

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
 Data File : BF122871.D
 Acq On : 29 Dec 2020 19:14
 Operator : JU/CG
 Sample : L5221-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124021

Manual Integrations
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Quant Time: Dec 29 23:38:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	154390	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	589343	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	306875	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	537648	20.00	ng	0.00
76) Chrysene-d12	13.986	240	381638	20.00	ng	0.00
86) Perylene-d12	15.451	264	354600	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	756772	77.60	ng	0.01
7) Phenol-d6	6.457	99	912848	70.58	ng	0.00
23) Nitrobenzene-d5	7.381	82	593740	50.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	294868	73.41	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	975287	42.99	ng	0.00
79) Terphenyl-d14	12.927	244	1049432	48.13	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.469	94	46270	3.45	ng	93
50) Dimethylphthalate	9.575	163	70734	2.89	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	39555	6.20	ng	# 99
70) Pentachlorophenol	11.163	266	754803	176.89	ng	99
71) Phenanthrene	11.369	178	84668	2.65	ng	97
75) Fluoranthene	12.557	202	130272	3.89	ng	97
78) Pyrene	12.786	202	118583	4.02	ng	97
81) Benzo(a)anthracene	13.974	228	52729	2.07	ng	99
83) Chrysene	14.010	228	51534	2.03	ng	98
88) Benzo(b)fluoranthene	15.027	252	64283m	2.58	ng	

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

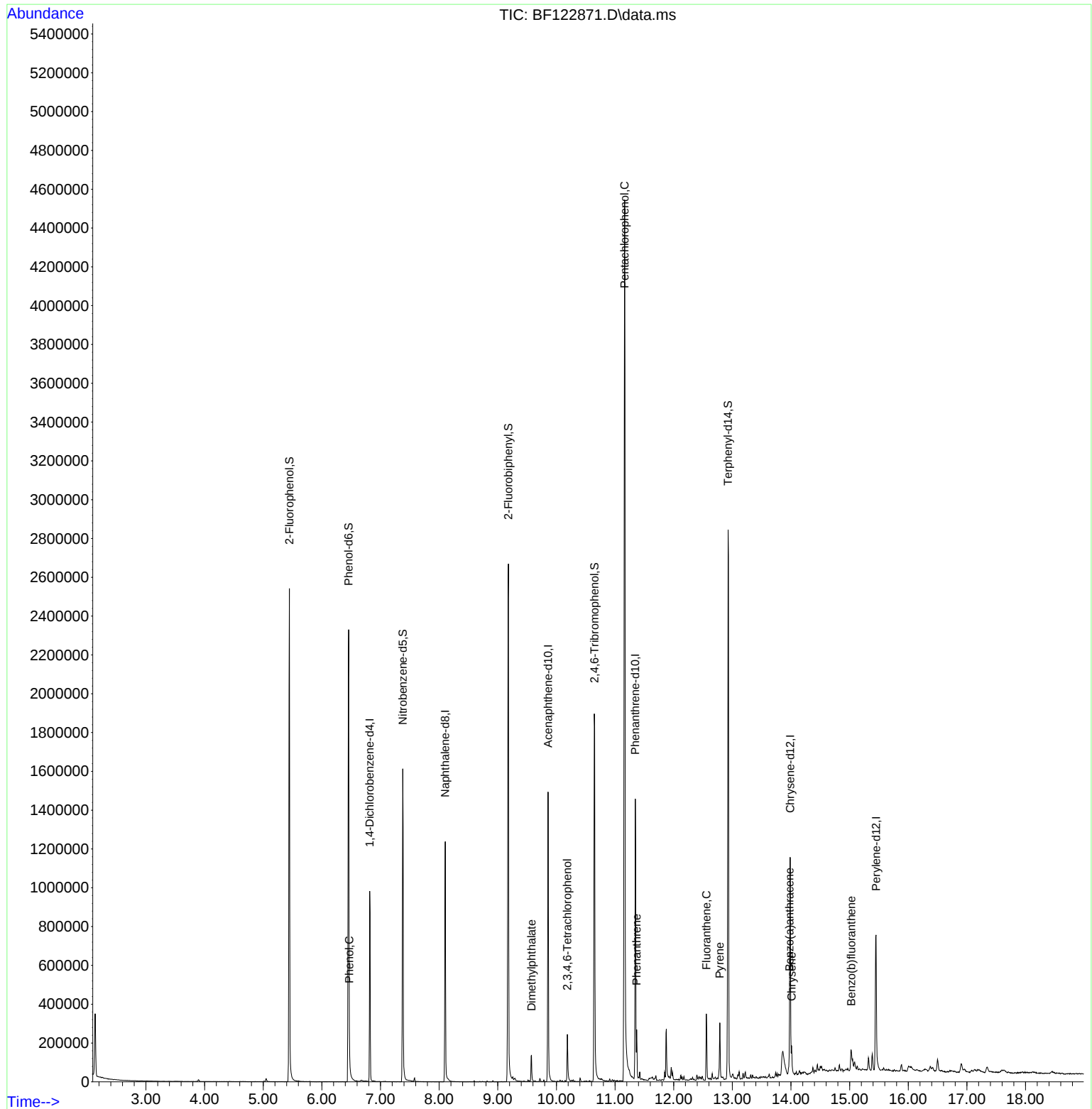
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
Data File : BF122871.D
Acq On : 29 Dec 2020 19:14
Operator : JU/CG
Sample : L5221-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

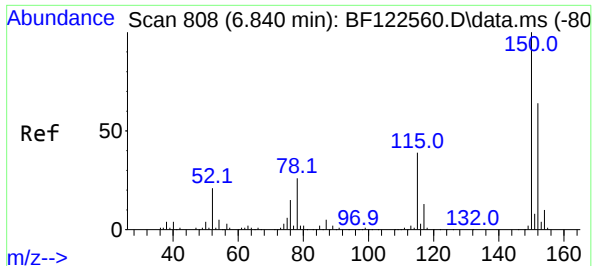
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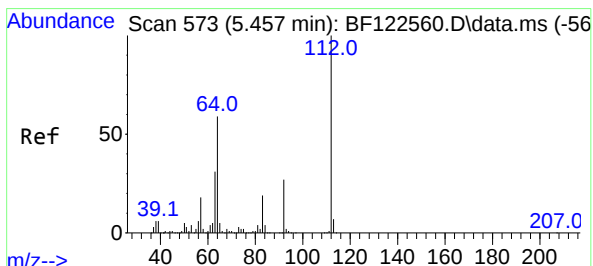
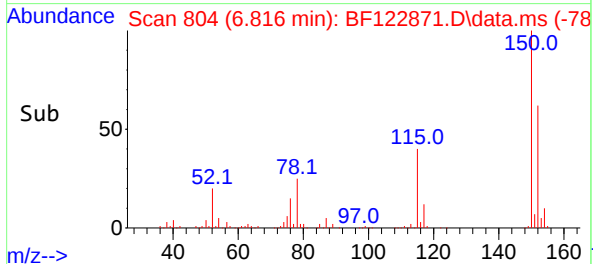
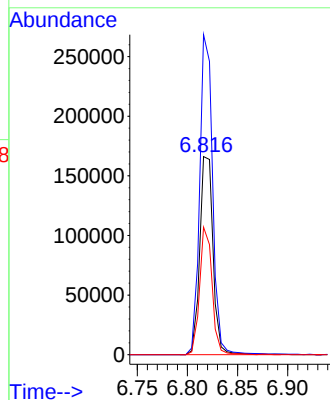
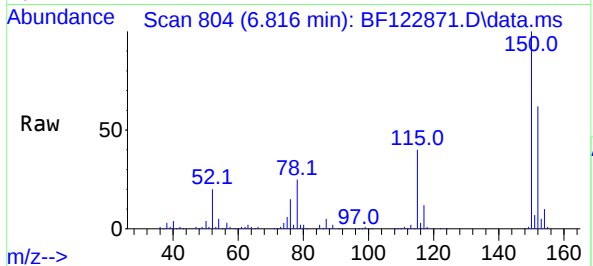
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14

Tgt Ion:152 Resp: 154390
Ion Ratio Lower Upper
152 100
150 161.5 125.8 188.6
115 64.4 49.3 73.9

Instrument :
BNA_F
ClientSampleId :
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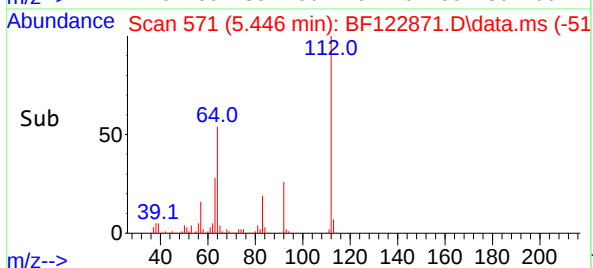
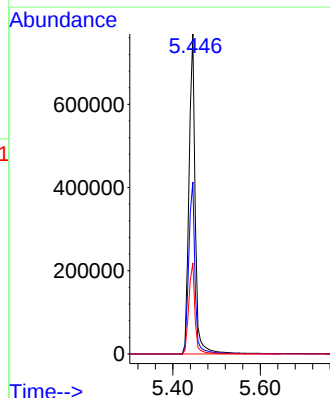
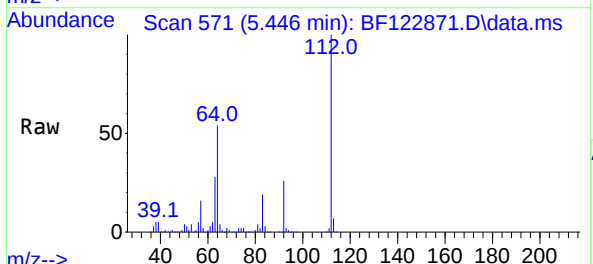
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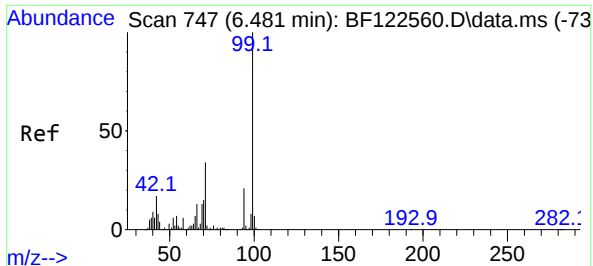
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#5
2-Fluorophenol
Concen: 77.60 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14

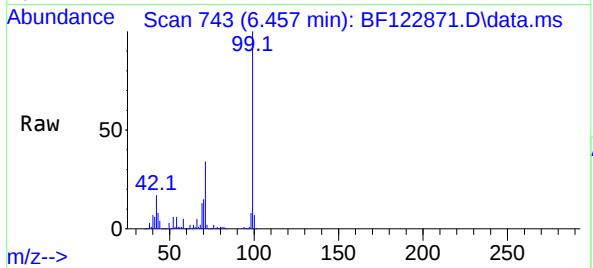
Tgt Ion:112 Resp: 756772
Ion Ratio Lower Upper
112 100
64 53.8 46.9 70.3
63 28.5 24.5 36.7





#7
Phenol-d6
Concen: 70.58 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14

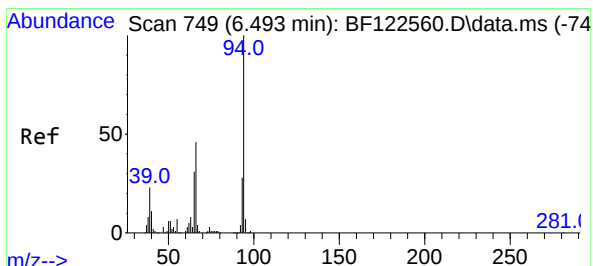
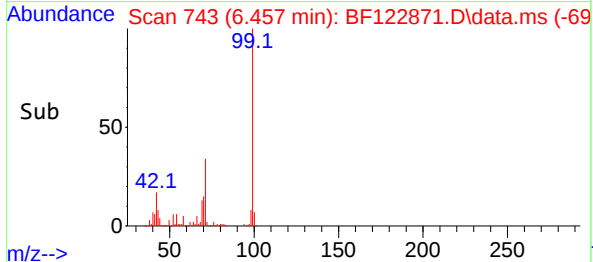
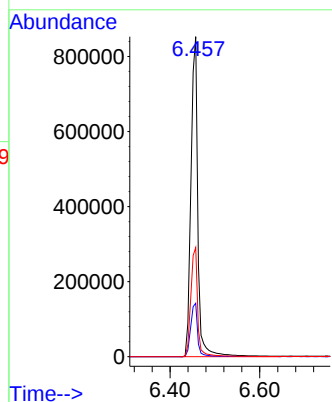
Instrument :
BNA_F
ClientSampleId :
124021



Tgt Ion: 99 Resp: 912848
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.6
71 34.1 26.9 40.3

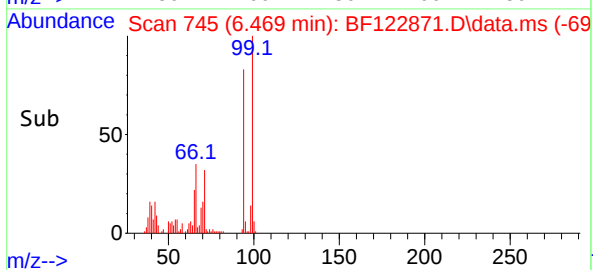
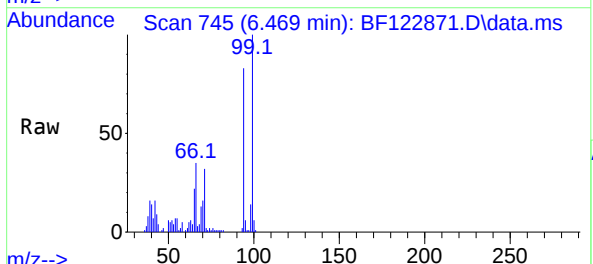
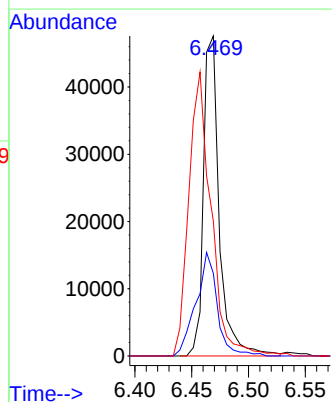
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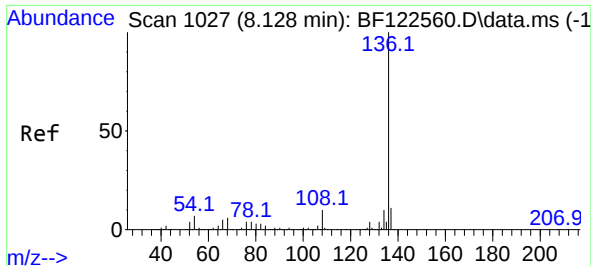
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#10
Phenol
Concen: 3.45 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14

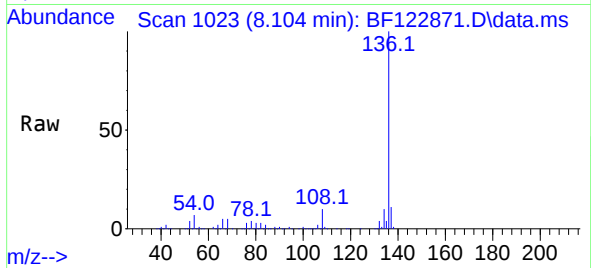
Tgt Ion: 94 Resp: 46270
Ion Ratio Lower Upper
94 100
65 25.8 11.2 51.2
66 42.2 25.8 65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14

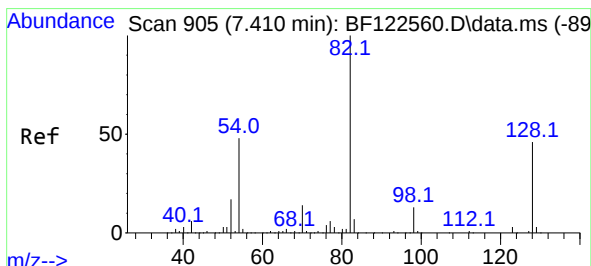
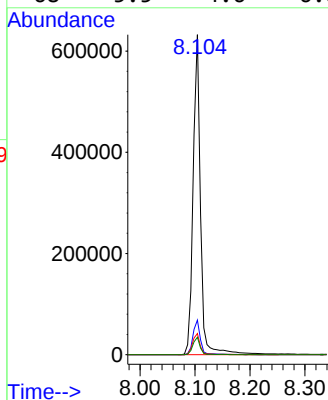
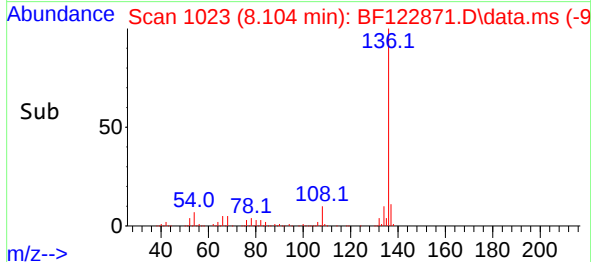
Instrument :
BNA_F
ClientSampleId :
124021



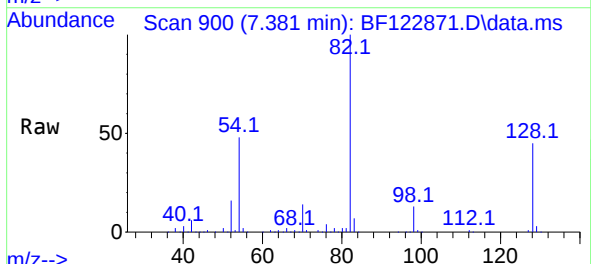
Tgt Ion:	136	Resp:	589343
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.5	8.3
68	5.5	4.6	6.8

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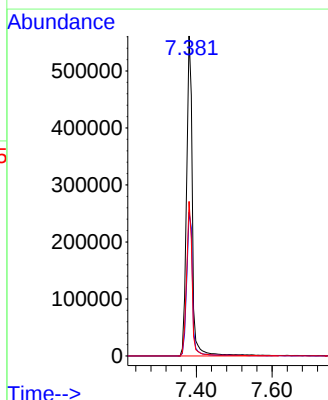
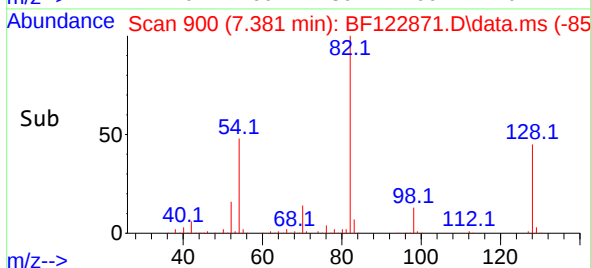
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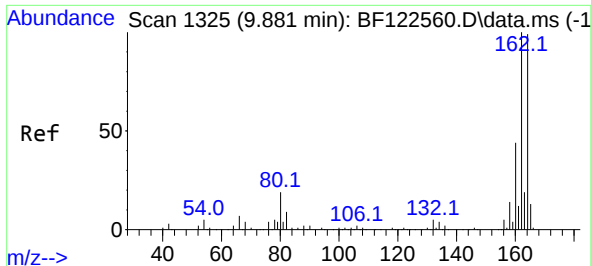


#23
Nitrobenzene-d5
Concen: 50.48 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14

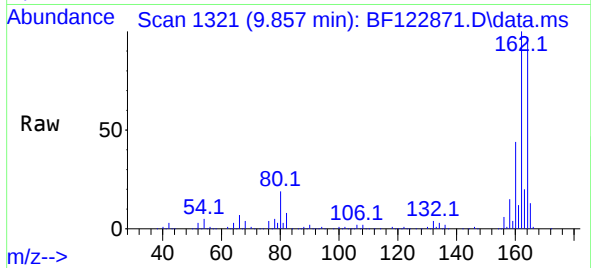


Tgt Ion:	82	Resp:	593740
Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.0	55.4
54	48.3	38.4	57.6

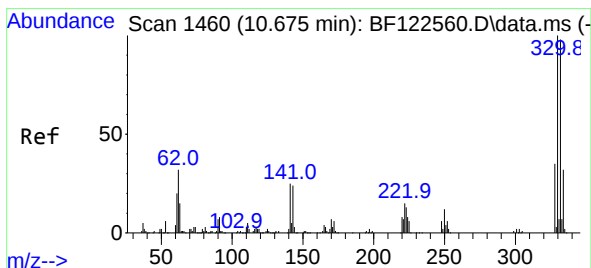
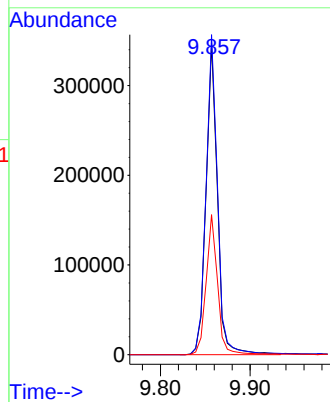
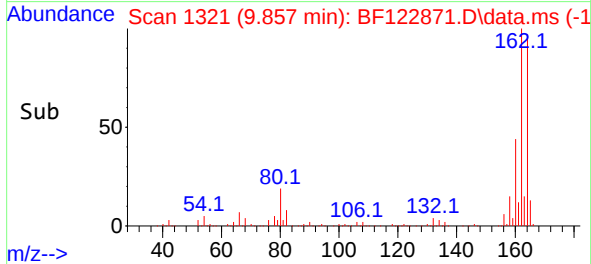




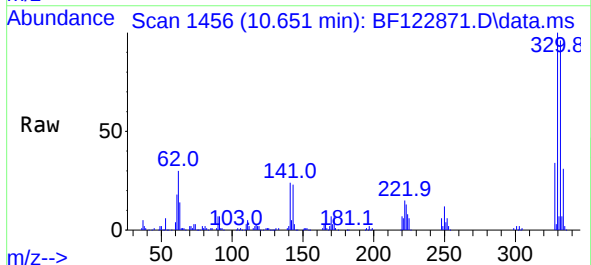
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14



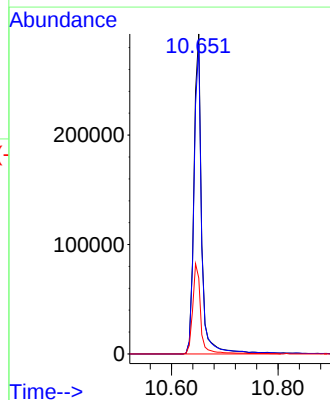
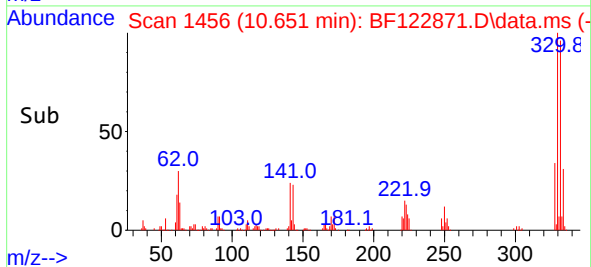
Tgt Ion:164 Resp: 306875
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 73.41 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14



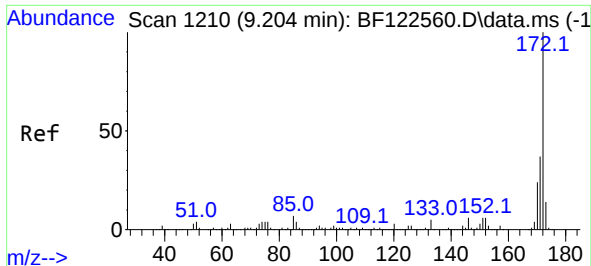
Tgt Ion:330 Resp: 294868
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 29.2 23.8 35.8



Instrument :
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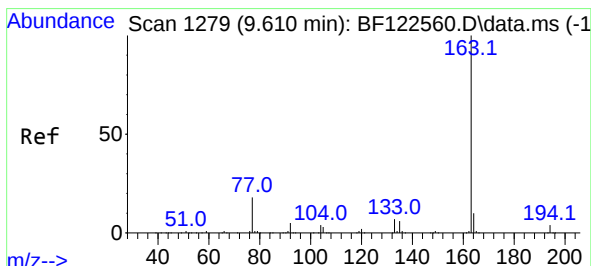
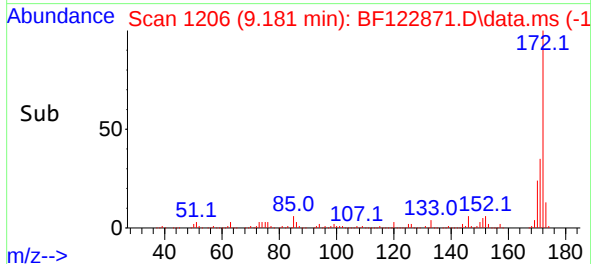
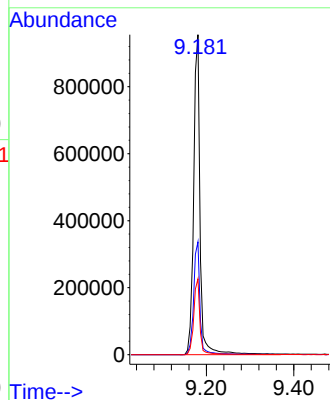
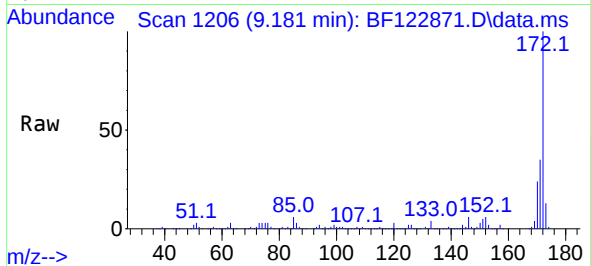
#45
2-Fluorobiphenyl
Concen: 42.99 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14

Instrument :
BNA_F
ClientSampled :
124021

Tgt Ion:172 Resp: 975287
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.7 19.5 29.3

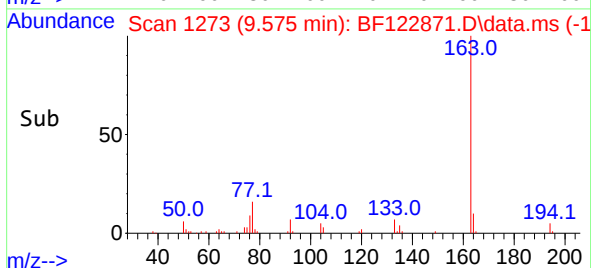
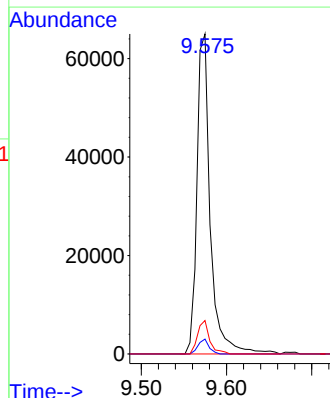
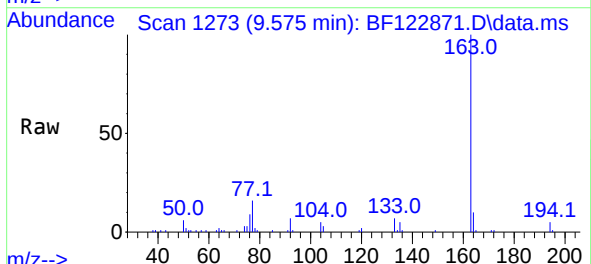
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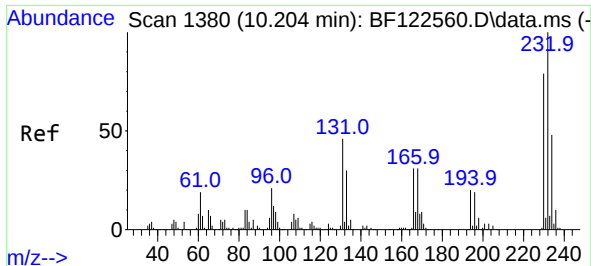
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#50
Dimethylphthalate
Concen: 2.89 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.012 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14

Tgt Ion:163 Resp: 70734
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.0
164 10.5 8.1 12.1





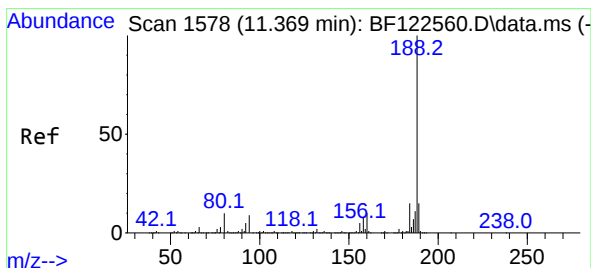
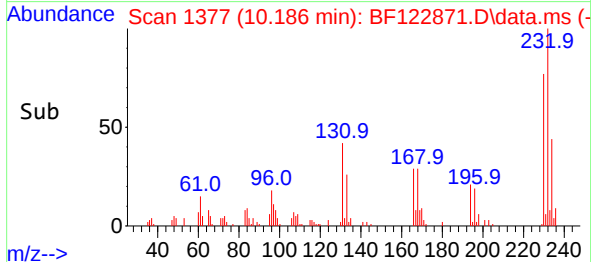
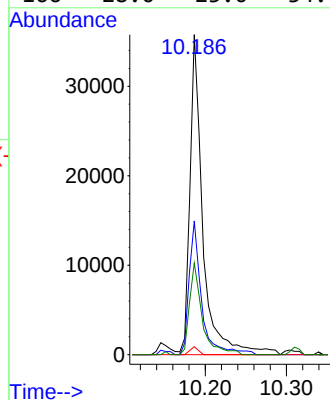
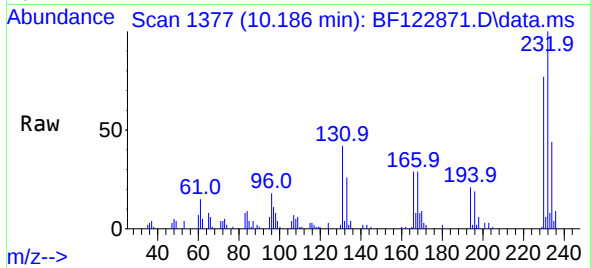
#59
2,3,4,6-Tetrachlorophenol
Concen: 6.20 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14

Tgt Ion:	232	Resp:	39555
Ion Ratio	Lower	Upper	
232	100		
131	40.5	33.0	49.4
130	1.6	1.7	2.5#
166	28.0	23.0	34.4

Instrument :
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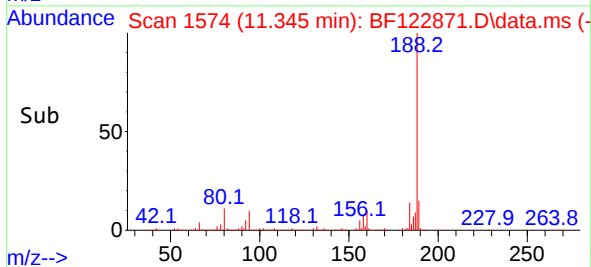
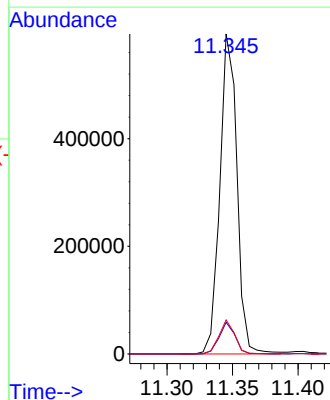
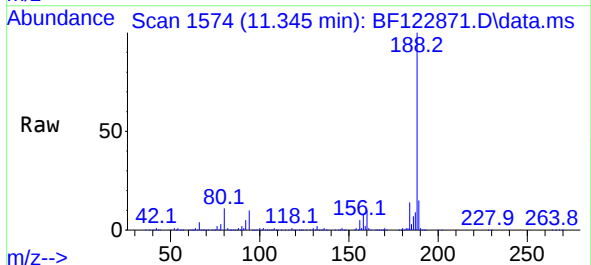
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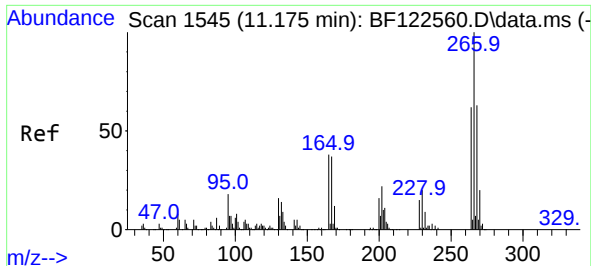
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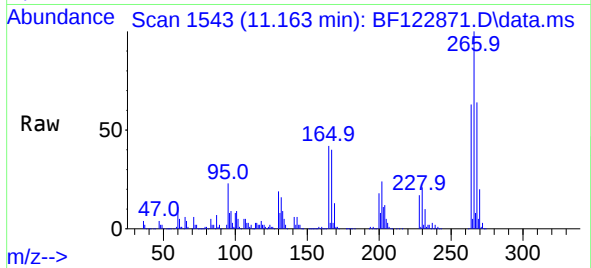
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14

Tgt Ion:	188	Resp:	537648
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.4	11.2
80	10.6	8.2	12.4

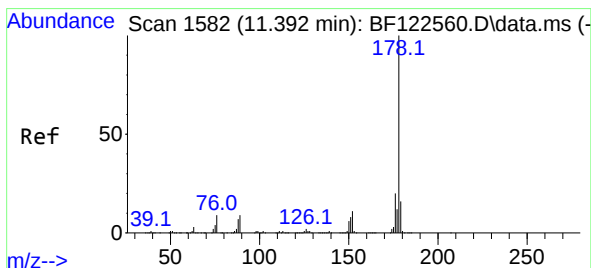
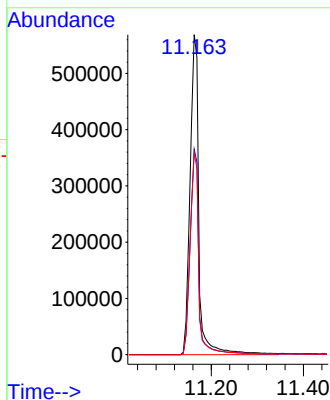
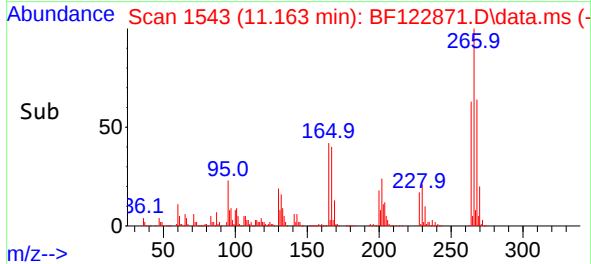




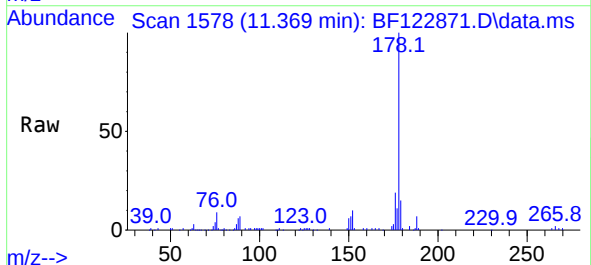
#70
Pentachlorophenol
Concen: 176.89 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.012 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14



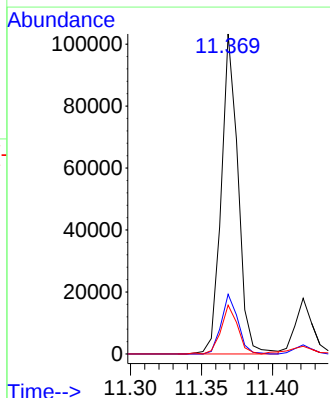
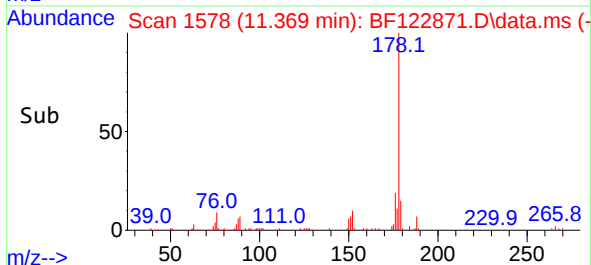
Tgt Ion:266 Resp: 754803
Ion Ratio Lower Upper
266 100
268 64.2 50.5 75.7
264 63.1 49.8 74.8



#71
Phenanthrene
Concen: 2.65 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14



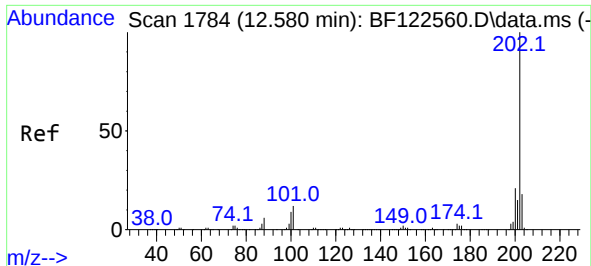
Tgt Ion:178 Resp: 84668
Ion Ratio Lower Upper
178 100
176 18.7 16.2 24.2
179 15.3 12.7 19.1



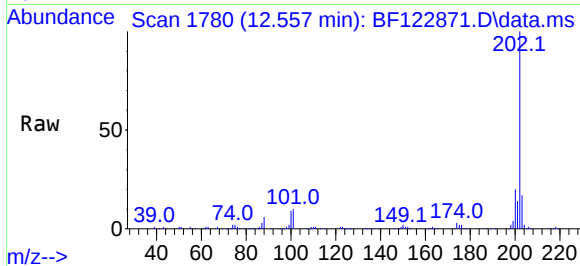
Instrument :
BNA_F
ClientSampleId :
124021

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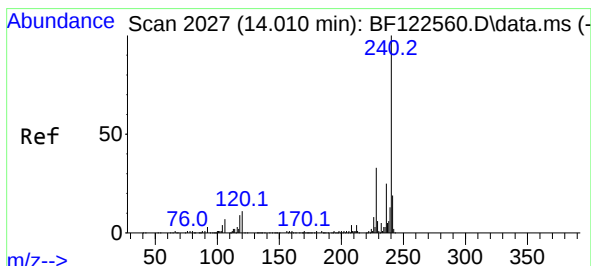
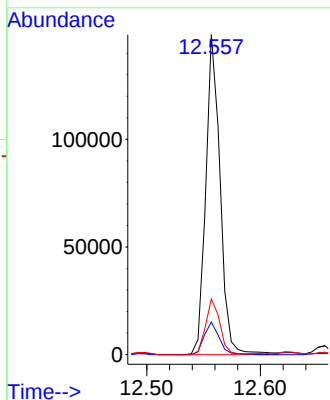
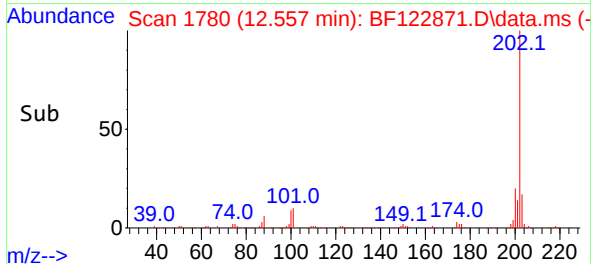
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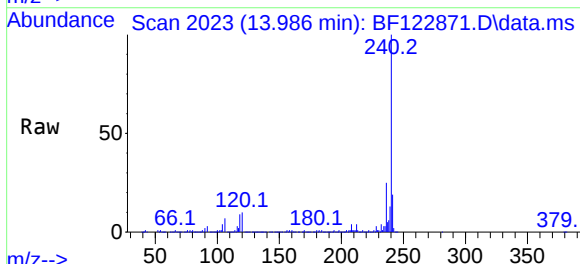
#75
Fluoranthene
Concen: 3.89 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14



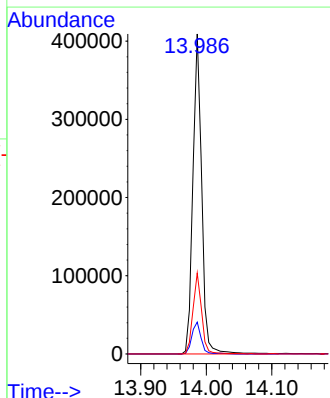
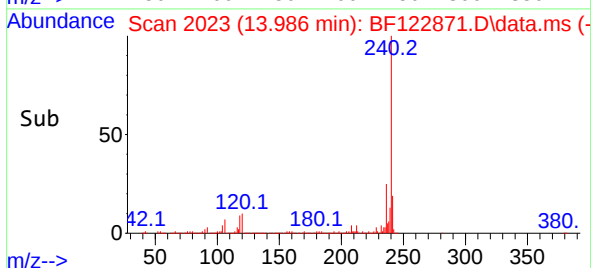
Tgt Ion: 202 Resp: 130272
Ion Ratio Lower Upper
202 100
101 10.2 0.0 32.2
203 17.4 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14



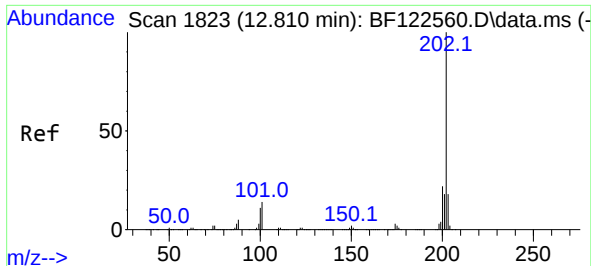
Tgt Ion: 240 Resp: 381638
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 25.3 20.3 30.5



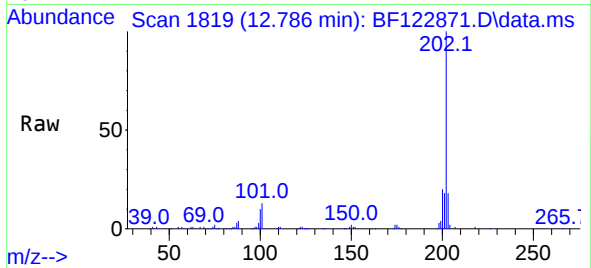
Instrument :
BNA_F
ClientSampleId :
124021

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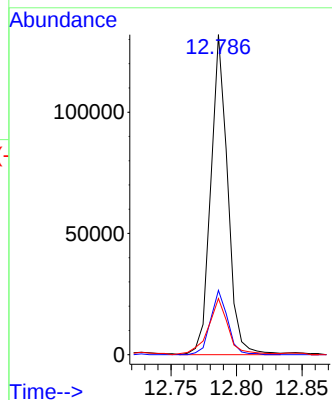
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#78
Pyrene
Concen: 4.02 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14



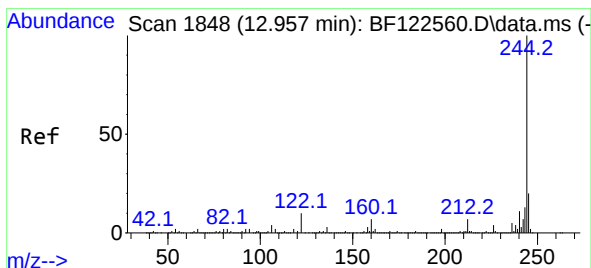
Tgt Ion:	202	Resp:	118583
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.6	26.4
203	17.6	14.6	21.8



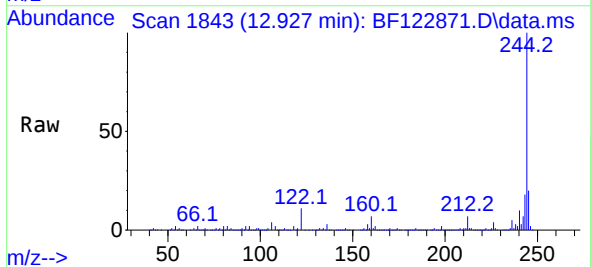
Instrument :
BNA_F
ClientSampleId :
124021

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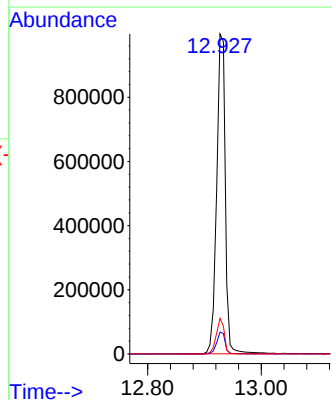
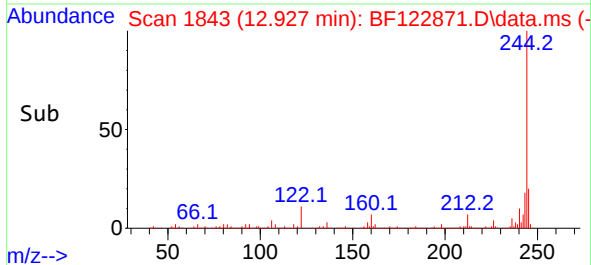
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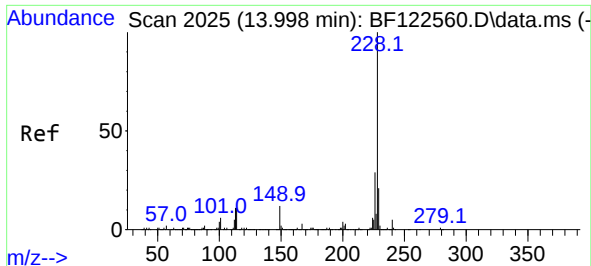


#79
Terphenyl-d14
Concen: 48.13 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14



Tgt Ion:	244	Resp:	1049432
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.7	8.5
122	11.1	8.3	12.5





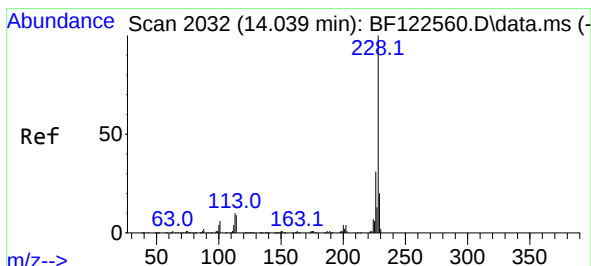
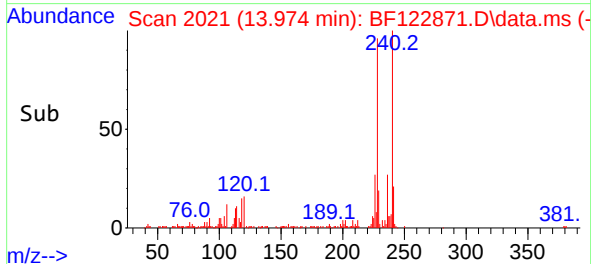
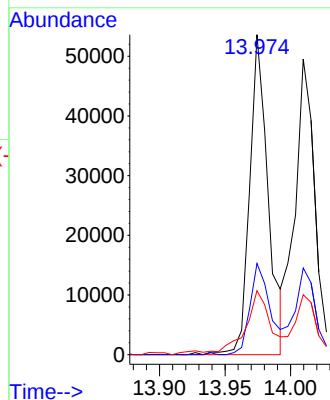
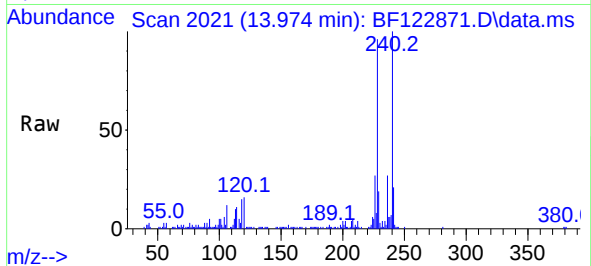
#81
Benzo(a)anthracene
Concen: 2.07 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14

Tgt Ion:228 Resp: 52729
Ion Ratio Lower Upper
228 100
226 28.5 23.0 34.4
229 20.0 16.6 24.8

Instrument :
BNA_F
ClientSampleId :
124021

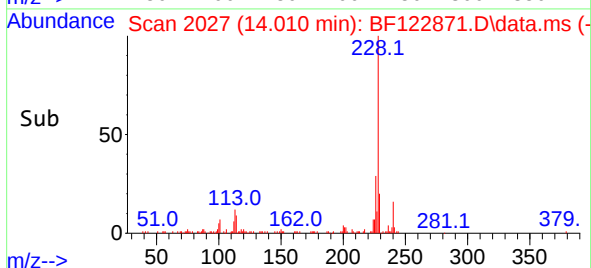
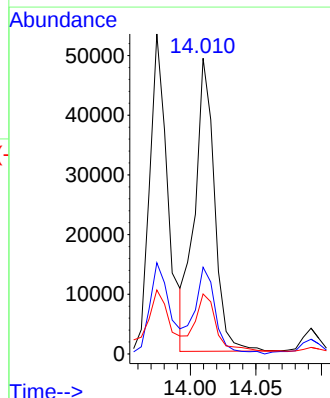
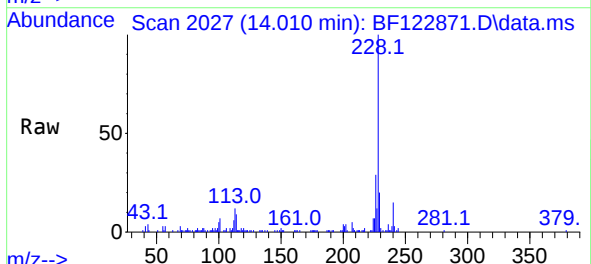
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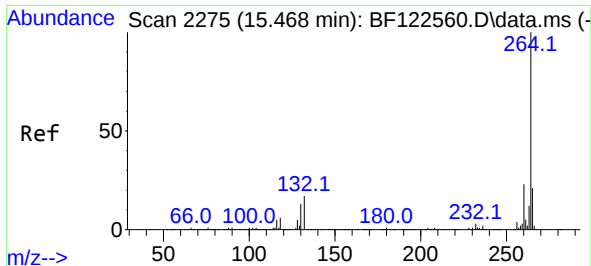
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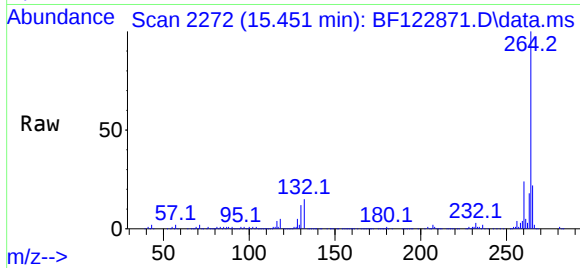
#83
Chrysene
Concen: 2.03 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14

Tgt Ion:228 Resp: 51534
Ion Ratio Lower Upper
228 100
226 29.3 24.6 36.8
229 20.3 15.8 23.6

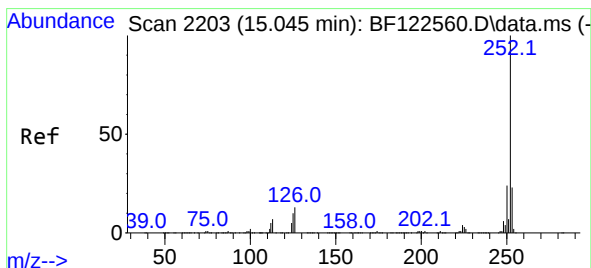
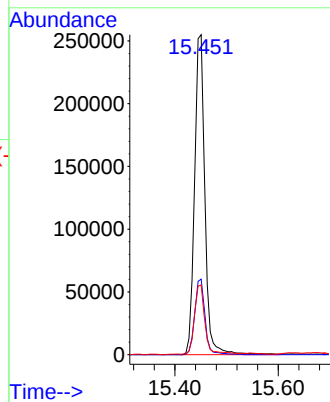
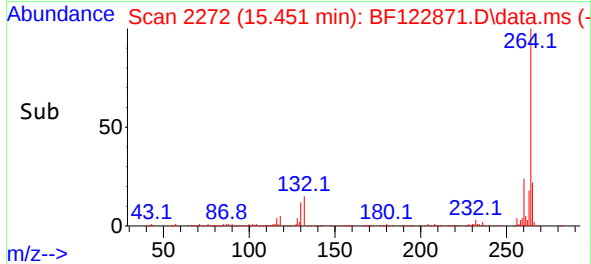




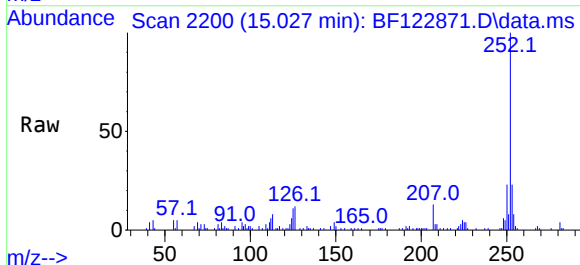
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14



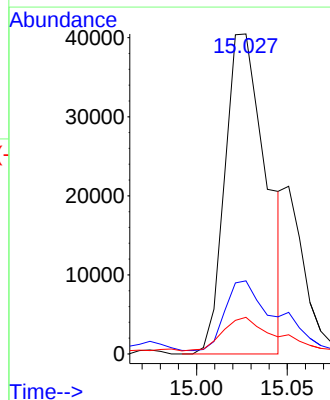
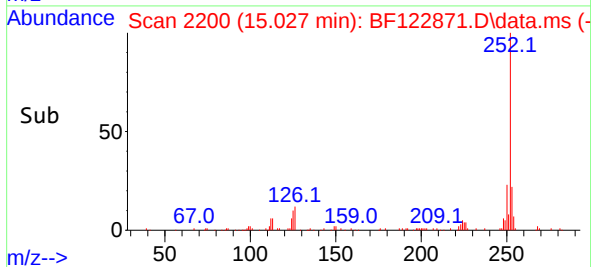
Tgt Ion:264 Resp: 354600
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.8 17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 2.58 ng m
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF122871.D
Acq: 29 Dec 2020 19:14



Tgt Ion:252 Resp: 64283
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 11.4 8.1 12.1



Instrument :
BNA_F
ClientSampled :
124021

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