

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
 Data File : BF121991.D
 Acq On : 15 Oct 2020 15:13
 Operator : JU/CG
 Sample : L4404-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHELL-L15-L14-NORTH

Manual Integrations
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Quant Time: Oct 15 17:51:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	97297	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	381850	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	196003	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	359905	20.00	ng	0.00
76) Chrysene-d12	13.904	240	234019	20.00	ng	0.00
86) Perylene-d12	15.339	264	214973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	548576	83.21	ng	0.00
7) Phenol-d6	6.387	99	689384	81.24	ng	0.00
23) Nitrobenzene-d5	7.310	82	463212	62.21	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	131386	54.19	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	685527	51.46	ng	0.00
79) Terphenyl-d14	12.845	244	597113	48.63	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.498	163	65492	4.57	ng	100
58) Fluorene	10.328	166	28330	2.12	ng	96
71) Phenanthrene	11.286	178	177419	8.99	ng	98
75) Fluoranthene	12.474	202	144676	6.84	ng	99
78) Pyrene	12.704	202	199109	11.16	ng	98
81) Benzo(a)anthracene	13.892	228	68556	4.47	ng	98
83) Chrysene	13.927	228	63838	4.24	ng	97
87) Indeno(1,2,3-cd)pyrene	16.757	276	29443	2.11	ng	96
88) Benzo(b)fluoranthene	14.927	252	52541m	3.62	ng	
90) Benzo(a)pyrene	15.280	252	51823	4.13	ng	97
92) Benzo(g,h,i)perylene	17.186	276	35512	3.09	ng	98

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

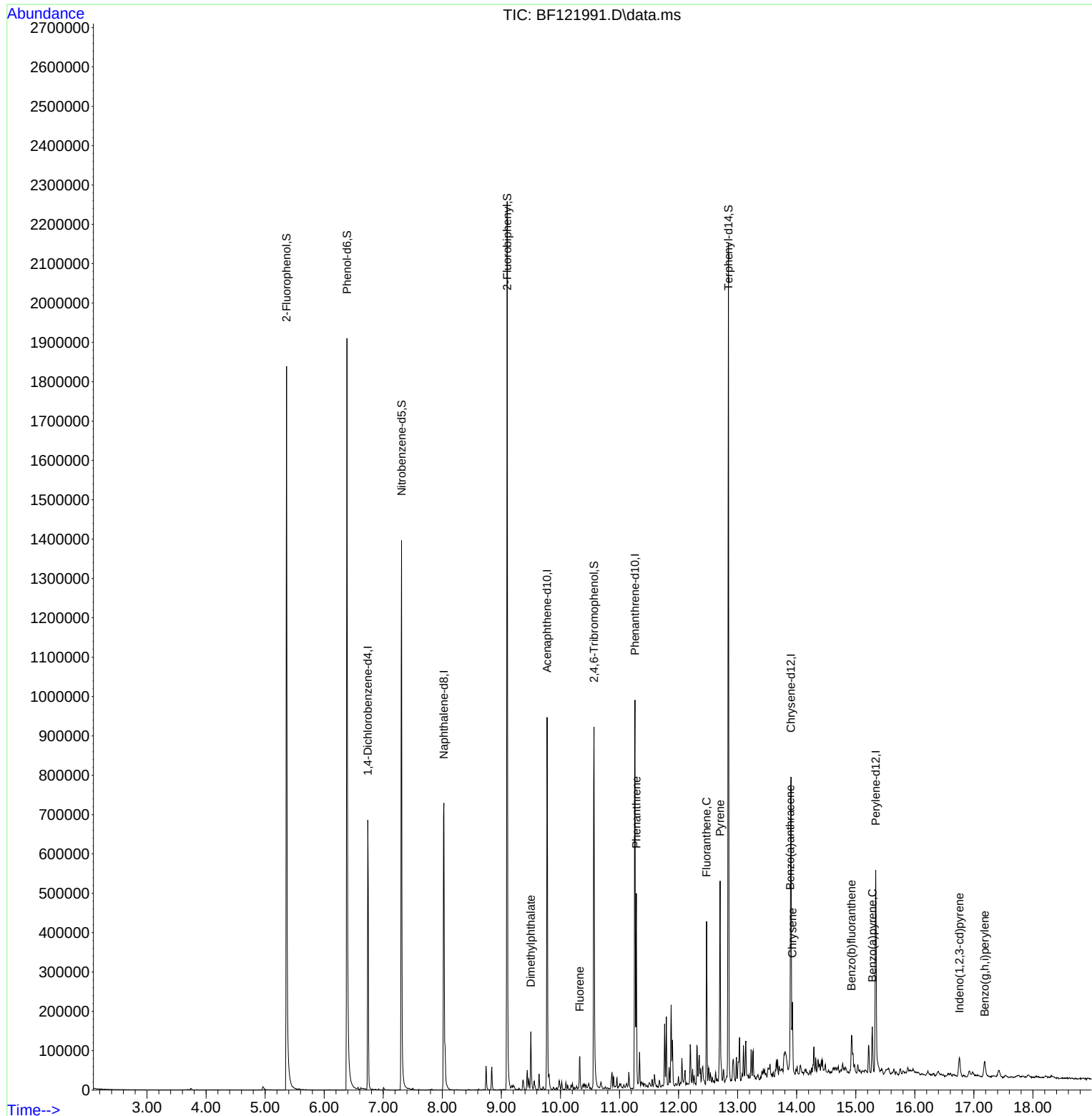
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Data File : BF121991.D
Acq On : 15 Oct 2020 15:13
Operator : JU/CG
Sample : L4404-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

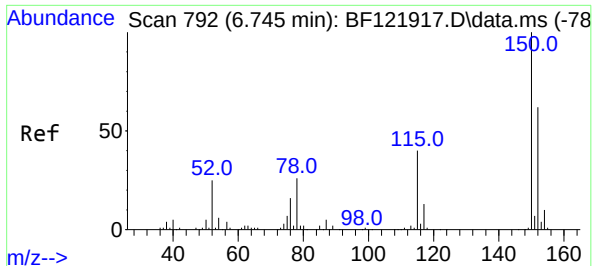
Instrument :
BNA_F
ClientSampleId :
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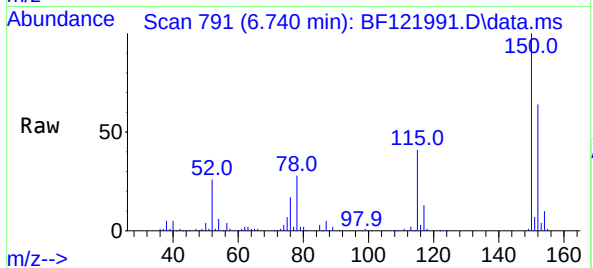
Quant Time: Oct 15 17:51:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

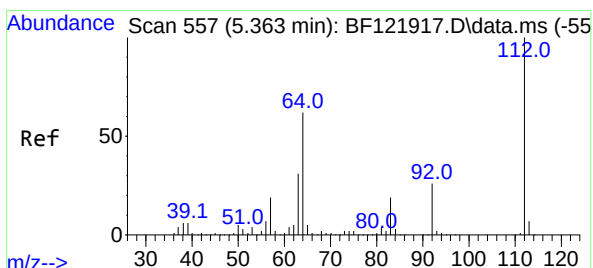
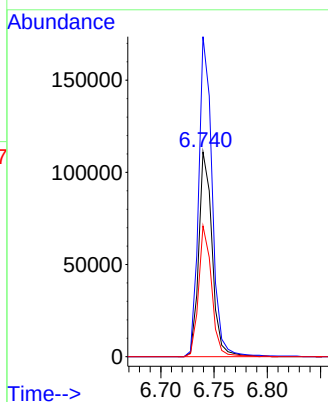
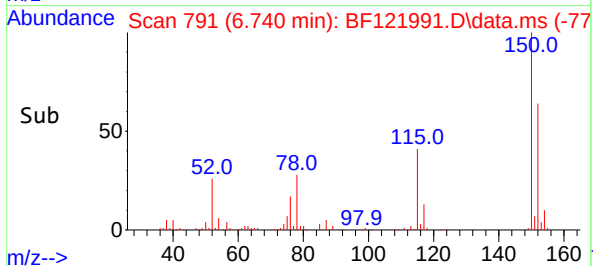
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH



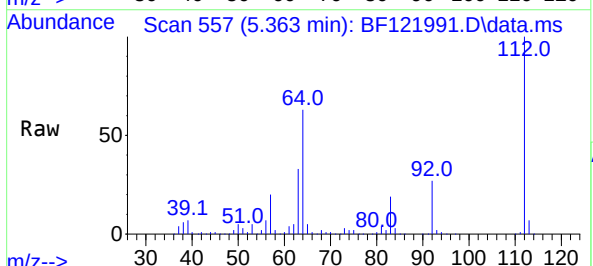
Tgt Ion:152 Resp: 97297
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 63.9 51.9 77.9

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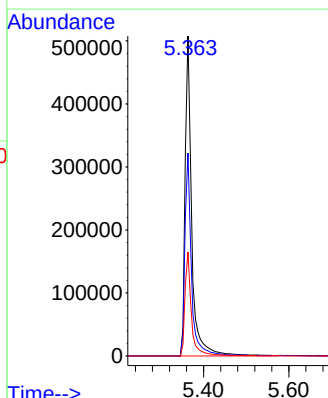
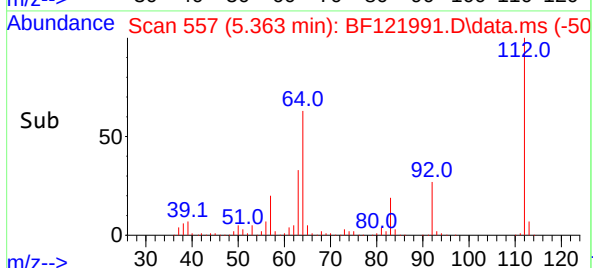
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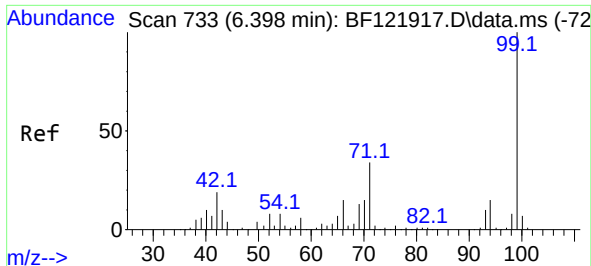


#5
2-Fluorophenol
Concen: 83.21 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13



Tgt Ion:112 Resp: 548576
Ion Ratio Lower Upper
112 100
64 63.4 50.4 75.6
63 32.5 25.8 38.6





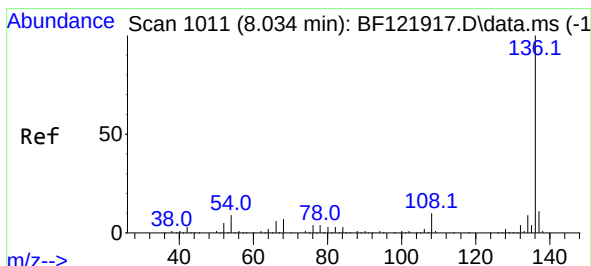
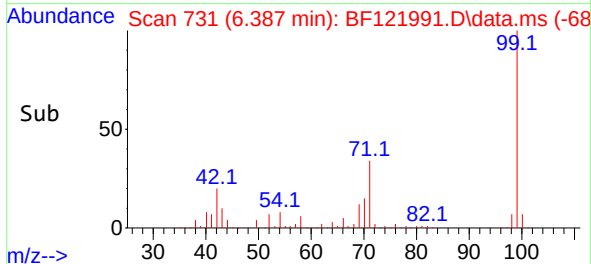
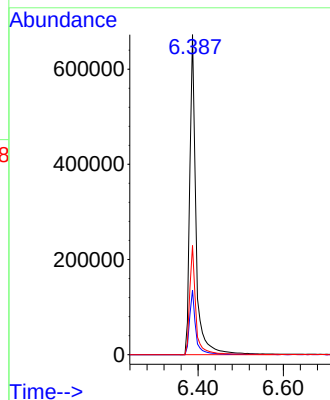
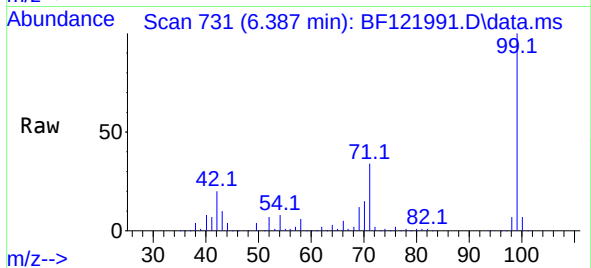
#7
Phenol-d6
Concen: 81.24 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion: 99 Resp: 689384
Ion Ratio Lower Upper
99 100
42 20.2 15.9 23.9
71 34.1 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
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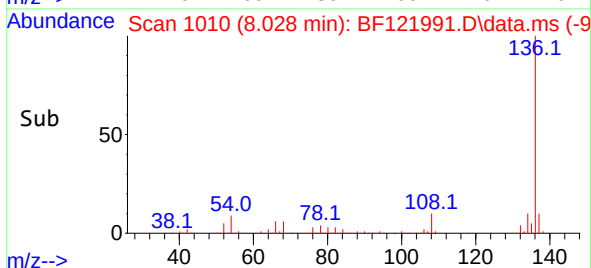
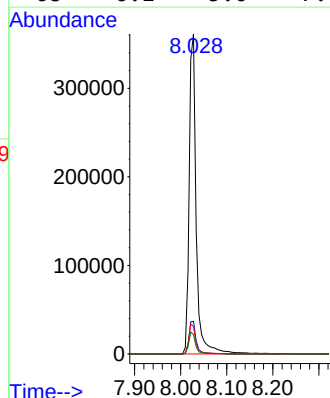
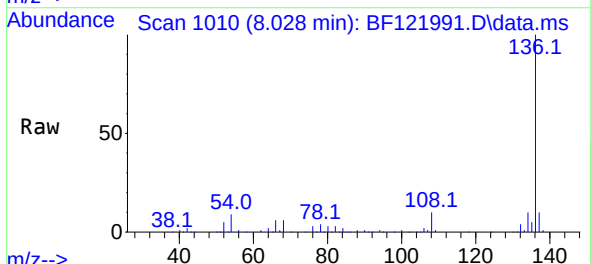
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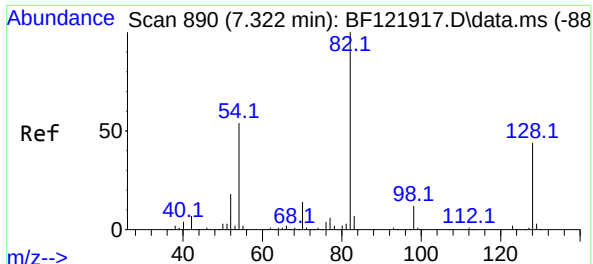
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion: 136 Resp: 381850
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 8.6 7.1 10.7
68 6.1 5.0 7.4





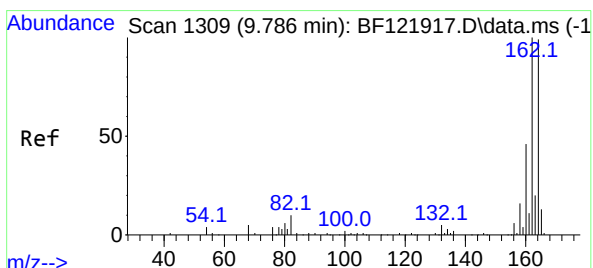
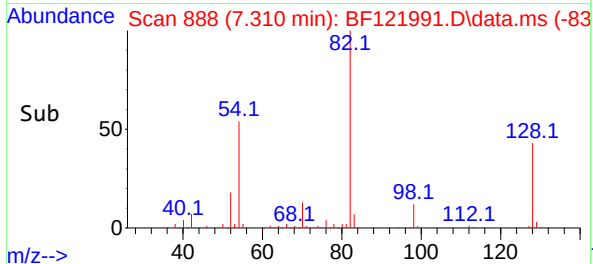
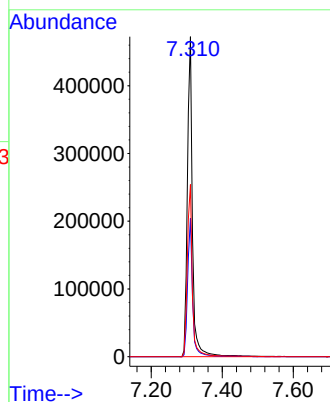
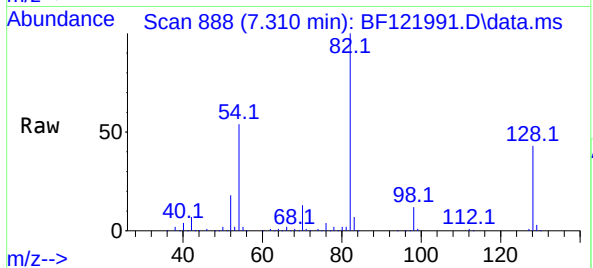
#23
Nitrobenzene-d5
Concen: 62.21 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion: 82 Resp: 463212
Ion Ratio Lower Upper
82 100
128 43.3 35.0 52.4
54 53.8 43.9 65.9

Instrument :
BNA_F
ClientSampleId :
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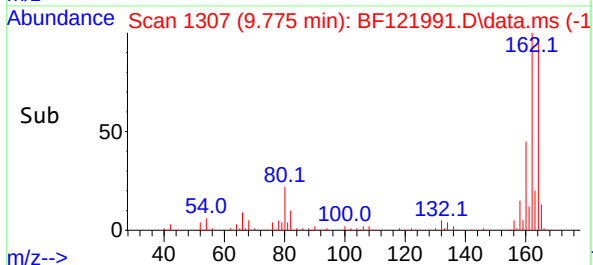
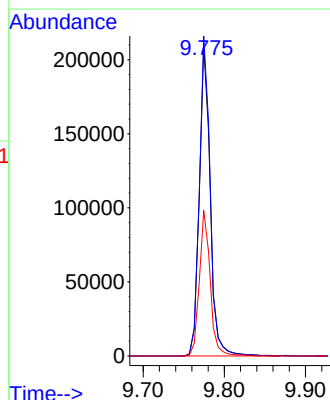
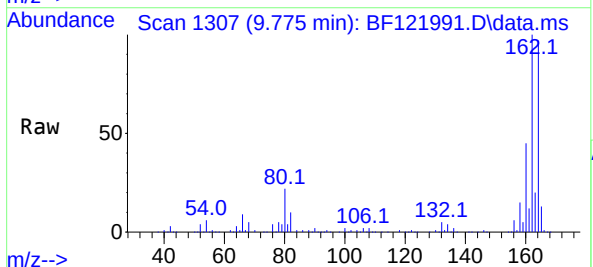
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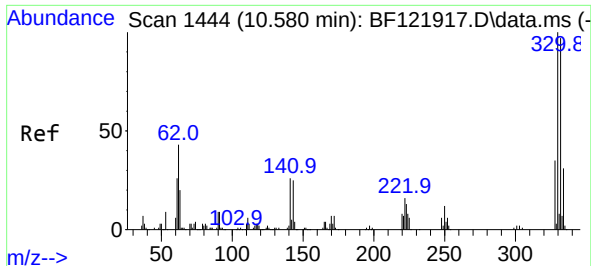
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

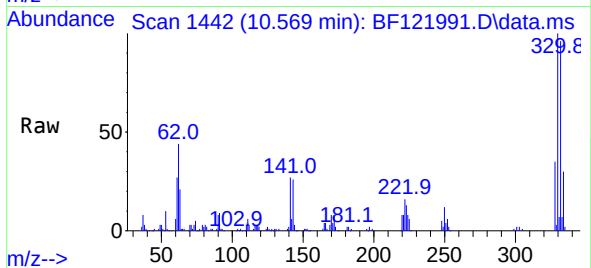
Tgt Ion: 164 Resp: 196003
Ion Ratio Lower Upper
164 100
162 103.2 83.2 124.8
160 47.0 37.5 56.3





#42
2,4,6-Tribromophenol
Concen: 54.19 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

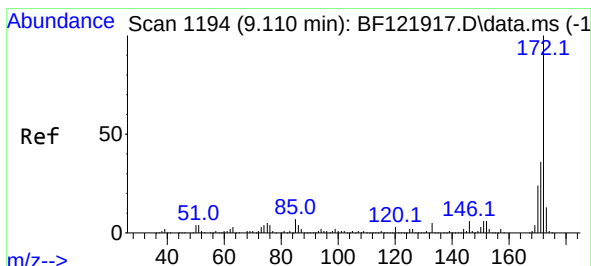
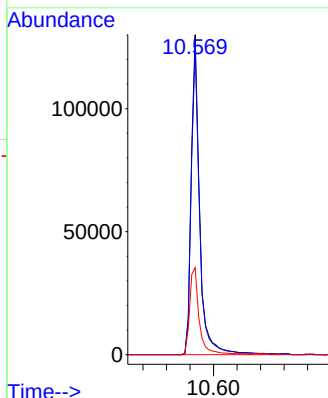
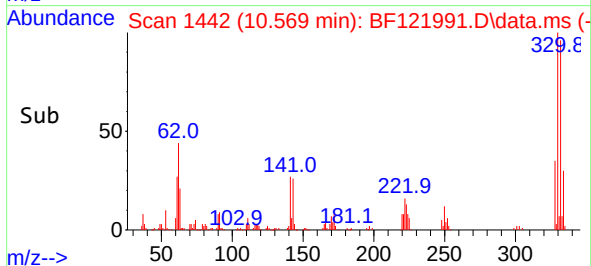
Instrument :
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ClientSampleId :
SHELL-L15-L14-NORTH



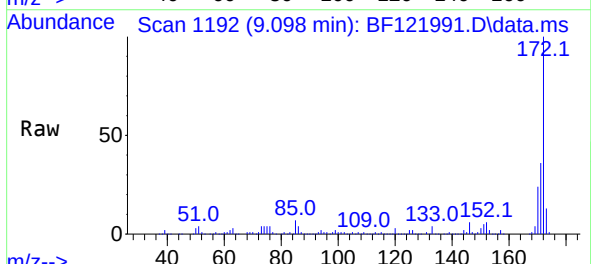
Tgt Ion:330 Resp: 131386
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 30.6 22.3 33.5

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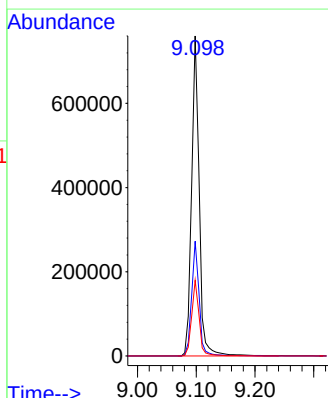
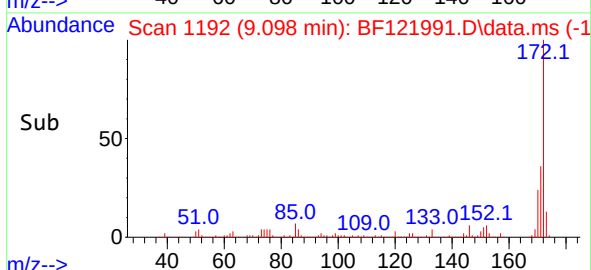
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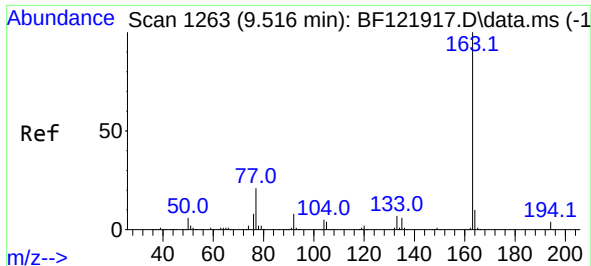


#45
2-Fluorobiphenyl
Concen: 51.46 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13



Tgt Ion:172 Resp: 685527
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 23.7 19.8 29.6





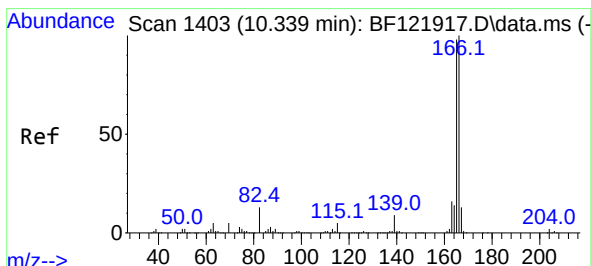
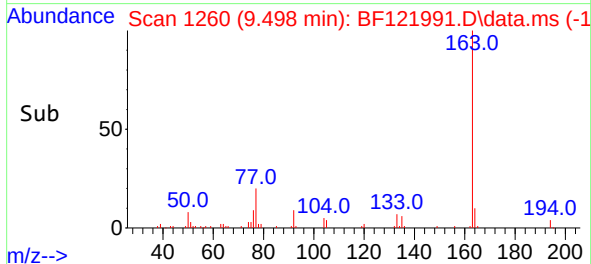
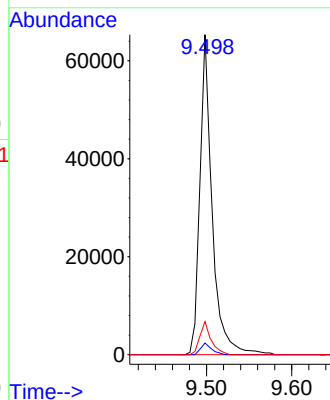
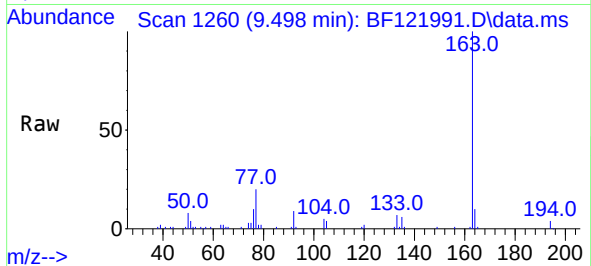
#50
Dimethylphthalate
Concen: 4.57 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:163 Resp: 65492
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.3 8.2 12.4

Instrument :
BNA_F
ClientSampleId :
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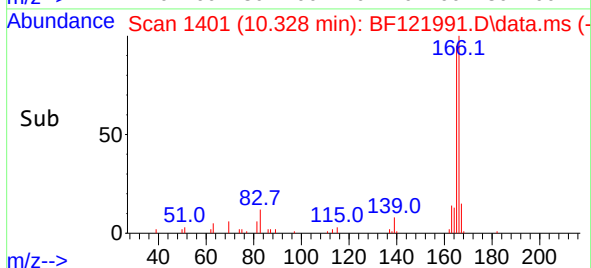
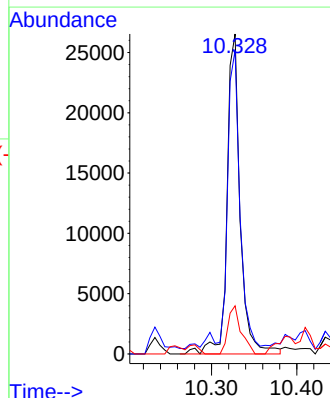
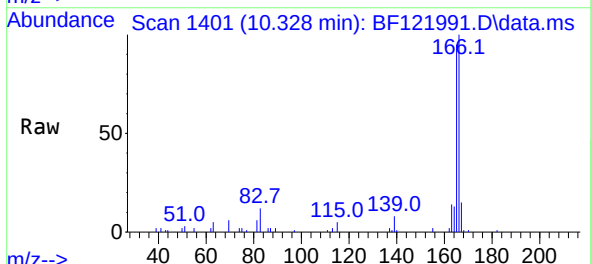
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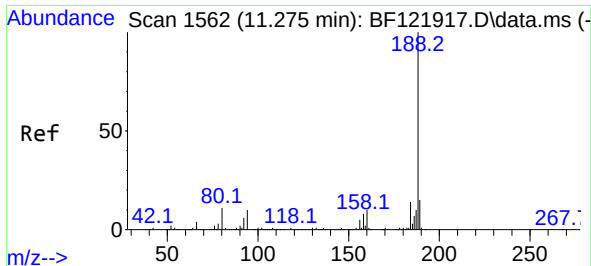
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#58
Fluorene
Concen: 2.12 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

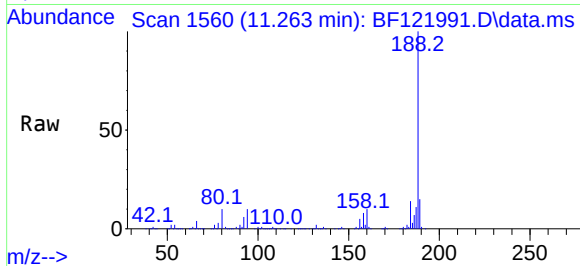
Tgt Ion:166 Resp: 28330
Ion Ratio Lower Upper
166 100
165 94.8 79.1 118.7
167 15.0 11.0 16.6





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

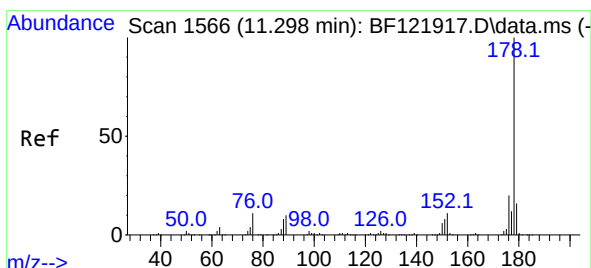
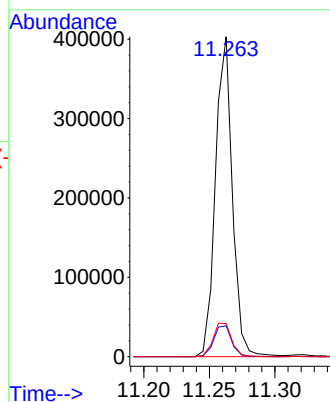
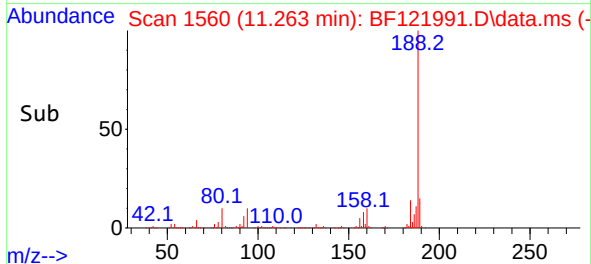
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH



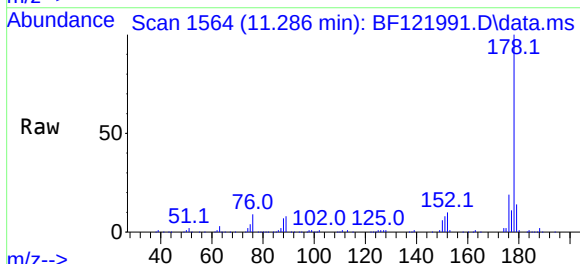
Tgt Ion:188 Resp: 359905
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.3 9.1 13.7

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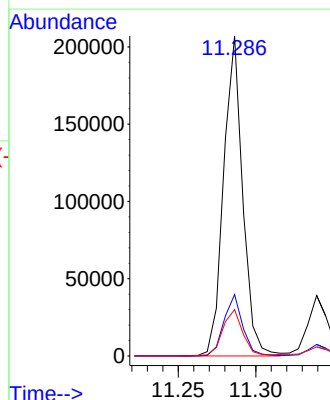
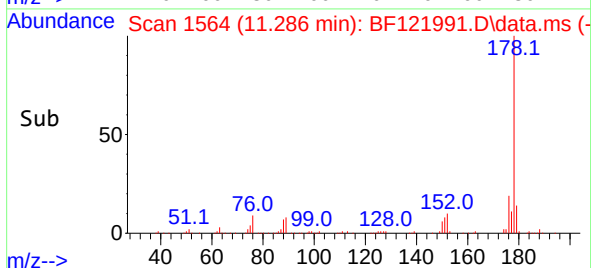
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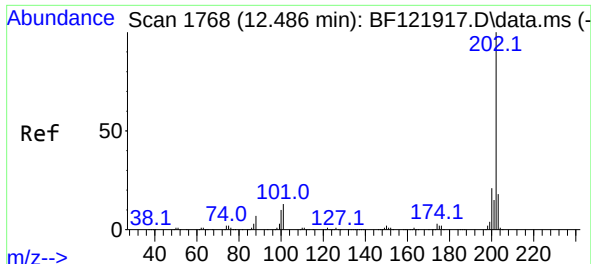


#71
Phenanthrene
Concen: 8.99 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13



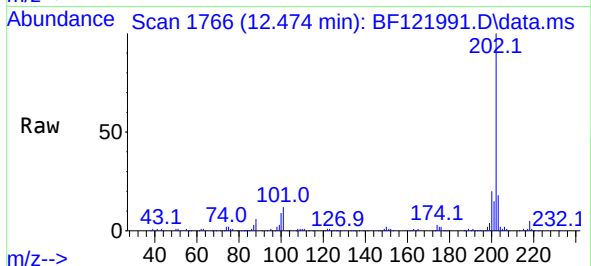
Tgt Ion:178 Resp: 177419
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 14.5 12.2 18.4





#75
Fluoranthene
Concen: 6.84 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

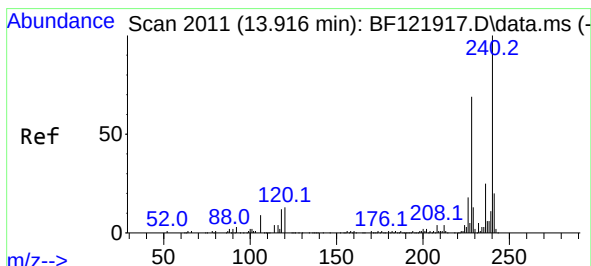
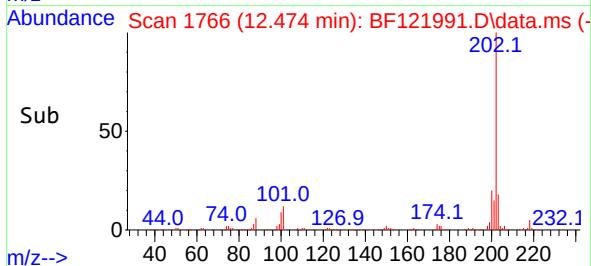
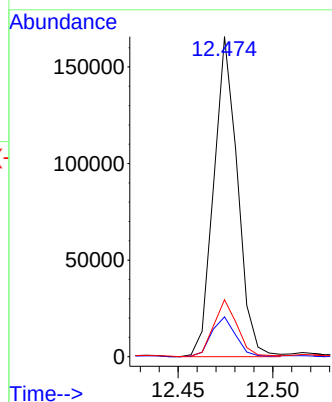
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH



Tgt Ion:202 Resp: 144676
Ion Ratio Lower Upper
202 100
101 12.4 0.0 33.4
203 17.8 0.0 37.9

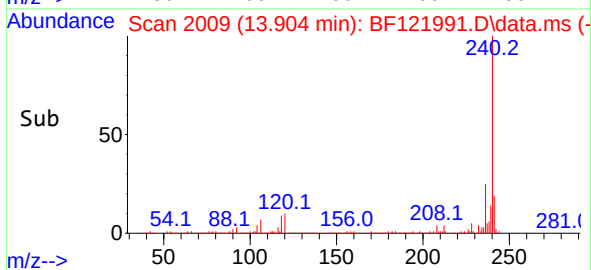
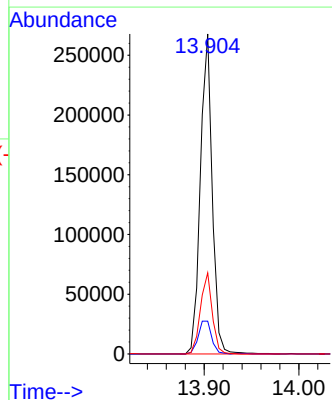
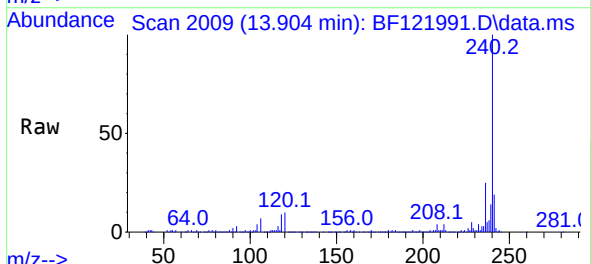
Manual Integrations
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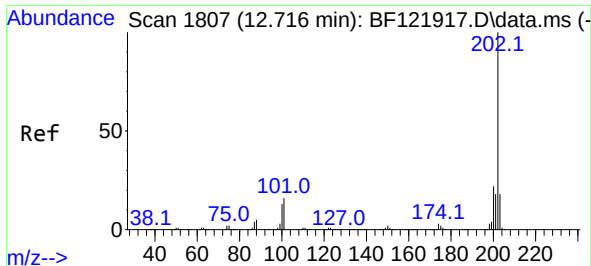
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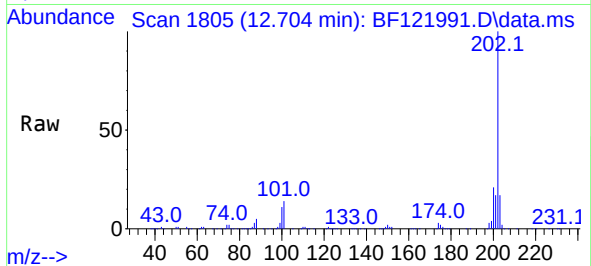
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:240 Resp: 234019
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 25.4 20.9 31.3





#78
Pyrene
Concen: 11.16 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

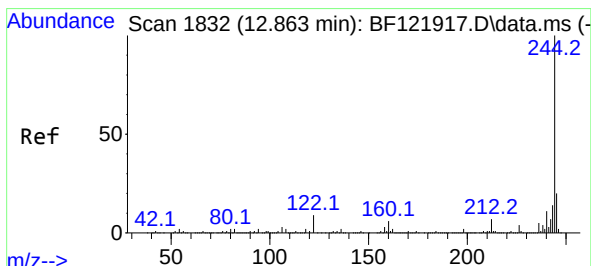
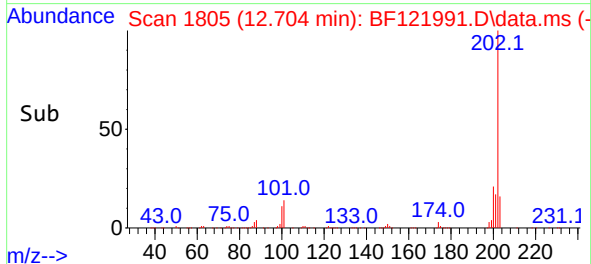
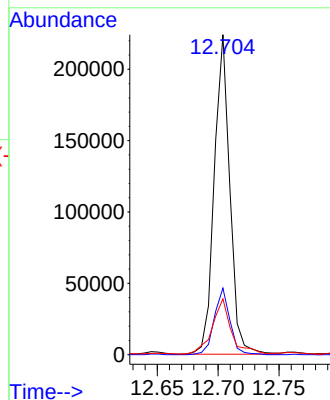


Tgt Ion:202 Resp: 199109
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 17.4 14.6 21.8

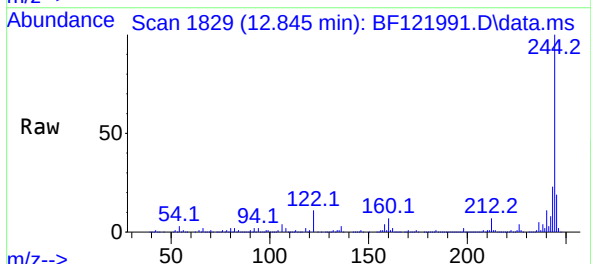
Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH

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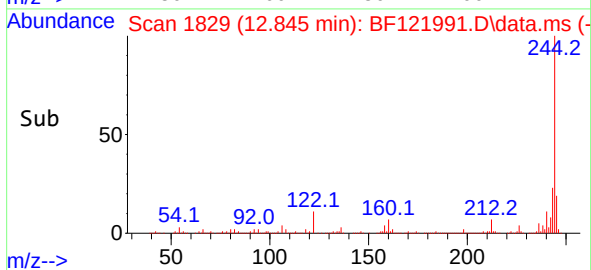
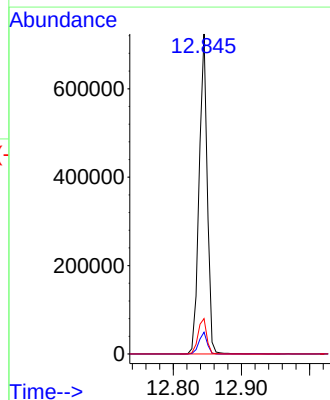
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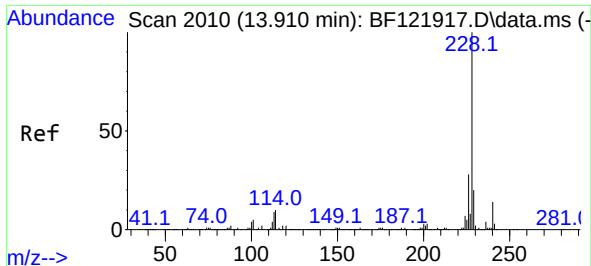


#79
Terphenyl-d14
Concen: 48.63 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

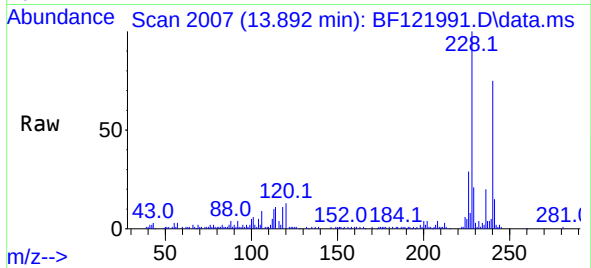


Tgt Ion:244 Resp: 597113
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 11.1 8.1 12.1

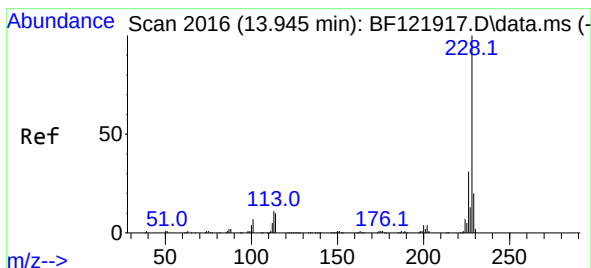
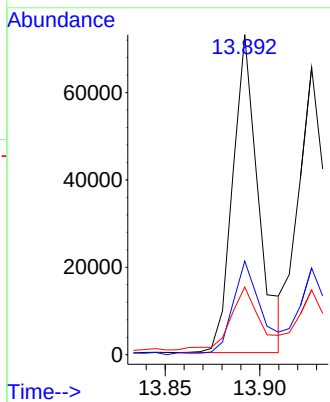
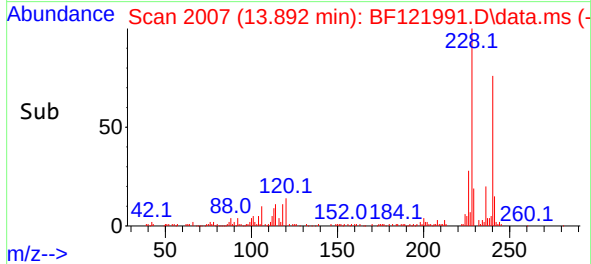




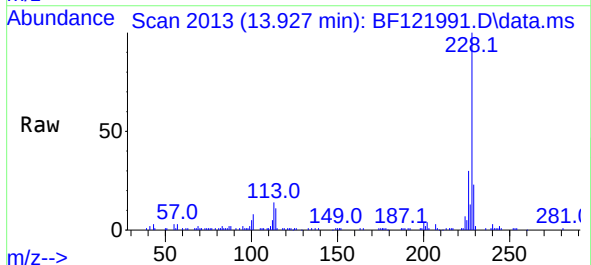
#81
Benzo(a)anthracene
Concen: 4.47 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13



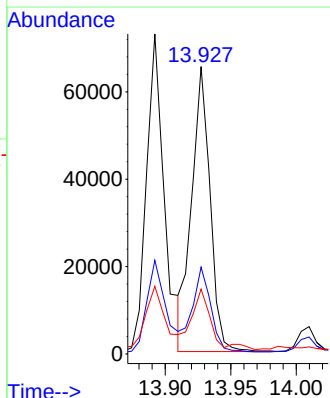
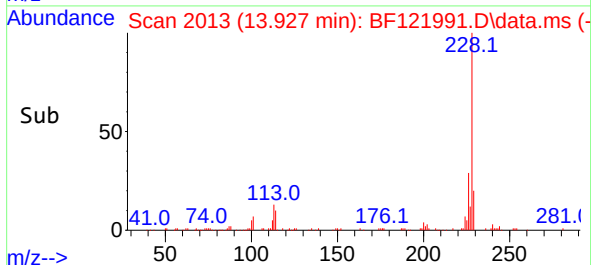
Tgt Ion:228 Resp: 68556
Ion Ratio Lower Upper
228 100
226 29.3 22.3 33.5
229 21.2 16.2 24.4



#83
Chrysene
Concen: 4.24 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13



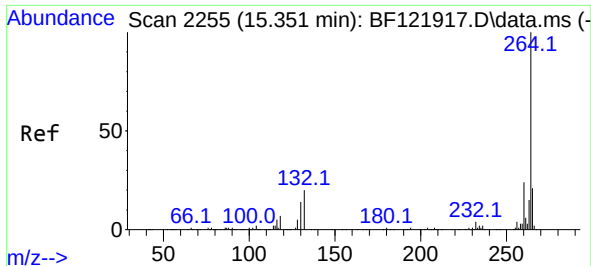
Tgt Ion:228 Resp: 63838
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 22.5 15.9 23.9



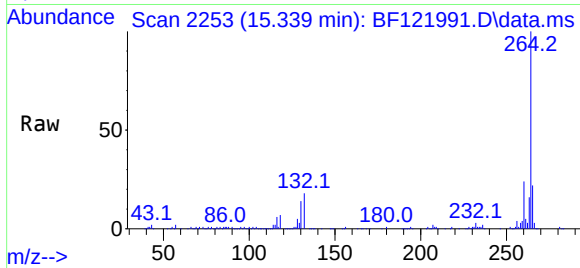
Instrument :
BNA_F
ClientSampleId :
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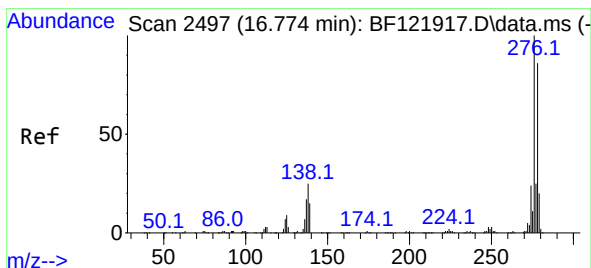
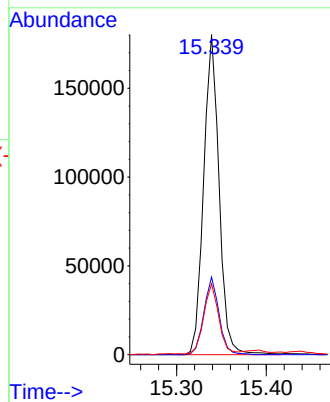
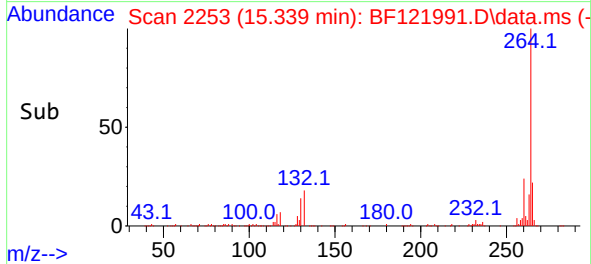
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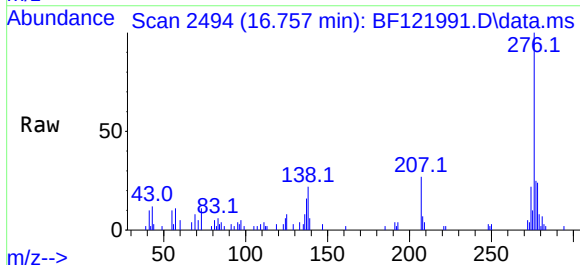
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13



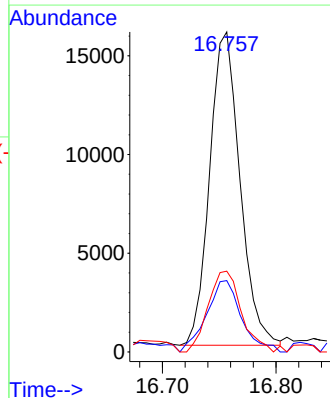
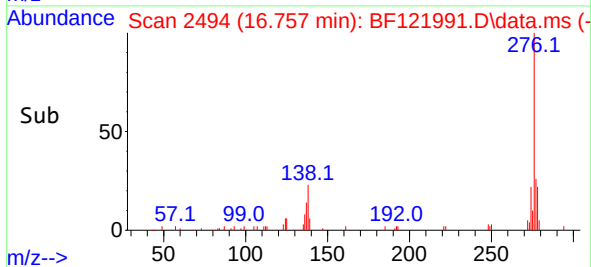
Tgt Ion:264 Resp: 214973
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 22.2 17.3 25.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.11 ng
RT: 16.757 min Scan# 2494
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13



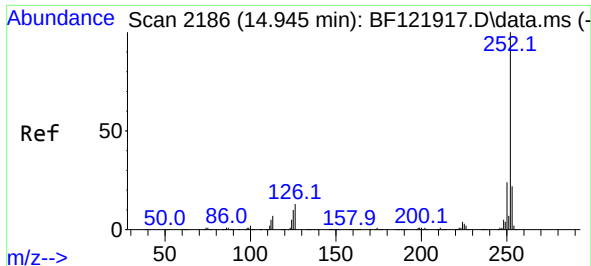
Tgt Ion:276 Resp: 29443
Ion Ratio Lower Upper
276 100
138 26.2 19.9 29.9
277 28.1 20.4 30.6



Instrument :
BNA_F
ClientSampleId :
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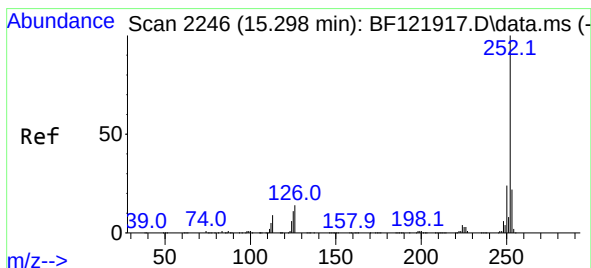
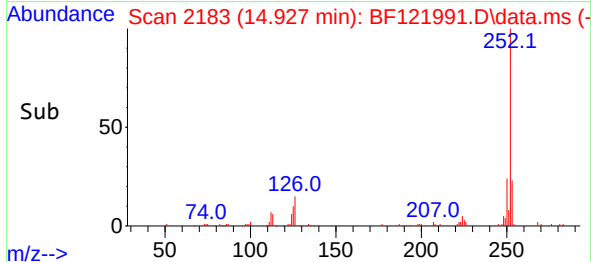
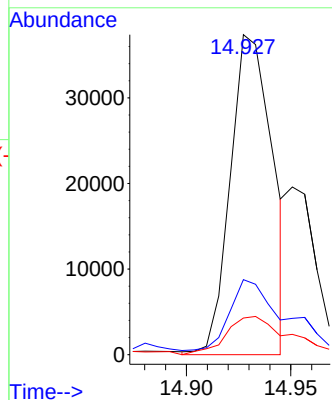
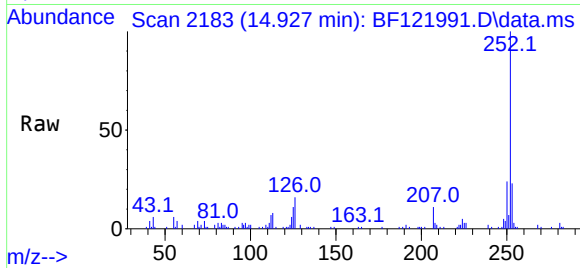
#88
Benzo(b)fluoranthene
Concen: 3.62 ng m
RT: 14.927 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:	252	Resp:	52541
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.2	27.2
125	11.4	8.0	12.0

Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH

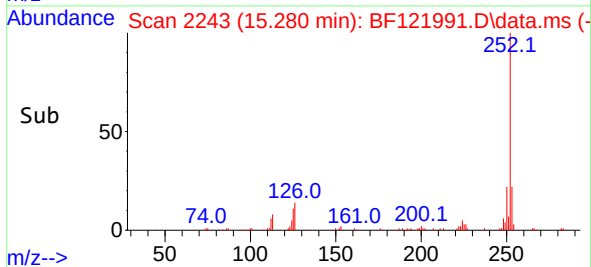
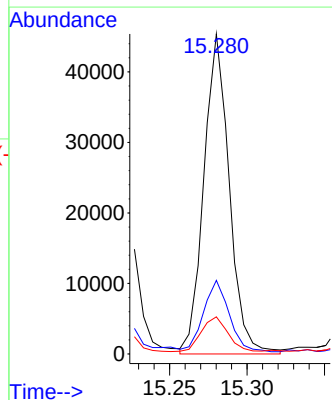
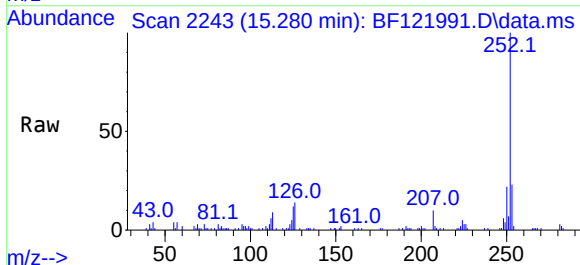
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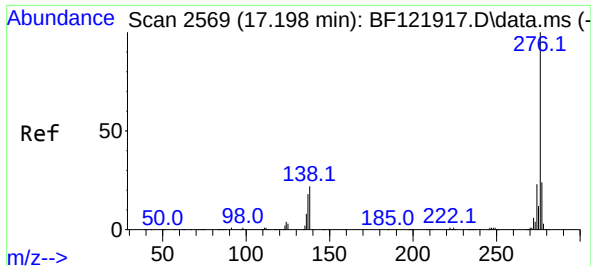
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#90
Benzo(a)pyrene
Concen: 4.13 ng
RT: 15.280 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:	252	Resp:	51823
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.3	25.9
125	11.6	8.6	13.0





#92
Benzo(g,h,i)perylene
Concen: 3.09 ng
RT: 17.186 min Scan# 2567
Delta R.T. 0.000 min
Lab File: BF121991.D
Acq: 15 Oct 2020 15:13

Tgt Ion:	276	Resp:	35512
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.4	29.2
138	20.8	17.8	26.6

Instrument :
BNA_F
ClientSampleId :
SHELL-L15-L14-NORTH

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