

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
 Data File : BF122104.D
 Acq On : 23 Oct 2020 17:50
 Operator : JU/CG
 Sample : L4496-01 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-102220

Manual Integrations
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Quant Time: Oct 23 23:36:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	108717	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	437399	20.00	ng	0.00
39) Acenaphthene-d10	9.763	164	213829	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	357974	20.00	ng	0.00
76) Chrysene-d12	13.892	240	253871	20.00	ng	0.00
86) Perylene-d12	15.327	264	250555	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	45921	6.23	ng	0.01
7) Phenol-d6	6.392	99	65589	6.92	ng	0.01
23) Nitrobenzene-d5	7.298	82	44414	5.21	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	9807	3.71	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	85176	5.86	ng	0.00
79) Terphenyl-d14	12.827	244	64260	4.82	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.274	178	44362	2.26	ng	99
75) Fluoranthene	12.463	202	110084	5.23	ng	97
78) Pyrene	12.692	202	103912	5.37	ng	97
81) Benzo(a)anthracene	13.880	228	54959	3.30	ng	98
83) Chrysene	13.915	228	51257	3.14	ng	98
87) Indeno(1,2,3-cd)pyrene	16.745	276	33420	2.05	ng	97
88) Benzo(b)fluoranthene	14.915	252	70273m	4.15	ng	
90) Benzo(a)pyrene	15.268	252	51595	3.53	ng	# 96
92) Benzo(g,h,i)perylene	17.174	276	30215	2.25	ng	98

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

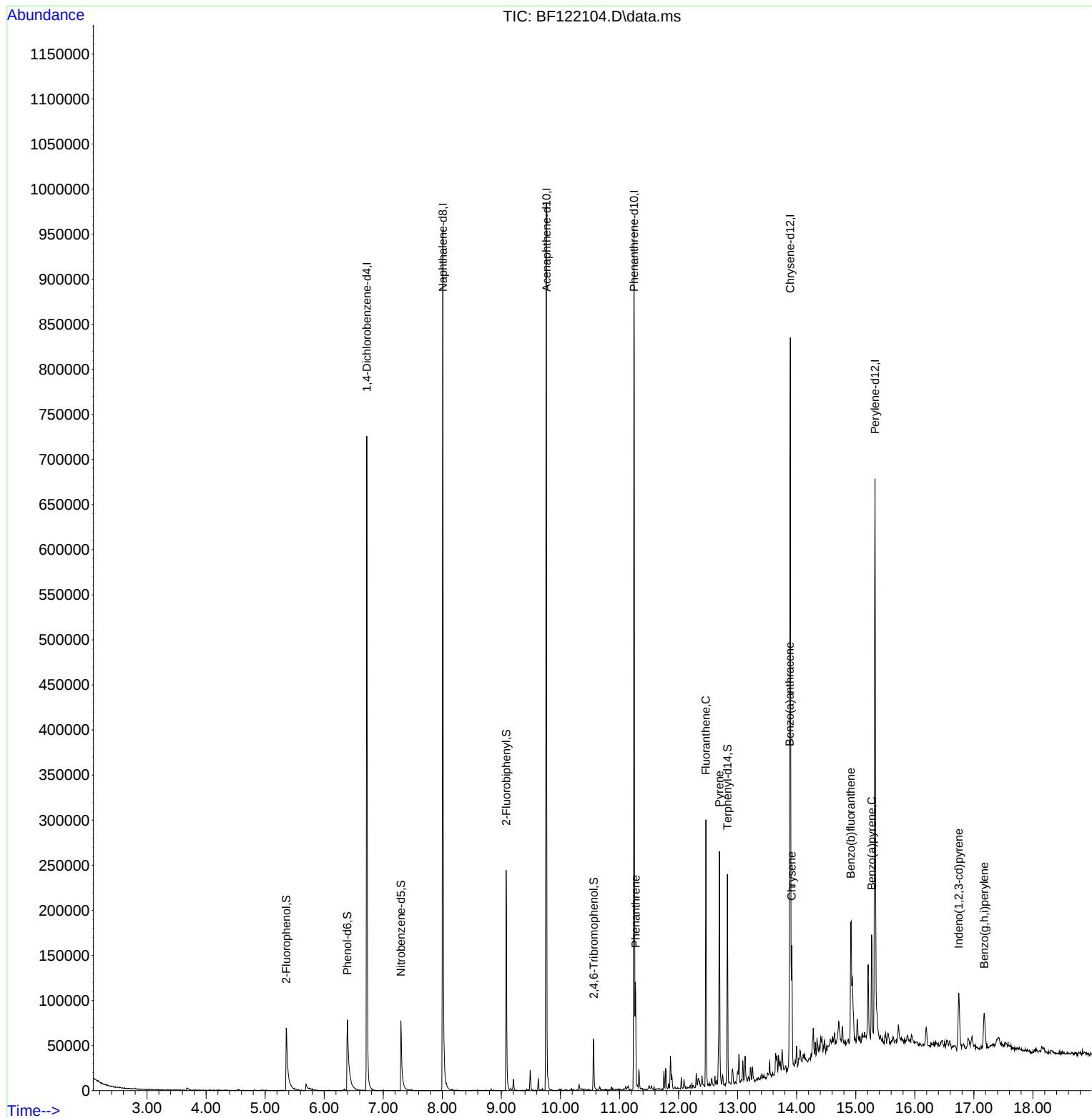
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
Data File : BF122104.D
Acq On : 23 Oct 2020 17:50
Operator : JU/CG
Sample : L4496-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-01-102220

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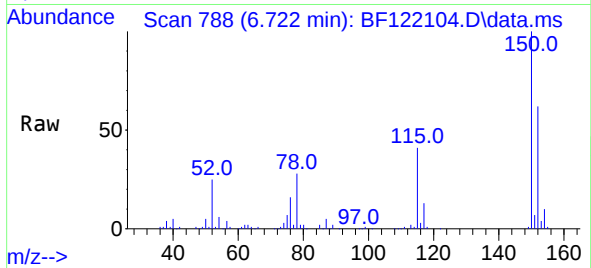
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Quant Time: Oct 23 23:36:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF10220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

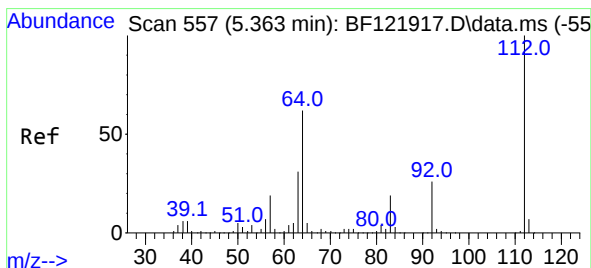
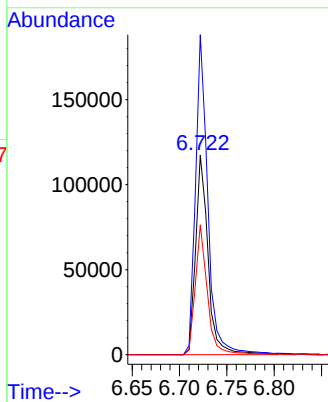
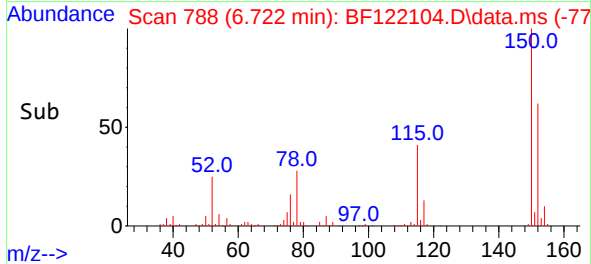




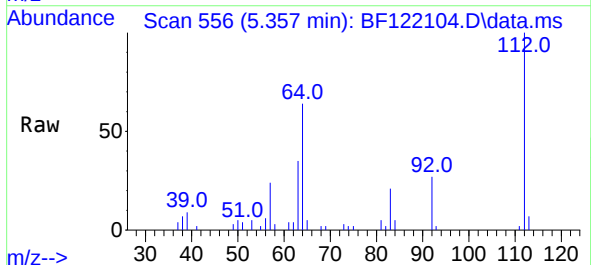
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50



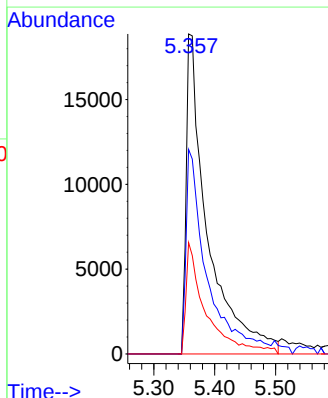
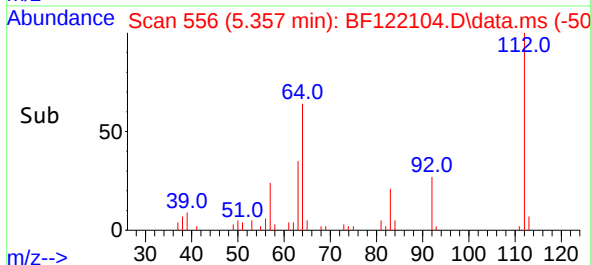
Tgt Ion:152 Resp: 108717
Ion Ratio Lower Upper
152 100
150 160.4 125.3 187.9
115 65.1 51.9 77.9



#5
2-Fluorophenol
Concen: 6.23 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.012 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50



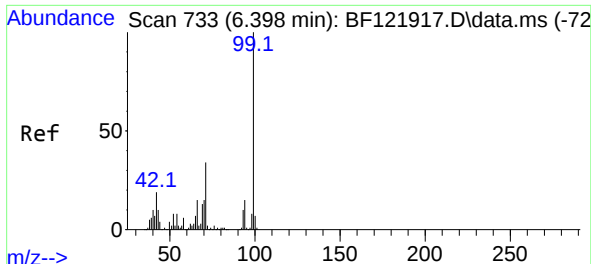
Tgt Ion:112 Resp: 45921
Ion Ratio Lower Upper
112 100
64 63.9 50.4 75.6
63 34.8 25.8 38.6



Instrument :
BNA_F
ClientSampleId :
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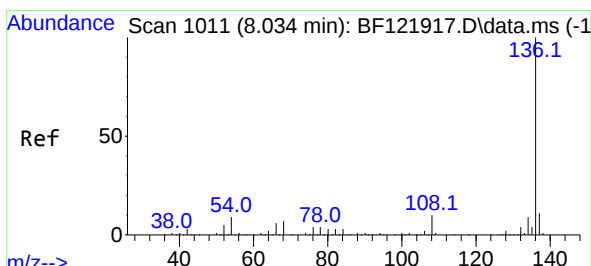
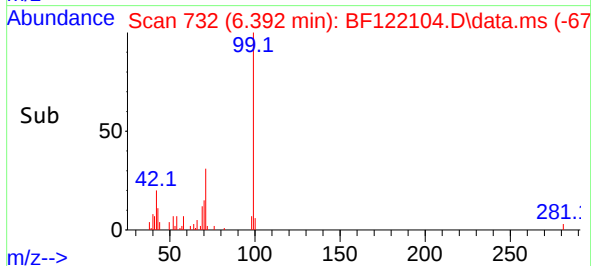
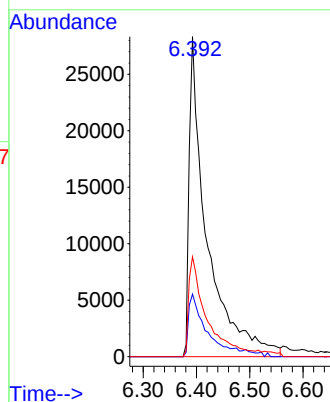
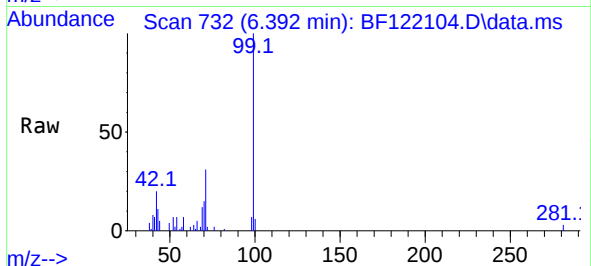
#7
Phenol-d6
Concen: 6.92 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.012 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50

Tgt Ion:	99	Resp:	65589
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.9	23.9
71	31.2	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
SA-01-102220

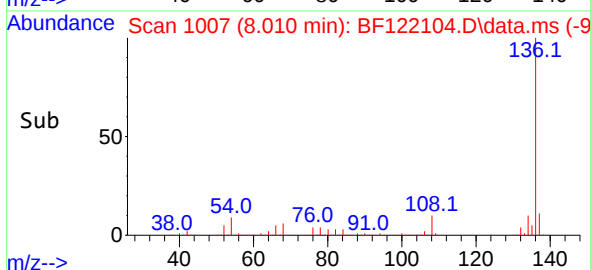
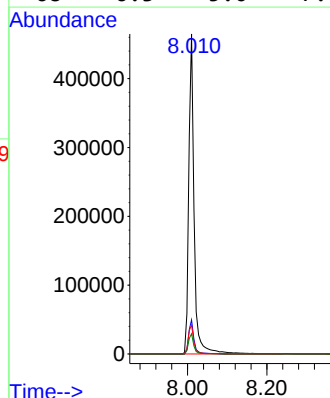
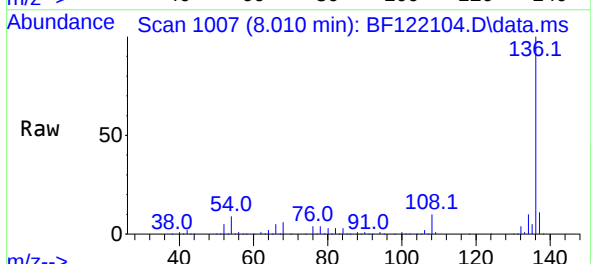
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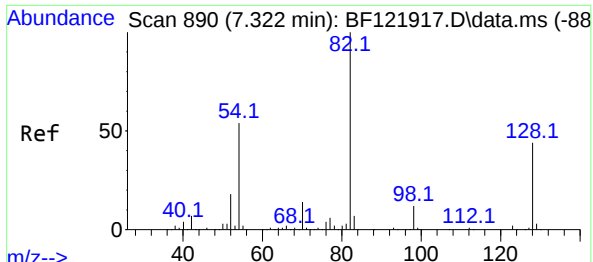
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50

Tgt Ion:	136	Resp:	437399
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.0	7.1	10.7
68	6.3	5.0	7.4





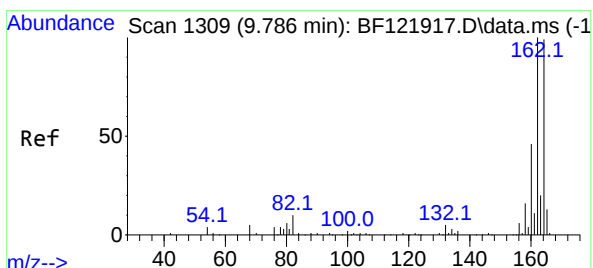
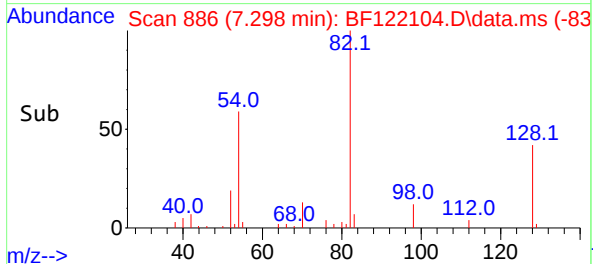
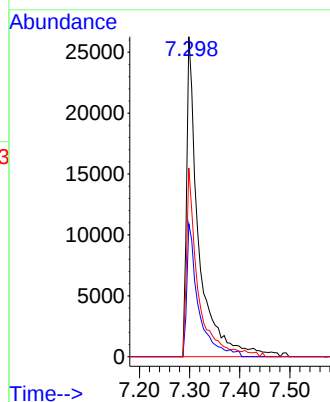
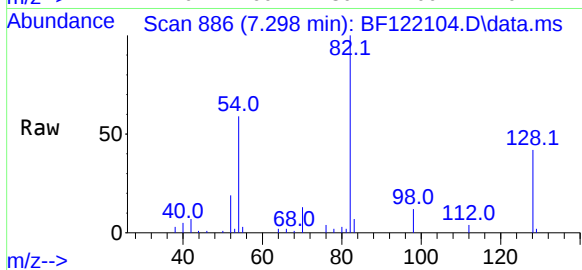
#23
Nitrobenzene-d5
Concen: 5.21 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50

Tgt Ion:	82	Resp:	44414
Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.0	52.4
54	58.9	43.9	65.9

Instrument :
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ClientSampleId :
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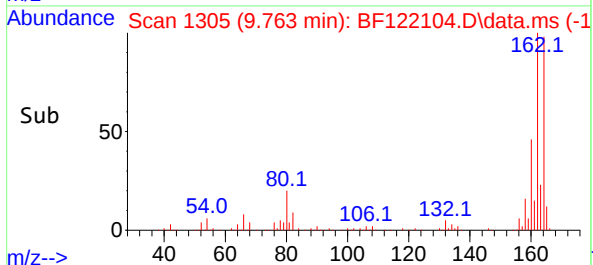
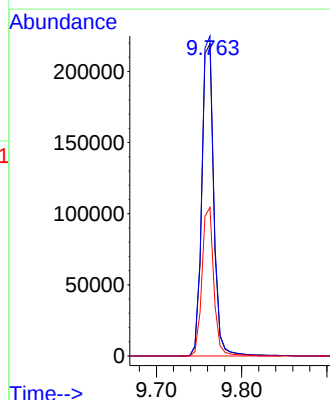
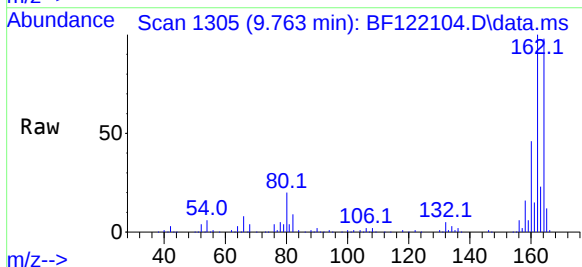
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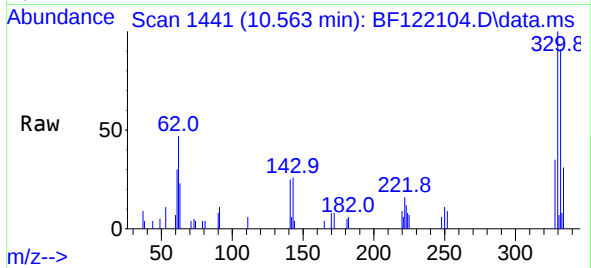
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50

Tgt Ion:	164	Resp:	213829
Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.2	124.8
160	47.6	37.5	56.3

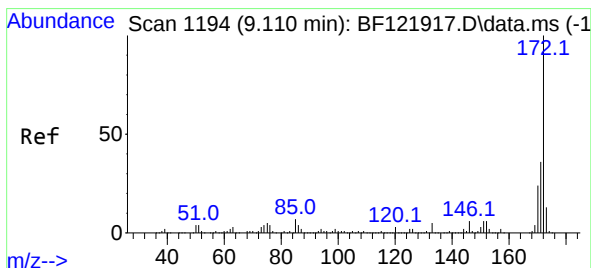
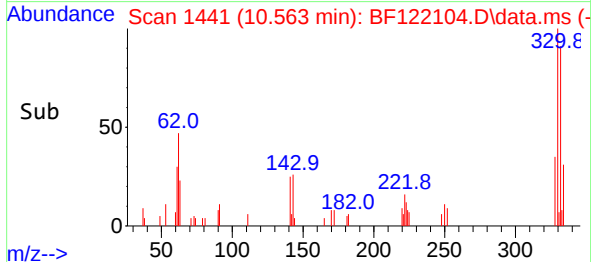
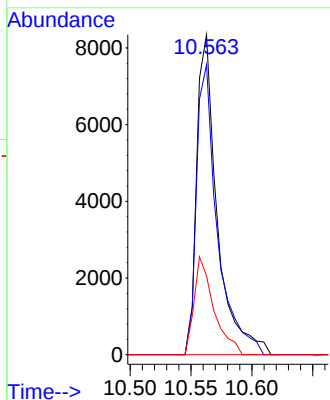




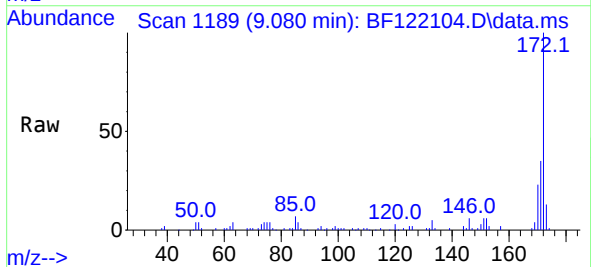
#42
2,4,6-Tribromophenol
Concen: 3.71 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50



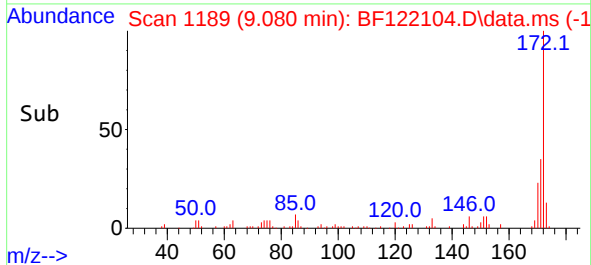
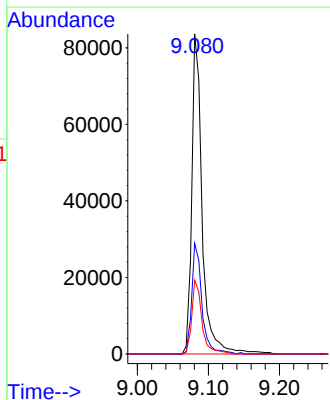
Tgt Ion: 330 Resp: 9807
Ion Ratio Lower Upper
330 100
332 91.9 77.3 115.9
141 29.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 5.86 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50



Tgt Ion: 172 Resp: 85176
Ion Ratio Lower Upper
172 100
171 34.6 29.1 43.7
170 23.1 19.8 29.6



Instrument :
BNA_F
ClientSampleId :
SA-01-102220

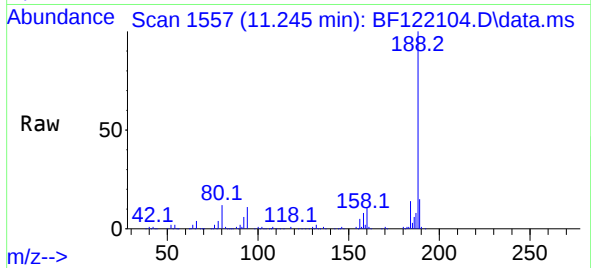
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50

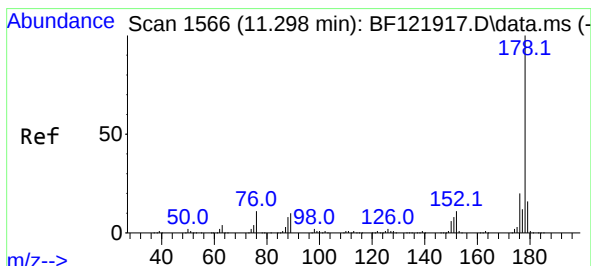
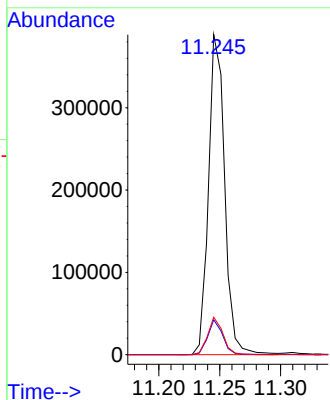
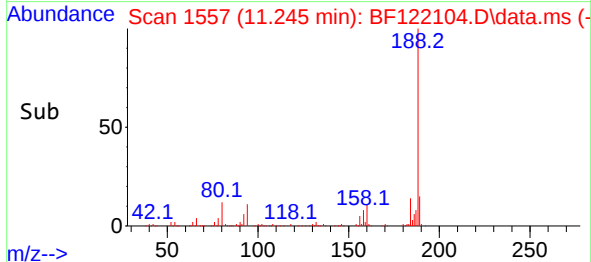
Instrument :
BNA_F
ClientSampleId :
SA-01-102220



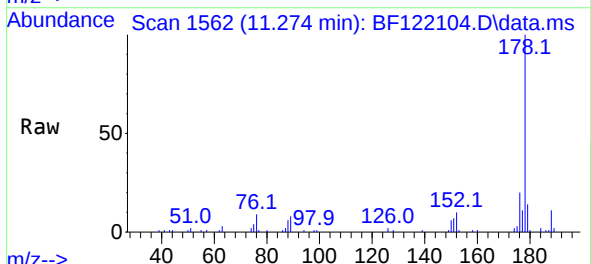
Tgt Ion:188 Resp: 357974
Ion Ratio Lower Upper
188 100
94 10.9 8.3 12.5
80 11.7 9.1 13.7

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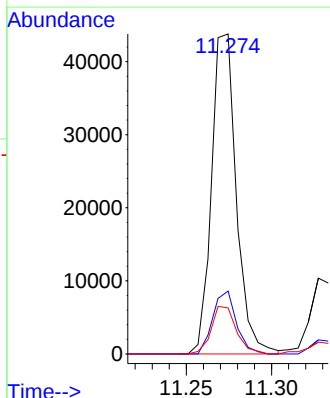
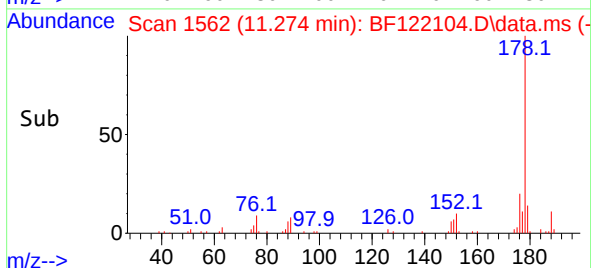
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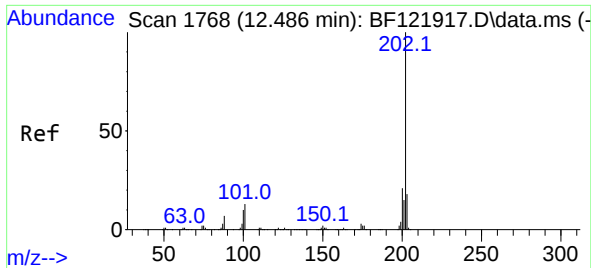


#71
Phenanthrene
Concen: 2.26 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50



Tgt Ion:178 Resp: 44362
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 14.4 12.2 18.4





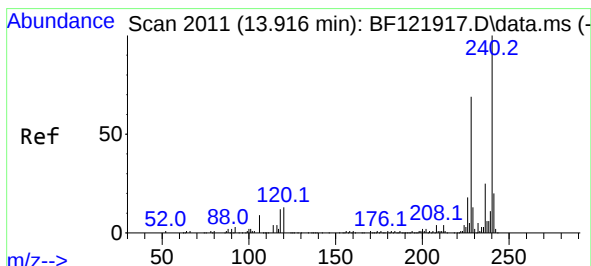
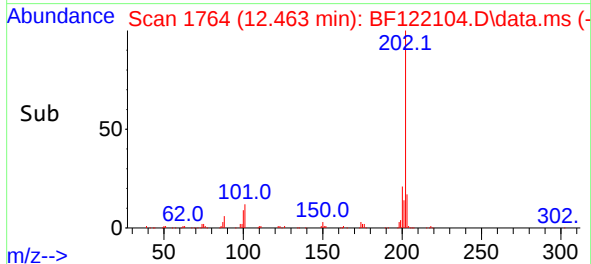
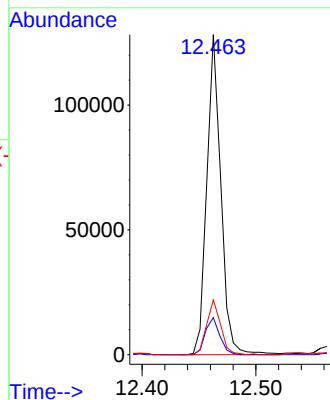
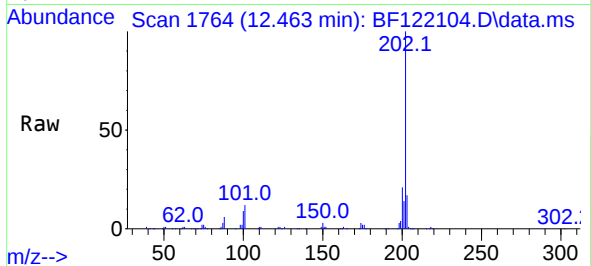
#75
Fluoranthene
Concen: 5.23 ng
RT: 12.463 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50

Tgt Ion: 202 Resp: 110084
Ion Ratio Lower Upper
202 100
101 11.6 0.0 33.4
203 17.1 0.0 37.9

Instrument :
BNA_F
ClientSampleId :
SA-01-102220

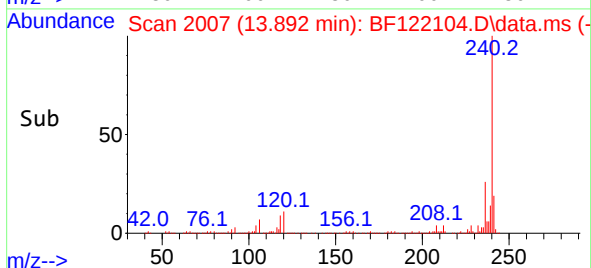
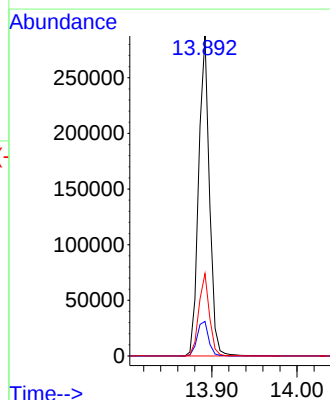
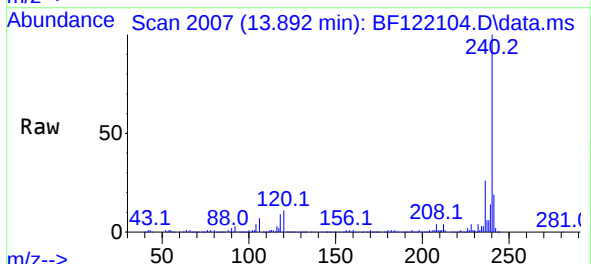
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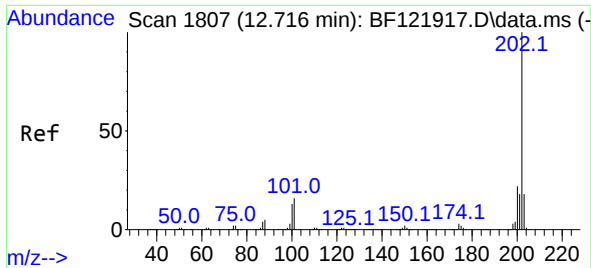
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50

Tgt Ion: 240 Resp: 253871
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.7 20.9 31.3





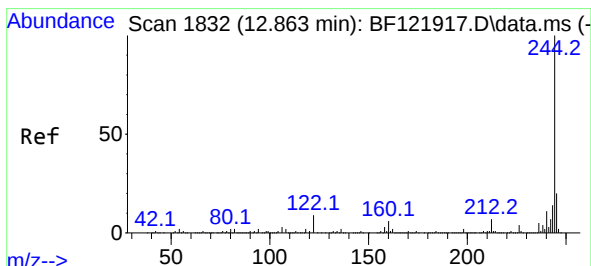
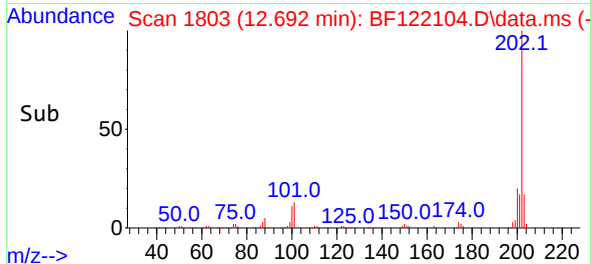
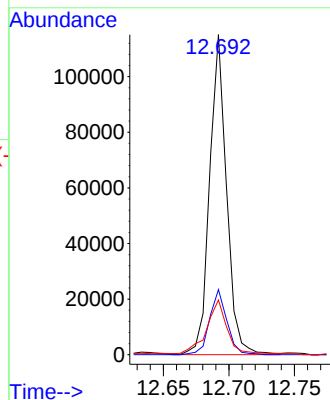
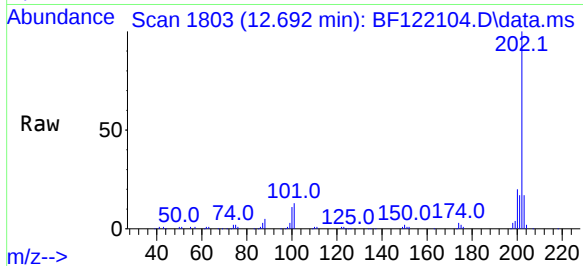
#78
Pyrene
Concen: 5.37 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50

Tgt Ion:	202	Resp:	103912
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.4	26.2
203	17.1	14.6	21.8

Instrument :
BNA_F
ClientSampleId :
SA-01-102220

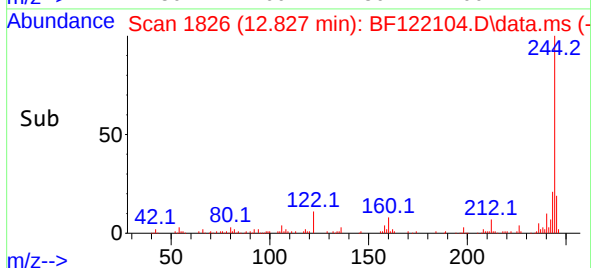
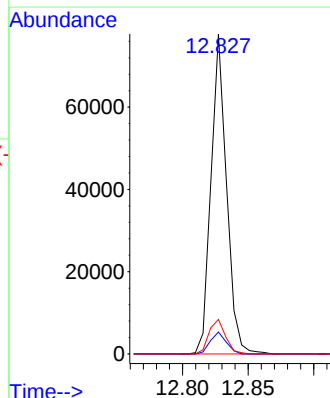
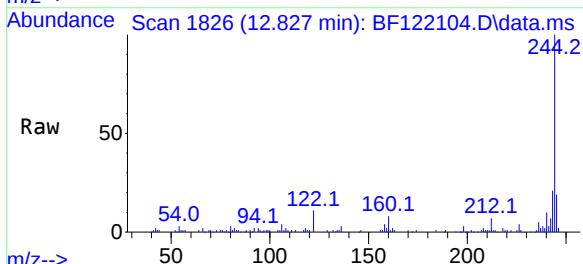
Manual Integrations
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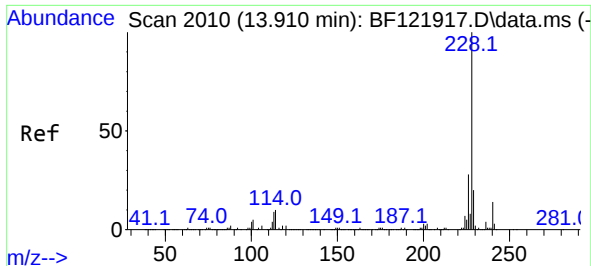
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#79
Terphenyl-d14
Concen: 4.82 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50

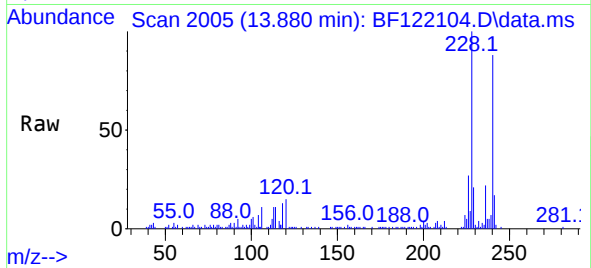
Tgt Ion:	244	Resp:	64260
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.2
122	10.8	8.1	12.1





#81
Benzo(a)anthracene
Concen: 3.30 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50

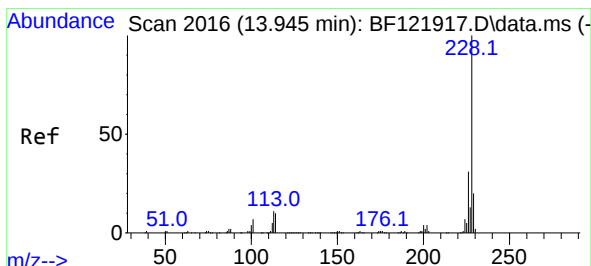
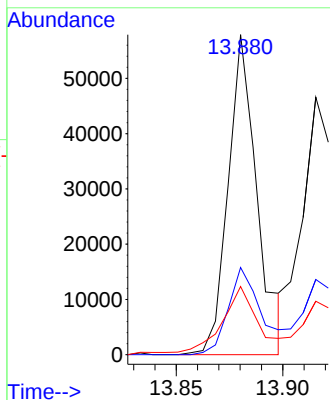
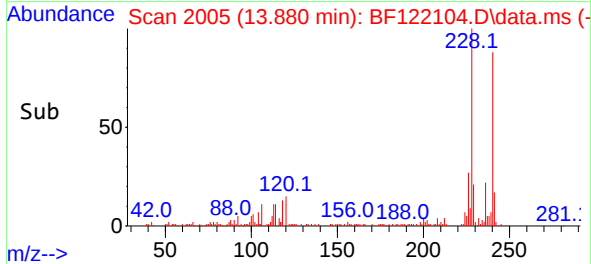
Instrument :
BNA_F
ClientSampleId :
SA-01-102220



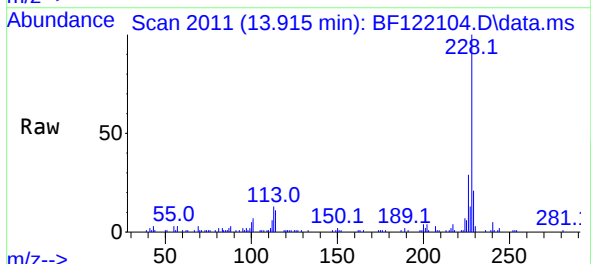
Tgt Ion:228 Resp: 54959
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 21.3 16.2 24.4

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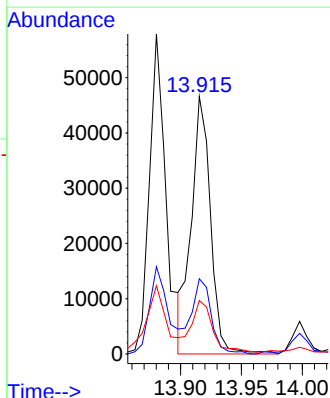
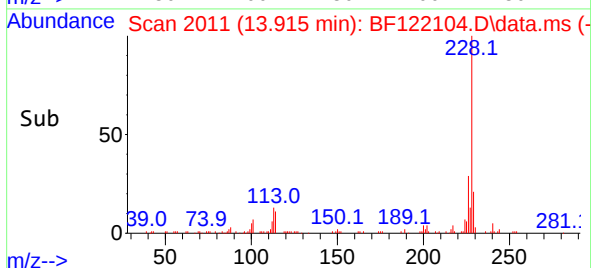
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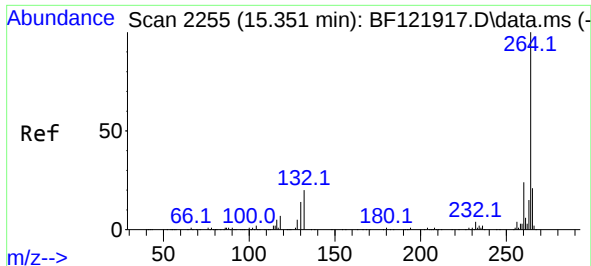


#83
Chrysene
Concen: 3.14 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50



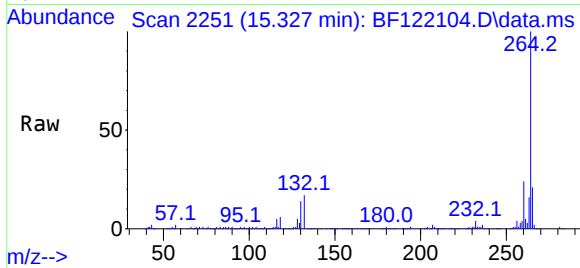
Tgt Ion:228 Resp: 51257
Ion Ratio Lower Upper
228 100
226 29.2 24.6 37.0
229 20.7 15.9 23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.012 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50

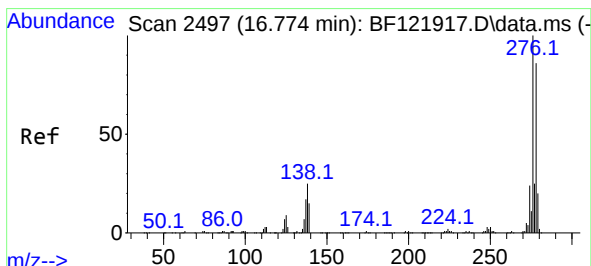
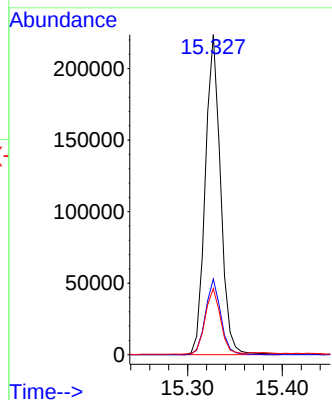
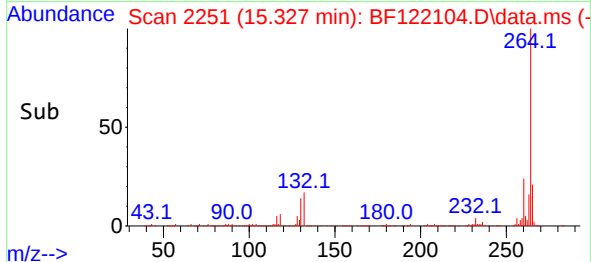
Instrument :
BNA_F
ClientSampleId :
SA-01-102220



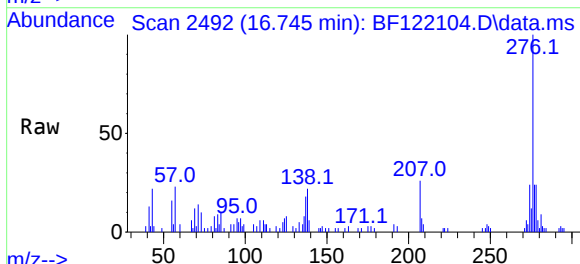
Tgt Ion:264 Resp: 250555
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 20.6 17.3 25.9

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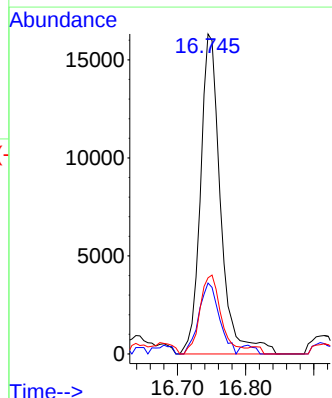
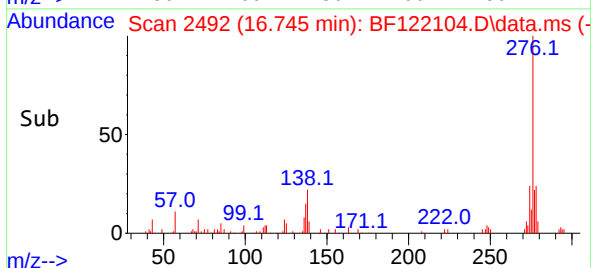
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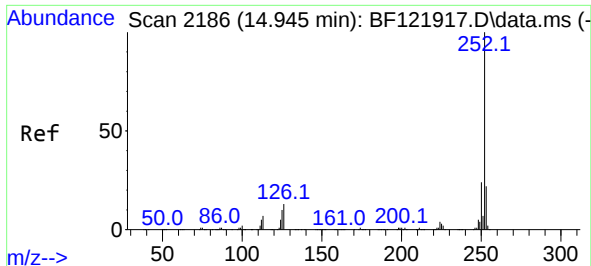


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.05 ng
RT: 16.745 min Scan# 2492
Delta R.T. 0.018 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50



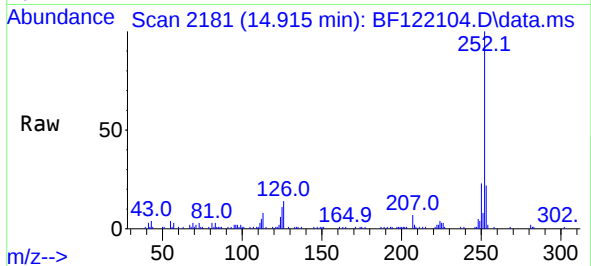
Tgt Ion:276 Resp: 33420
Ion Ratio Lower Upper
276 100
138 22.4 19.9 29.9
277 26.4 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 4.15 ng m
RT: 14.915 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50

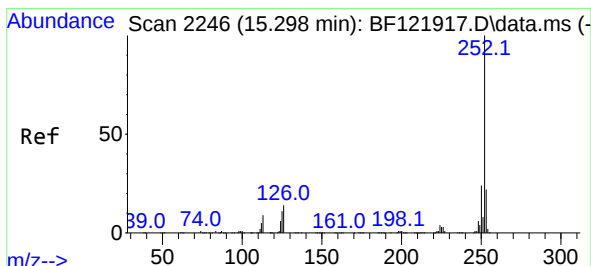
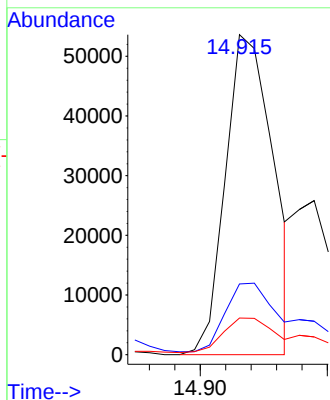
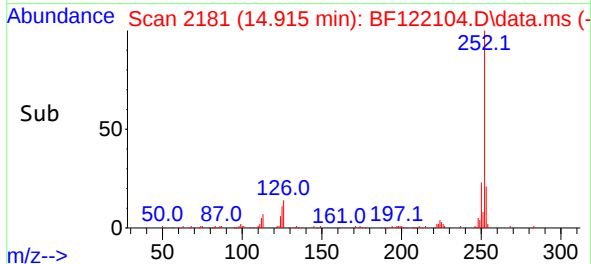
Instrument :
BNA_F
ClientSampleId :
SA-01-102220



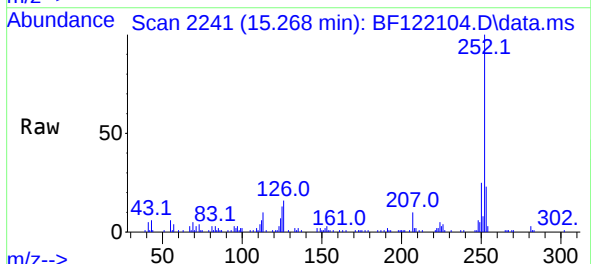
Tgt Ion:252 Resp: 70273
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 11.5 8.0 12.0

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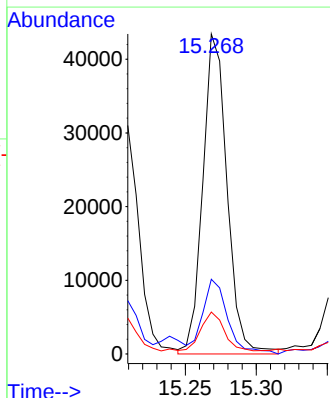
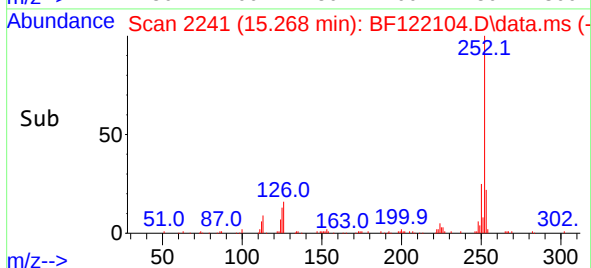
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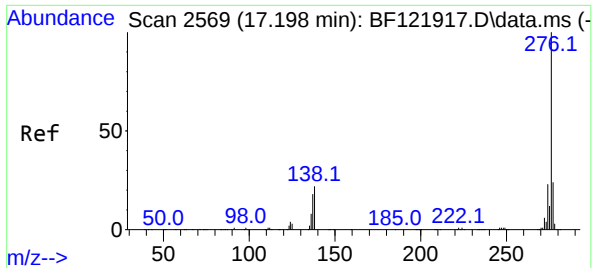


#90
Benzo(a)pyrene
Concen: 3.53 ng
RT: 15.268 min Scan# 2241
Delta R.T. 0.012 min
Lab File: BF122104.D
Acq: 23 Oct 2020 17:50



Tgt Ion:252 Resp: 51595
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 13.1 8.6 13.0#





#92
 Benzo(g,h,i)perylene
 Concen: 2.25 ng
 RT: 17.174 min Scan# 2565
 Delta R.T. 0.035 min
 Lab File: BF122104.D
 Acq: 23 Oct 2020 17:50

Tgt Ion:	276	Resp:	30215
Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.4	29.2
138	21.9	17.8	26.6

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-102220

Manual Integrations
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