

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112860.D
 Acq On : 5 Mar 2019 18:53
 Operator : JU/SJ
 Sample : K1715-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-A

Manual Integrations
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 3/6/2019 12:24:27 PM

Quant Time: Mar 06 03:49:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	156046	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	608204	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	301585	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	633193	20.00	ng	0.00
76) Chrysene-d12	13.87	240	449896	20.00	ng	0.00
87) Perylene-d12	15.28	264	434786	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1060831	105.75	ng	0.00
7) Phenol-d6	6.37	99	1413913	112.20	ng	0.00
23) Nitrobenzene-d5	7.30	82	868243	85.42	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	468274	146.26	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1498965	81.44	ng	0.00
79) Terphenyl-d14	12.83	244	1615594	69.61	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	157354	7.076	ng	99
71) Phenanthrene	11.27	178	74978	2.380	ng	95
75) Fluoranthene	12.46	202	158668	4.701	ng	96
78) Pyrene	12.68	202	137710	3.631	ng	97
81) Benzo(a)anthracene	13.86	228	69624	2.233	ng	93
83) Chrysene	13.90	228	87867m	2.877	ng	
86) Indeno(1,2,3-cd)pyrene	16.64	276	52104	2.001	ng	# 91
88) Benzo(b)fluoranthene	14.88	252	128746m	4.578	ng	
90) Benzo(a)pyrene	15.22	252	64305	2.585	ng	96
92) Benzo(g,h,i)perylene	17.04	276	44825	2.103	ng	# 95

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

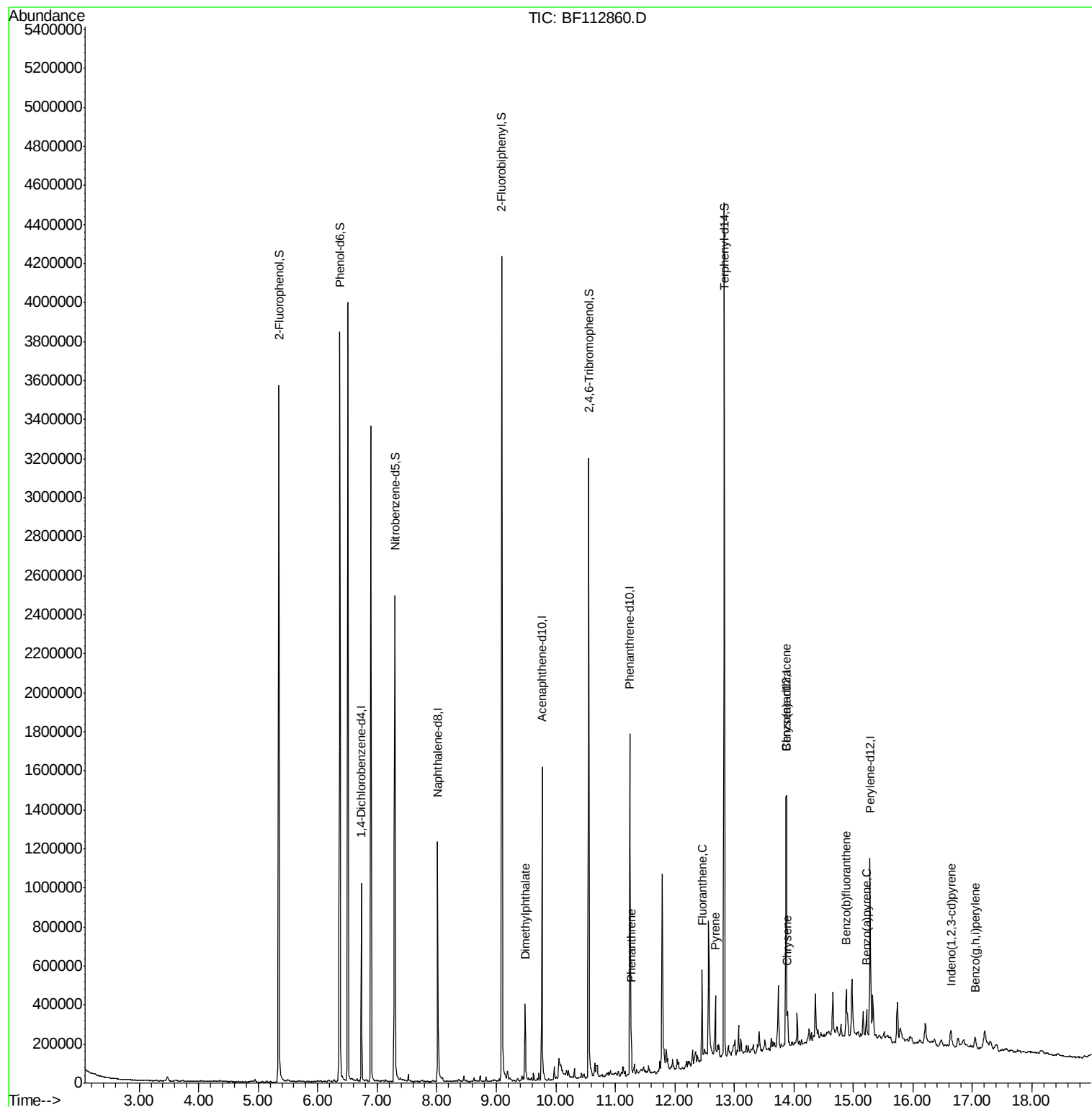
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
Data File : BF112860.D
Acq On : 5 Mar 2019 18:53
Operator : JU/SJ
Sample : K1715-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

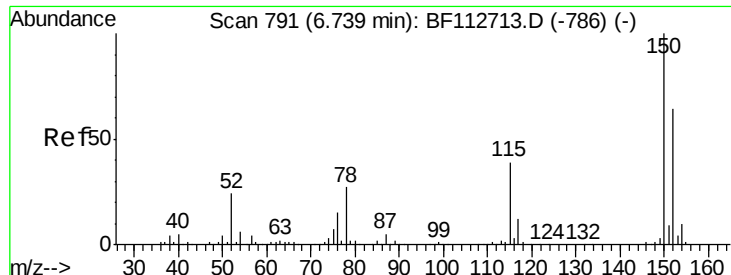
Instrument :
BNA_F
ClientSampleId :
TP-5-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

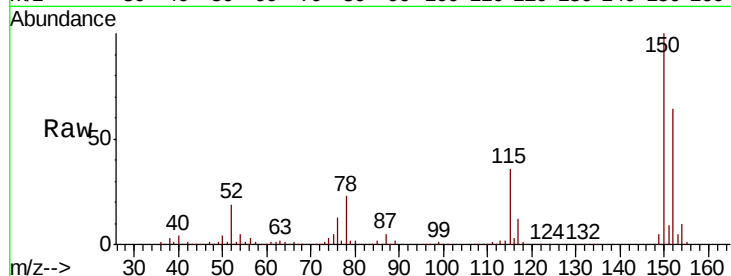
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Instrument :
BNA_F
ClientSampled :
TP-5-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.2	186.2
115	56.0	48.2	72.4

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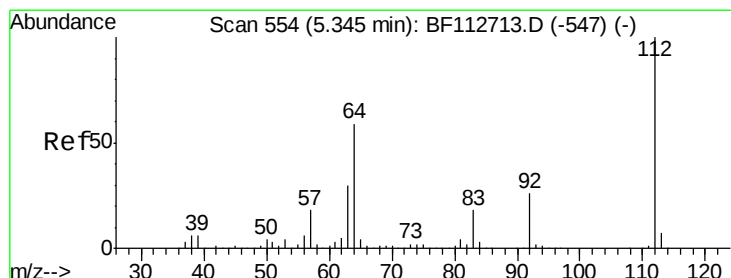
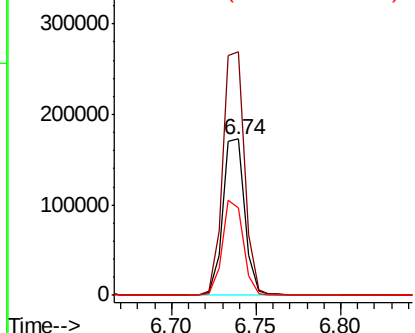
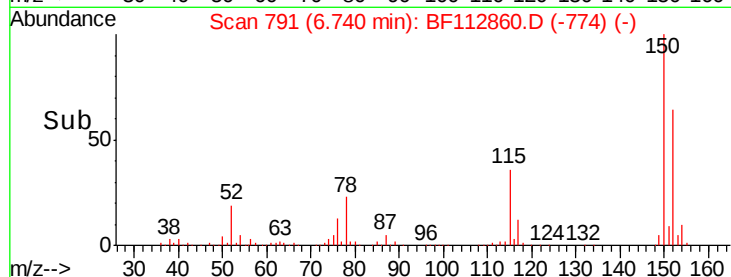


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

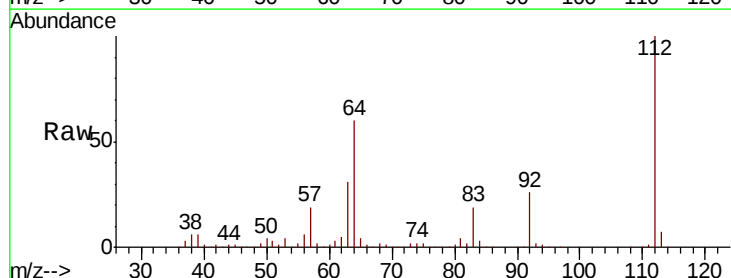
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.749 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.6	71.4
63	31.2	24.4	36.6

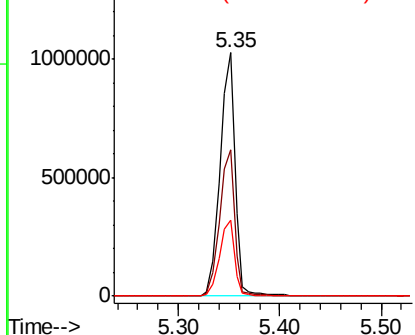
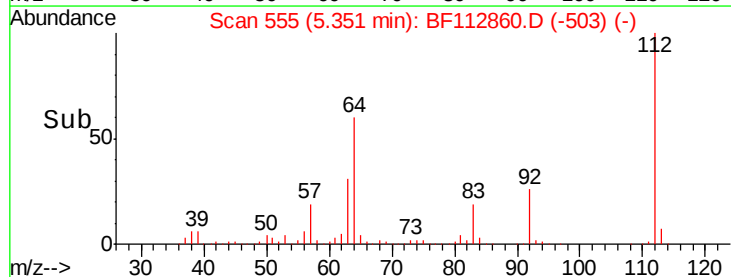


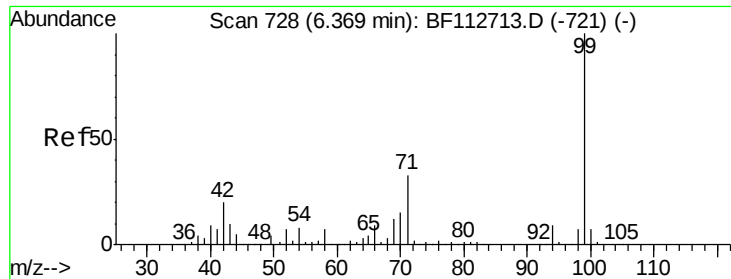
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 112.203 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112860.D

Acq: 5 Mar 2019 18:53

Instrument :

BNA_F

ClientSampled :

TP-5-A

Tot Ion: 99 Resp: 1413913

Ion Ratio Lower Upper

99 100

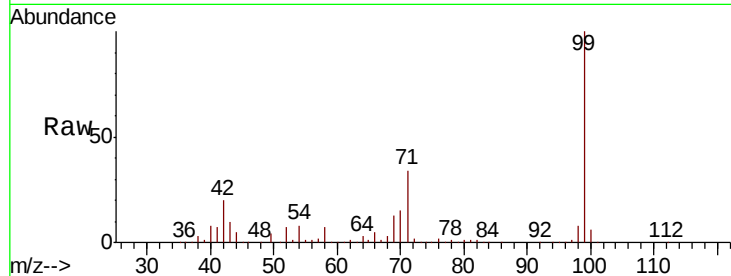
42 19.8 16.3 24.5

71 34.2 26.2 39.4

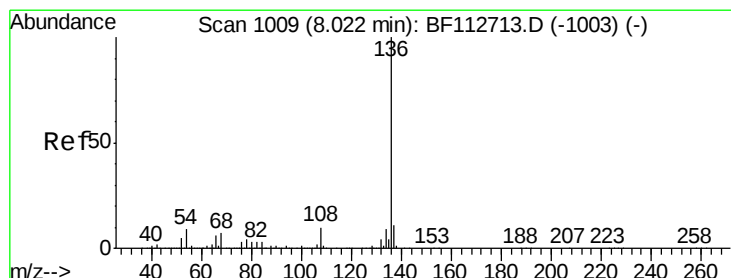
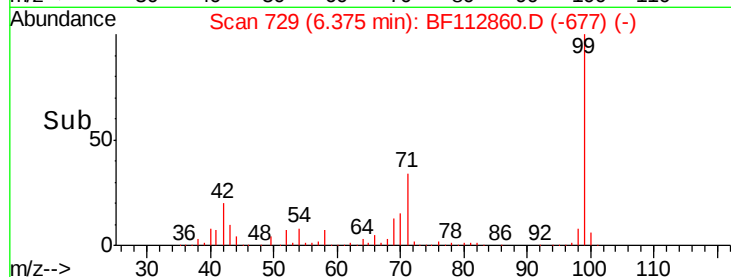
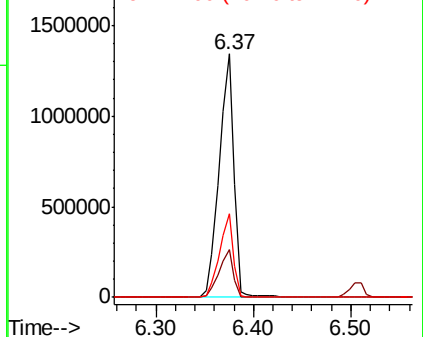
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF112860.D

Acq: 5 Mar 2019 18:53

Tgt Ion: 136 Resp: 608204

Ion Ratio Lower Upper

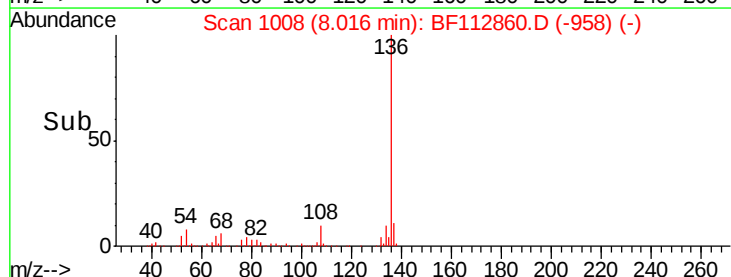
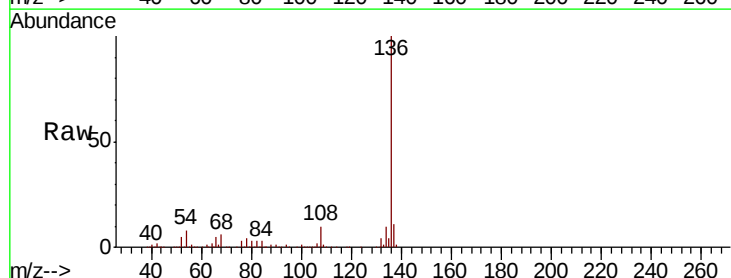
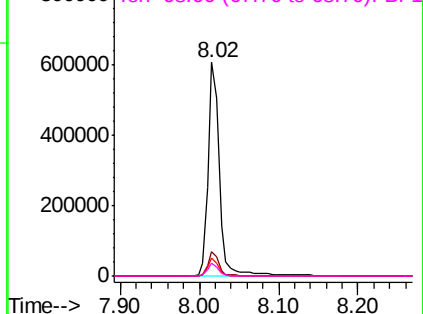
136 100

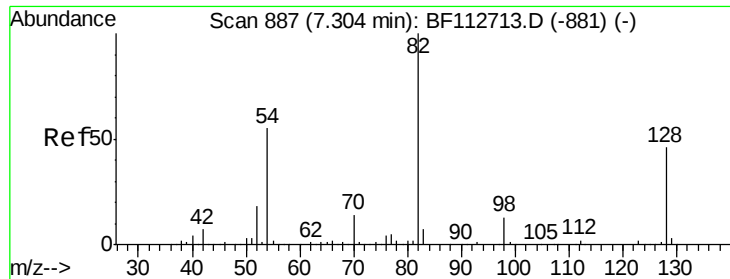
137 11.2 8.9 13.3

54 8.4 7.3 10.9

68 6.0 5.4 8.2

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





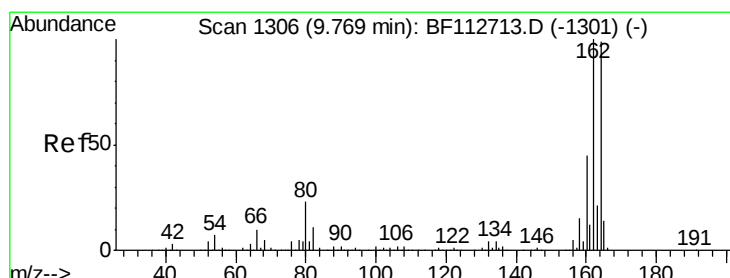
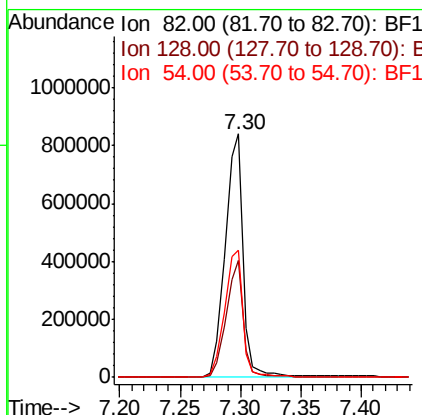
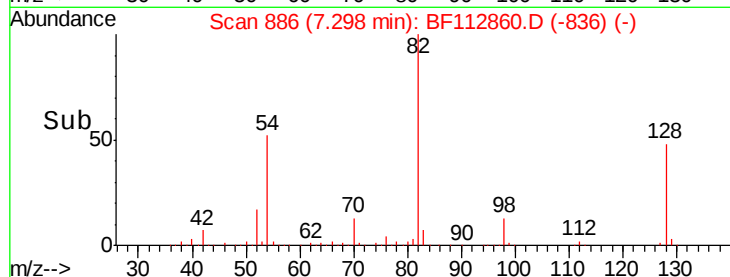
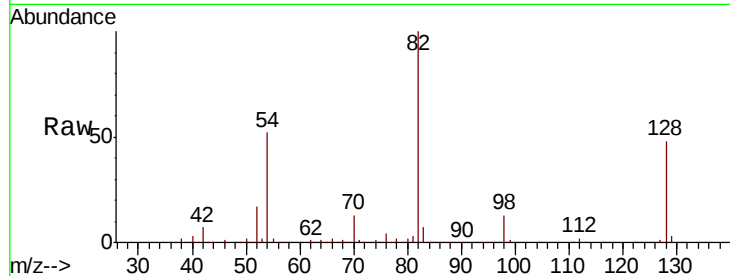
#23
Nitrobenzene-d5
Concen: 85.422 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Instrument :
BNA_F
ClientSampled :
TP-5-A

Tot Ion	82	Resp	868243
Ion Ratio	100	Lower	Upper
128	47.9	36.3	54.5
54	52.4	43.7	65.5

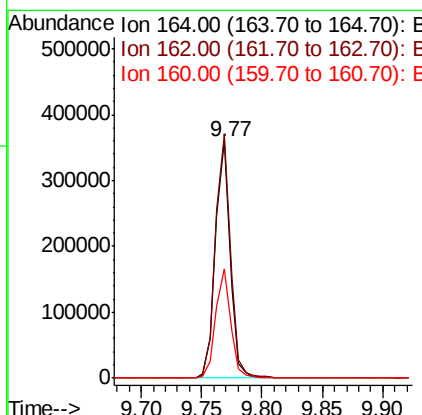
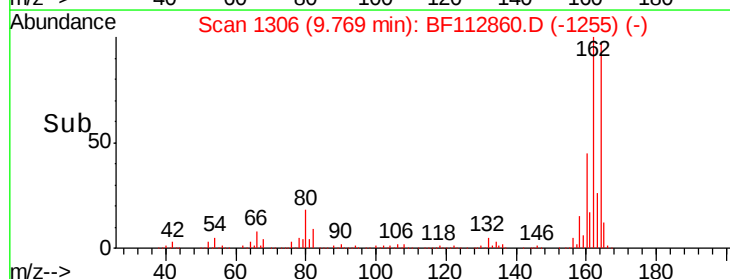
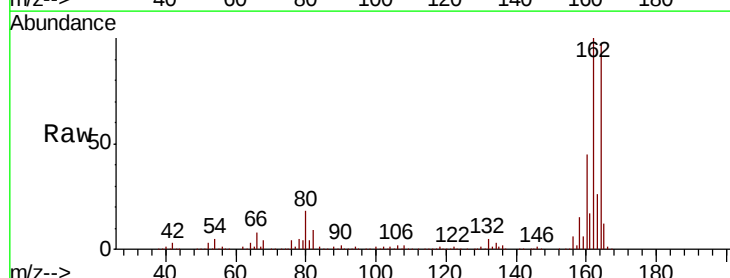
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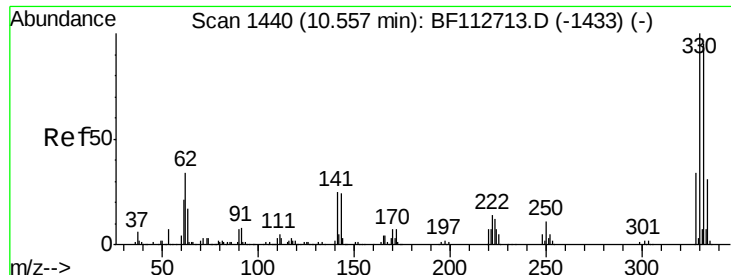
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Tgt Ion	164	Resp	301585
Ion Ratio	100	Lower	Upper
162	102.7	80.6	120.8
160	46.2	36.0	54.0





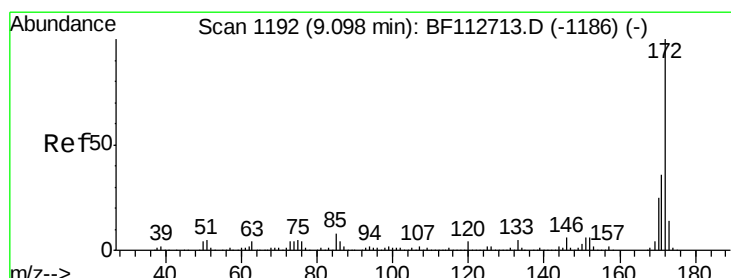
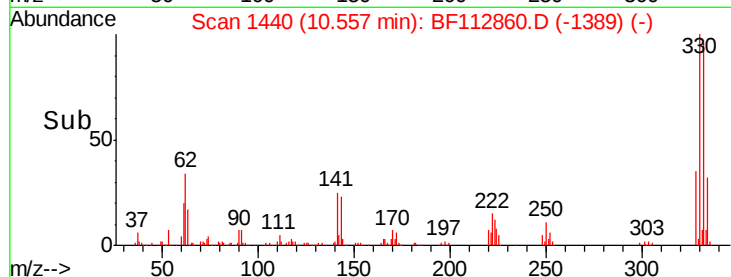
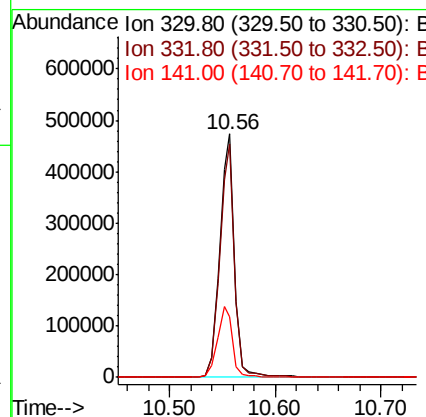
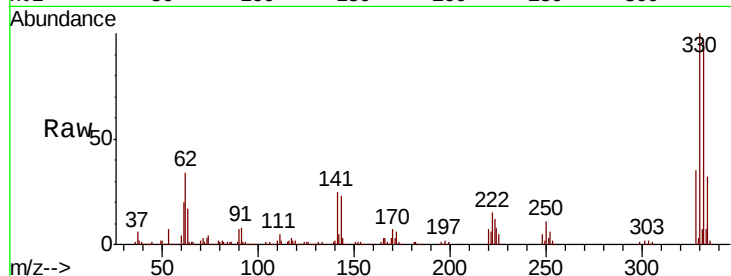
#42
 2,4,6-Tribromophenol
 Concen: 146.258 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112860.D
 Acq: 5 Mar 2019 18:53

Instrument :
 BNA_F
 ClientSampled :
 TP-5-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	30.3	27.0	40.6

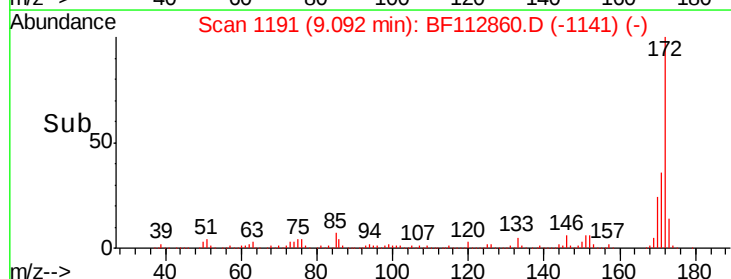
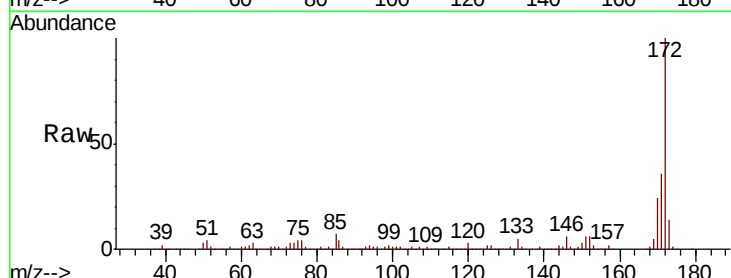
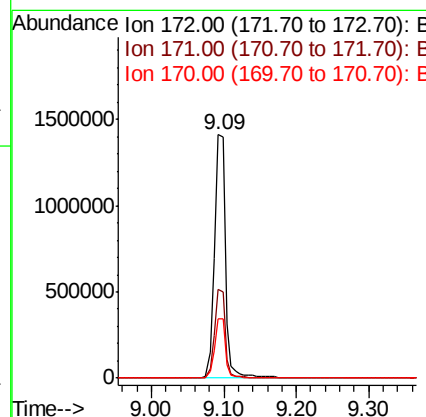
Manual Integrations
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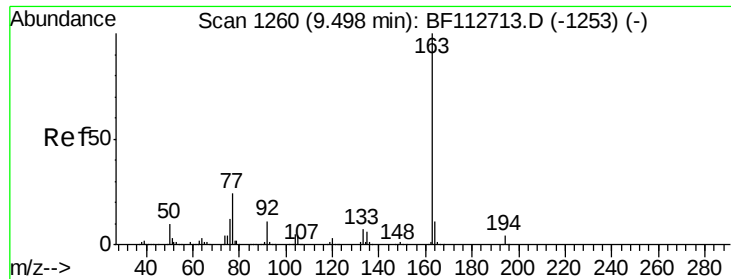
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#45
 2-Fluorobiphenyl
 Concen: 81.443 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF112860.D
 Acq: 5 Mar 2019 18:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.2	20.0	30.0





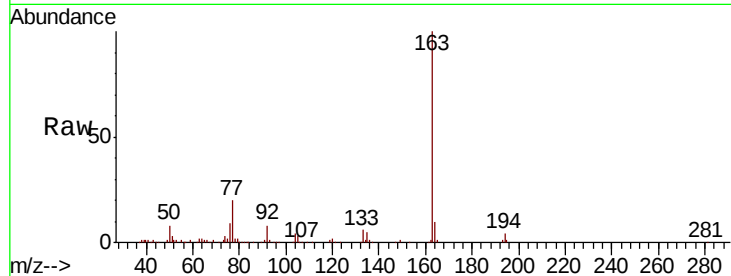
#50
Dimethylphthalate
Concen: 7.076 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Instrument :
BNA_F
ClientSampleId :
TP-5-A

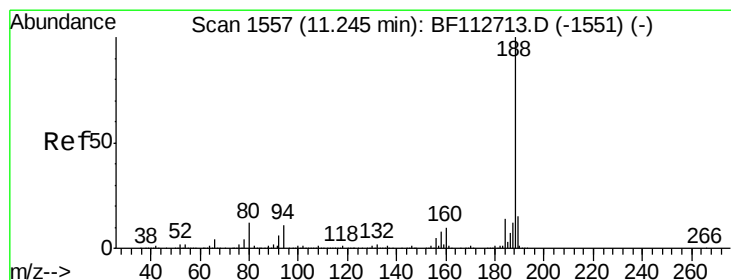
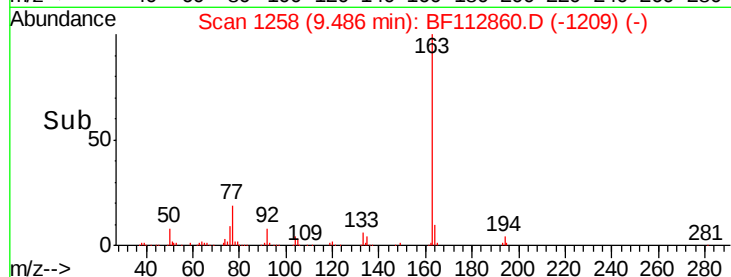
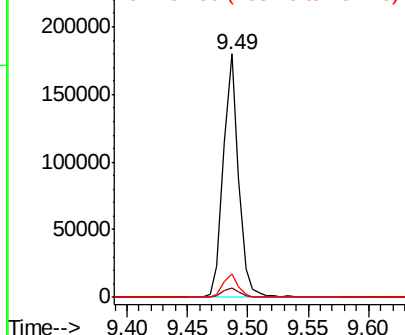
Tot Ion:	163	Resp:	157354
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.4
164	9.8	8.4	12.6

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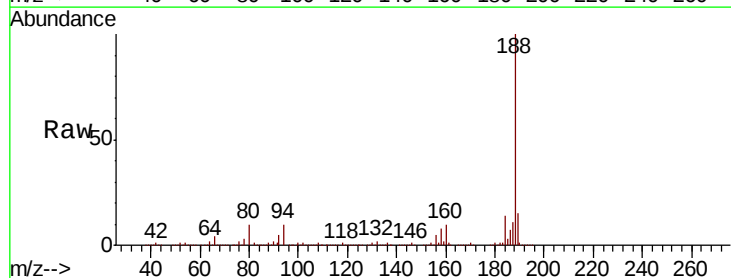


Abundance Ion 163.00 (162.70 to 163.70): E
250000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

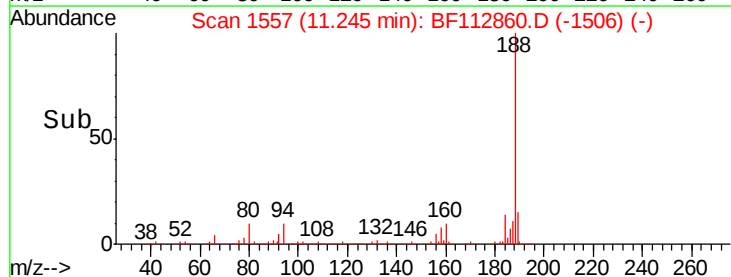
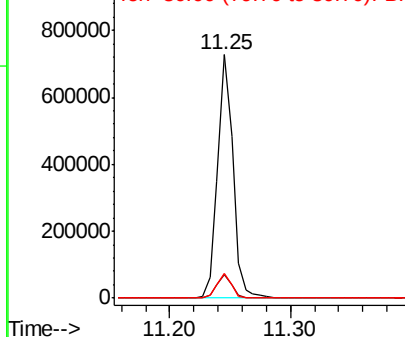


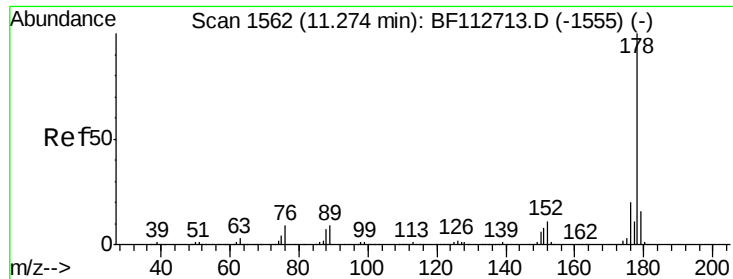
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Tgt Ion:	188	Resp:	633193
Ion Ratio	Lower	Upper	
188	100		
94	9.6	9.0	13.4
80	10.0	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
1000000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





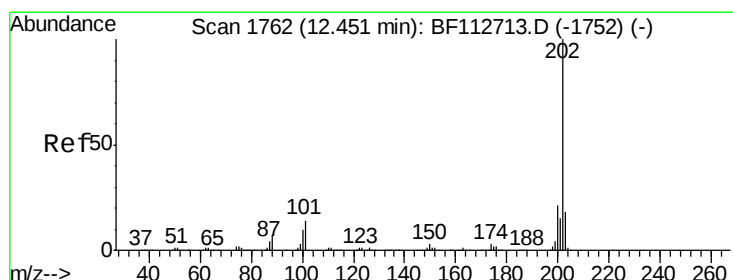
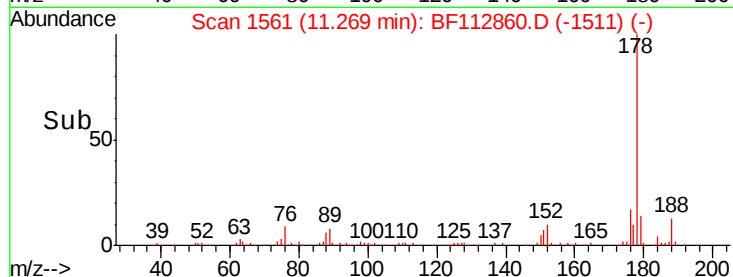
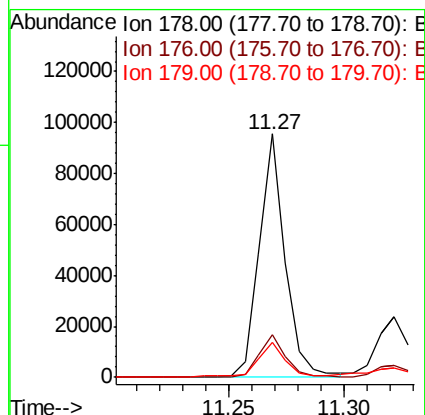
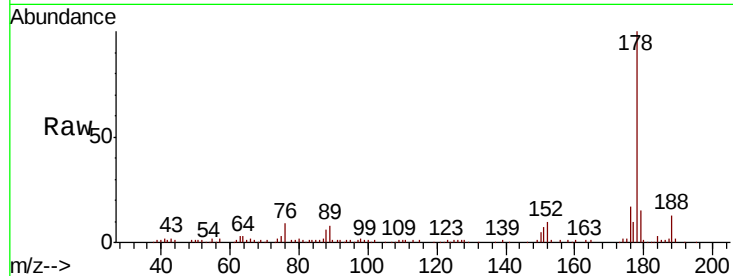
#71
Phenanthrene
Concen: 2.380 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.4	16.3	24.5
179	14.6	12.7	19.1

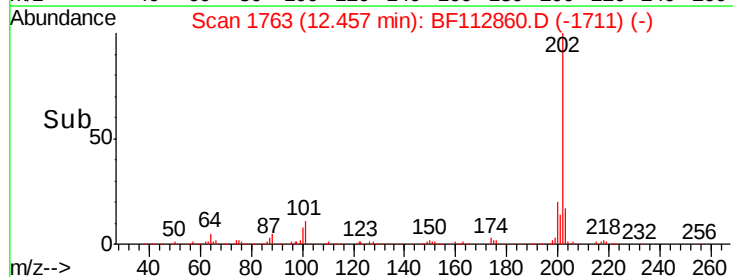
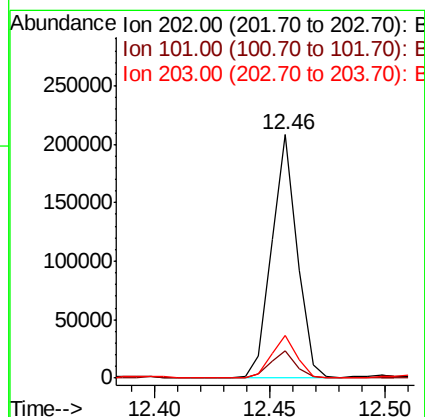
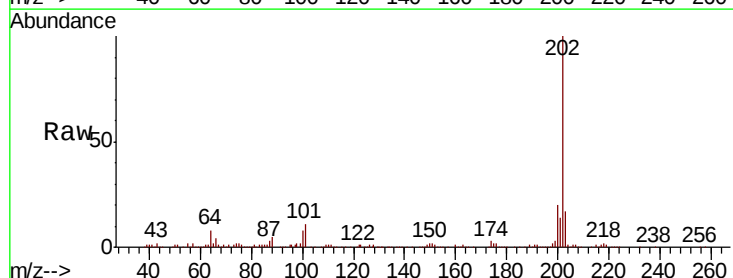
Manual Integrations
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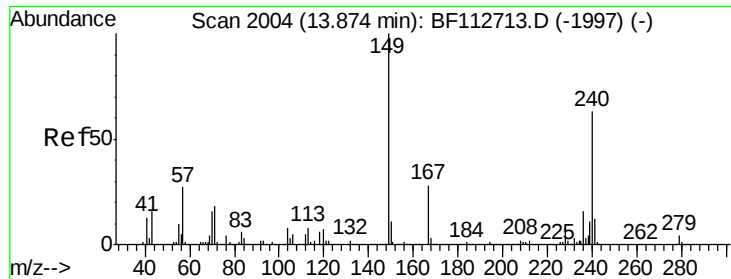
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#75
Fluoranthene
Concen: 4.701 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	33.8
203	17.4	0.0	38.4





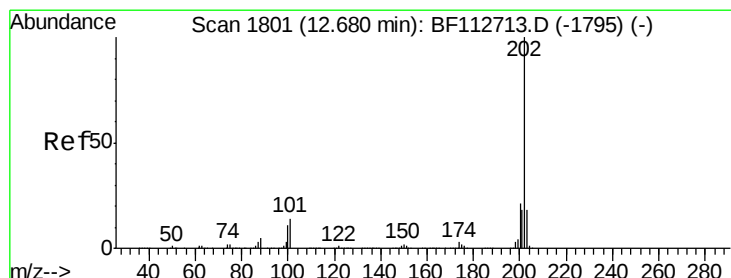
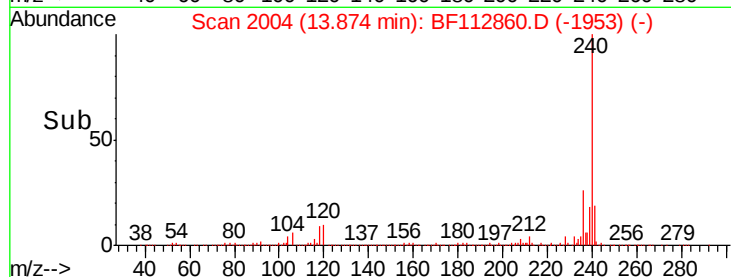
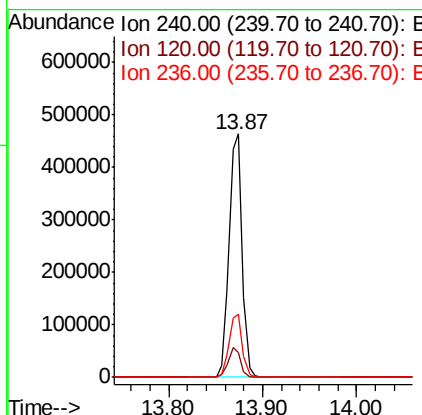
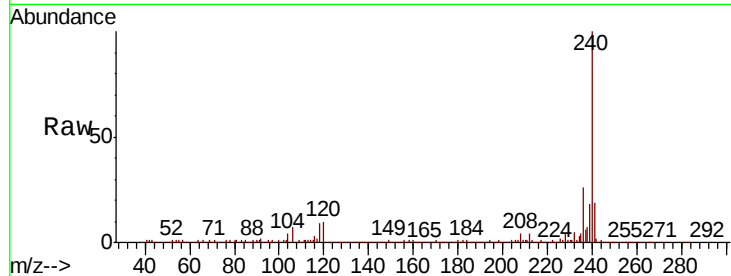
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Tot Ion	Ratio	Resp	Lower	Upper
240	100	449896		
120	10.3	8.9	13.3	
236	26.1	20.7	31.1	

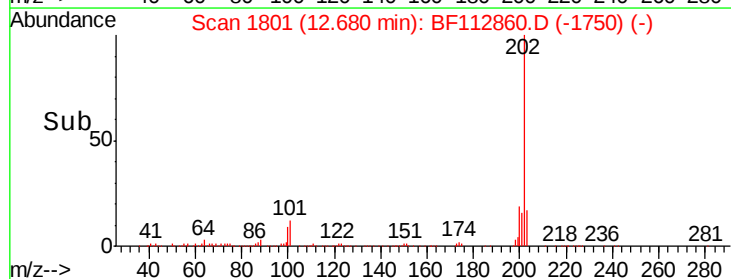
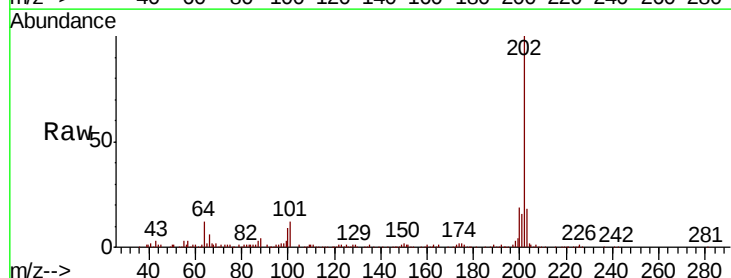
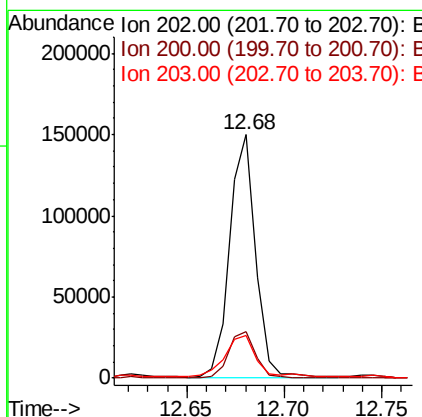
Manual Integrations
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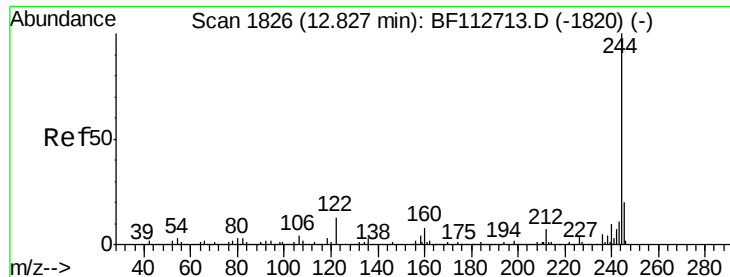
Sohil
3/6/2019 12:24:27 PM



#78
Pyrene
Concen: 3.631 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	137710		
200	19.3	17.0	25.4	
203	17.7	14.4	21.6	





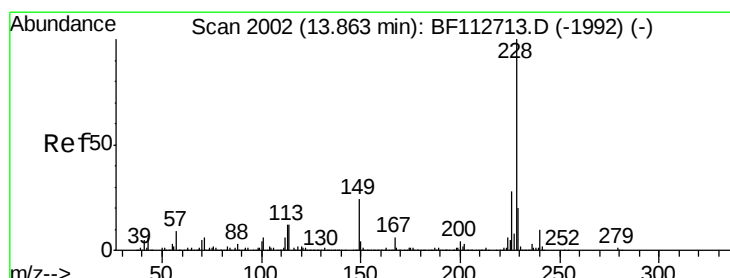
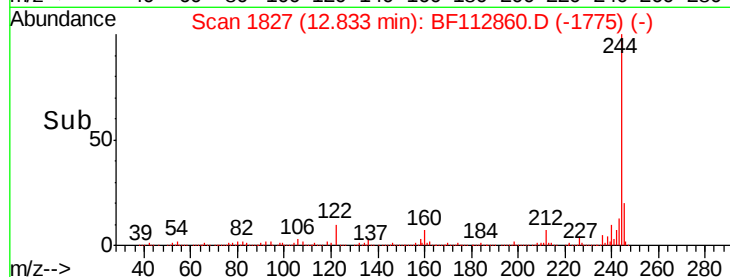
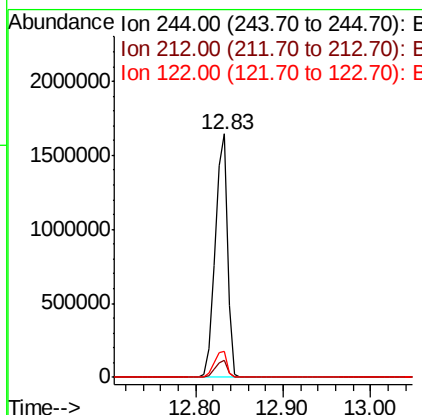
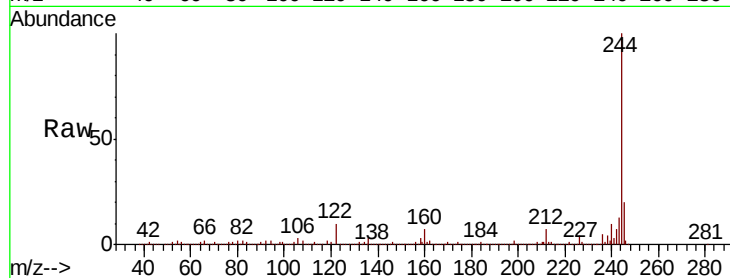
#79
 Terphenyl-d14
 Concen: 69.612 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112860.D
 Acq: 5 Mar 2019 18:53

Instrument :
 BNA_F
 ClientSampled :
 TP-5-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.5	10.5	15.7

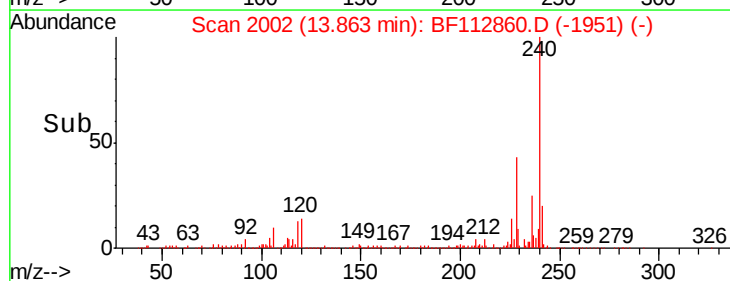
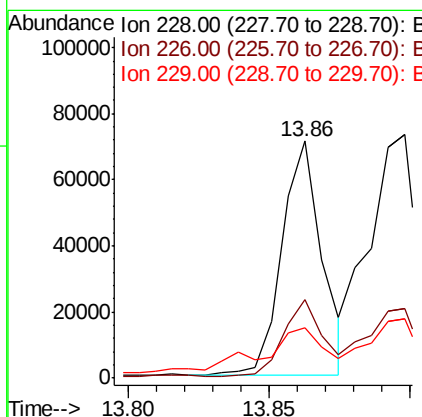
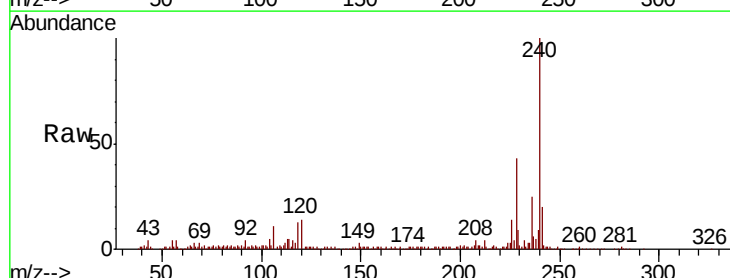
Manual Integrations
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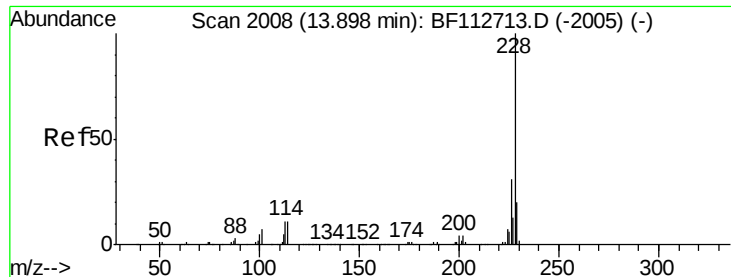
Sohil
 3/6/2019 12:24:27 PM



#81
 Benzo(a)anthracene
 Concen: 2.233 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF112860.D
 Acq: 5 Mar 2019 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.2	33.4
229	21.4	16.0	24.0





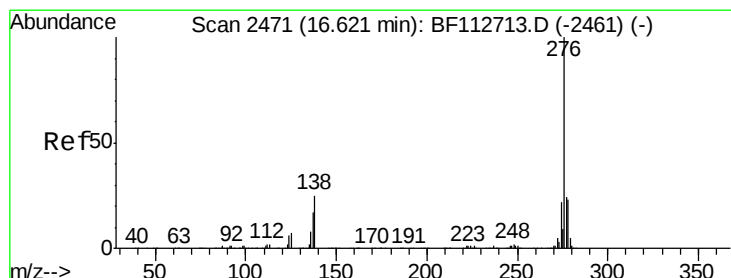
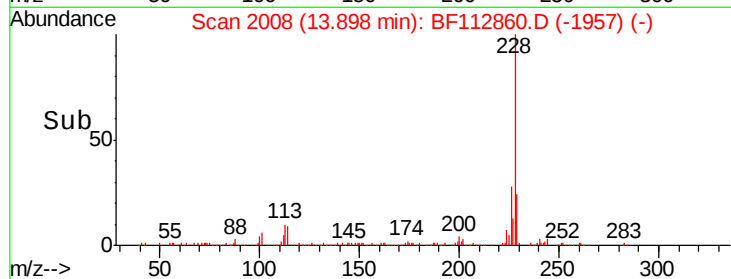
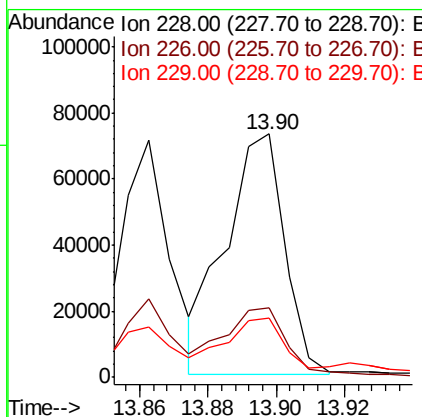
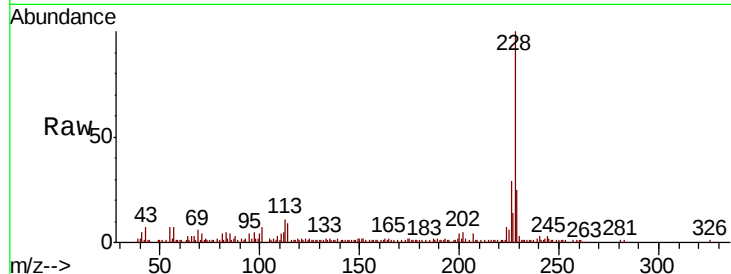
#83
Chrysene
Concen: 2.877 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Instrument :
BNA_F
ClientSampled :
TP-5-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.9	37.3
229	24.5	16.3	24.5

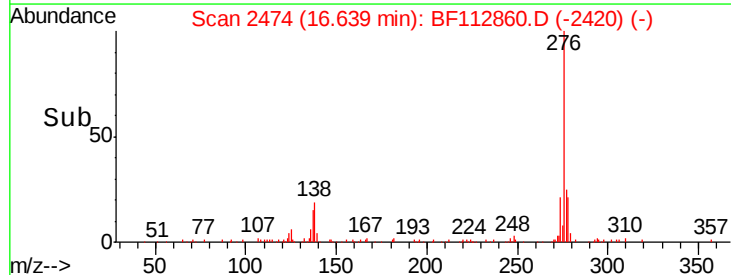
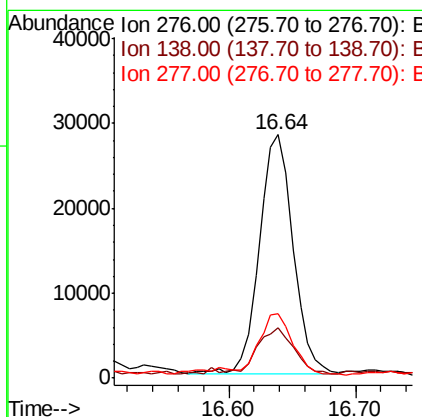
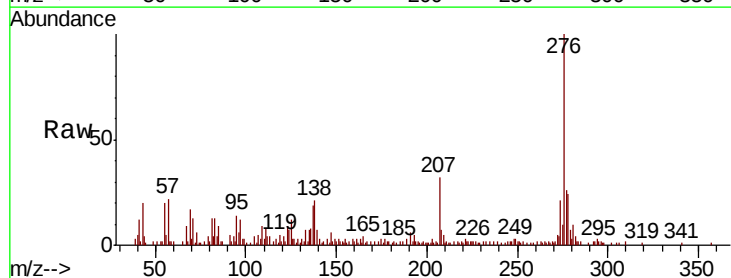
Manual Integrations
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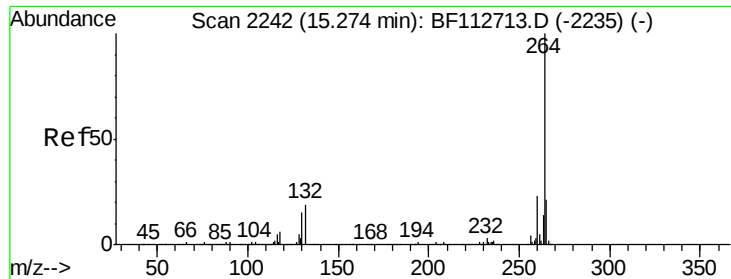
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.001 ng
RT: 16.64 min Scan# 2474
Delta R.T. 0.02 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	23.2	34.8
277	24.6	19.9	29.9





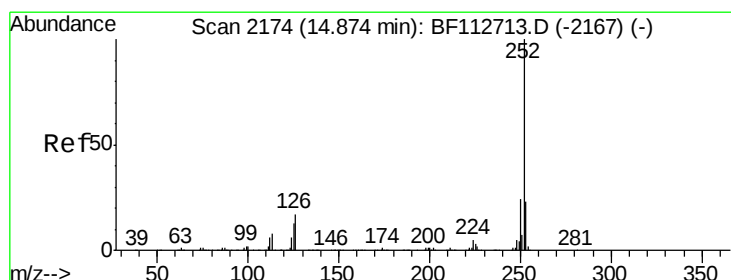
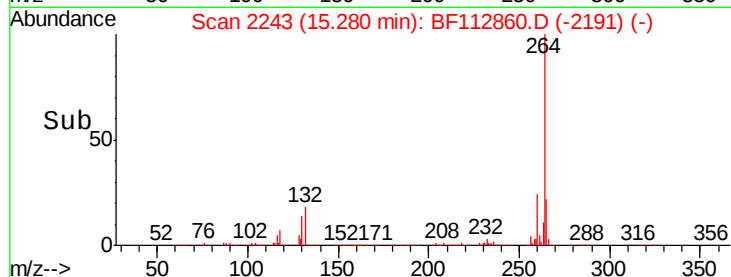
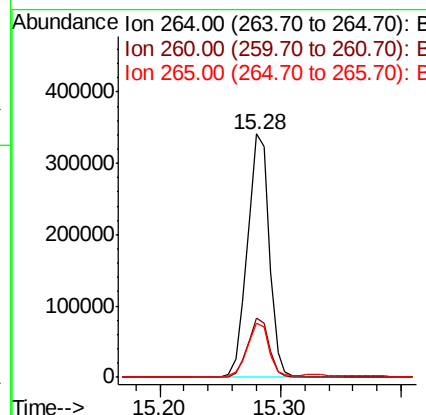
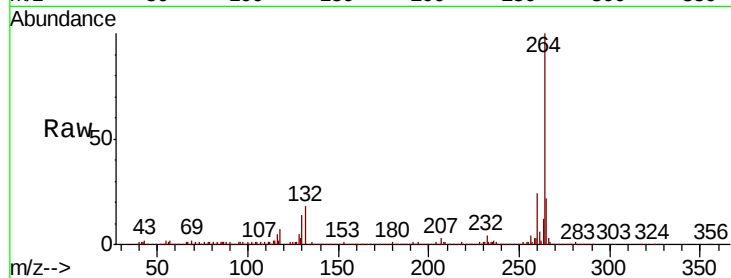
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Instrument :
BNA_F
ClientSampleId :
TP-5-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.5	17.2	25.8

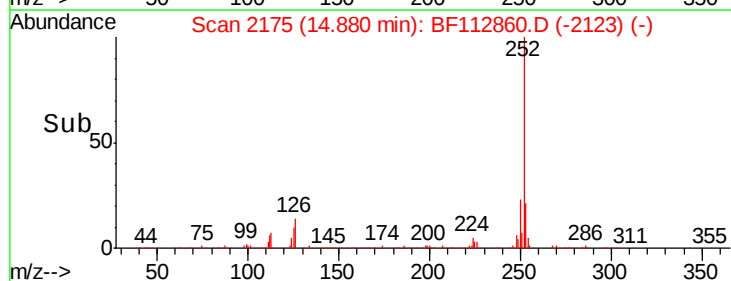
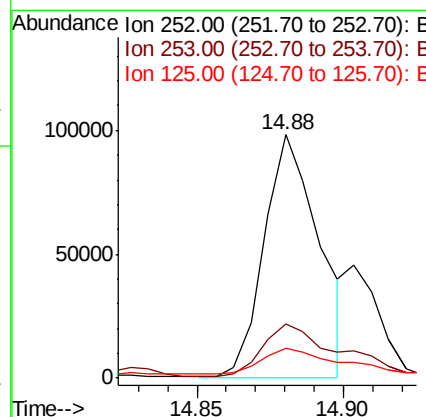
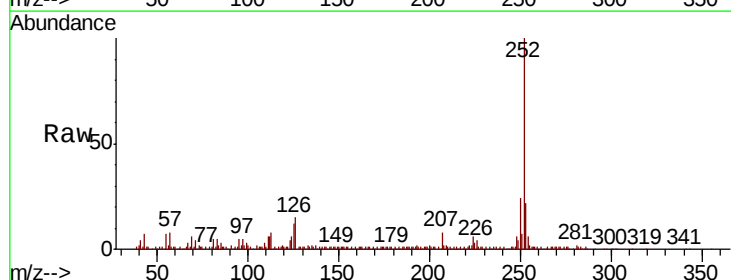
Manual Integrations
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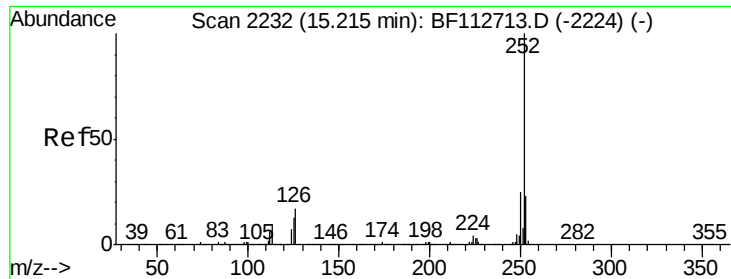
Sohil
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#88
Benzo(b)fluoranthene
Concen: 4.578 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	12.3	10.2	15.2





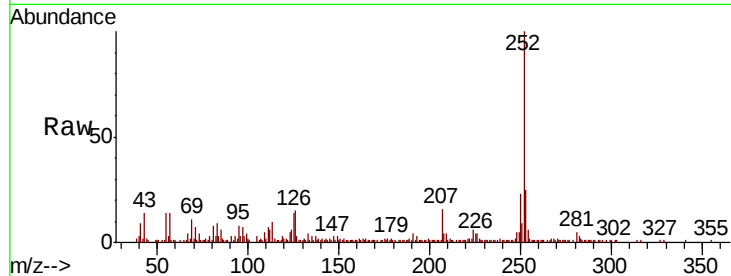
#90
Benzo(a)pyrene
Concen: 2.585 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Instrument :
BNA_F
ClientSampled :
TP-5-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.0	27.0
125	14.1	10.7	16.1

Manual Integrations
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Sohil
3/6/2019 12:24:27 PM

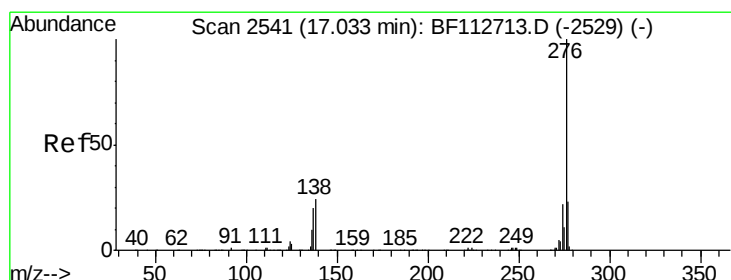
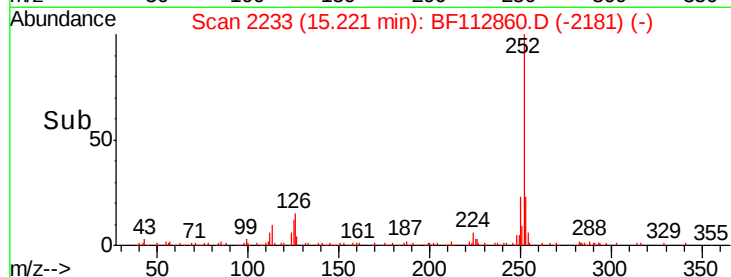
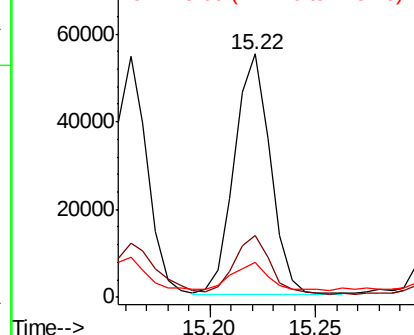


Abundance

Ion 252.00 (251.70 to 252.70): E

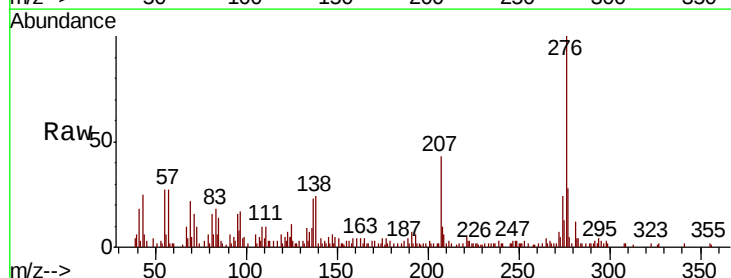
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.103 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF112860.D
Acq: 5 Mar 2019 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.4	18.6	27.8#
138	23.9	19.4	29.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

