

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122270.D
 Acq On : 4 Nov 2020 18:43
 Operator : JU/CG
 Sample : L4621-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B8-110320-10-20

Manual Integrations
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Quant Time: Nov 05 00:22:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	90560	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	355433	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	172376	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	270279	20.00	ng	0.00
76) Chrysene-d12	13.886	240	218574	20.00	ng	0.00
86) Perylene-d12	15.327	264	214240	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	614850	100.21	ng	0.00
7) Phenol-d6	6.369	99	773004	97.87	ng	0.00
23) Nitrobenzene-d5	7.281	82	499222	72.03	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	159055	74.59	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	792488	67.64	ng	0.00
79) Terphenyl-d14	12.815	244	590997	51.53	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.386	94	29350	3.60	ng	# 56
50) Dimethylphthalate	9.469	163	109783	8.71	ng	99
71) Phenanthrene	11.257	178	121315	8.19	ng	98
75) Fluoranthene	12.457	202	134348	8.45	ng	97
78) Pyrene	12.692	202	121554	7.30	ng	99
81) Benzo(a)anthracene	13.874	228	50241	3.51	ng	97
83) Chrysene	13.910	228	46443	3.30	ng	99
84) Bis(2-ethylhexyl)phtha...	13.839	149	27609	3.08	ng	100
88) Benzo(b)fluoranthene	14.921	252	47607m	3.29	ng	
90) Benzo(a)pyrene	15.274	252	36181	2.89	ng	96

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

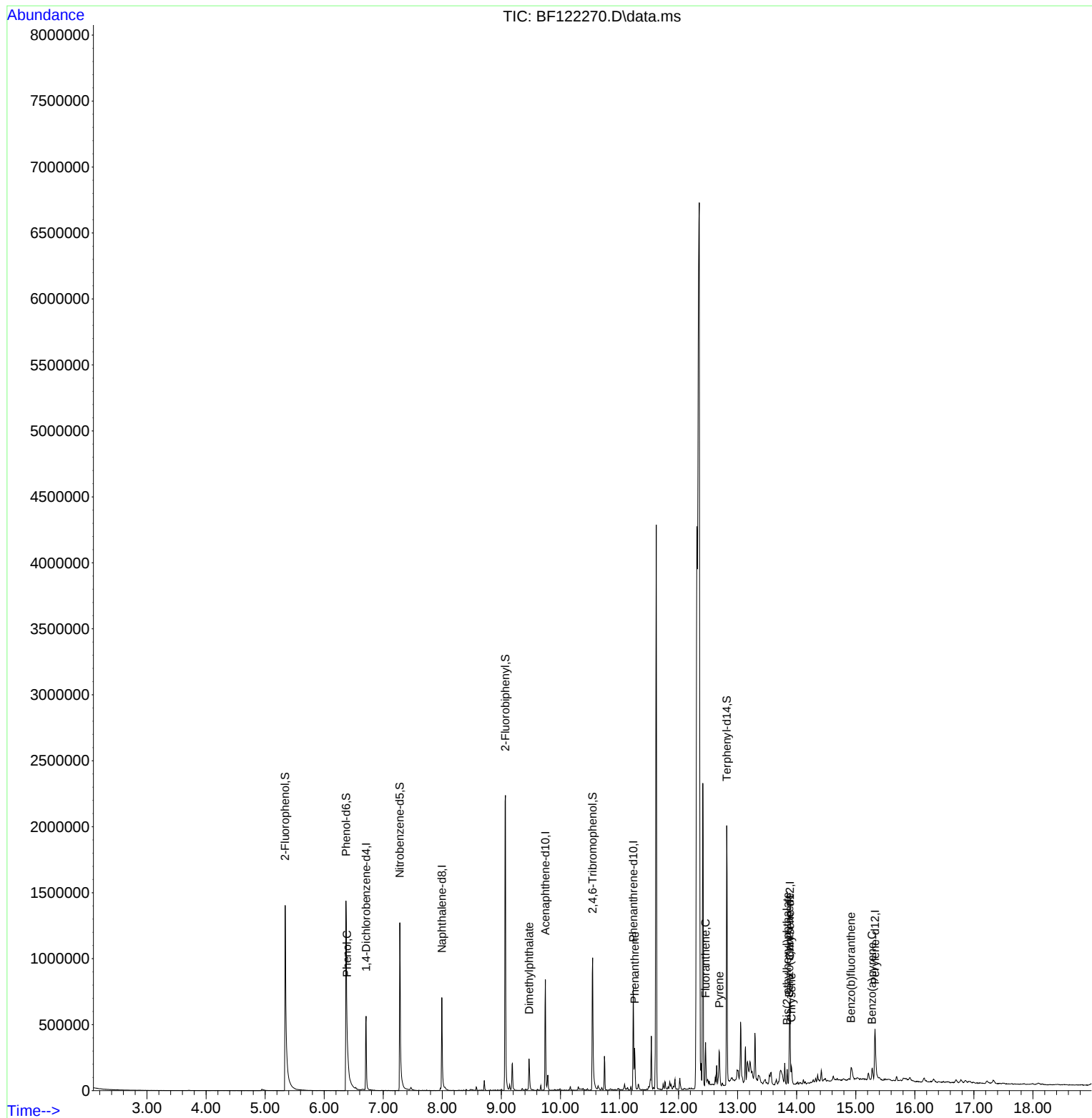
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
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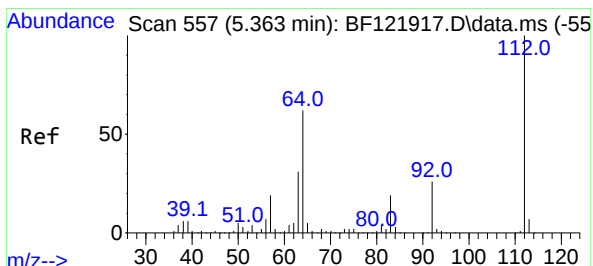
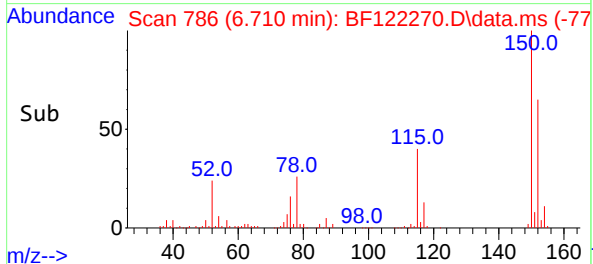
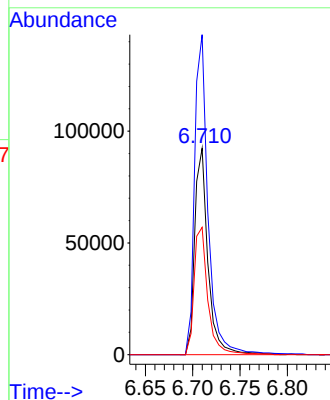
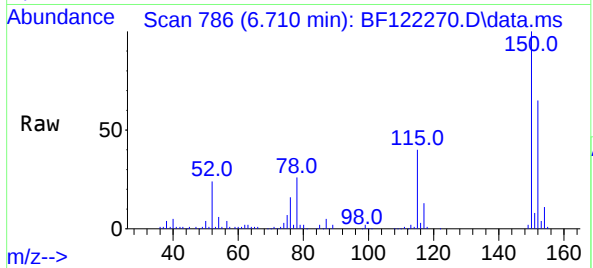
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43

Tgt Ion:152 Resp: 90560
Ion Ratio Lower Upper
152 100
150 155.0 125.3 187.9
115 61.7 51.9 77.9

Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-10-20

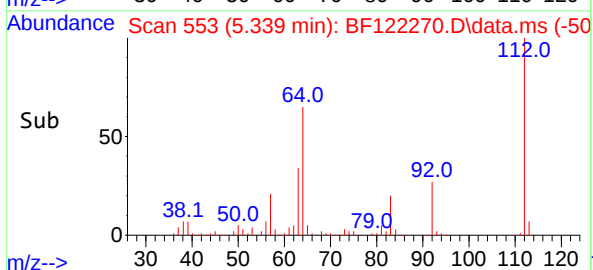
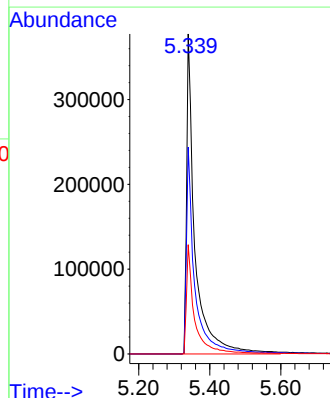
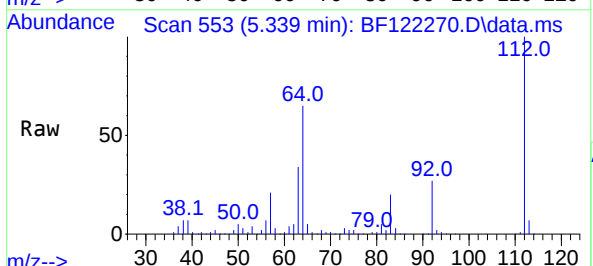
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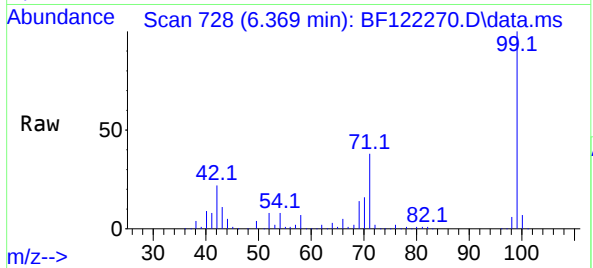
#5
2-Fluorophenol
Concen: 100.21 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43

Tgt Ion:112 Resp: 614850
Ion Ratio Lower Upper
112 100
64 64.6 50.4 75.6
63 34.2 25.8 38.6



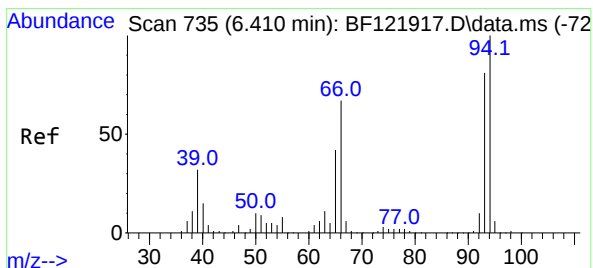
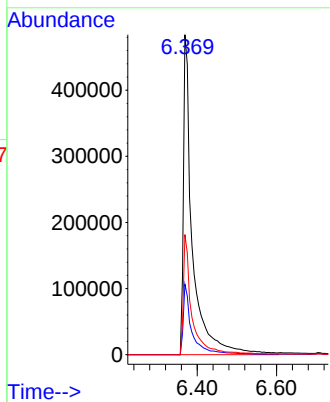
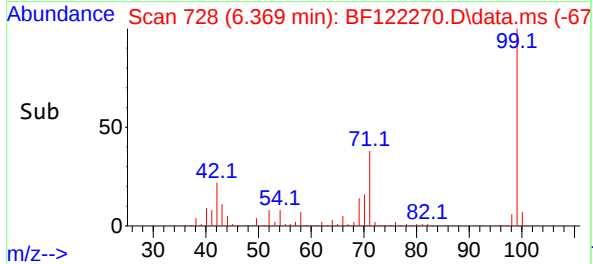


#7
Phenol-d6
Concen: 97.87 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43

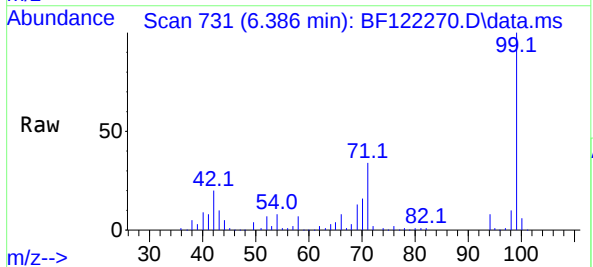


Tgt Ion: 99 Resp: 773004

Ion	Ratio	Lower	Upper
99	100		
42	22.0	15.9	23.9
71	37.6	27.1	40.7

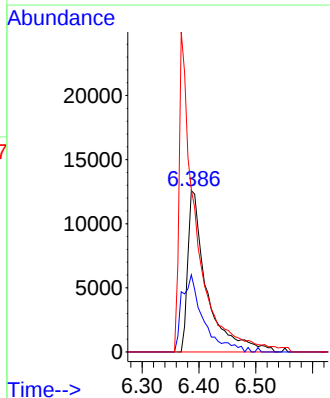
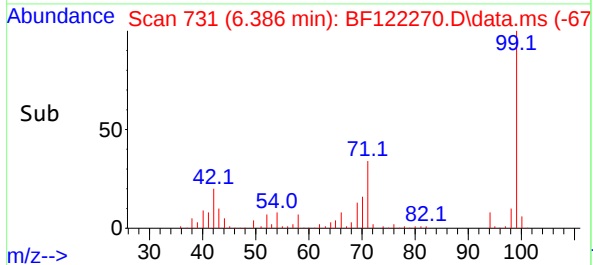


#10
Phenol
Concen: 3.60 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.005 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43



Tgt Ion: 94 Resp: 29350

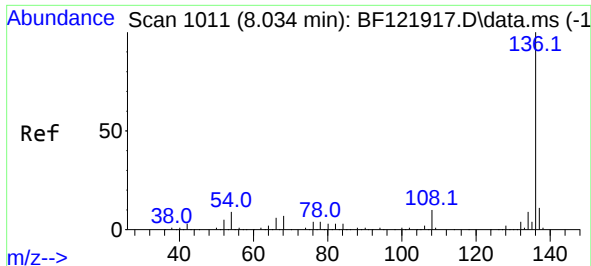
Ion	Ratio	Lower	Upper
94	100		
65	47.8	17.1	57.1
66	100.5	36.0	76.0



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BNA_F
ClientSampleId :
PAV-B8-110320-10-20

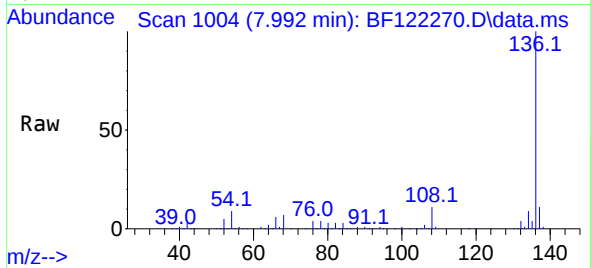
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43

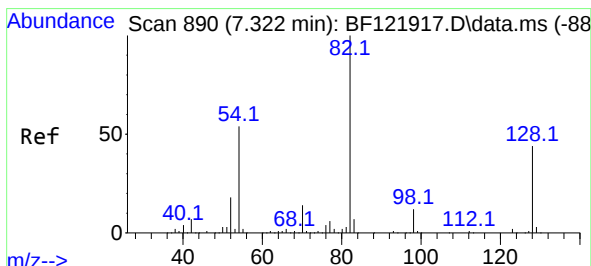
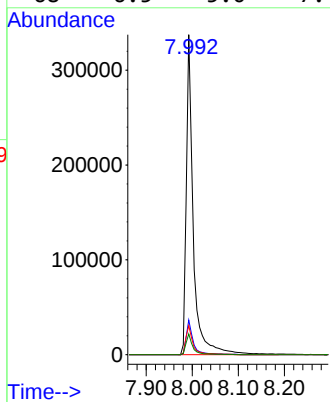
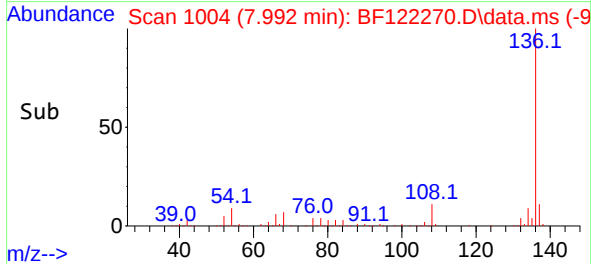
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ClientSampleId :
PAV-B8-110320-10-20



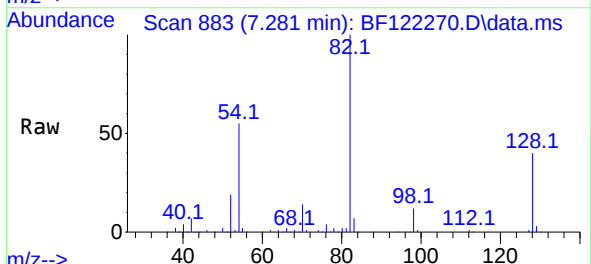
Tgt Ion:136 Resp: 355433
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 7.1 10.7
68 6.5 5.0 7.4

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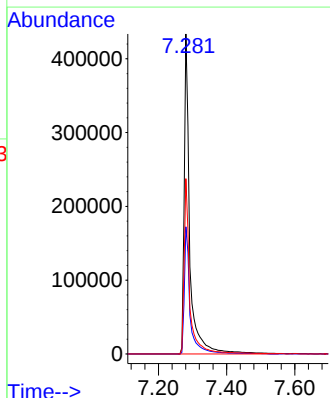
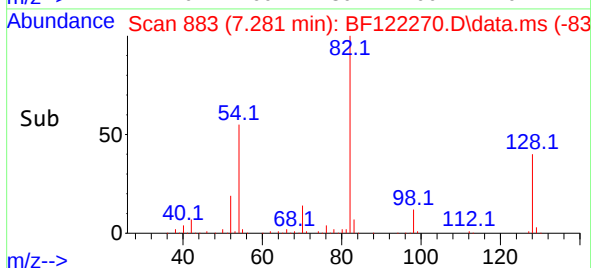
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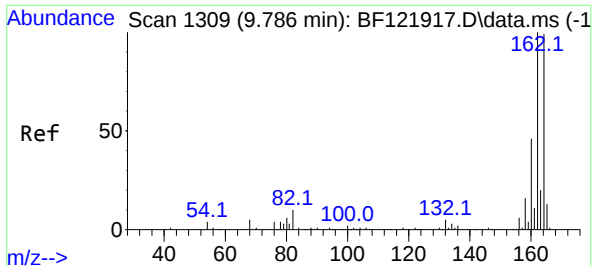


#23
Nitrobenzene-d5
Concen: 72.03 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43



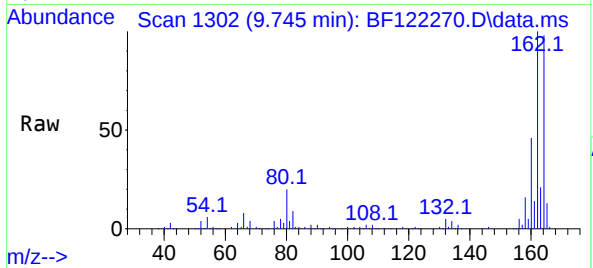
Tgt Ion: 82 Resp: 499222
Ion Ratio Lower Upper
82 100
128 39.8 35.0 52.4
54 54.8 43.9 65.9





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43

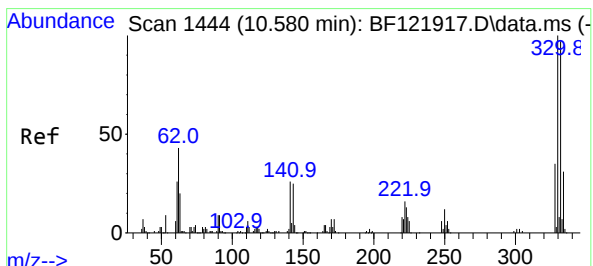
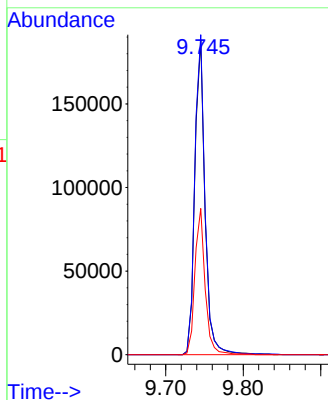
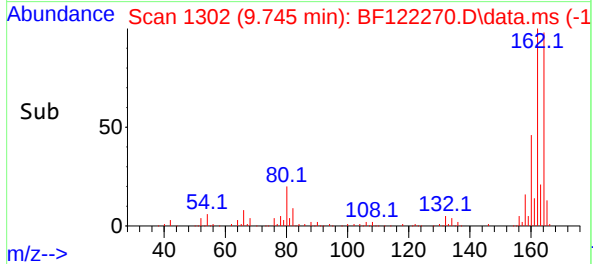
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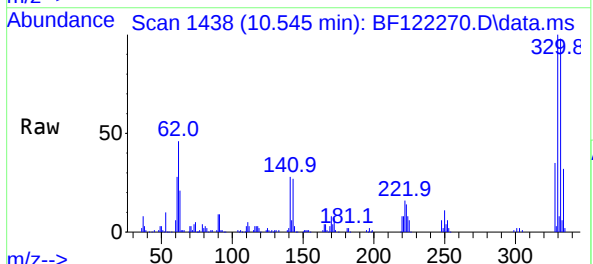
Tgt Ion:164 Resp: 172376
Ion Ratio Lower Upper
164 100
162 101.6 83.2 124.8
160 46.4 37.5 56.3

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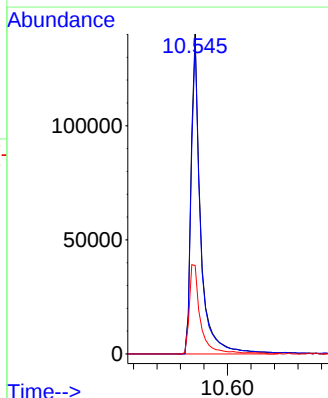
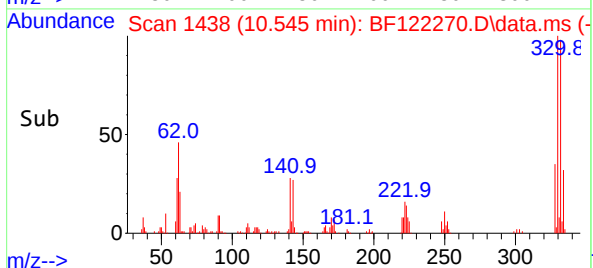
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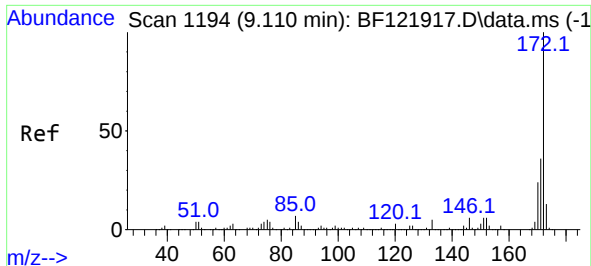


#42
2,4,6-Tribromophenol
Concen: 74.59 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43



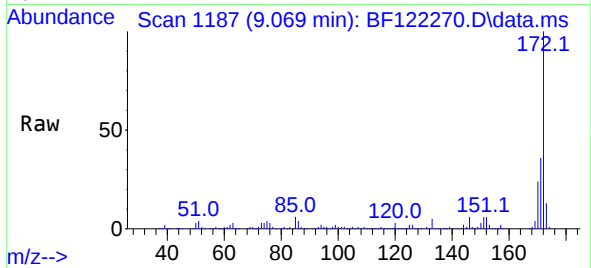
Tgt Ion:330 Resp: 159055
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 32.5 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 67.64 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43

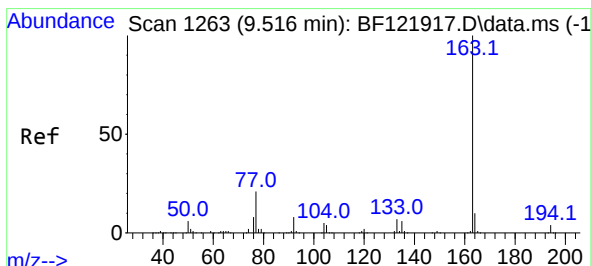
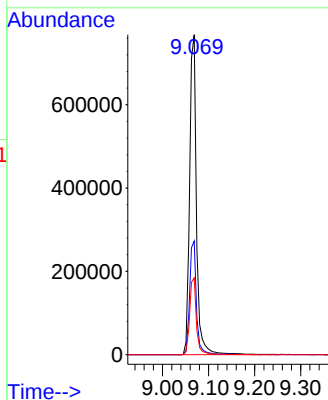
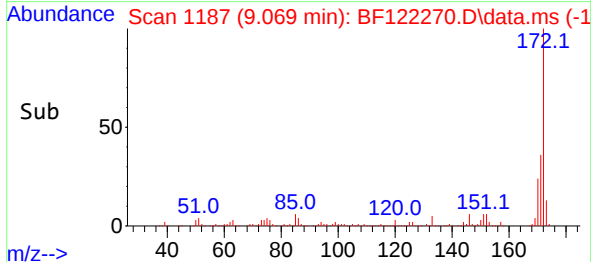
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ClientSampleId :
PAV-B8-110320-10-20



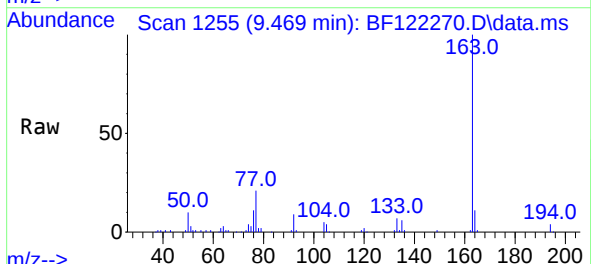
Tgt Ion:172 Resp: 792488
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 24.0 19.8 29.6

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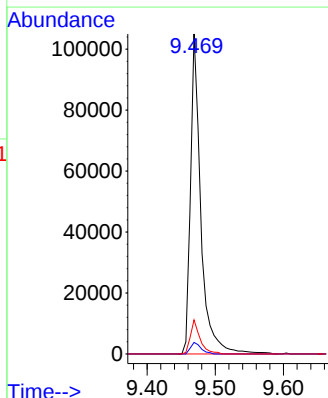
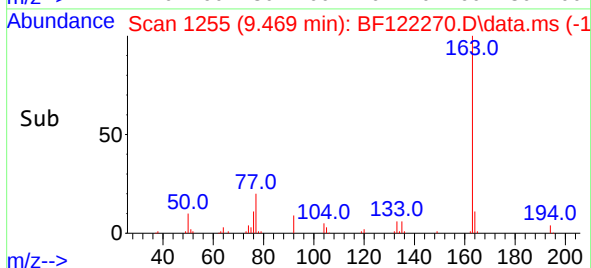
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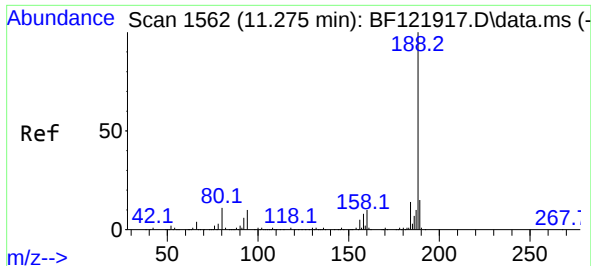


#50
Dimethylphthalate
Concen: 8.71 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43



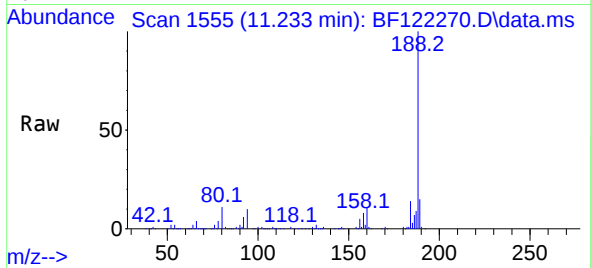
Tgt Ion:163 Resp: 109783
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.7 8.2 12.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43

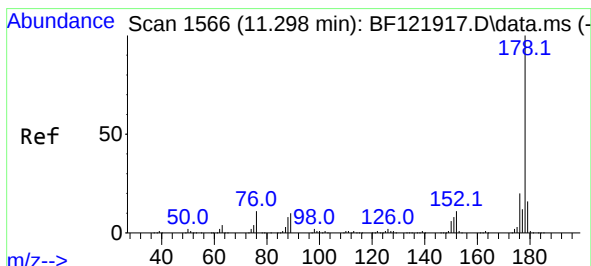
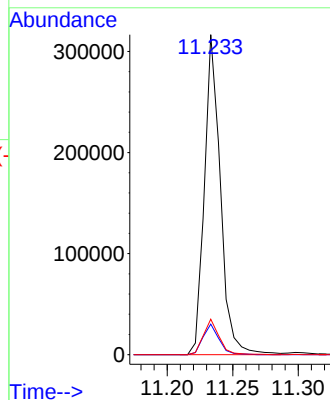
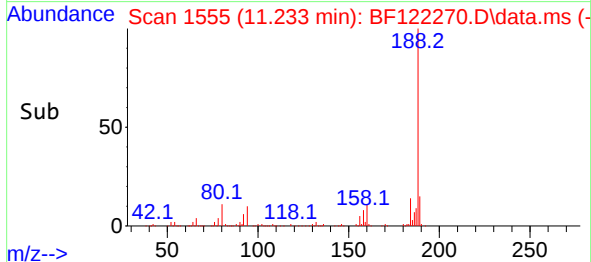
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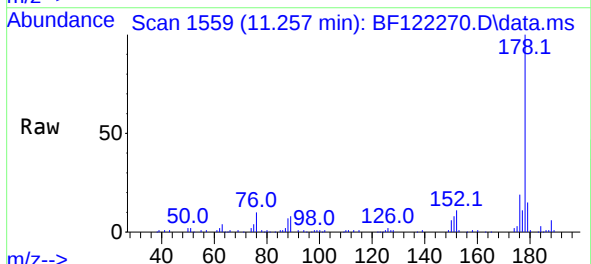
Tgt Ion:188 Resp: 270279
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 11.1 9.1 13.7

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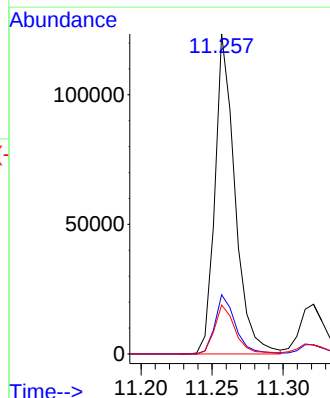
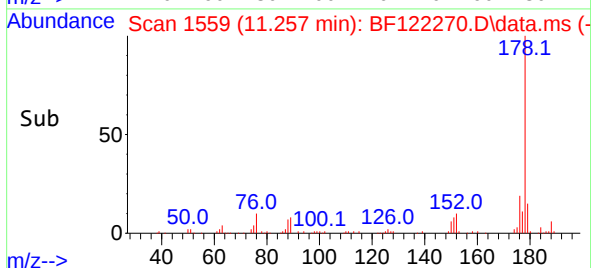
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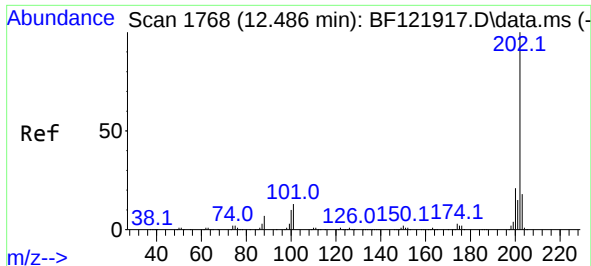


#71
Phenanthrene
Concen: 8.19 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43



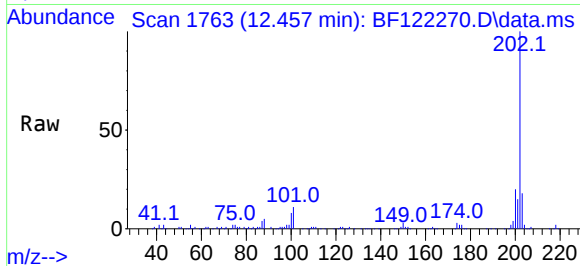
Tgt Ion:178 Resp: 121315
Ion Ratio Lower Upper
178 100
176 18.5 15.9 23.9
179 15.3 12.2 18.4





#75
Fluoranthene
Concen: 8.45 ng
RT: 12.457 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43

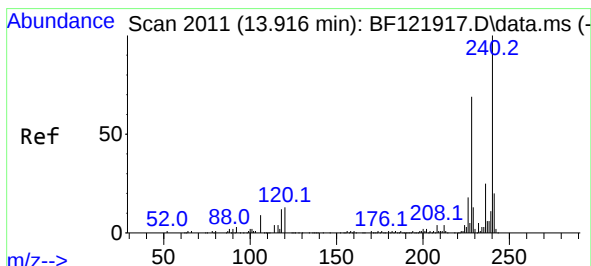
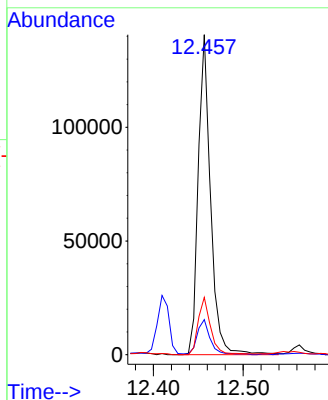
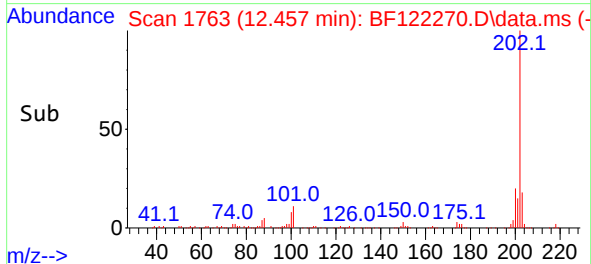
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PAV-B8-110320-10-20



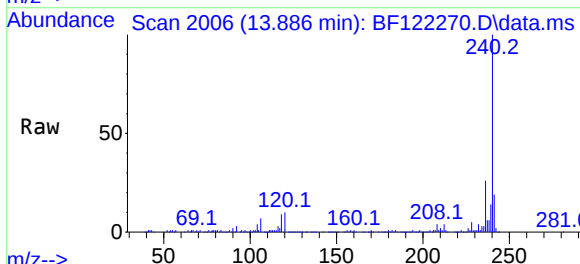
Tgt Ion:202 Resp: 134348
Ion Ratio Lower Upper
202 100
101 11.0 0.0 33.4
203 17.9 0.0 37.9

Manual Integrations
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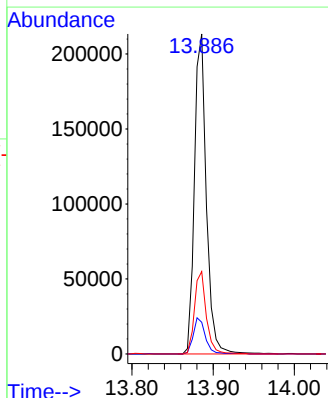
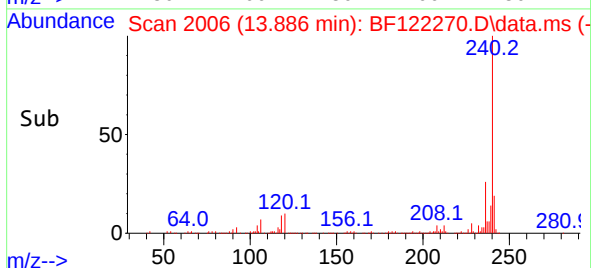
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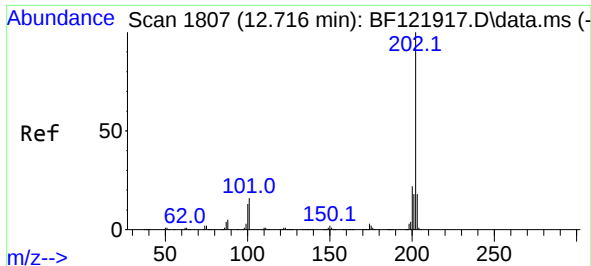


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43



Tgt Ion:240 Resp: 218574
Ion Ratio Lower Upper
240 100
120 9.9 9.2 13.8
236 25.7 20.9 31.3





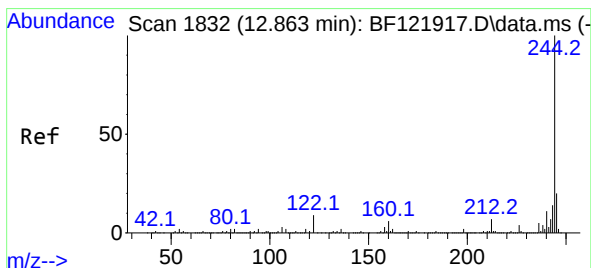
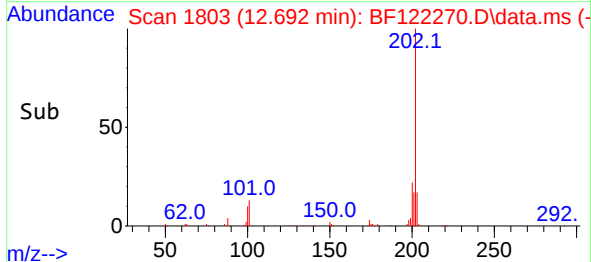
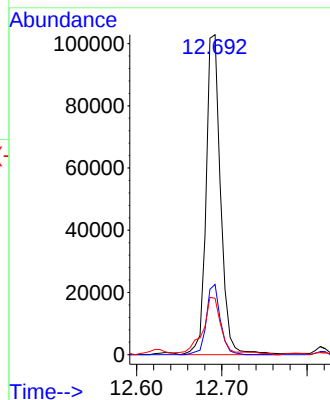
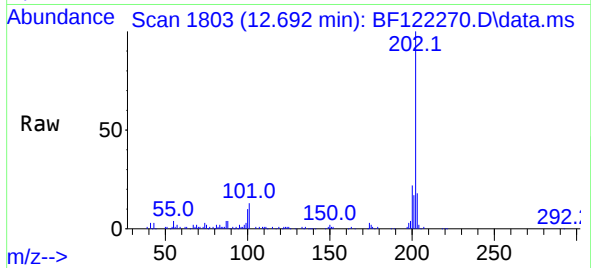
#78
Pyrene
Concen: 7.30 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.012 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43

Tgt Ion:	202	Resp:	121554
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.6	14.6	21.8

Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-10-20

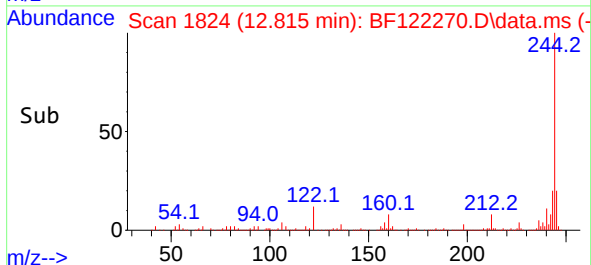
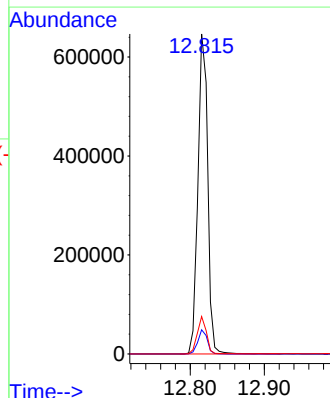
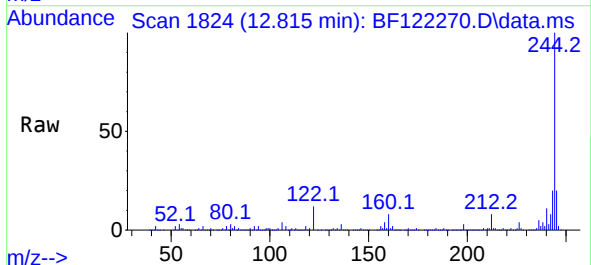
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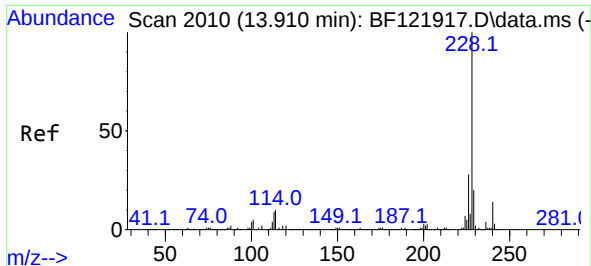
mohammad
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#79
Terphenyl-d14
Concen: 51.53 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43

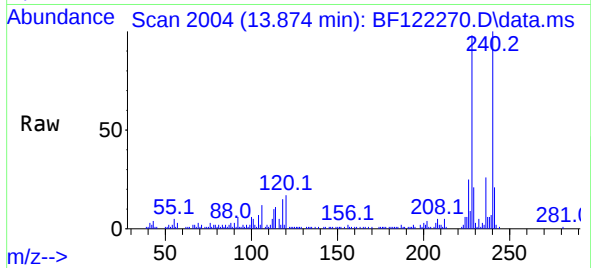
Tgt Ion:	244	Resp:	590997
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.2
122	11.7	8.1	12.1





#81
Benzo(a)anthracene
Concen: 3.51 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43

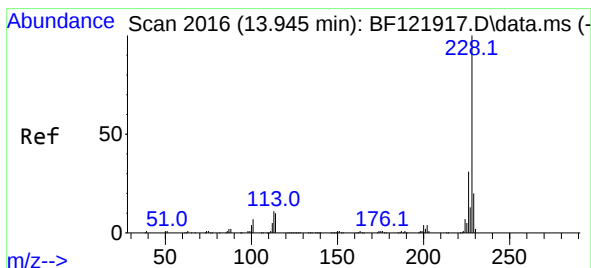
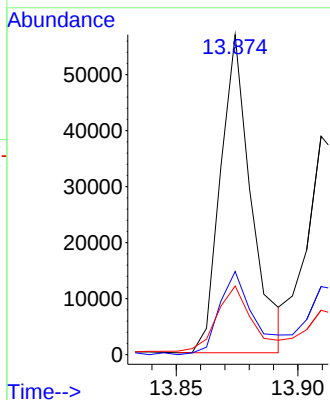
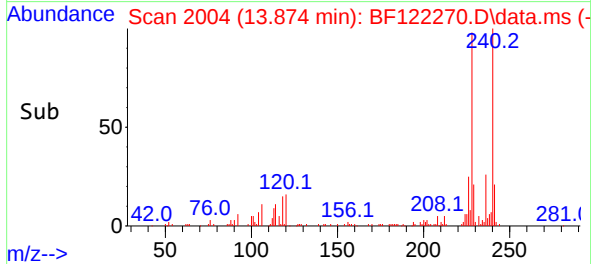
Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-10-20



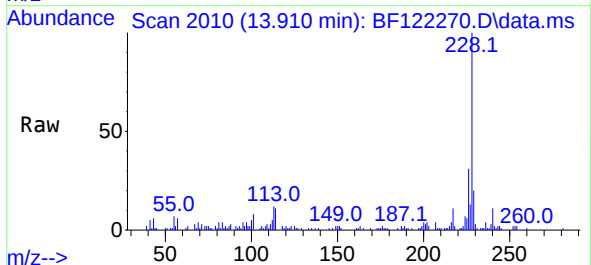
Tgt Ion:228 Resp: 50241
Ion Ratio Lower Upper
228 100
226 26.0 22.3 33.5
229 21.4 16.2 24.4

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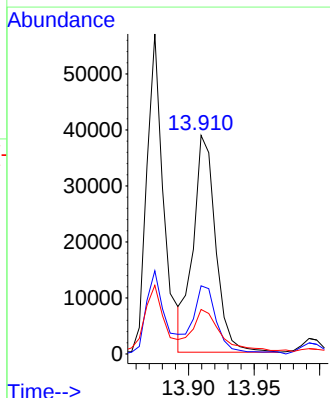
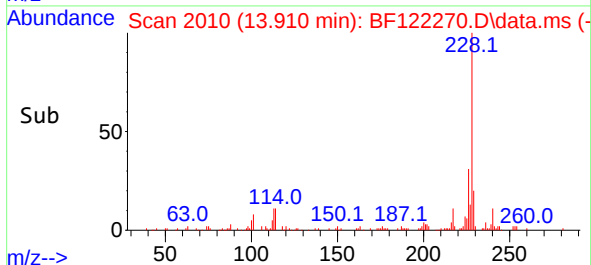
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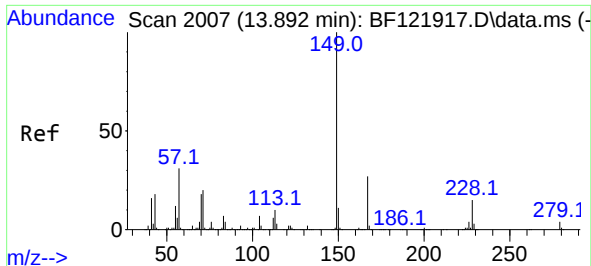


#83
Chrysene
Concen: 3.30 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43



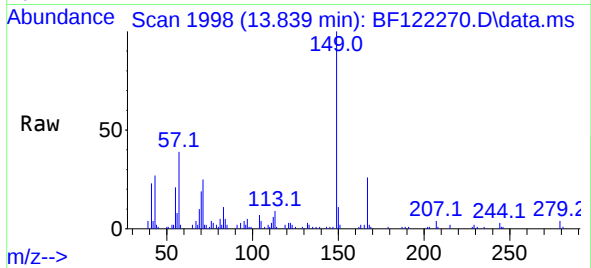
Tgt Ion:228 Resp: 46443
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 20.4 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.08 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43

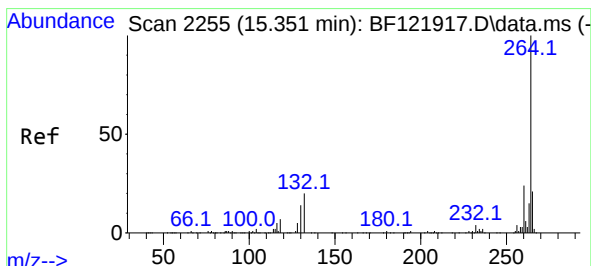
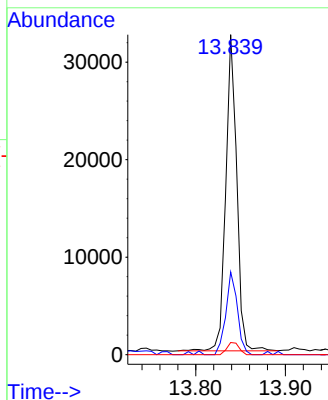
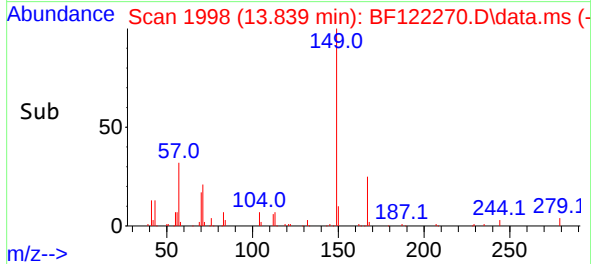
Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-10-20



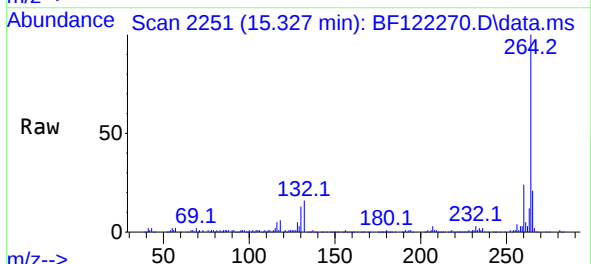
Tgt Ion:149 Resp: 27609
Ion Ratio Lower Upper
149 100
167 25.9 20.9 31.3
279 3.8 3.2 4.8

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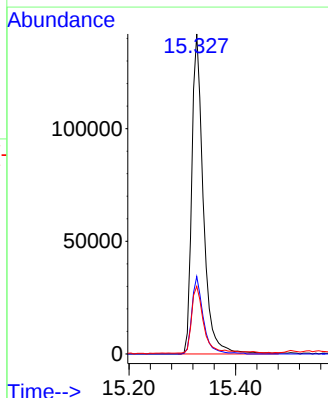
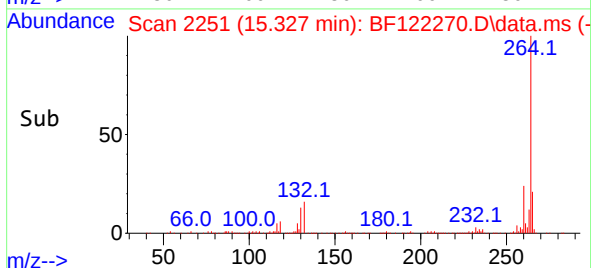
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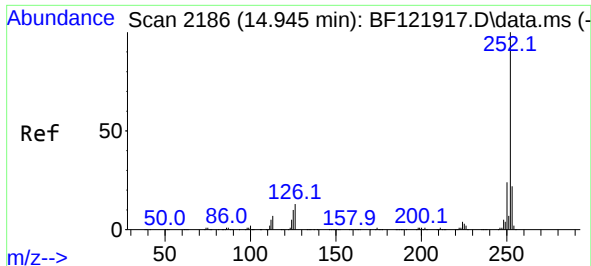


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.023 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43

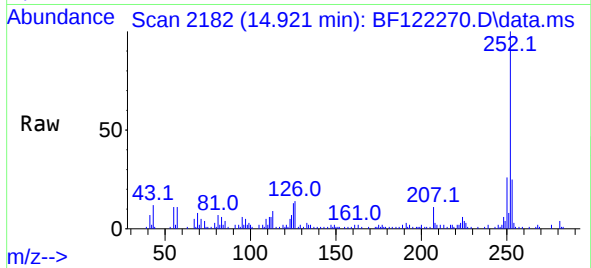


Tgt Ion:264 Resp: 214240
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.2 17.3 25.9

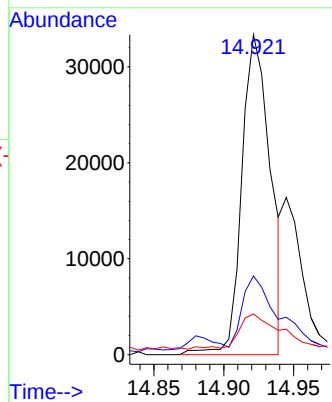
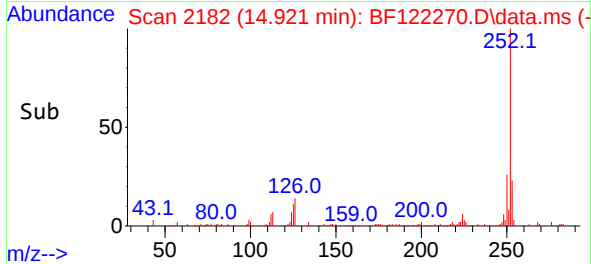




#88
Benzo(b)fluoranthene
Concen: 3.29 ng m
RT: 14.921 min Scan# 2182
Delta R.T. 0.023 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43



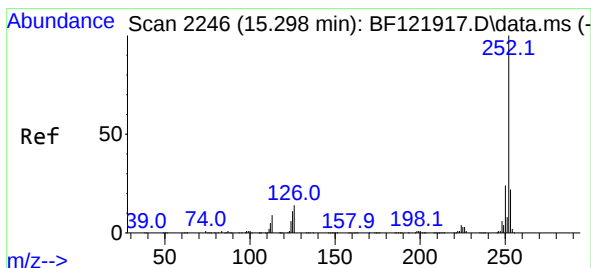
Tgt Ion:252 Resp: 47607
Ion Ratio Lower Upper
252 100
253 24.6 18.2 27.2
125 12.8 8.0 12.0#



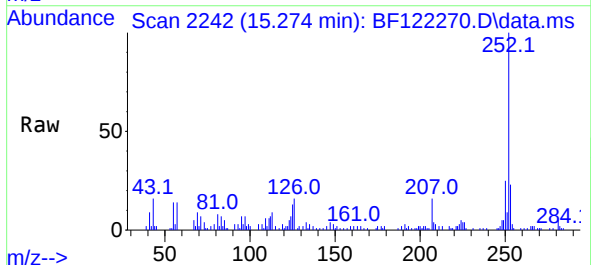
Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-10-20

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#90
Benzo(a)pyrene
Concen: 2.89 ng
RT: 15.274 min Scan# 2242
Delta R.T. 0.023 min
Lab File: BF122270.D
Acq: 4 Nov 2020 18:43



Tgt Ion:252 Resp: 36181
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 12.5 8.6 13.0

