

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101320\
 Data File : BF121941.D
 Acq On : 13 Oct 2020 16:42
 Operator : JU/CG
 Sample : L4369-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-5

Manual Integrations
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Quant Time: Oct 13 17:31:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	101537	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	385252	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	184771	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	318254	20.00	ng	-0.01
76) Chrysene-d12	13.904	240	259885	20.00	ng	-0.01
86) Perylene-d12	15.339	264	260456	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	580317	84.35	ng	0.00
7) Phenol-d6	6.387	99	730779	82.52	ng	-0.01
23) Nitrobenzene-d5	7.310	82	492900	65.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	185122	80.99	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	799735	63.68	ng	-0.01
79) Terphenyl-d14	12.845	244	676514	49.61	ng	-0.02
Target Compounds						Qvalue
49) Acenaphthylene	9.639	152	60978	3.40	ng	98
50) Dimethylphthalate	9.498	163	142047	10.51	ng	99
71) Phenanthrene	11.286	178	66337	3.80	ng	99
75) Fluoranthene	12.475	202	89458	4.78	ng	98
78) Pyrene	12.704	202	115234	5.82	ng	97
81) Benzo(a)anthracene	13.892	228	54758	3.22	ng	# 72
83) Chrysene	13.927	228	59655	3.57	ng	# 93
87) Indeno(1,2,3-cd)pyrene	16.745	276	41359	2.45	ng	96
88) Benzo(b)fluoranthene	14.927	252	73455m	4.17	ng	
90) Benzo(a)pyrene	15.274	252	58809	3.87	ng	# 94
92) Benzo(g,h,i)perylene	17.168	276	52490	3.77	ng	98

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

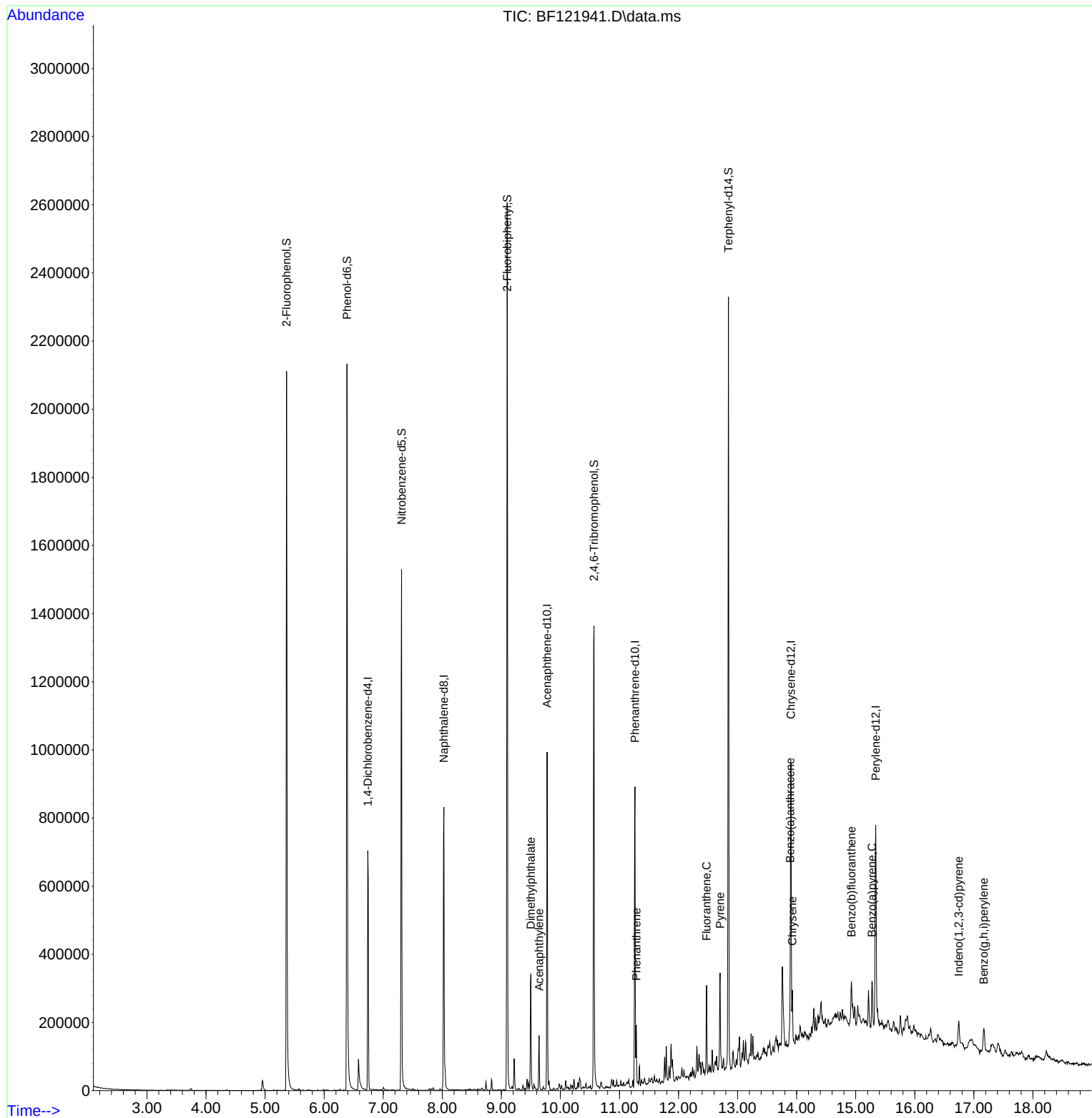
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Data File : BF121941.D
Acq On : 13 Oct 2020 16:42
Operator : JU/CG
Sample : L4369-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

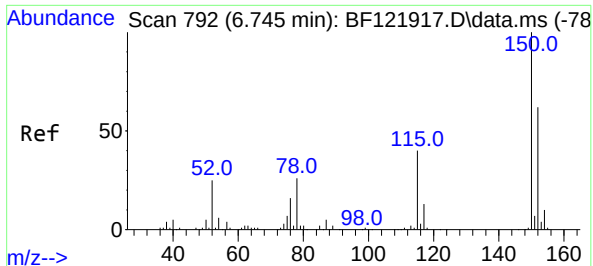
Instrument :
BNA_F
ClientSampleId :
HD-5

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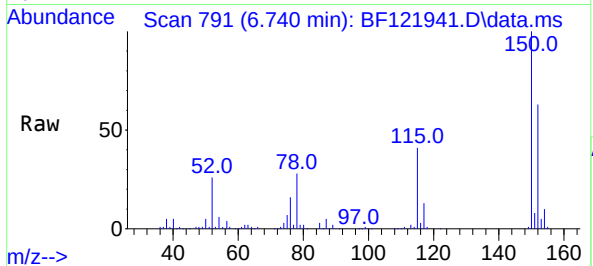
Quant Time: Oct 13 17:31:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42

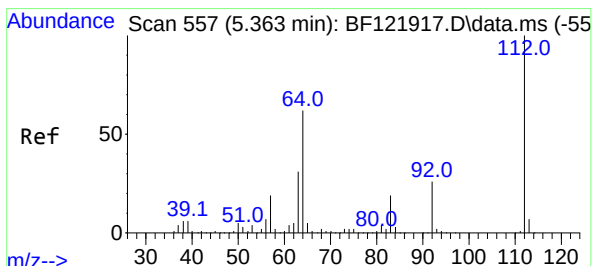
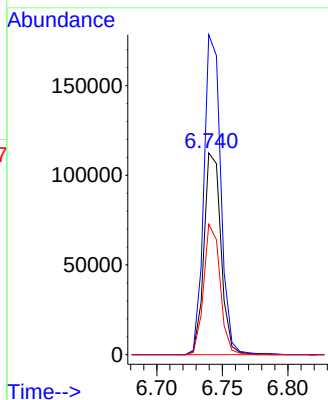
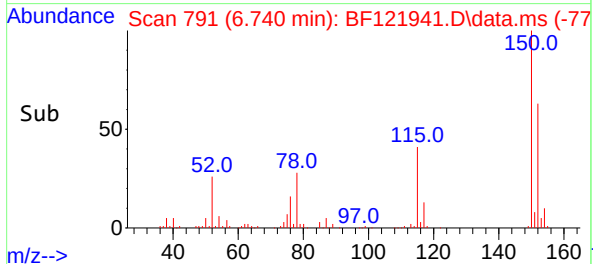
Instrument :
BNA_F
ClientSampled :
HD-5



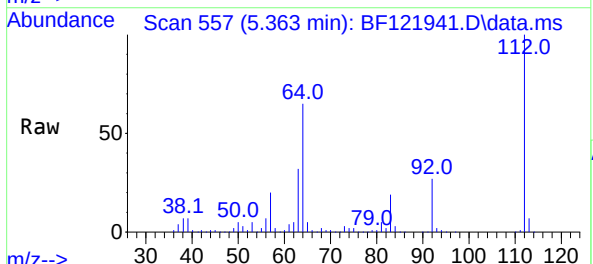
Tgt Ion:152 Resp: 101537
Ion Ratio Lower Upper
152 100
150 158.6 125.3 187.9
115 64.7 51.9 77.9

Manual Integrations
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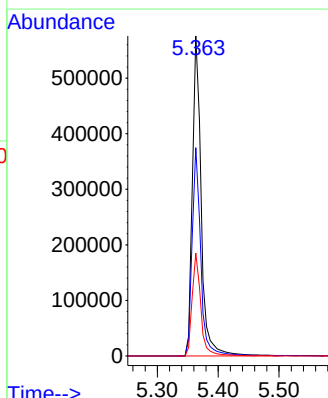
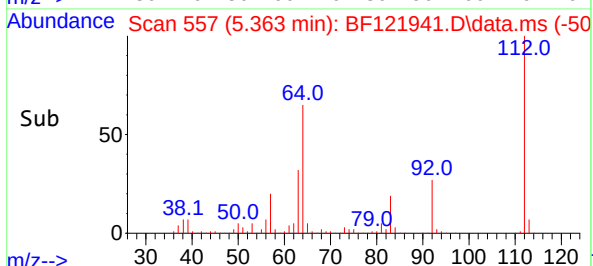
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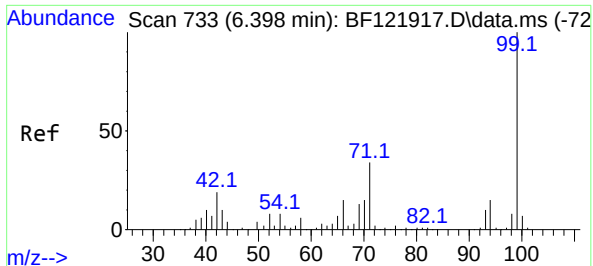


#5
2-Fluorophenol
Concen: 84.35 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42



Tgt Ion:112 Resp: 580317
Ion Ratio Lower Upper
112 100
64 65.1 50.4 75.6
63 32.1 25.8 38.6





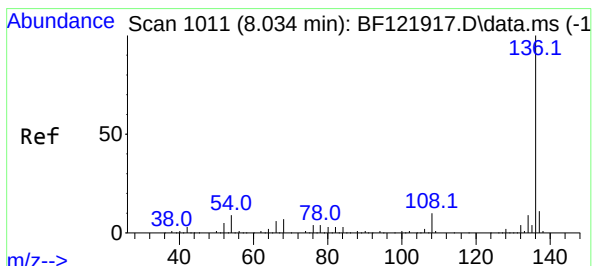
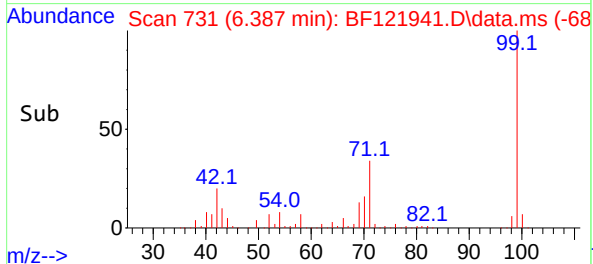
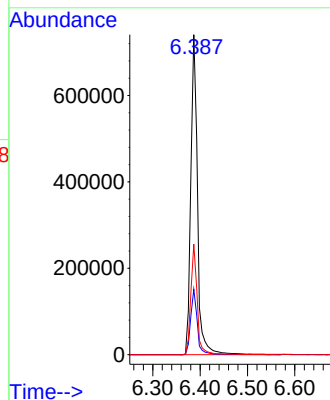
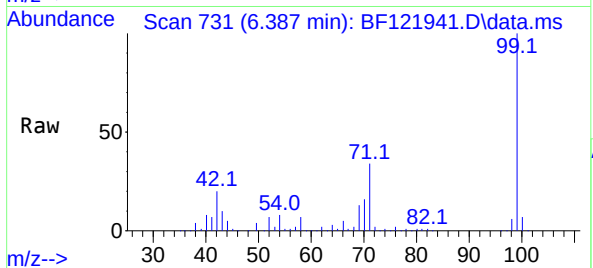
#7
Phenol-d6
Concen: 82.52 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42

Tgt Ion: 99 Resp: 730779
Ion Ratio Lower Upper
99 100
42 20.4 15.9 23.9
71 34.5 27.1 40.7

Instrument :
BNA_F
ClientSampled :
HD-5

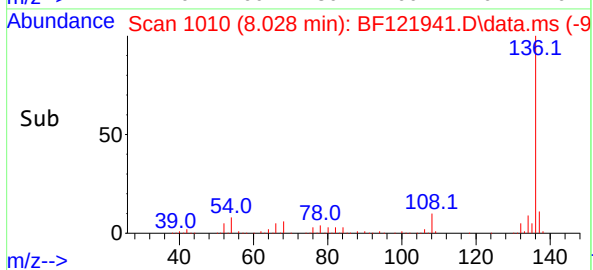
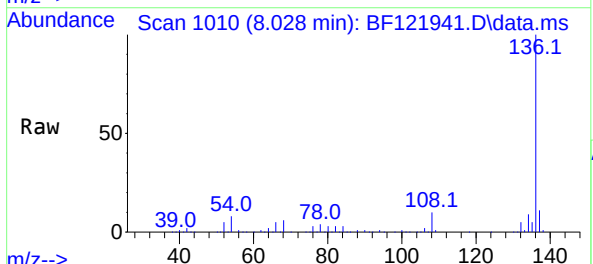
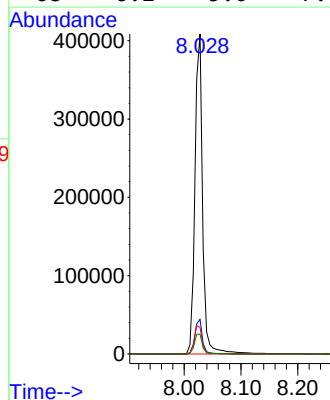
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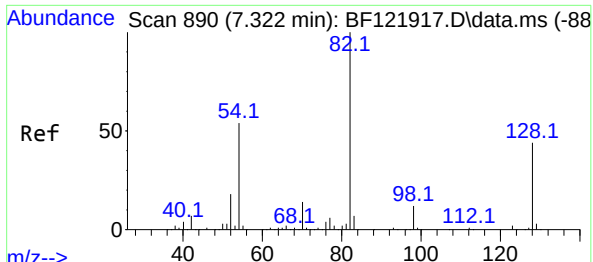
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42

Tgt Ion: 136 Resp: 385252
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 7.1 10.7
68 6.2 5.0 7.4





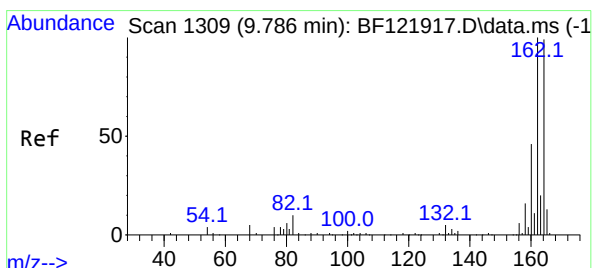
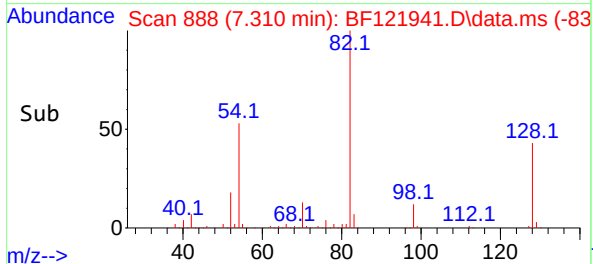
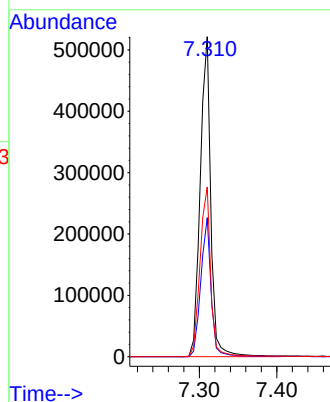
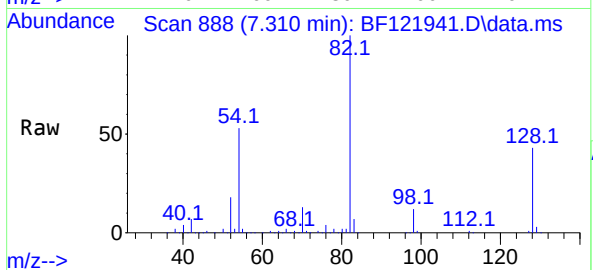
#23
Nitrobenzene-d5
Concen: 65.62 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42

Tgt Ion: 82 Resp: 492900
Ion Ratio Lower Upper
82 100
128 43.4 35.0 52.4
54 53.0 43.9 65.9

Instrument :
BNA_F
ClientSampled :
HD-5

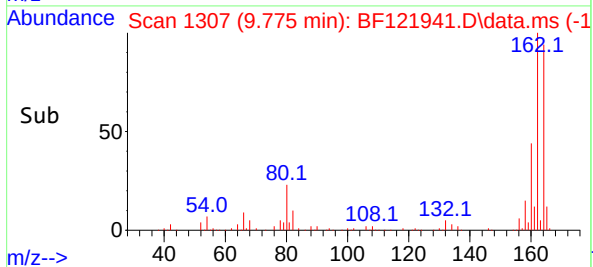
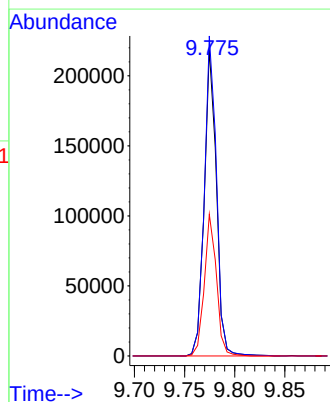
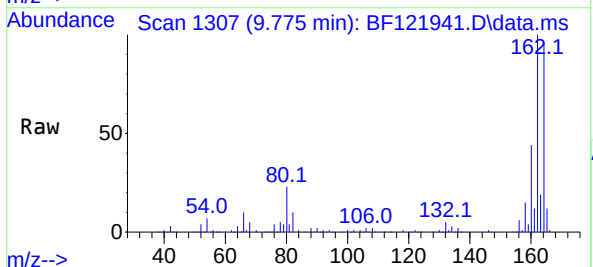
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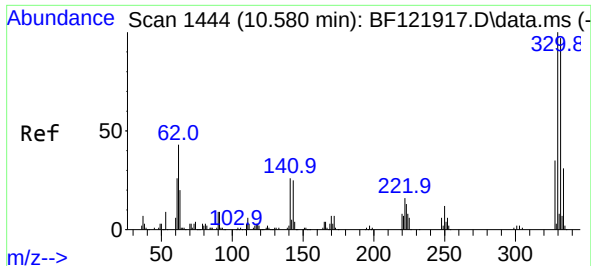
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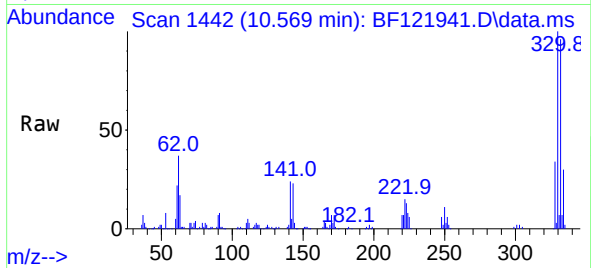
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.011 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42

Tgt Ion:164 Resp: 184771
Ion Ratio Lower Upper
164 100
162 104.5 83.2 124.8
160 46.3 37.5 56.3

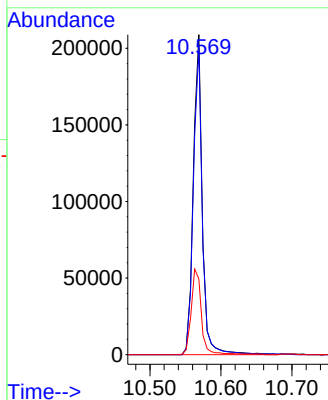
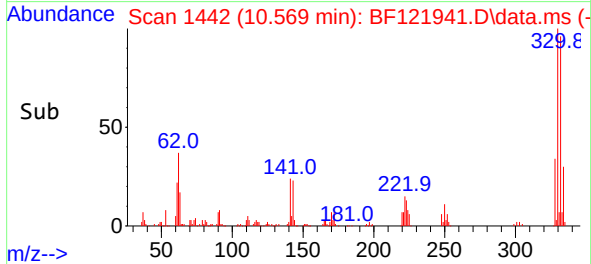




#42
2,4,6-Tribromophenol
Concen: 80.99 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42



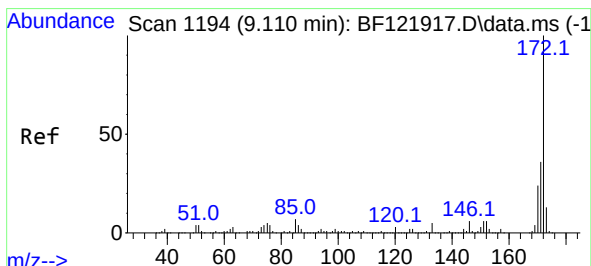
Tgt Ion: 330 Resp: 185122
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 30.0 22.3 33.5



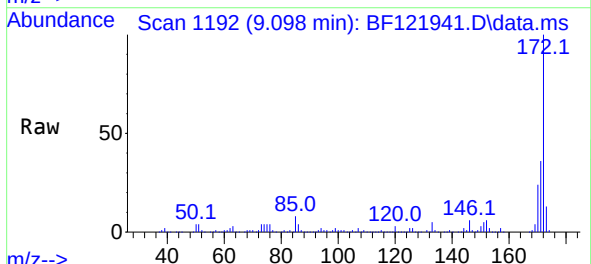
Instrument :
BNA_F
ClientSampled :
HD-5

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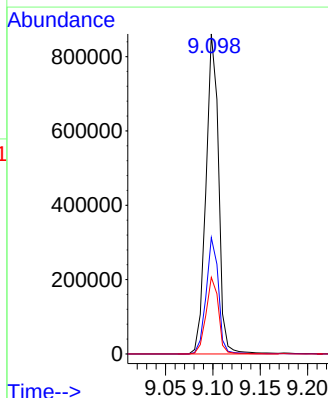
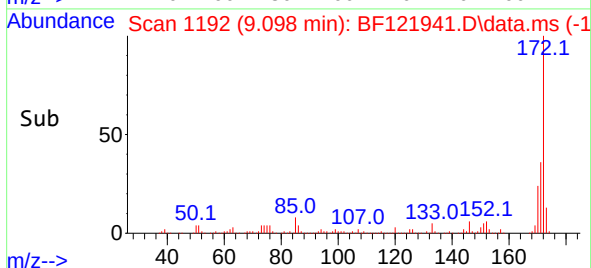
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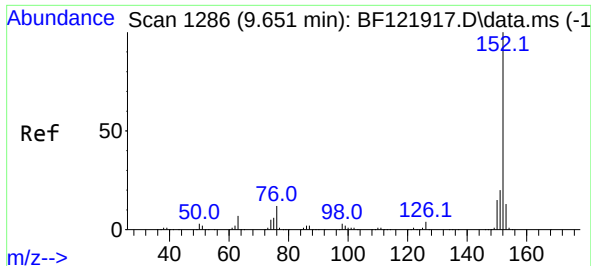


#45
2-Fluorobiphenyl
Concen: 63.68 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42

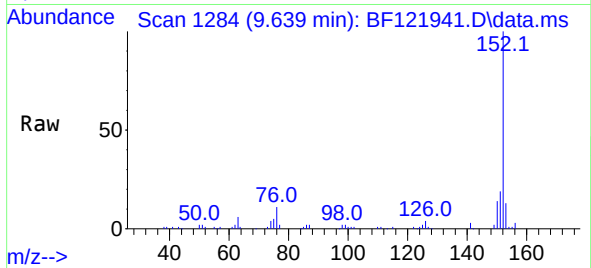


Tgt Ion: 172 Resp: 799735
Ion Ratio Lower Upper
172 100
171 36.3 29.1 43.7
170 24.0 19.8 29.6

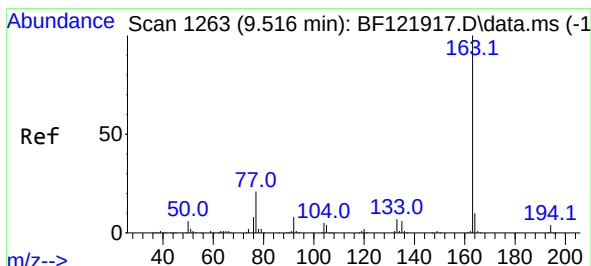
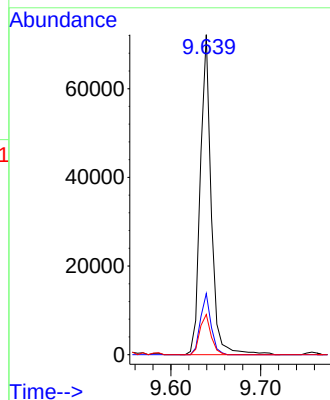
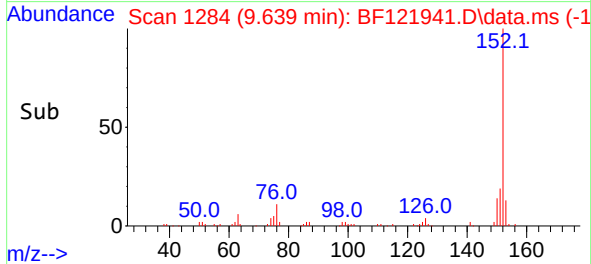




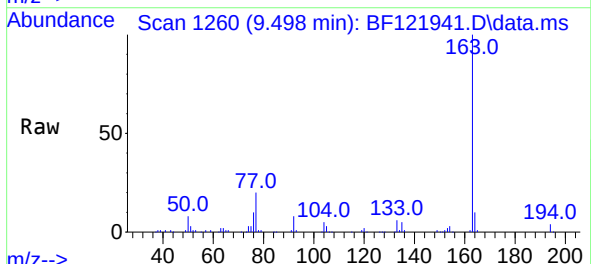
#49
Acenaphthylene
Concen: 3.40 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42



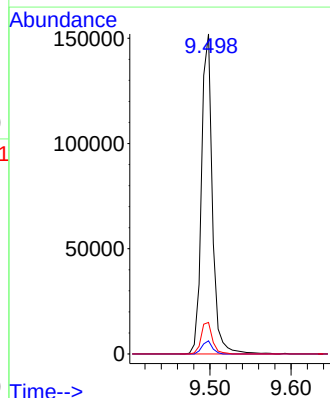
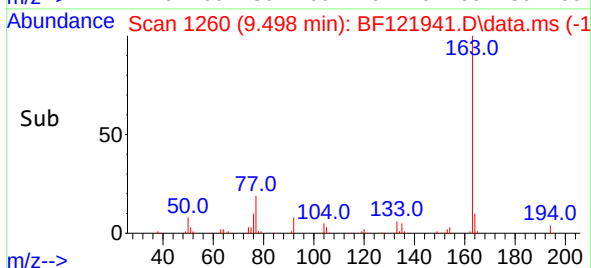
Tgt Ion:152 Resp: 60978
Ion Ratio Lower Upper
152 100
151 19.1 16.4 24.6
153 12.6 10.6 15.8



#50
Dimethylphthalate
Concen: 10.51 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.018 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42



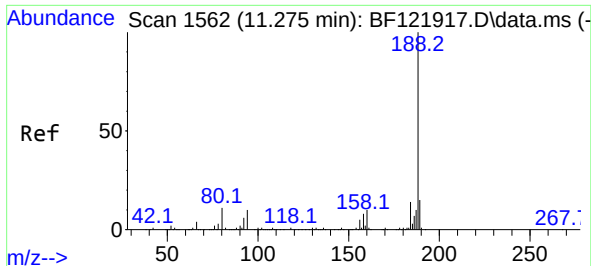
Tgt Ion:163 Resp: 142047
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.2 12.4



Instrument :
BNA_F
ClientSampled :
HD-5

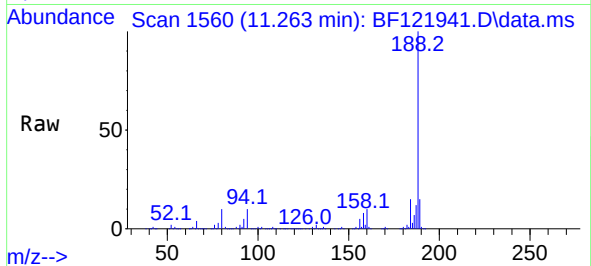
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42

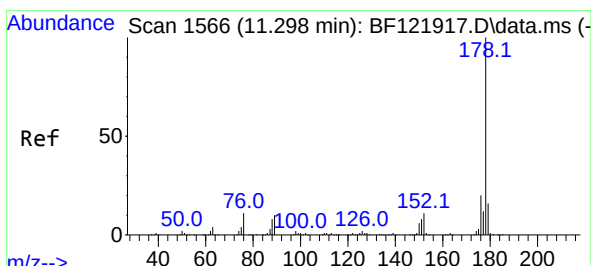
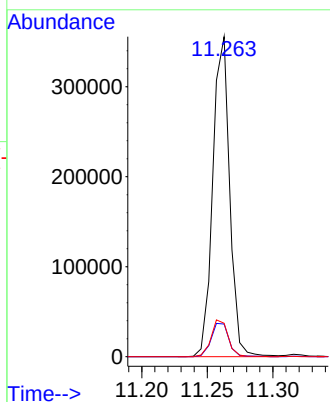
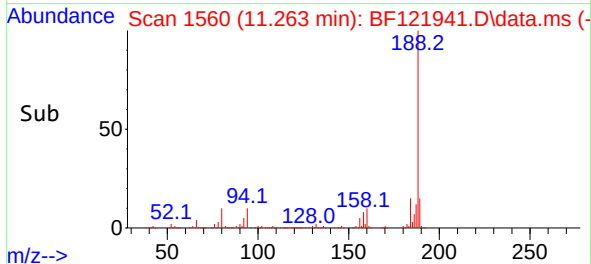
Instrument :
BNA_F
ClientSampled :
HD-5



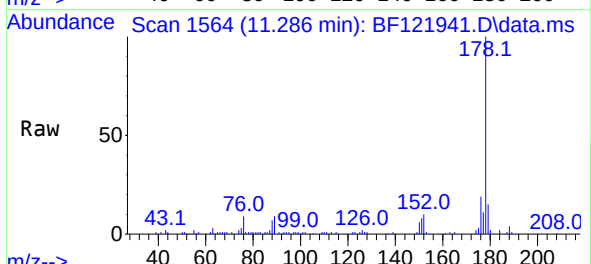
Tgt Ion:188 Resp: 318254
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.5 9.1 13.7

Manual Integrations
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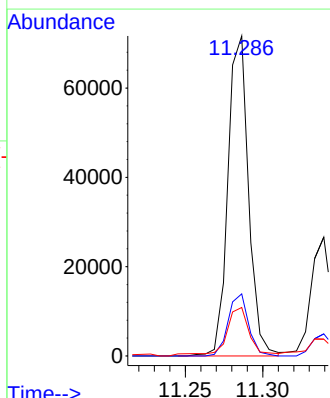
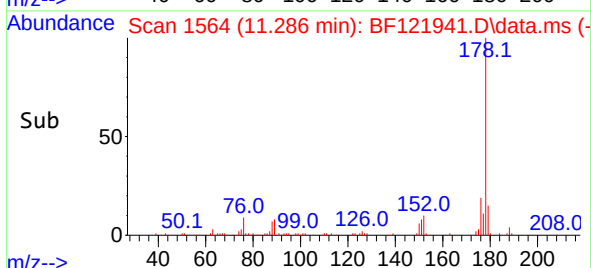
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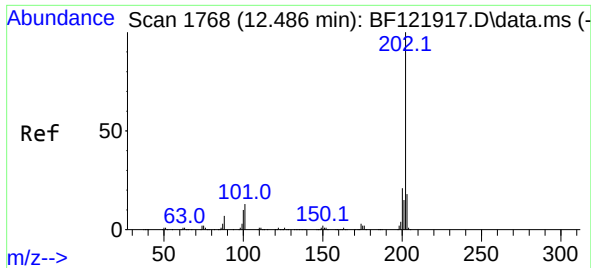


#71
Phenanthrene
Concen: 3.80 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42



Tgt Ion:178 Resp: 66337
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.2 12.2 18.4





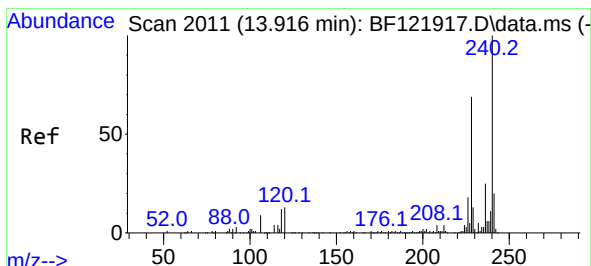
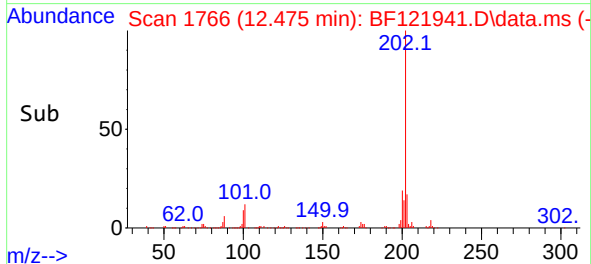
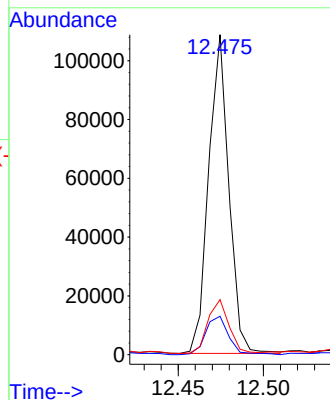
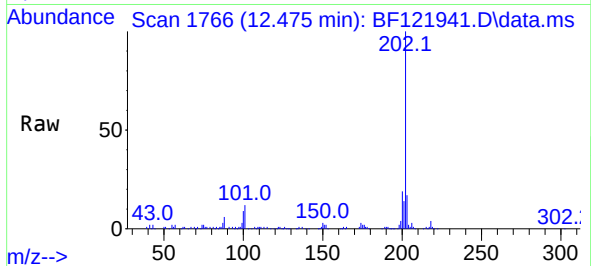
#75
Fluoranthene
Concen: 4.78 ng
RT: 12.475 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42

Tgt Ion:	202	Resp:	89458
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	33.4
203	17.2	0.0	37.9

Instrument :
BNA_F
ClientSampled :
HD-5

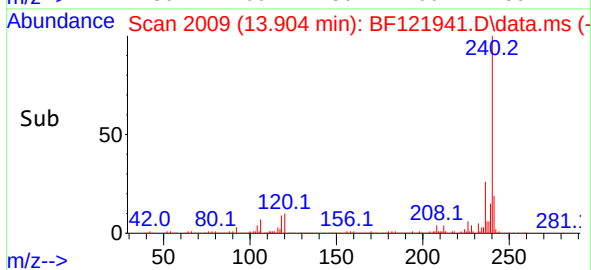
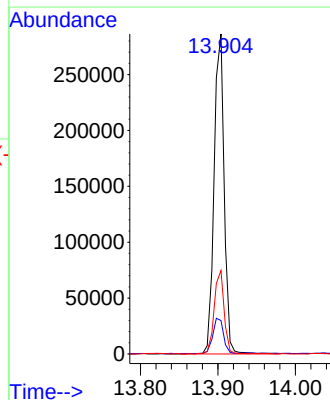
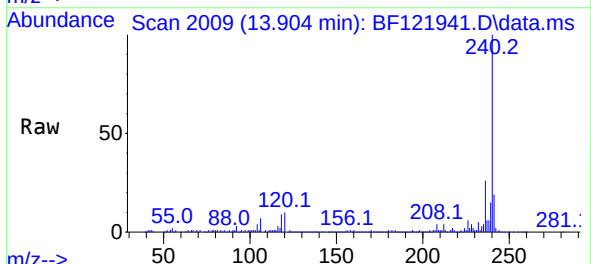
Manual Integrations
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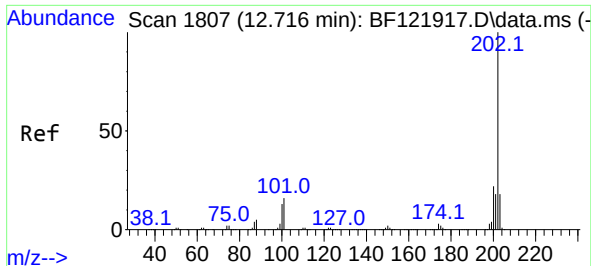
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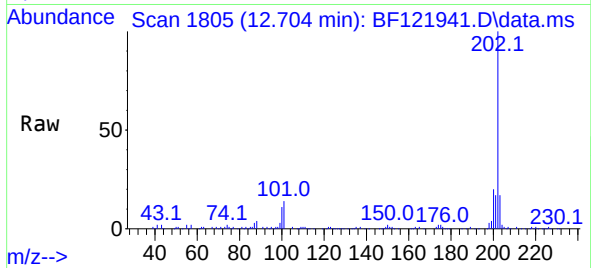
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42

Tgt Ion:	240	Resp:	259885
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.2	13.8
236	26.1	20.9	31.3

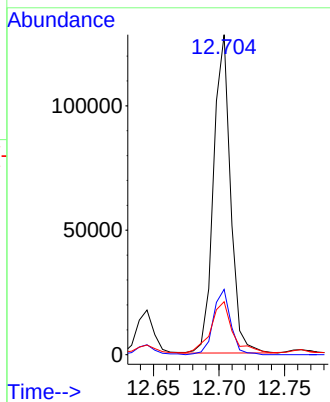
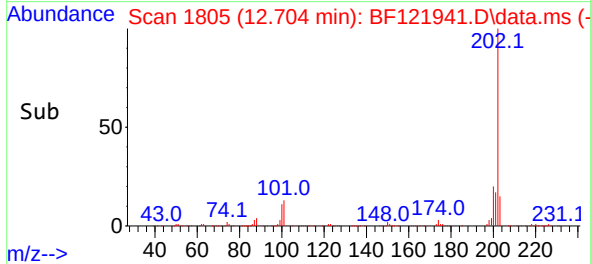




#78
Pyrene
Concen: 5.82 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42



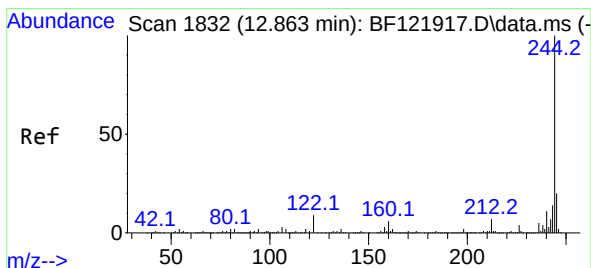
Tgt Ion:202 Resp: 115234
Ion Ratio Lower Upper
202 100
200 20.4 17.4 26.2
203 16.5 14.6 21.8



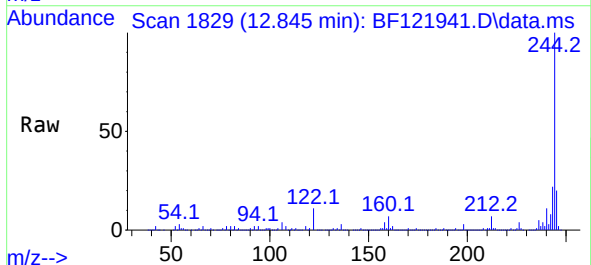
Instrument :
BNA_F
ClientSampleId :
HD-5

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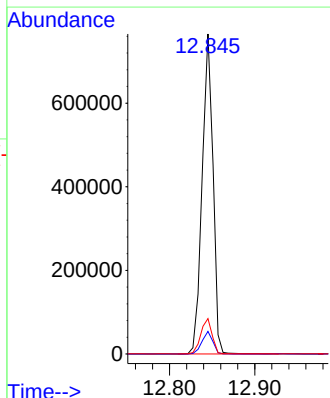
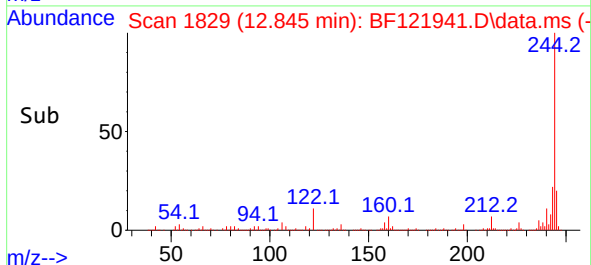
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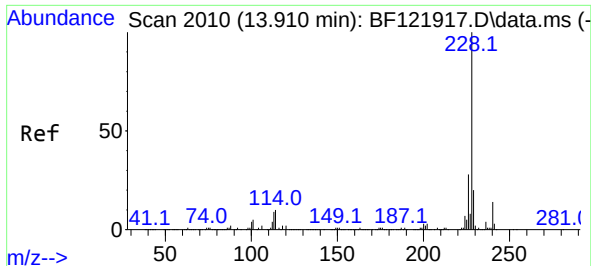


#79
Terphenyl-d14
Concen: 49.61 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.018 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42

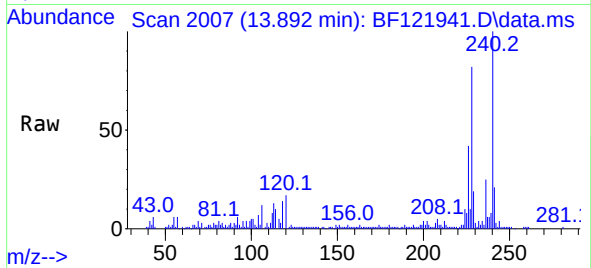


Tgt Ion:244 Resp: 676514
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.0 8.1 12.1

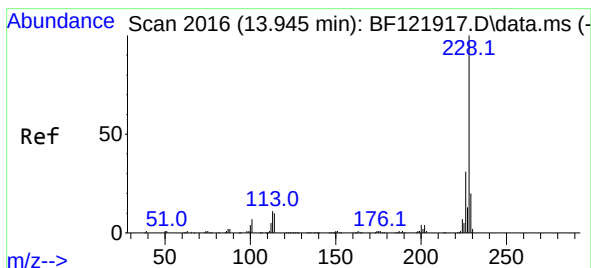
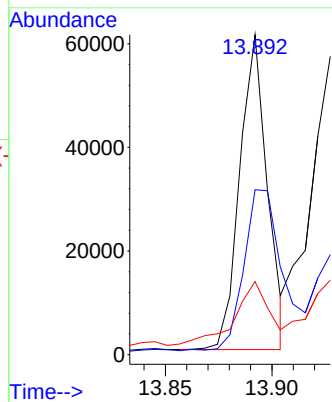
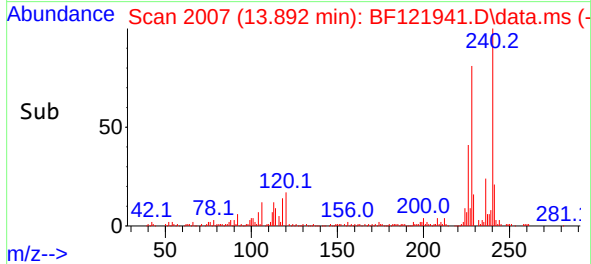




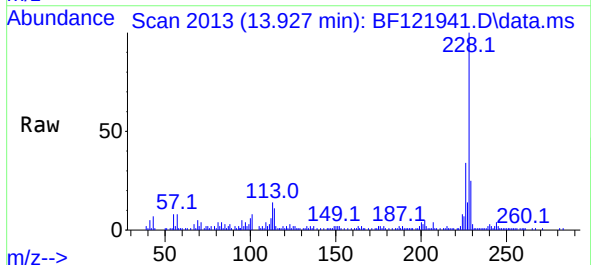
#81
Benzo(a)anthracene
Concen: 3.22 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42



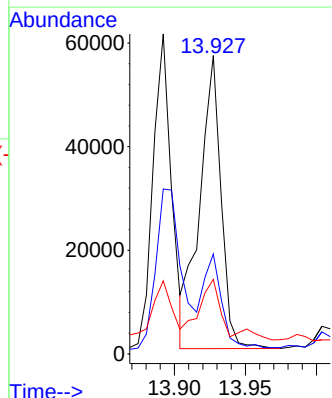
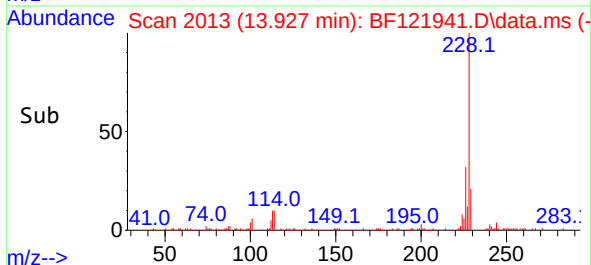
Tgt Ion:228 Resp: 54758
Ion Ratio Lower Upper
228 100
226 51.6 22.3 33.5#
229 22.9 16.2 24.4



#83
Chrysene
Concen: 3.57 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42



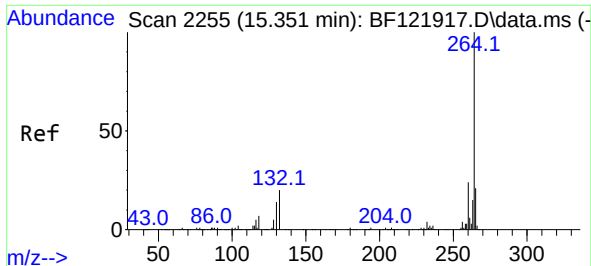
Tgt Ion:228 Resp: 59655
Ion Ratio Lower Upper
228 100
226 33.5 24.6 37.0
229 25.0 15.9 23.9#



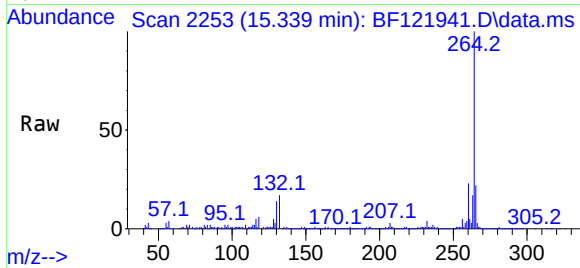
Instrument :
BNA_F
ClientSampled :
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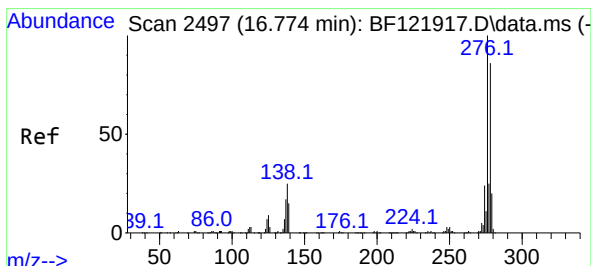
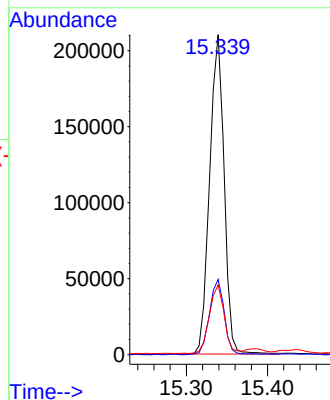
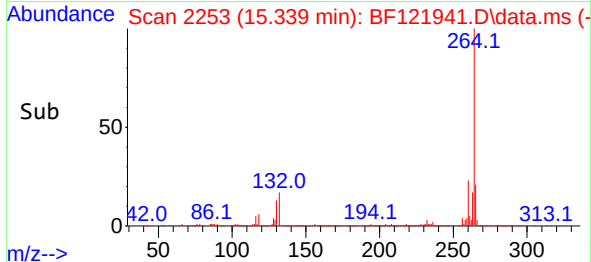
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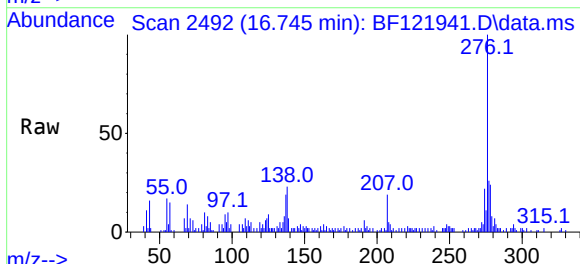
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42



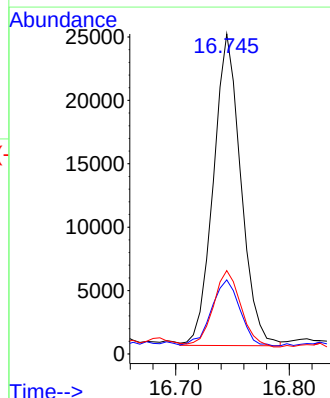
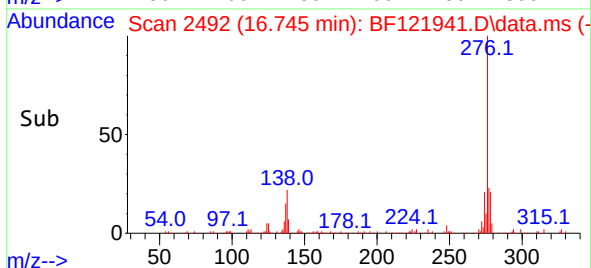
Tgt Ion:264 Resp: 260456
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.7 17.3 25.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.45 ng
RT: 16.745 min Scan# 2492
Delta R.T. -0.029 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42



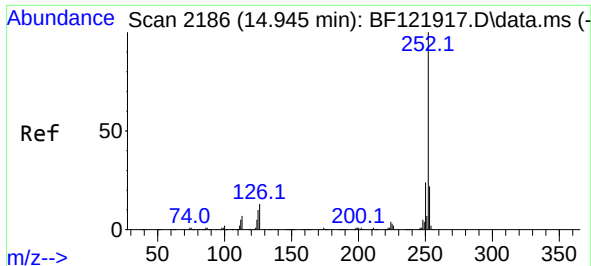
Tgt Ion:276 Resp: 41359
Ion Ratio Lower Upper
276 100
138 22.0 19.9 29.9
277 24.7 20.4 30.6



Instrument :
BNA_F
ClientSampled :
HD-5

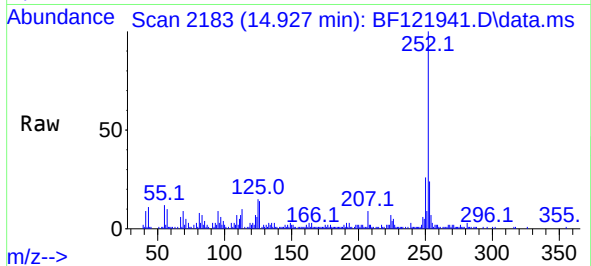
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#88
Benzo(b)fluoranthene
Concen: 4.17 ng m
RT: 14.927 min Scan# 2183
Delta R.T. -0.018 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42

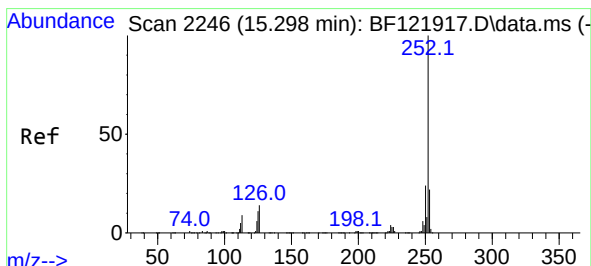
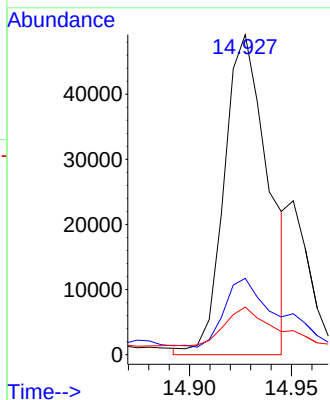
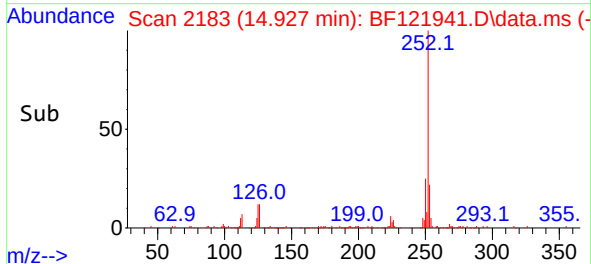
Instrument :
BNA_F
ClientSampled :
HD-5



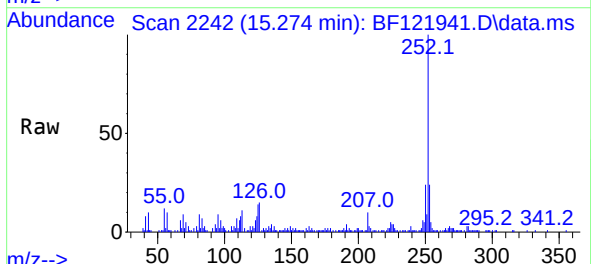
Tgt Ion:252 Resp: 73455
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 14.9 8.0 12.0#

Manual Integrations
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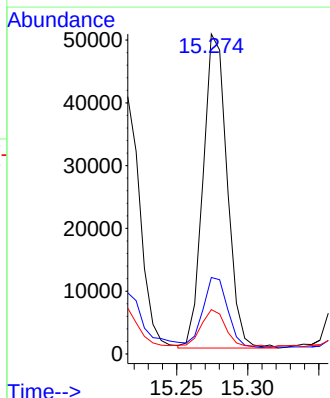
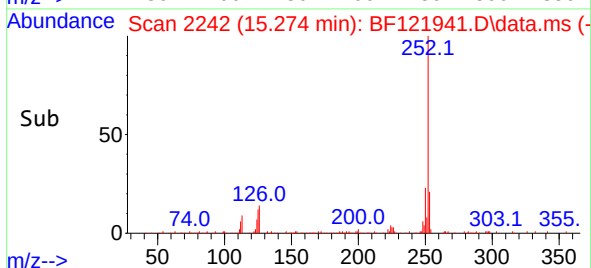
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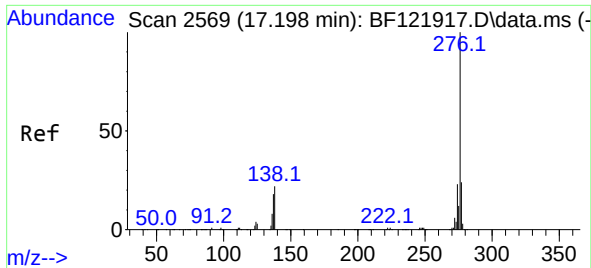


#90
Benzo(a)pyrene
Concen: 3.87 ng
RT: 15.274 min Scan# 2242
Delta R.T. -0.023 min
Lab File: BF121941.D
Acq: 13 Oct 2020 16:42

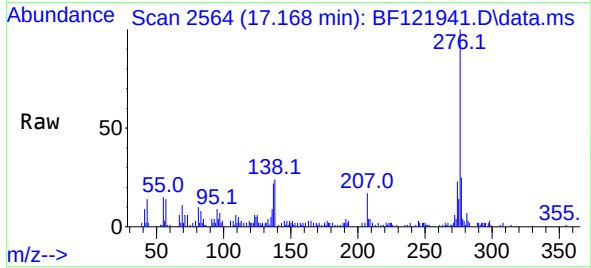


Tgt Ion:252 Resp: 58809
Ion Ratio Lower Upper
252 100
253 23.9 17.3 25.9
125 13.9 8.6 13.0#

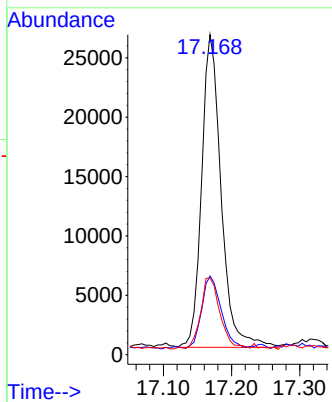
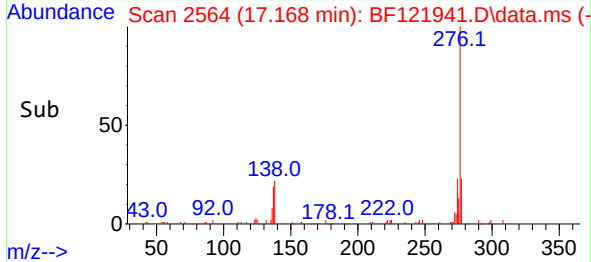




#92
 Benzo(g,h,i)perylene
 Concen: 3.77 ng
 RT: 17.168 min Scan# 2564
 Delta R.T. -0.029 min
 Lab File: BF121941.D
 Acq: 13 Oct 2020 16:42



Tgt Ion:	276	Resp:	52490
Ion Ratio	Lower	Upper	
276	100		
277	24.6	19.4	29.2
138	24.0	17.8	26.6



Instrument :
 BNA_F
 ClientSampleId :
 HD-5

Manual Integrations
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