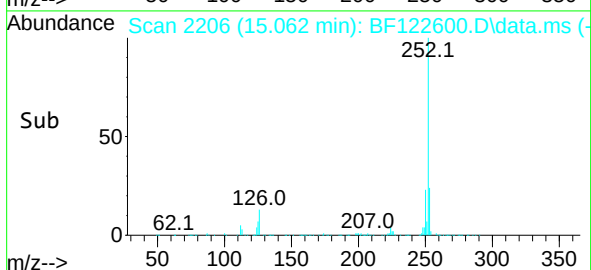
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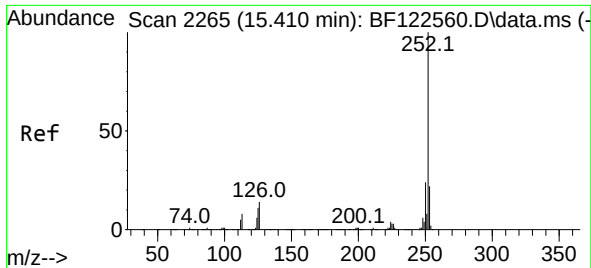


#89
Benzo(k)fluoranthene
Concen: 2.42 ng m
RT: 15.062 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24



Tgt Ion:252 Resp: 71887
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 10.5 8.4 12.6





#90

Benzo(a)pyrene

Concen: 6.92 ng

RT: 15.398 min Scan# 2263

Delta R.T. -0.012 min

Lab File: BF122600.D

Acq: 8 Dec 2020 21:24

Tgt Ion:	252	Resp:	196546
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	10.7	8.6	12.8

Instrument :

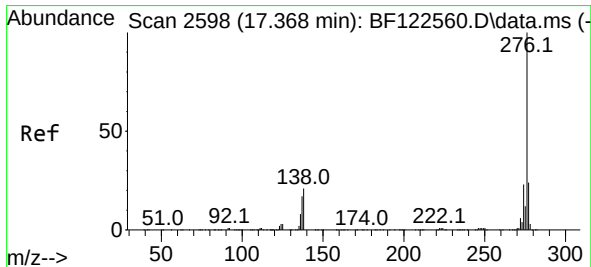
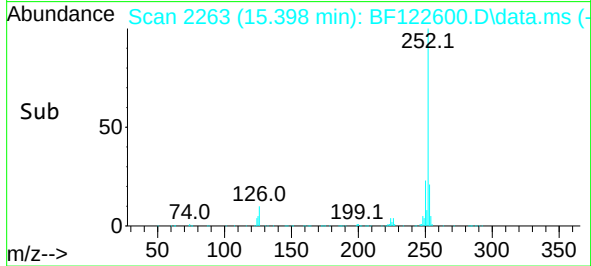
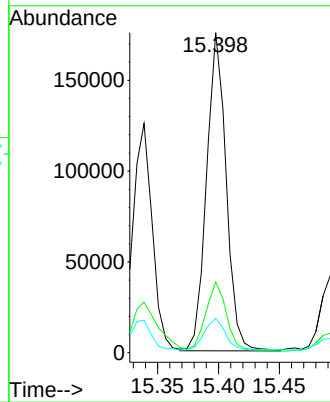
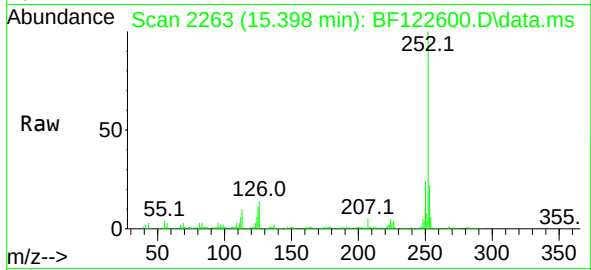
BNA_F

ClientSampleId :

239995

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#92

Benzo(g,h,i)perylene

Concen: 5.48 ng

RT: 17.345 min Scan# 2594

Delta R.T. -0.024 min

Lab File: BF122600.D

Acq: 8 Dec 2020 21:24

Tgt Ion:	276	Resp:	131812
Ion Ratio	Lower	Upper	
276	100		
277	25.4	19.3	28.9
138	22.4	16.6	24.8

