

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
 Data File : BF112809.D
 Acq On : 1 Mar 2019 19:32
 Operator : JU/SJ
 Sample : K1675-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-3-1-B

Manual Integrations
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 3/4/2019 4:55:34 PM

Quant Time: Mar 02 00:08:07 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	6.75	152	172867	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	609011	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	247252	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	441332	20.00	ng	0.00
76) Chrysene-d12	13.87	240	467520	20.00	ng	0.00
87) Perylene-d12	15.29	264	366273	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	978092	88.01	ng	0.01
7) Phenol-d6	6.37	99	1224057	87.68	ng	0.00
23) Nitrobenzene-d5	7.30	82	718735	70.62	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	285794	108.88	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1214890	80.20	ng	0.00
79) Terphenyl-d14	12.83	244	1235800	51.24	ng	0.00
Target Compounds						
10) Phenol	6.39	94	54175	3.326	ng	92
50) Dimethylphthalate	9.49	163	66987	3.674	ng	96
71) Phenanthrene	11.27	178	148118	6.746	ng	98
75) Fluoranthene	12.46	202	371445	15.789	ng	96
78) Pyrene	12.68	202	349364	8.864	ng	99
81) Benzo(a)anthracene	13.86	228	208845	6.445	ng	100
83) Chrysene	13.90	228	202348	6.375	ng	97
86) Indeno(1,2,3-cd)pyrene	16.64	276	75890	2.805	ng	# 93
88) Benzo(b)fluoranthene	14.89	252	243182m	10.264	ng	
89) Benzo(k)fluoranthene	14.91	252	59293m	2.763	ng	
90) Benzo(a)pyrene	15.23	252	133538	6.372	ng	99
92) Benzo(a,h,i)perylene	17.04	276	68561	3.818	ng	96

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

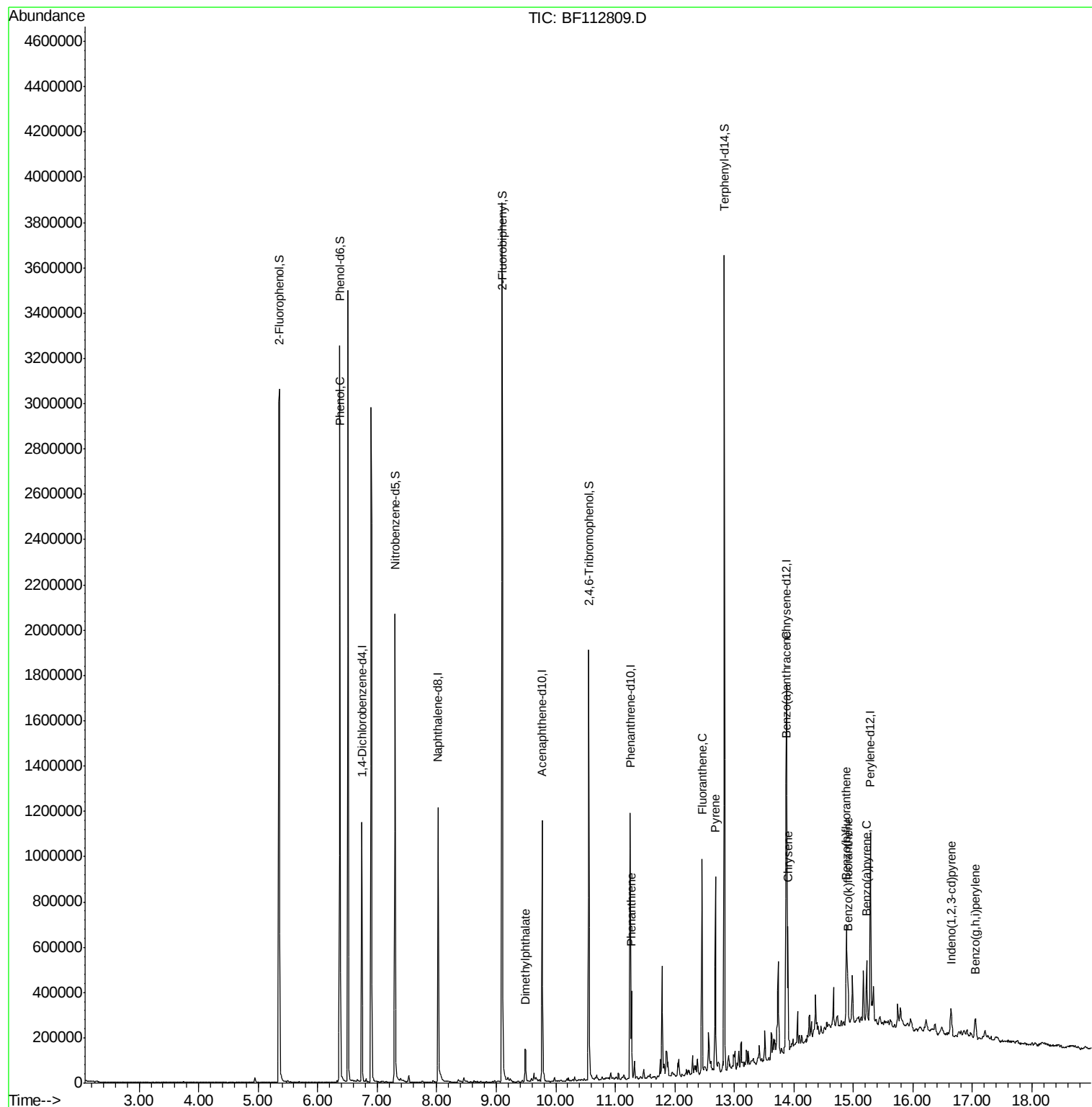
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112809.D
Acq On : 1 Mar 2019 19:32
Operator : JU/SJ
Sample : K1675-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

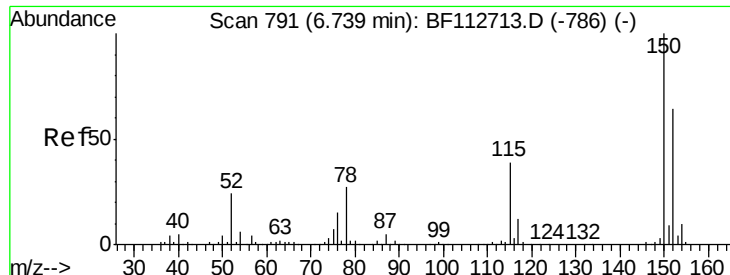
Instrument :
BNA_F
ClientSampleId :
Z-3-1-B

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Quant Time: Mar 02 00:08:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

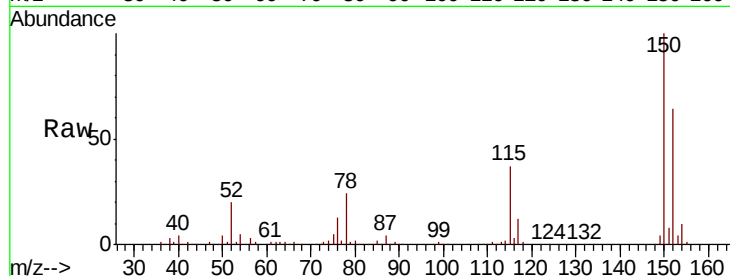
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Instrument :
BNA_F
ClientSampleId :
Z-3-1-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.2
115	57.5	48.2	72.4

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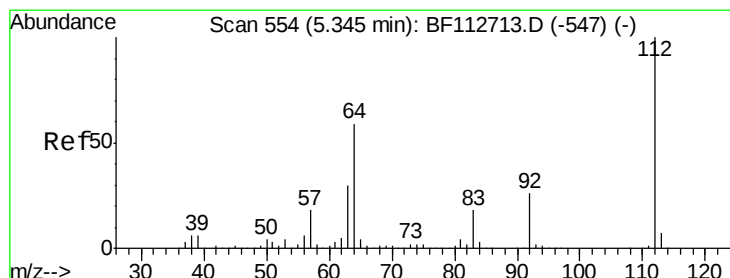
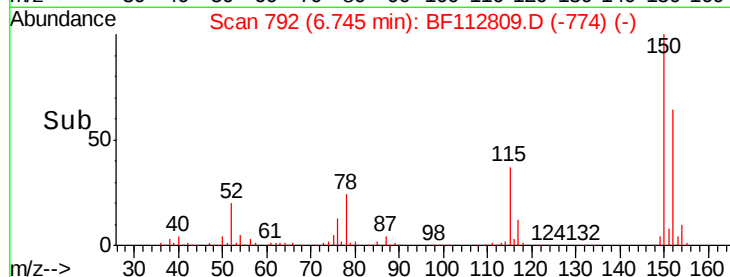
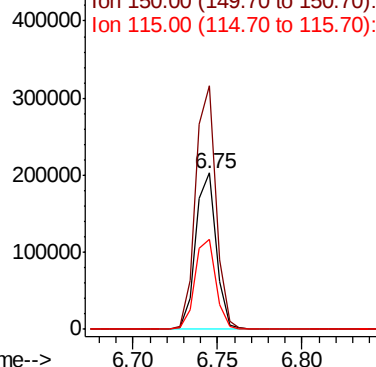


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

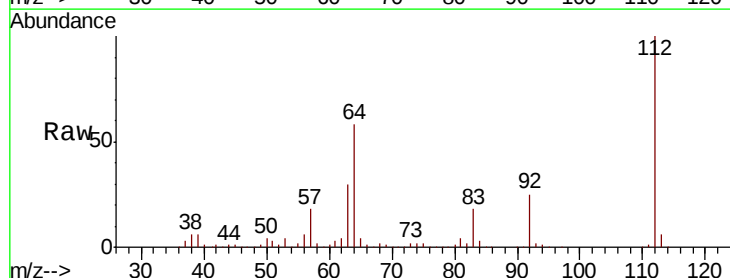
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.014 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.6	71.4
63	29.7	24.4	36.6

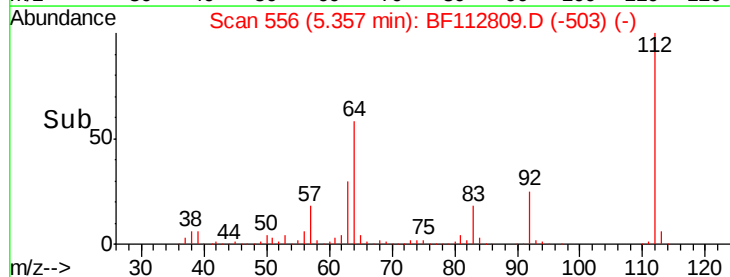
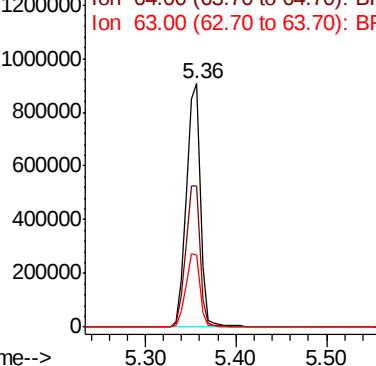


Abundance

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: 87.685 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112809.D

Acq: 1 Mar 2019 19:32

Instrument :

BNA_F

ClientSampled :

Z-3-1-B

Tot Ion: 99 Resp: 1224057

Ion Ratio Lower Upper

99 100

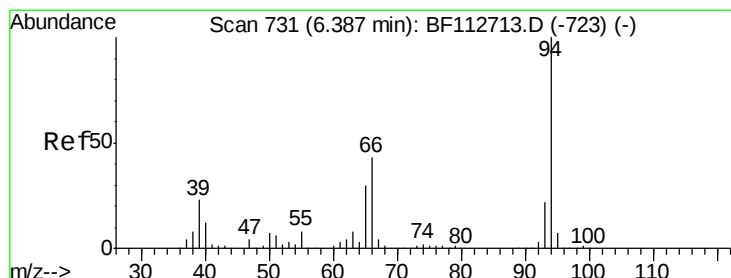
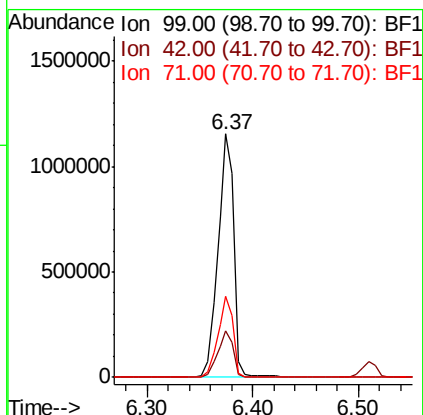
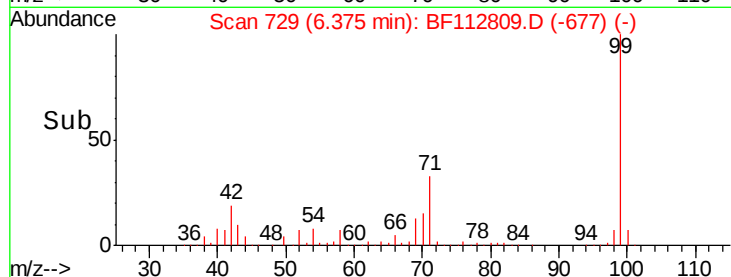
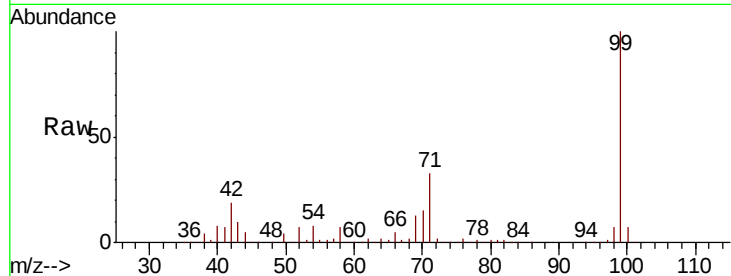
42 19.3 16.3 24.5

71 33.1 26.2 39.4

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#10

Phenol

Concen: 3.326 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF112809.D

Acq: 1 Mar 2019 19:32

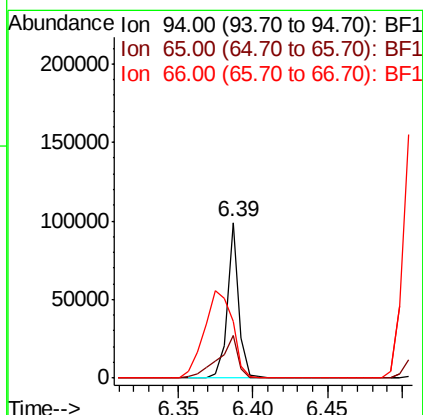
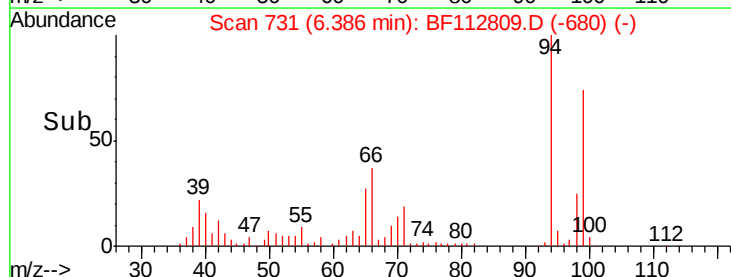
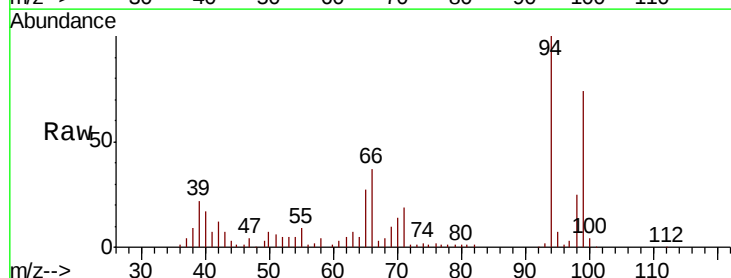
Tgt Ion: 94 Resp: 54175

Ion Ratio Lower Upper

94 100

65 27.4 10.5 50.5

66 36.8 22.6 62.6





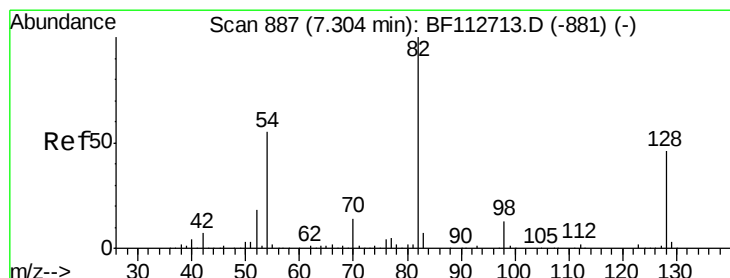
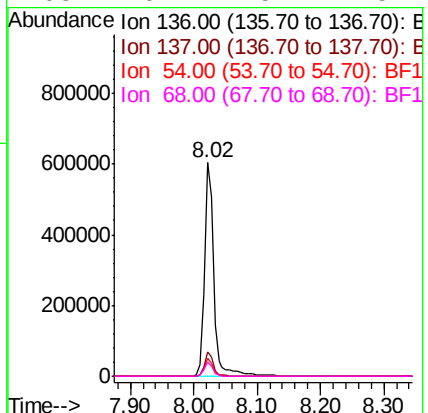
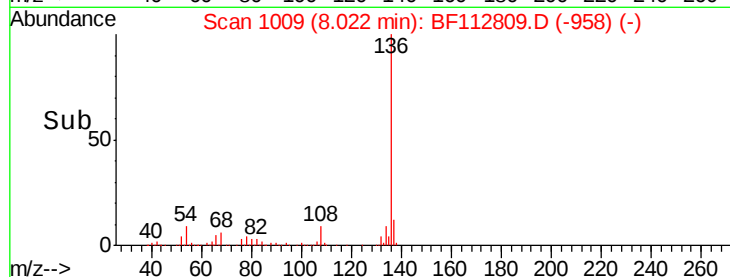
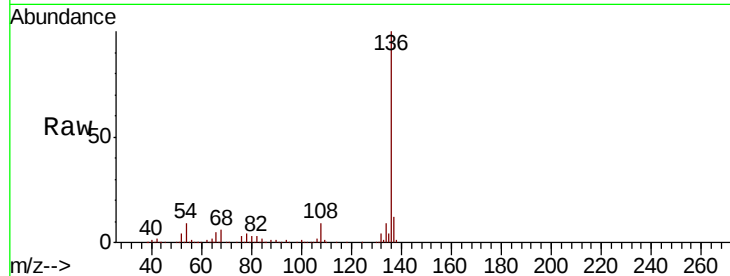
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Instrument :
BNA_F
ClientSampleId :
Z-3-1-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		609011		
137	11.7	8.9	13.3		
54	8.7	7.3	10.9		
68	6.4	5.4	8.2		

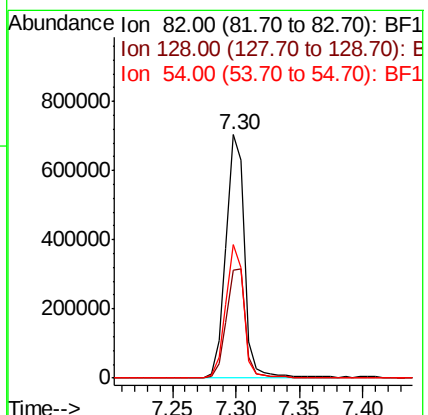
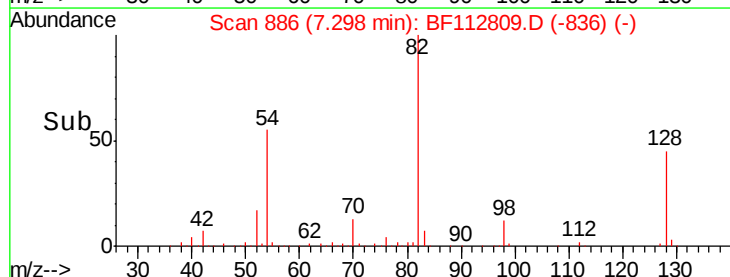
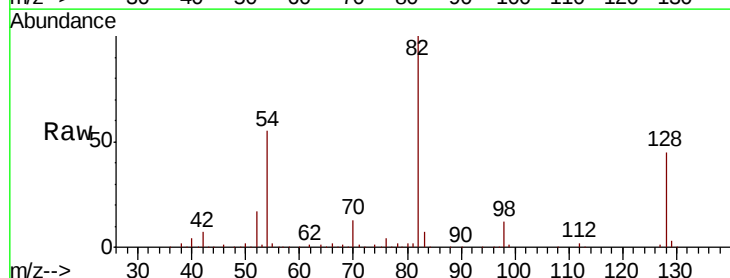
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#23
Nitrobenzene-d5
Concen: 70.619 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		718735		
128	44.5	36.3	54.5		
54	54.6	43.7	65.5		





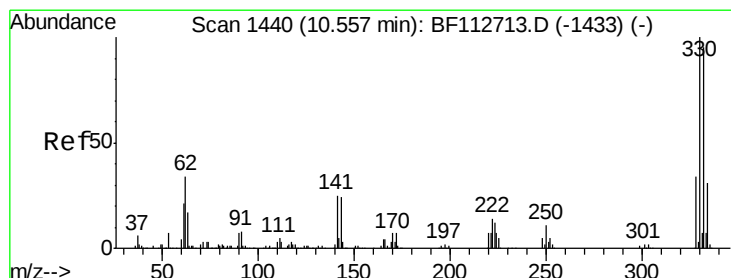
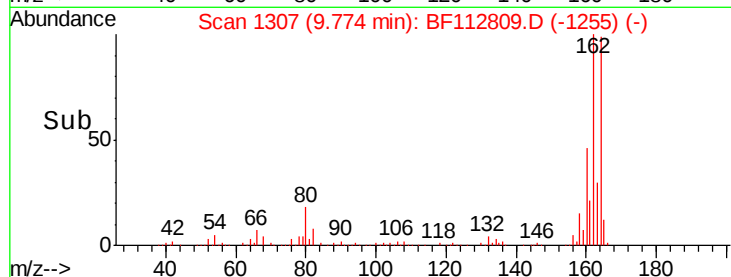
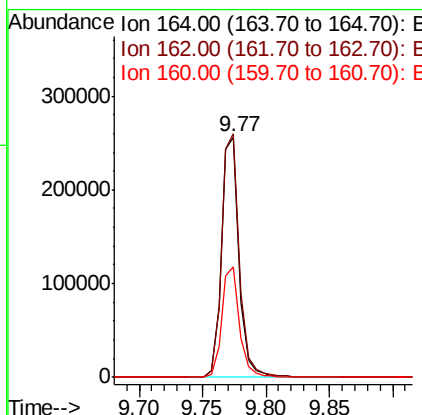
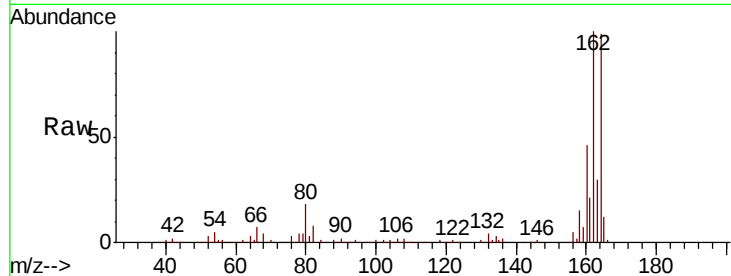
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Instrument :
BNA_F
ClientSampleId :
Z-3-1-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	80.6	120.8	
160	46.1	36.0	54.0	

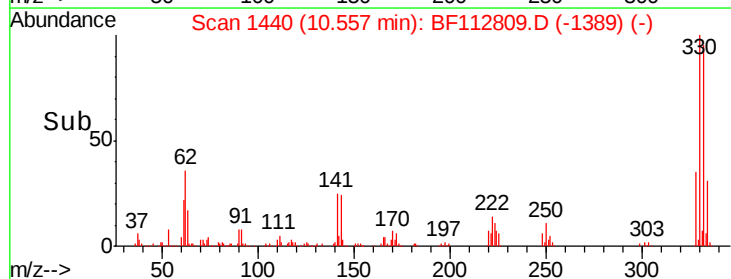
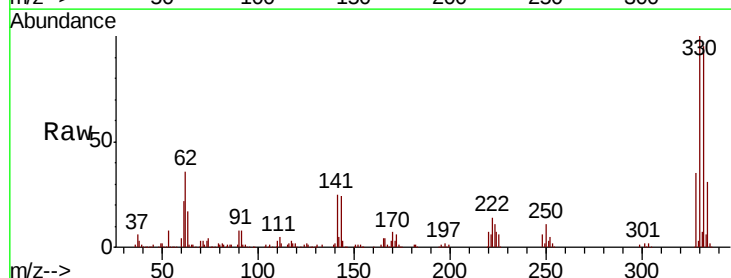
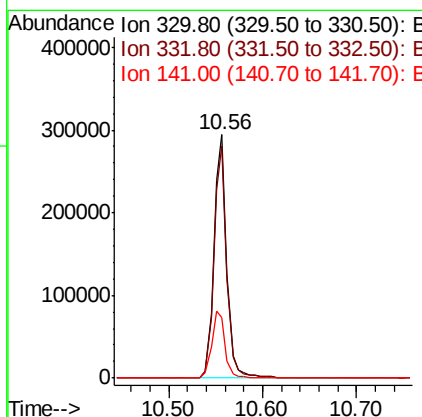
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#42
2,4,6-Tribromophenol
Concen: 108.878 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	76.2	114.4	
141	29.2	27.0	40.6	





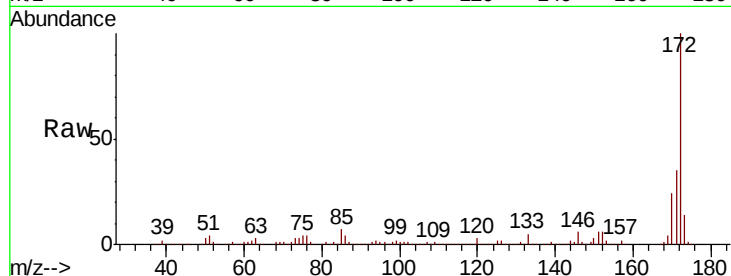
#45
2-Fluorobiphenyl
Concen: 80.204 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Instrument :
BNA_F
ClientSampleId :
Z-3-1-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.4
170	24.2	20.0	30.0

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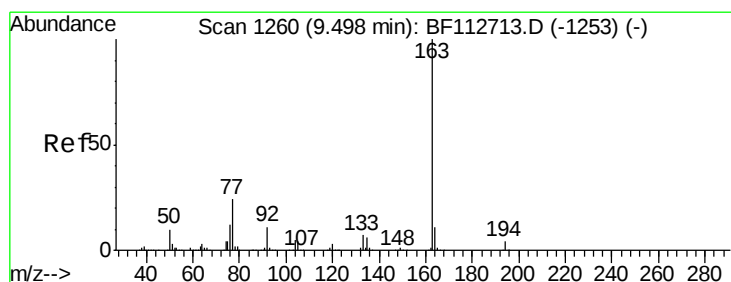
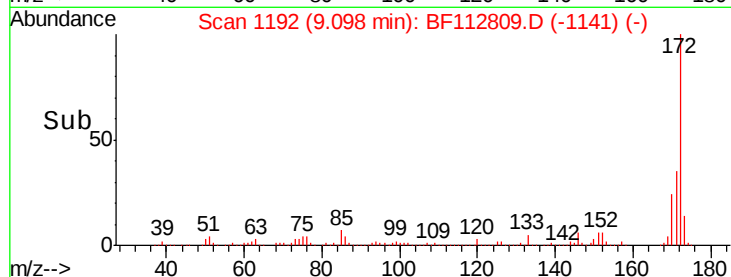
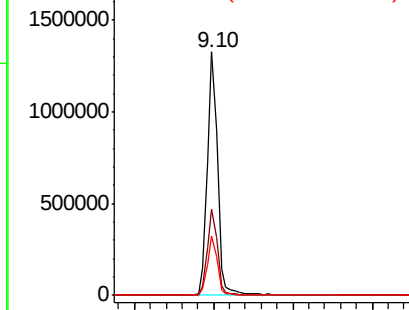


Abundance

Ion 172.00 (171.70 to 172.70): E

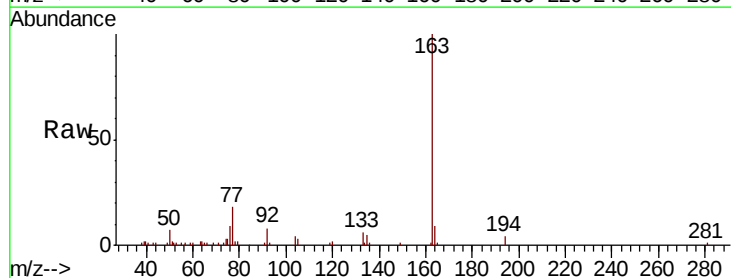
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 3.674 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	8.6	8.4	12.6

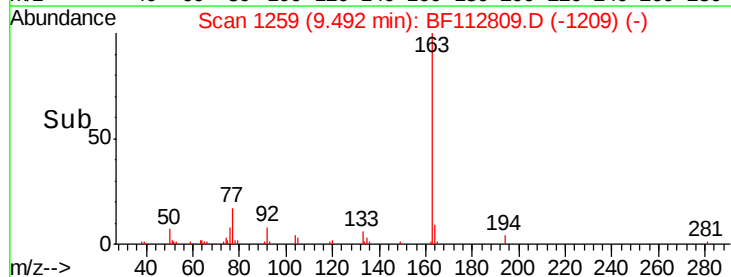
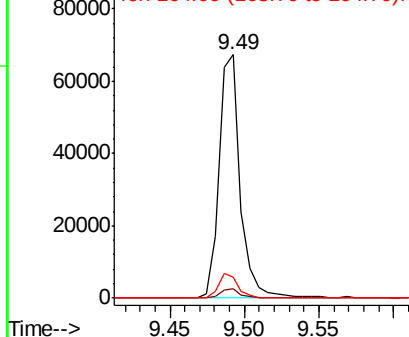


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





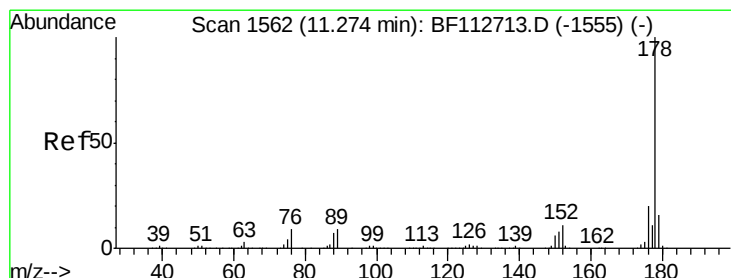
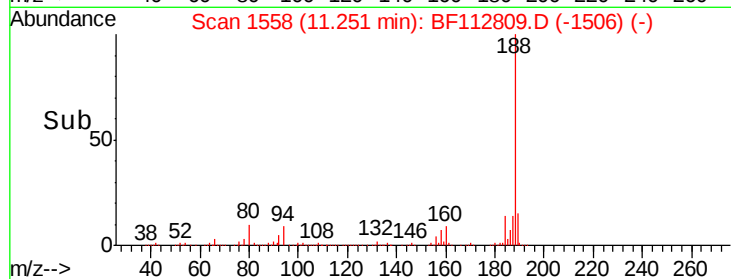
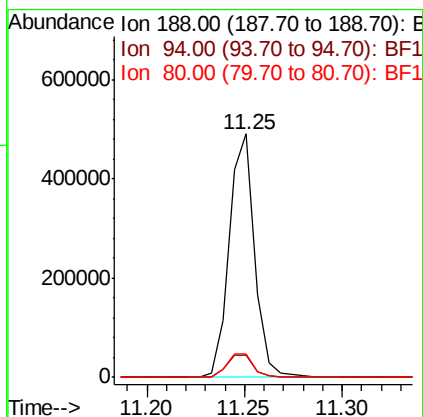
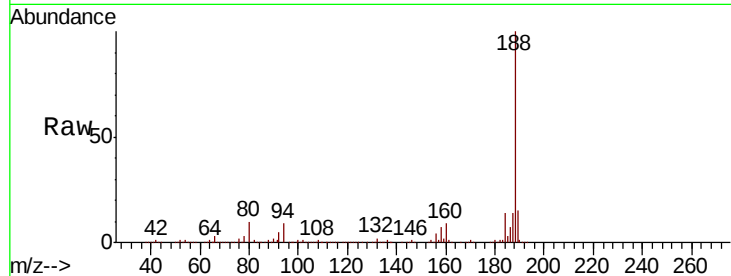
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Instrument :
BNA_F
ClientSampleId :
Z-3-1-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	441332		
94	8.9	9.0	13.4#	
80	9.6	9.2	13.8	

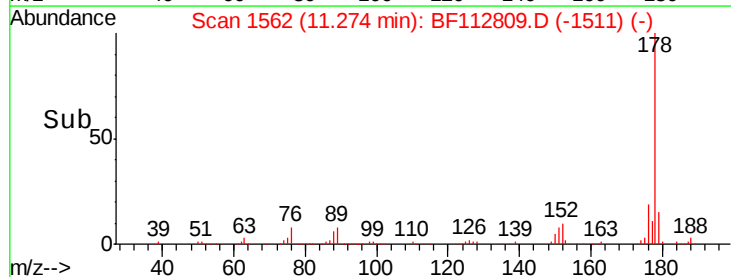
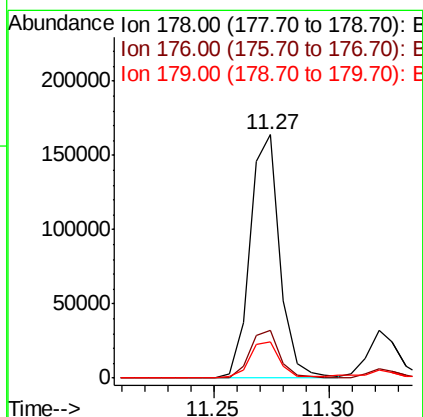
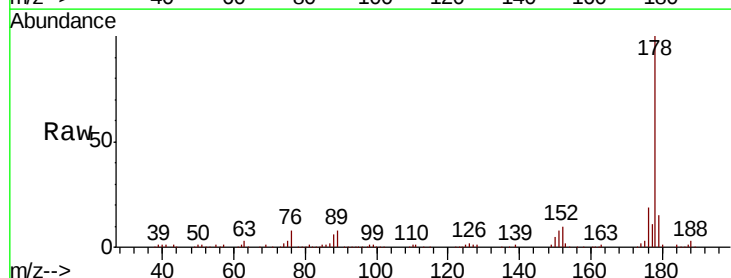
Manual Integrations
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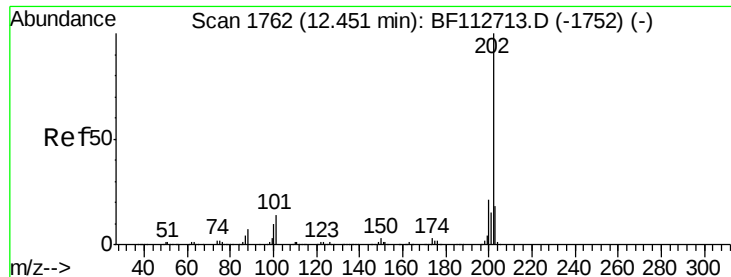
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#71
Phenanthrene
Concen: 6.746 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	148118		
176	19.4	16.3	24.5	
179	15.0	12.7	19.1	





#75

Fluoranthene

Concen: 15.789 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112809.D

Acq: 1 Mar 2019 19:32

Instrument :

BNA_F

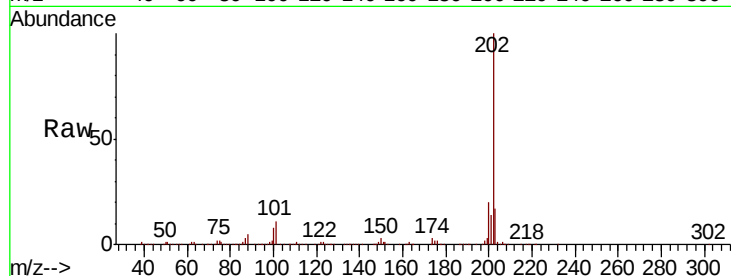
ClientSampled :

Z-3-1-B

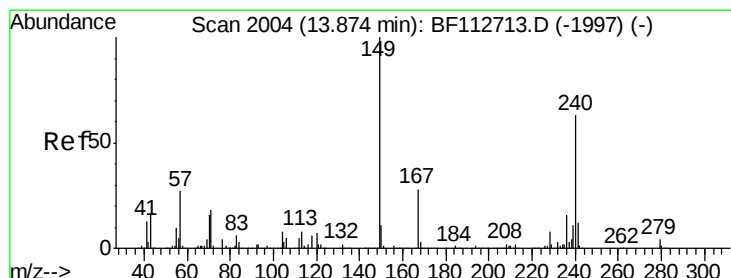
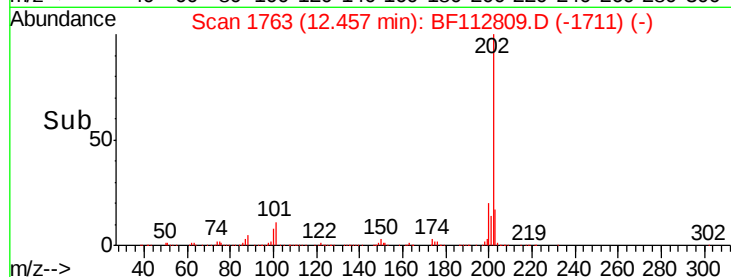
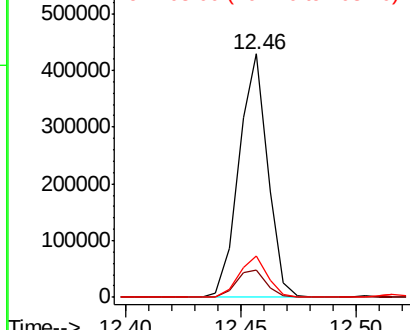
Tot Ion:	202	Resp:	371445
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	33.8
203	17.2	0.0	38.4

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

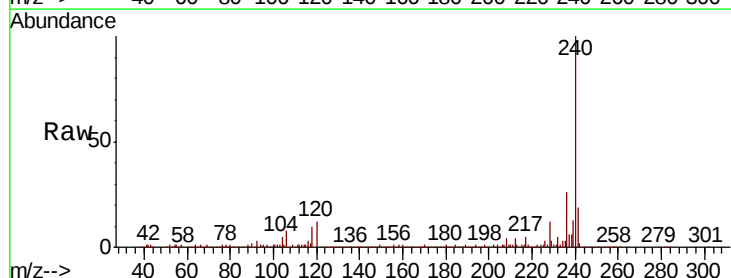
RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

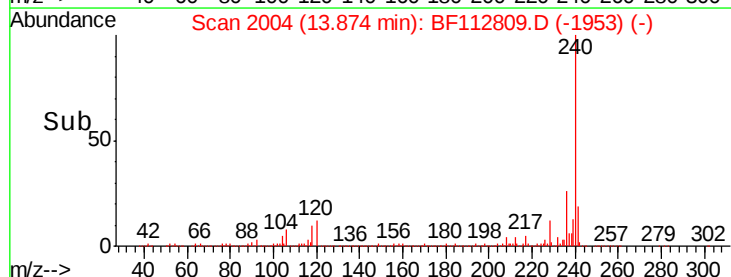
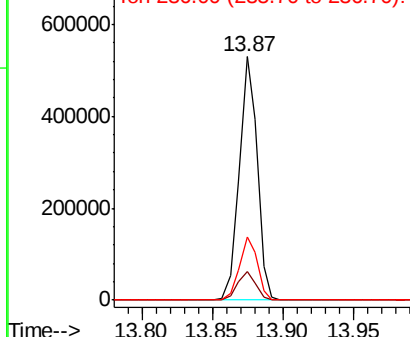
Lab File: BF112809.D

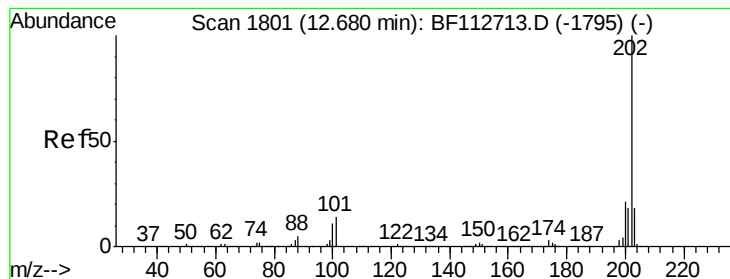
Acq: 1 Mar 2019 19:32

Tgt Ion:	240	Resp:	467520
Ion Ratio	Lower	Upper	
240	100		
120	11.7	8.9	13.3
236	25.7	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 8.864 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF112809.D

Acq: 1 Mar 2019 19:32

Instrument :

BNA_F

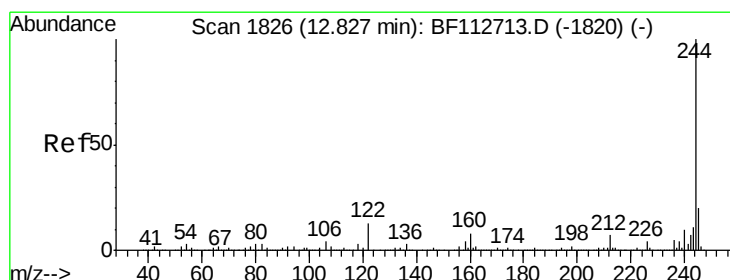
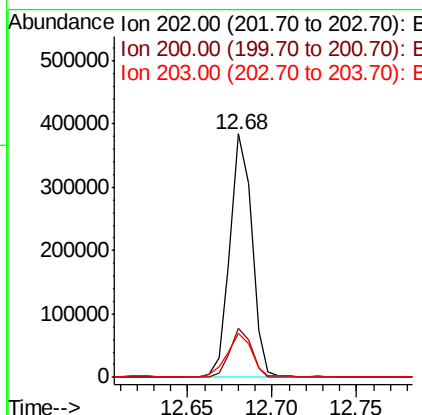
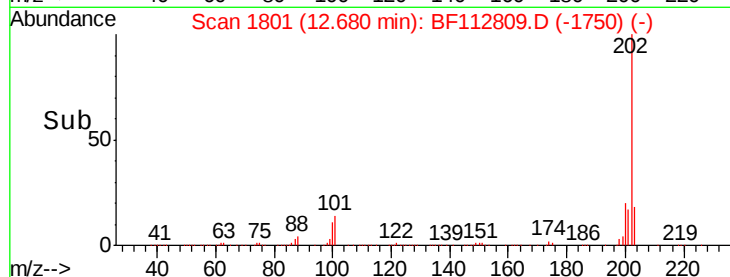
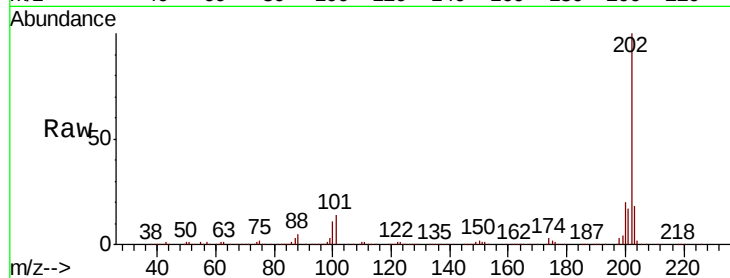
ClientSampled :

Z-3-1-B

Tot Ion:	202	Resp:	349364
Ion Ratio		Lower	Upper
202	100		
200	20.2	17.0	25.4
203	18.0	14.4	21.6

Manual Integrations
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#79

Terphenyl-d14

Concen: 51.240 ng

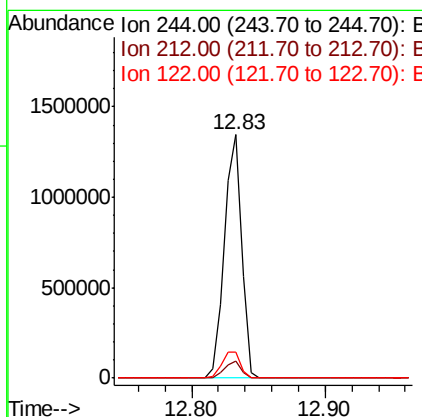
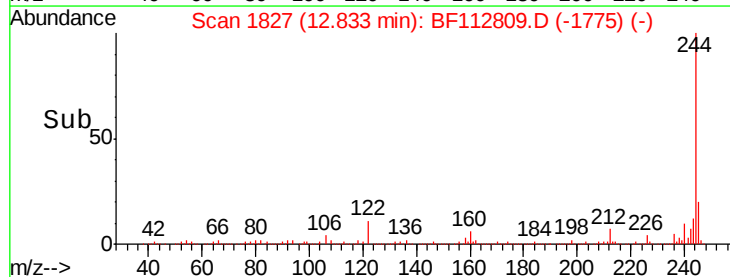
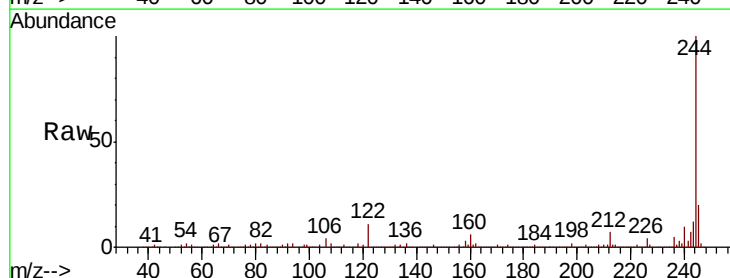
RT: 12.83 min Scan# 1827

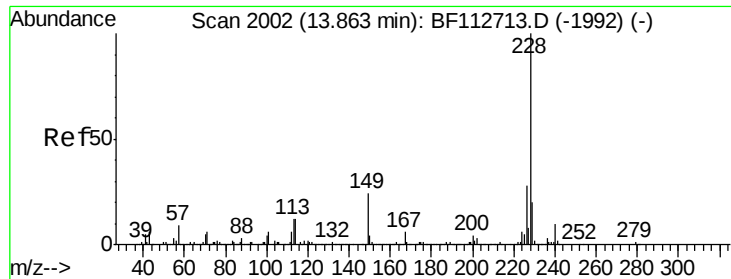
Delta R.T. 0.01 min

Lab File: BF112809.D

Acq: 1 Mar 2019 19:32

Tgt Ion:	244	Resp:	1235800
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.9	10.5	15.7





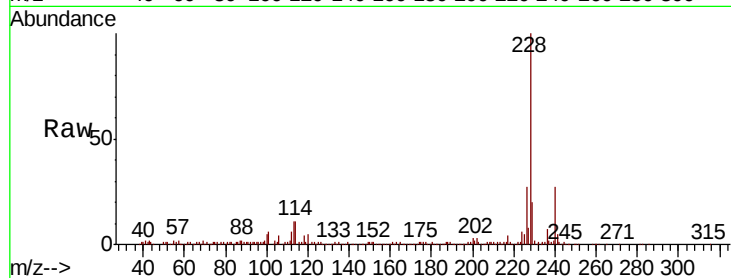
#81
Benzo(a)anthracene
Concen: 6.445 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Instrument :
BNA_F
ClientSampled :
Z-3-1-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	20.1	16.0	24.0

Manual Integrations
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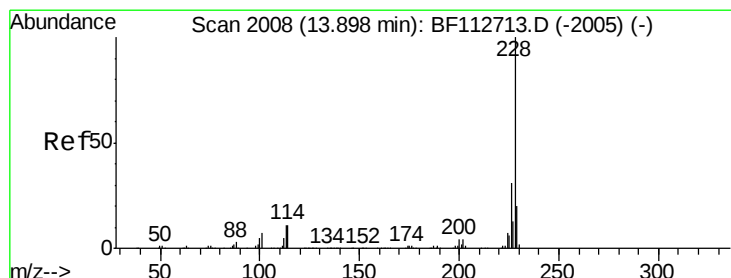
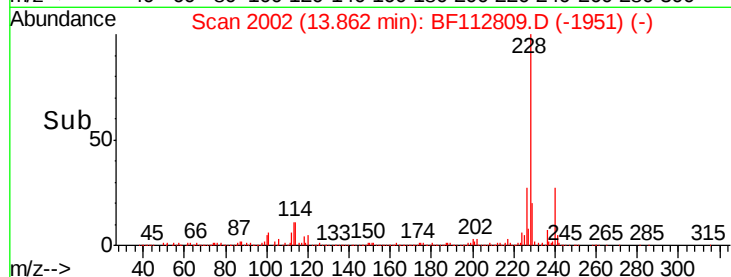
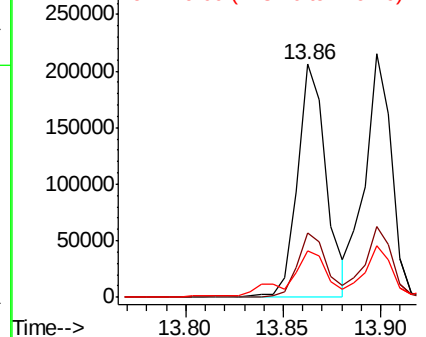


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 6.375 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

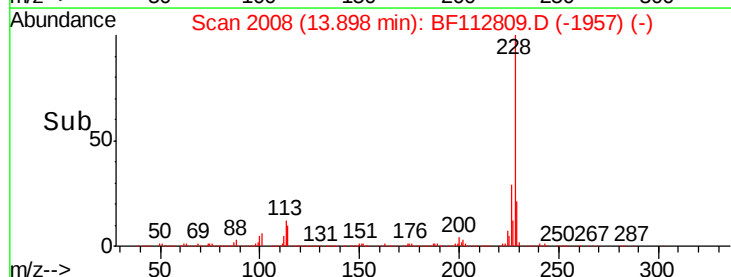
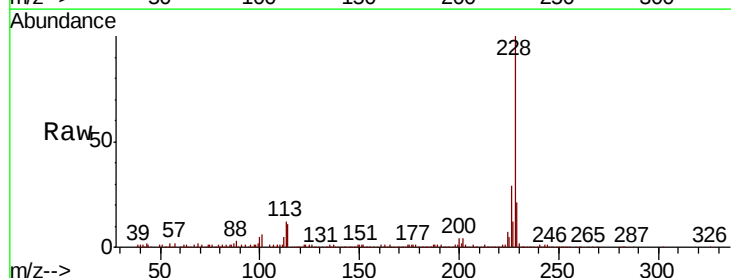
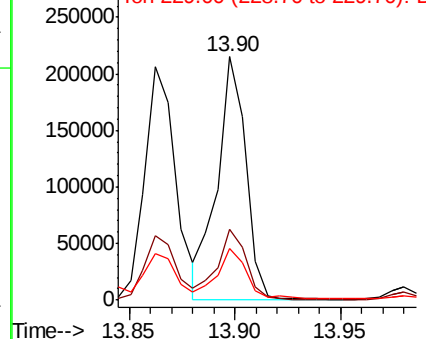
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	21.3	16.3	24.5

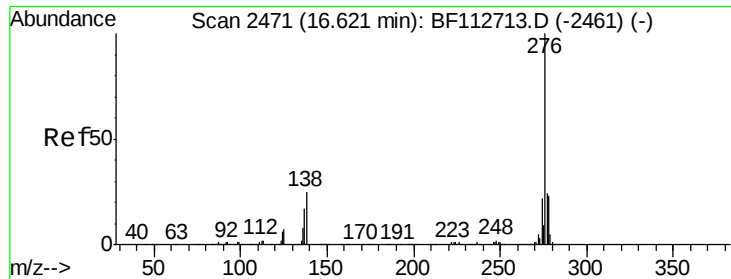
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





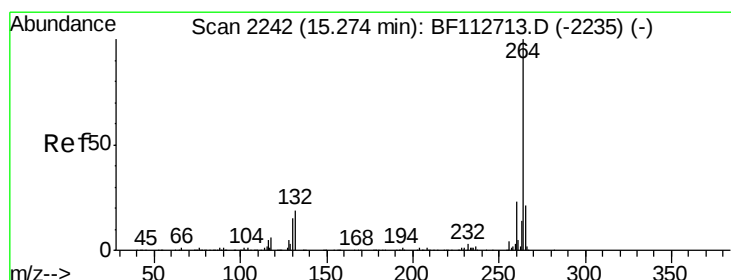
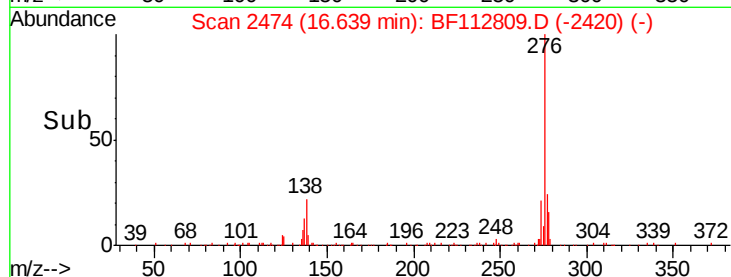
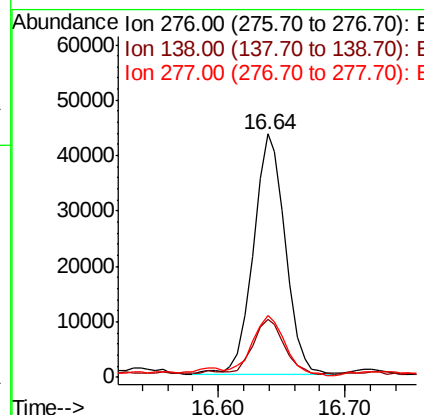
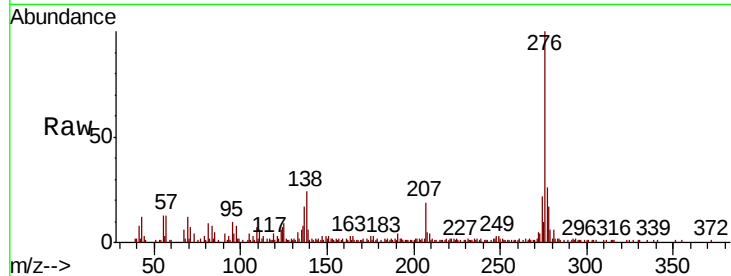
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.805 ng
RT: 16.64 min Scan# 2474
Delta R.T. 0.02 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Instrument :
BNA_F
ClientSampled :
Z-3-1-B

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	23.2	34.8#
277	25.9	19.9	29.9

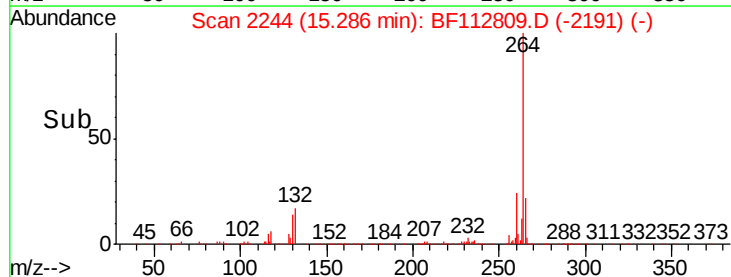
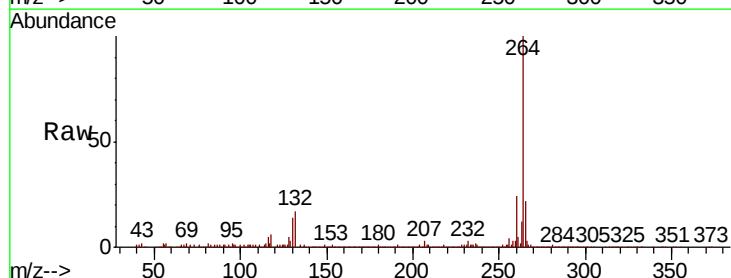
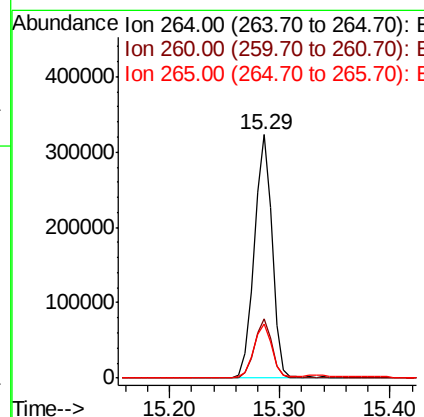
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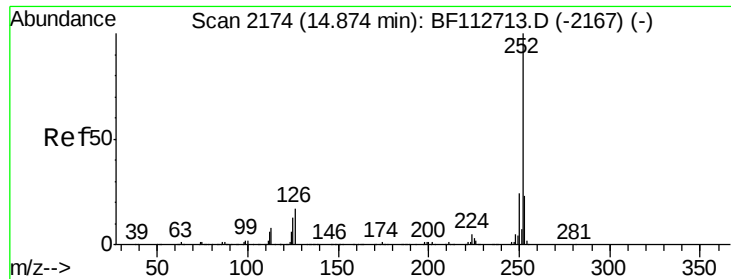
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	22.1	17.2	25.8





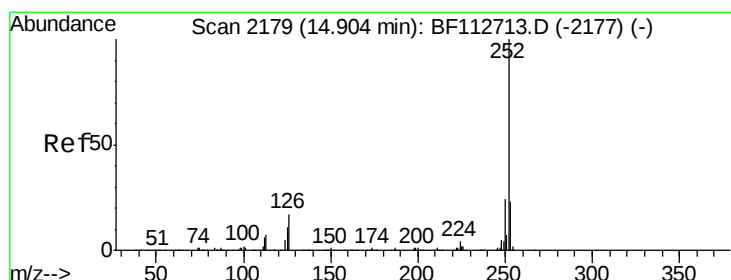
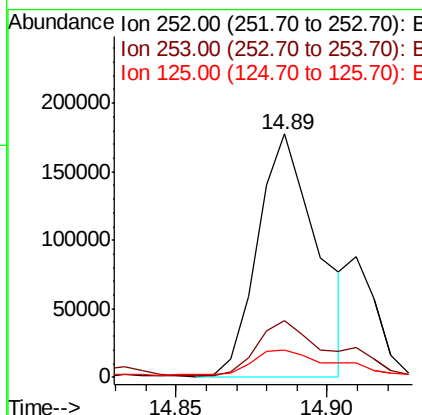
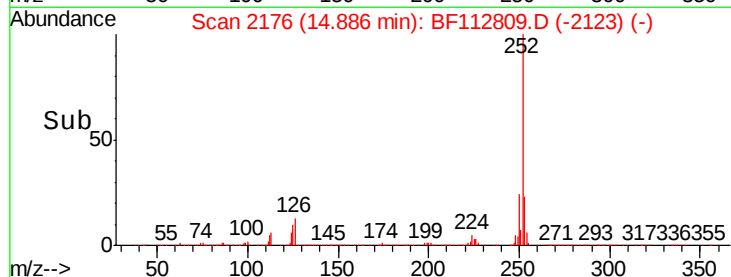
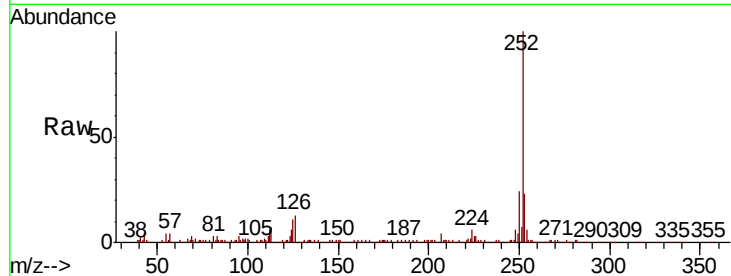
#88
Benzo(b)fluoranthene
Concen: 10.264 ng m
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Instrument :
BNA_F
ClientSampleId :
Z-3-1-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	11.3	10.2	15.2

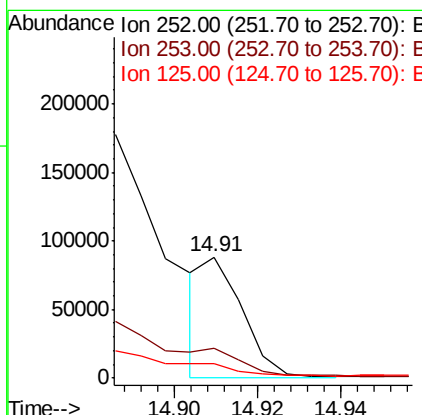
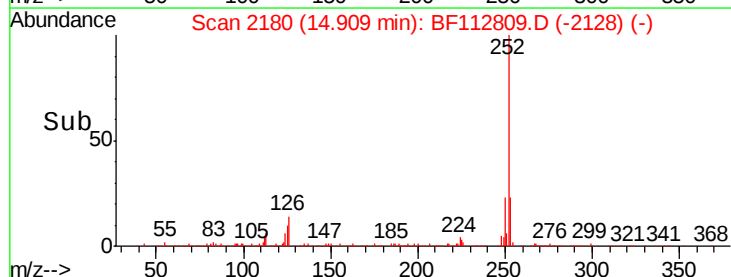
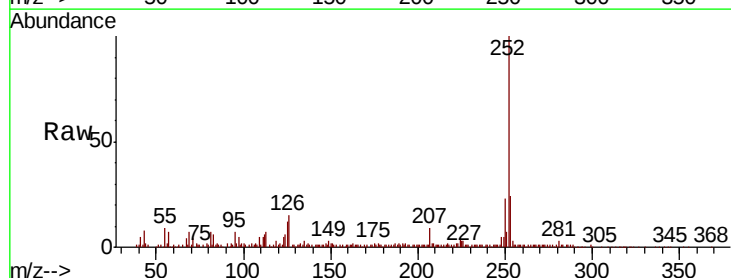
Manual Integrations
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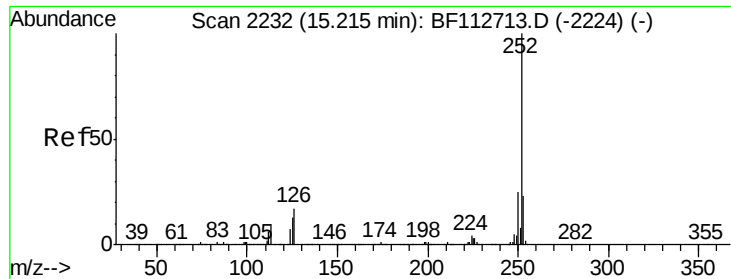
Sohil
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#89
Benzo(k)fluoranthene
Concen: 2.763 ng m
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	11.7	9.8	14.6





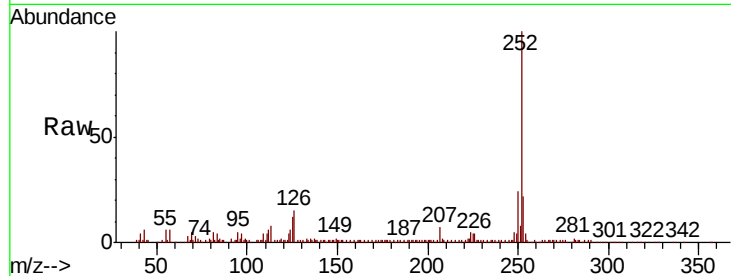
#90
Benzo(a)pyrene
Concen: 6.372 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Instrument :
BNA_F
ClientSampleId :
Z-3-1-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	12.4	10.7	16.1

Manual Integrations
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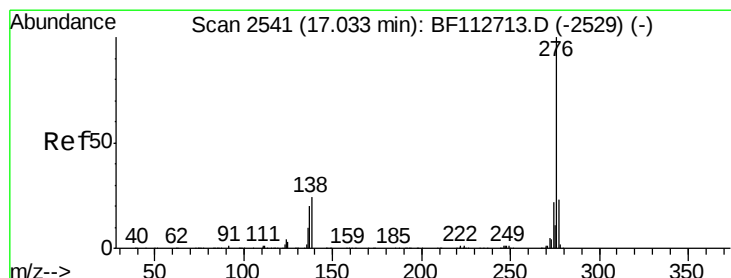
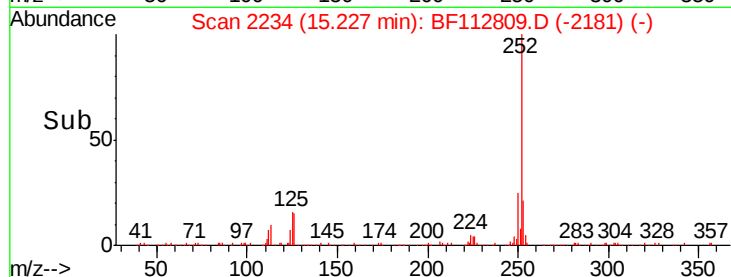
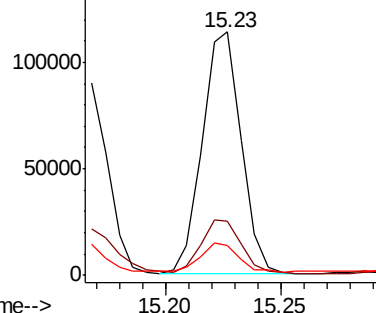


Abundance

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: 3.818 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF112809.D
Acq: 1 Mar 2019 19:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	27.8
138	21.4	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

