

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
 Data File : BF112759.D
 Acq On : 28 Feb 2019 13:48
 Operator : JU/SJ
 Sample : K1647-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 44766

Manual Integrations
 APPROVED

Sohil
 3/1/2019 2:59:58 PM

Quant Time: Mar 01 05:56:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	120240	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	443705	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	184435	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	316238	20.00	ng	0.00
76) Chrysene-d12	13.88	240	251740	20.00	ng	0.00
87) Perylene-d12	15.29	264	176621	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	688883	89.12	ng	0.00
7) Phenol-d6	6.37	99	889060	91.56	ng	0.00
23) Nitrobenzene-d5	7.30	82	499323	67.34	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	187368	95.69	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	883842	81.73	ng	0.00
79) Terphenyl-d14	12.83	244	767385	59.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	59446	4.371	ng	99
75) Fluoranthene	12.46	202	61826	3.668	ng	97
78) Pyrene	12.69	202	57844	2.726	ng	95
88) Benzo(b)fluoranthene	14.89	252	30722m	2.689	ng	

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

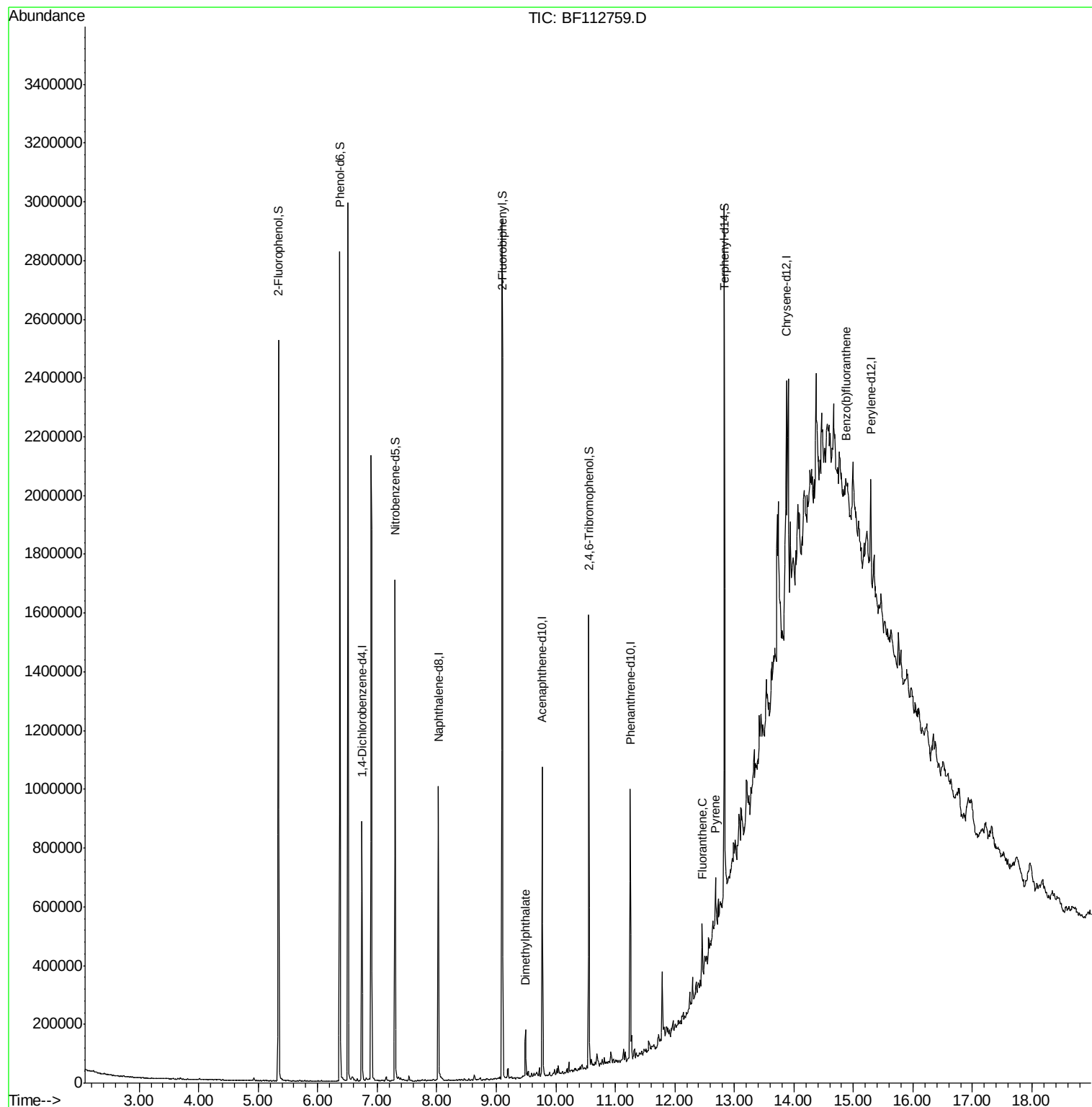
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112759.D
Acq On : 28 Feb 2019 13:48
Operator : JU/SJ
Sample : K1647-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

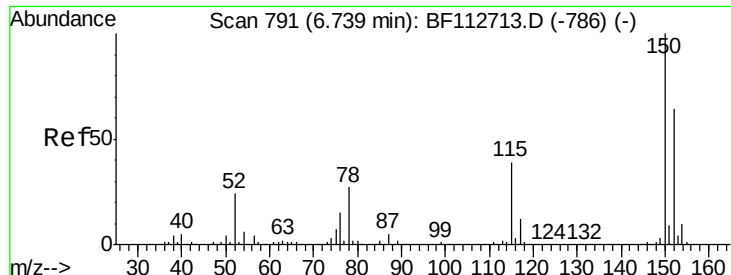
Instrument :
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44766

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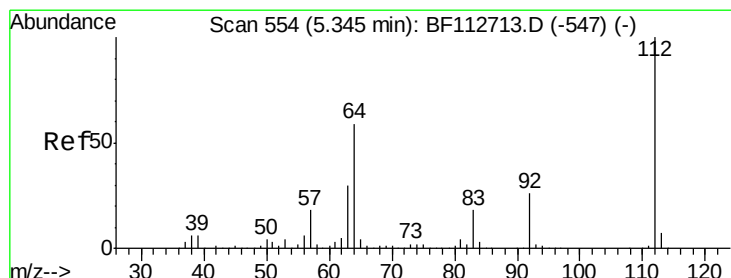
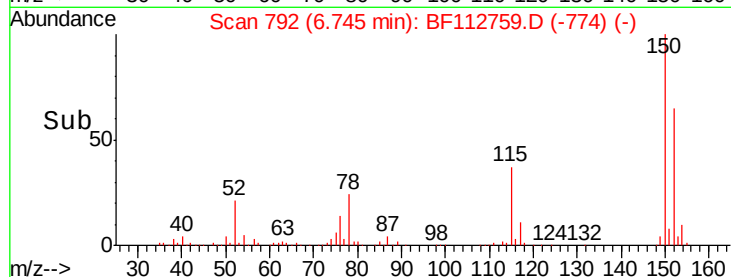
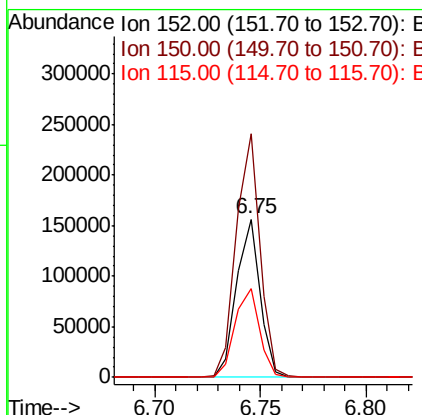
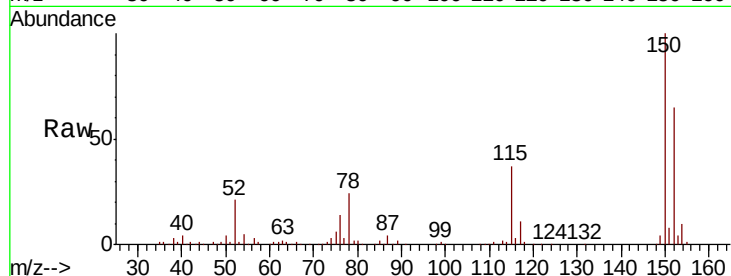
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :
 44766

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.2	186.2
115	56.2	48.2	72.4

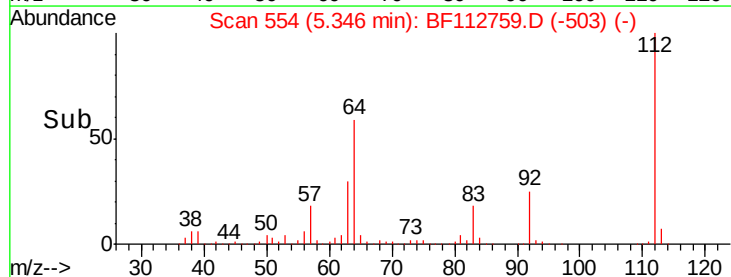
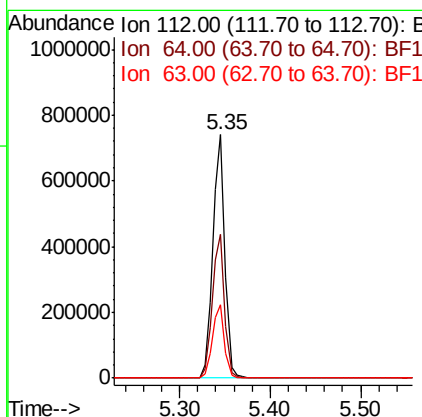
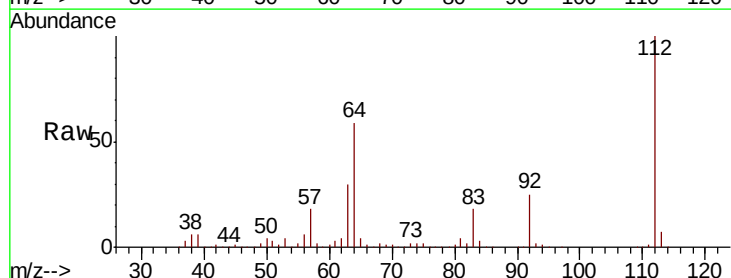
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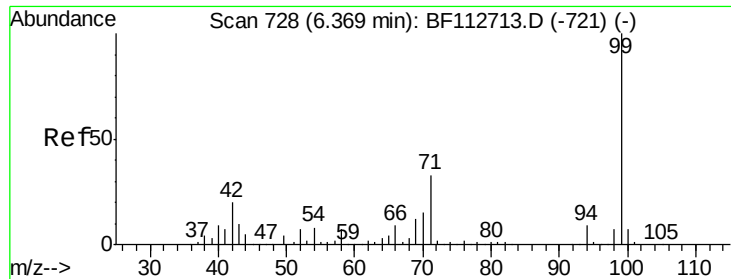
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#5
 2-Fluorophenol
 Concen: 89.121 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.6	71.4
63	30.0	24.4	36.6





#7

Phenol-d6

Concen: 91.563 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

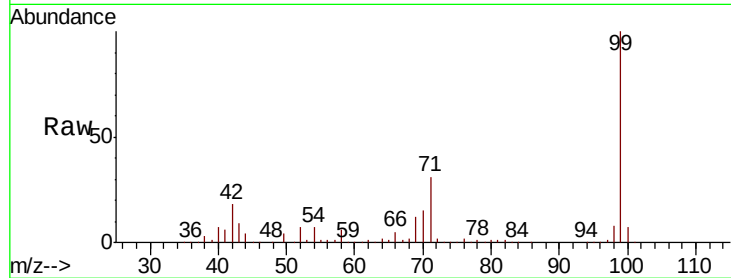
ClientSampled :

44766

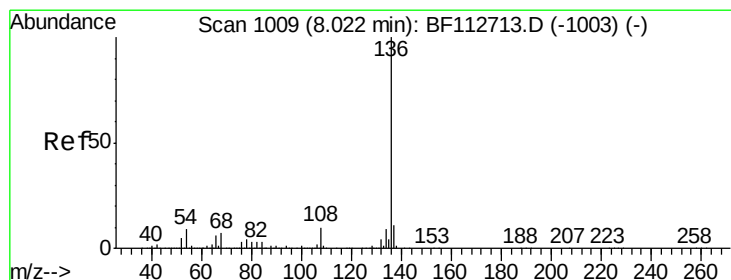
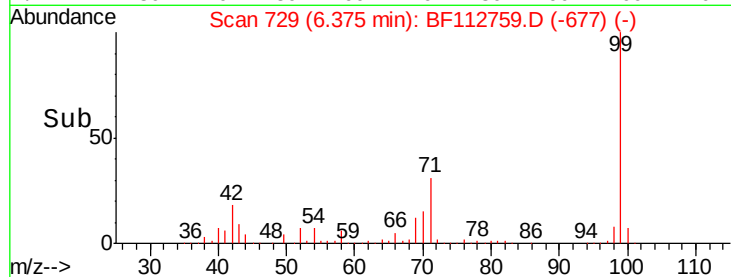
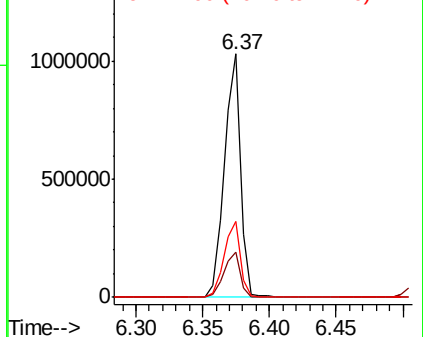
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		889060		
42	18.5	16.3	24.5		
71	31.0	26.2	39.4		

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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: 8.03 min Scan# 1010

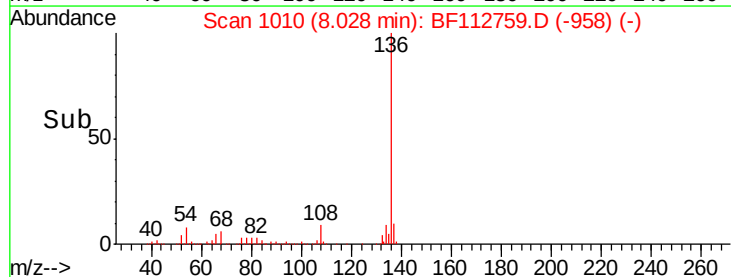
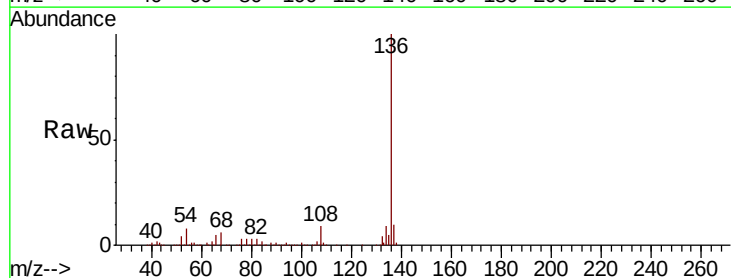
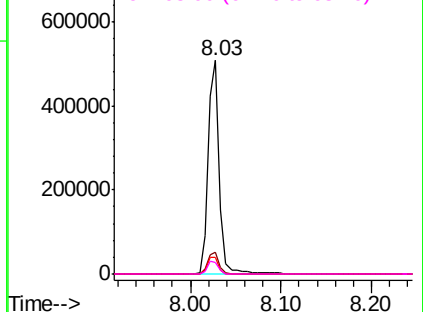
Delta R.T. 0.01 min

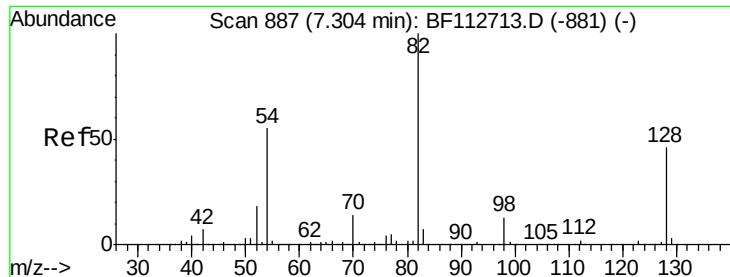
Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		443705		
137	10.4	8.9	13.3		
54	7.7	7.3	10.9		
68	5.7	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





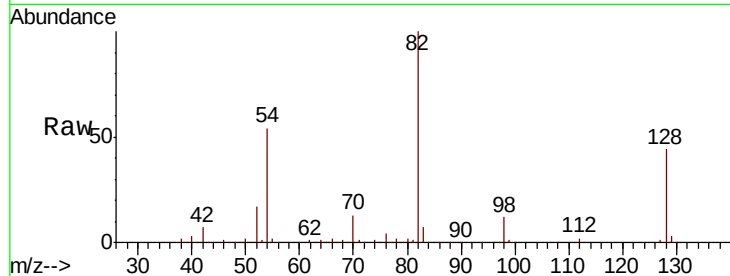
#23
 Nitrobenzene-d5
 Concen: 67.339 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

Instrument :
 BNA_F
 ClientSampled :
 44766

Tot Ion	Ratio	Resp	Lower	Upper
82	100	499323		
128	44.3	36.3	54.5	
54	53.9	43.7	65.5	

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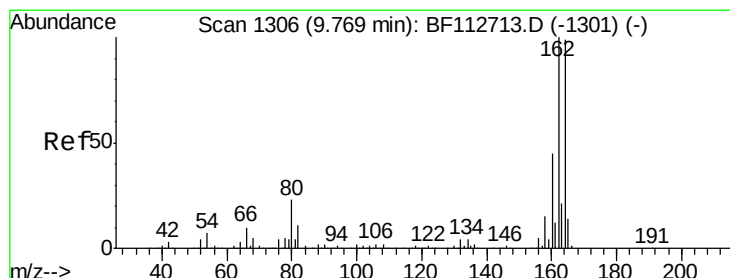
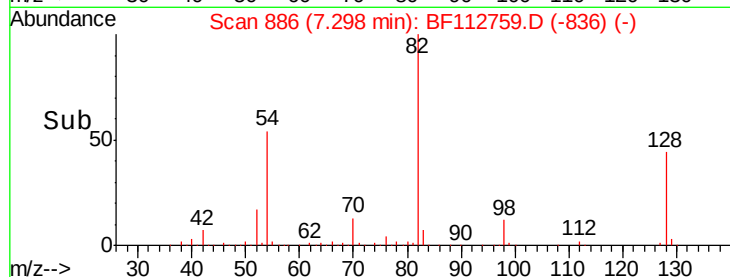
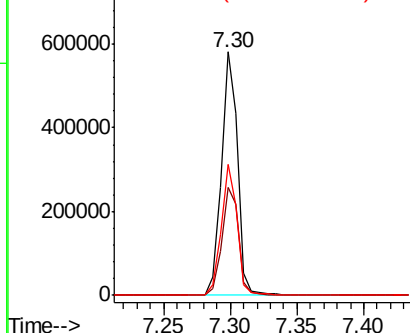


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112759.D
 Acq: 28 Feb 2019 13:48

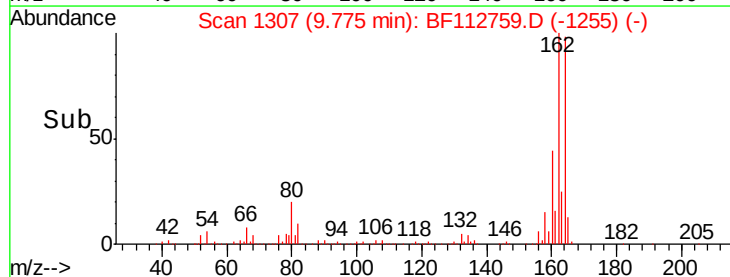
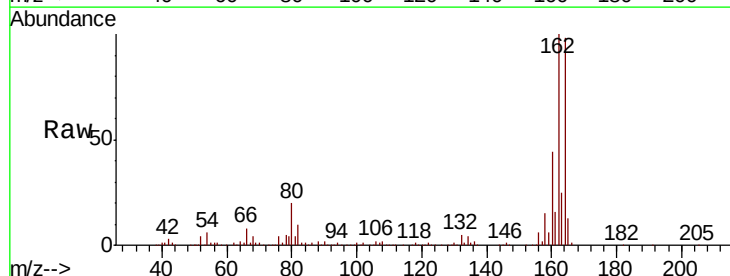
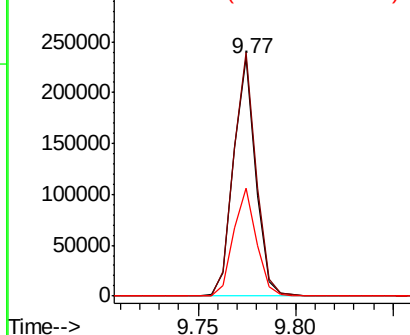
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	184435		
162	102.2	80.6	120.8	
160	45.4	36.0	54.0	

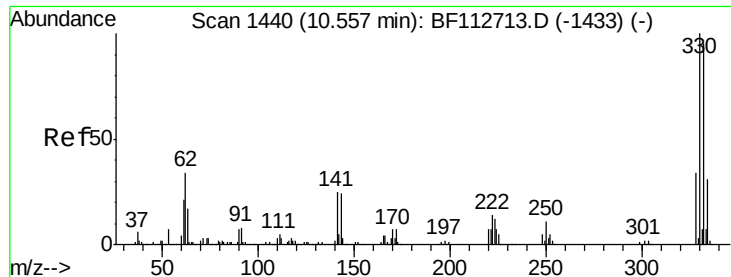
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 95.693 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

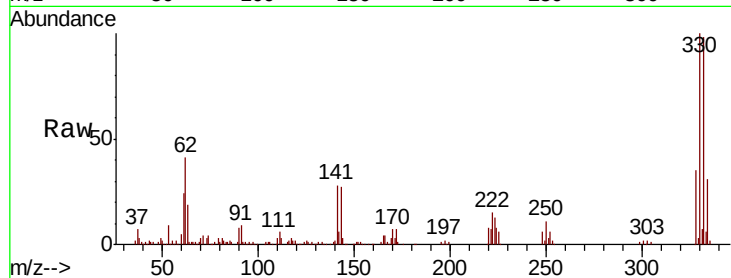
ClientSampleId :

44766

Tot Ion:	330	Resp:	187368
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.2	114.4
141	31.0	27.0	40.6

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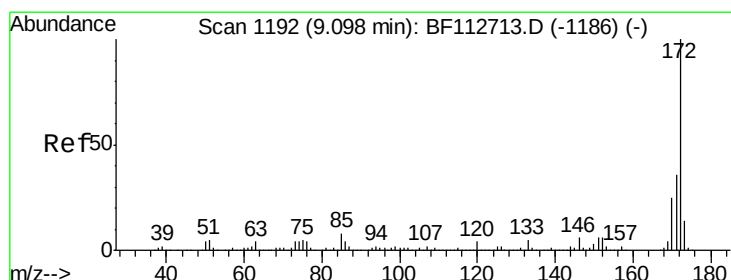
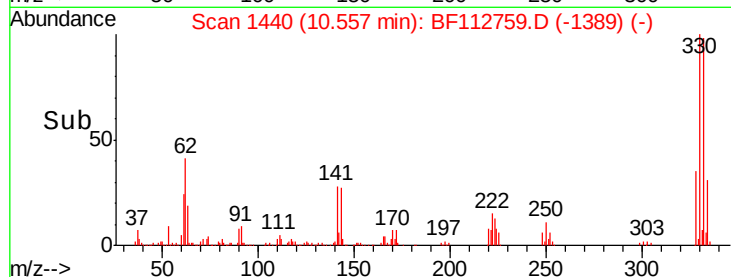
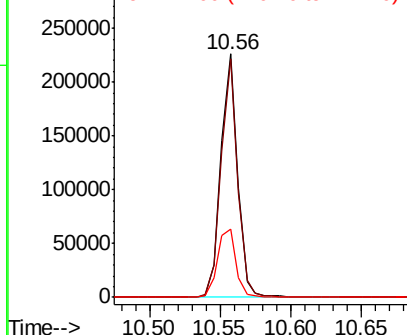


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 81.733 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

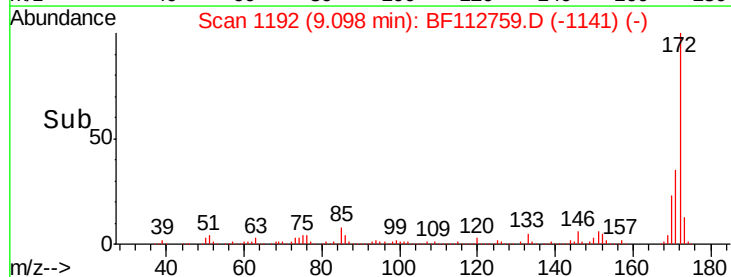
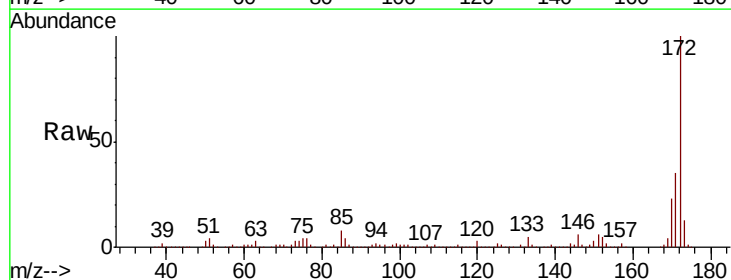
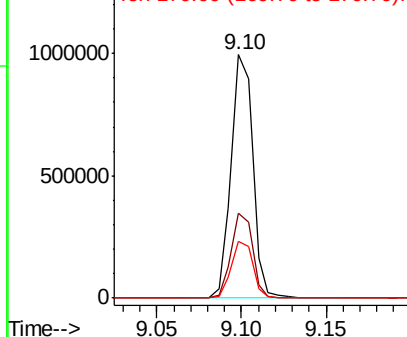
Tgt Ion:	172	Resp:	883842
Ion Ratio	Lower	Upper	
172	100		
171	34.8	29.0	43.4
170	23.4	20.0	30.0

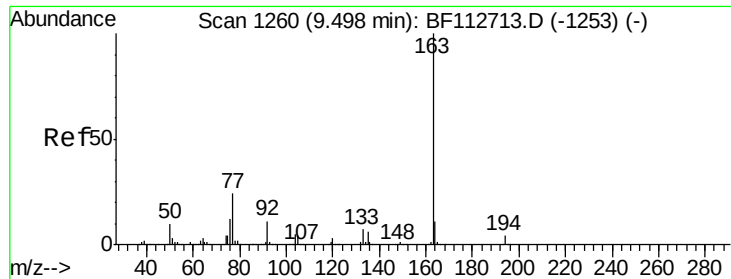
Abundance

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





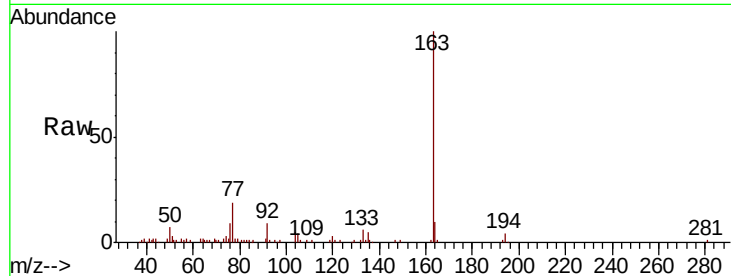
#50
Dimethylphthalate
Concen: 4.371 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Instrument :
BNA_F
ClientSampled :
44766

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		59446		
194	4.1		3.0	4.4	
164	10.3		8.4	12.6	

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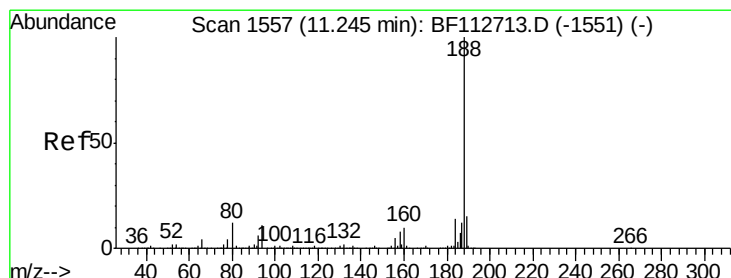
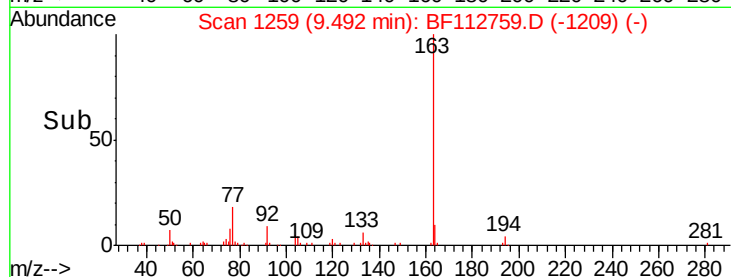
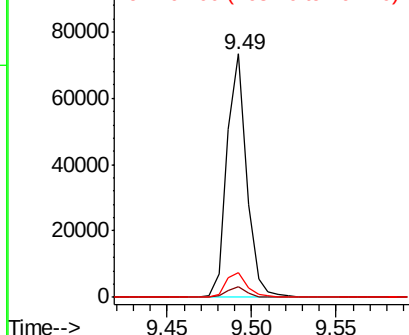


Abundance

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: BF112759.D
Acq: 28 Feb 2019 13:48

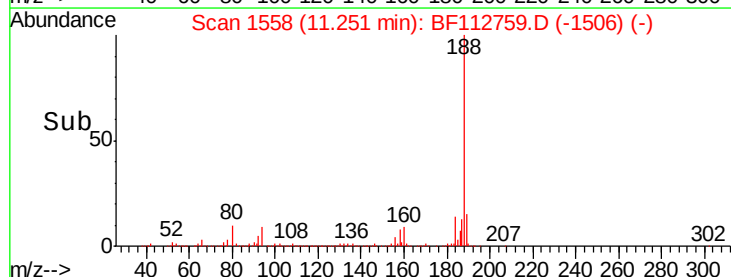
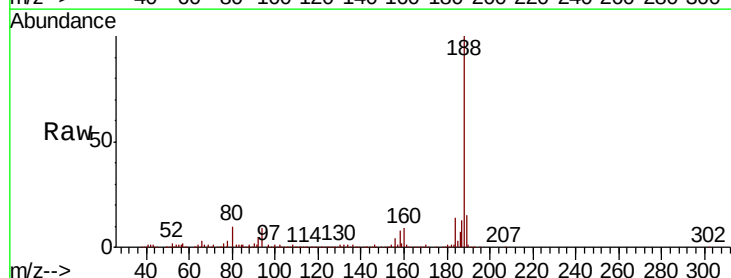
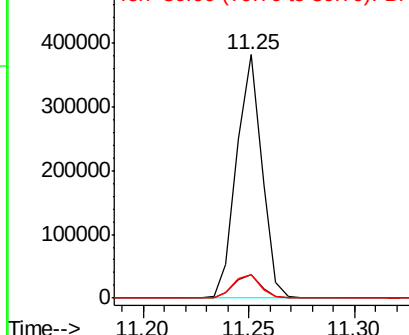
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		316238		
94	9.5		9.0	13.4	
80	9.7		9.2	13.8	

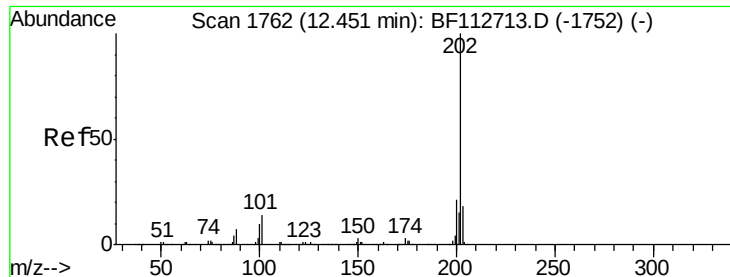
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 3.668 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

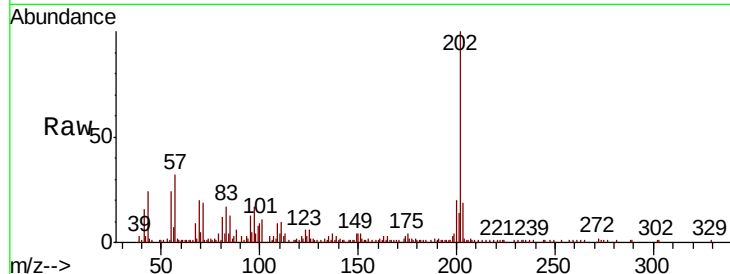
ClientSampled :

44766

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	0.0	33.8
203	19.0	0.0	38.4

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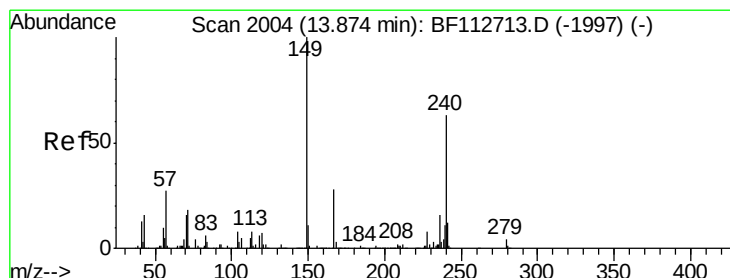
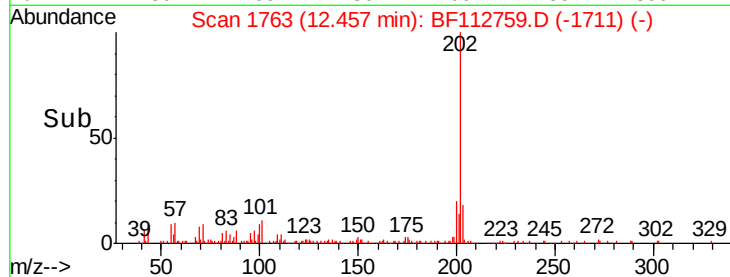
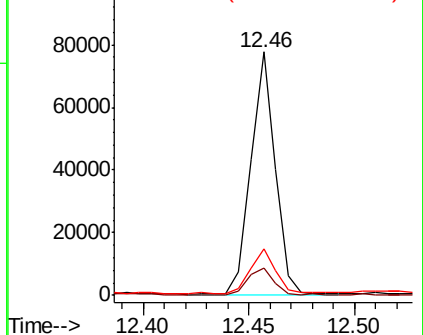


Abundance

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

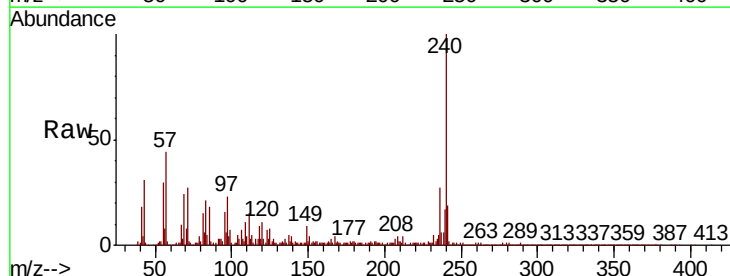
RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	8.9	13.3
236	27.5	20.7	31.1

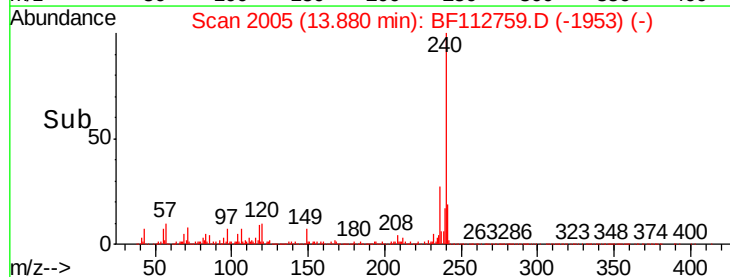
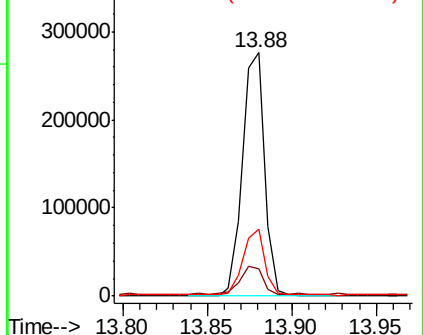


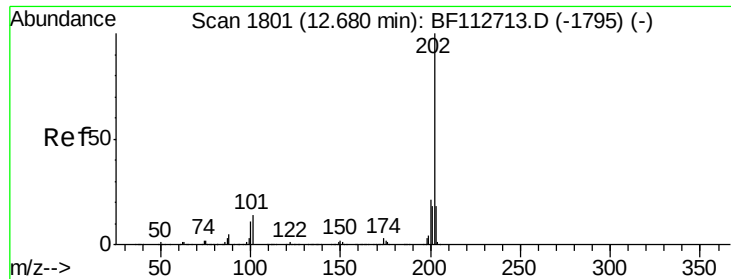
Abundance

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





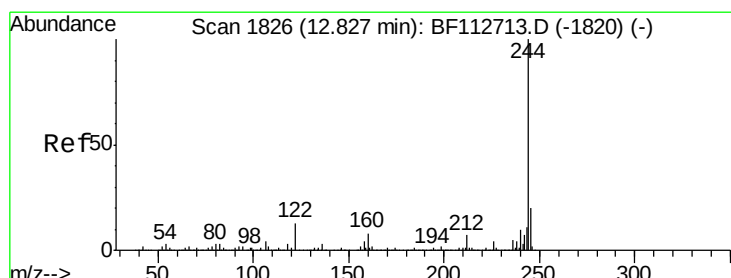
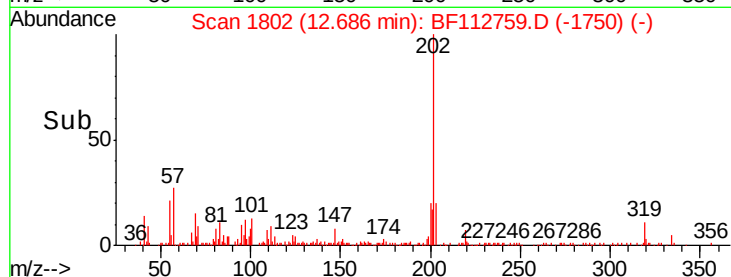
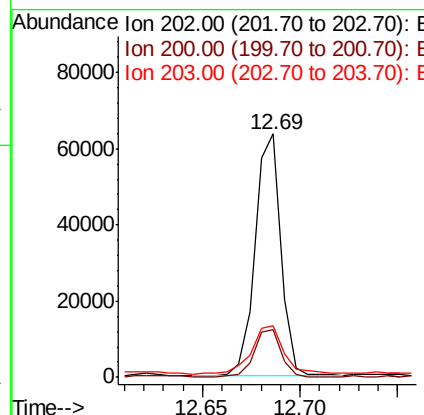
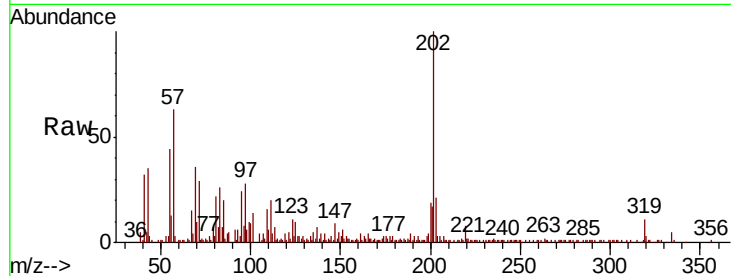
#78
Pvrene
Concen: 2.726 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Instrument :
BNA_F
ClientSampleId :
44766

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.0	25.4
203	21.0	14.4	21.6

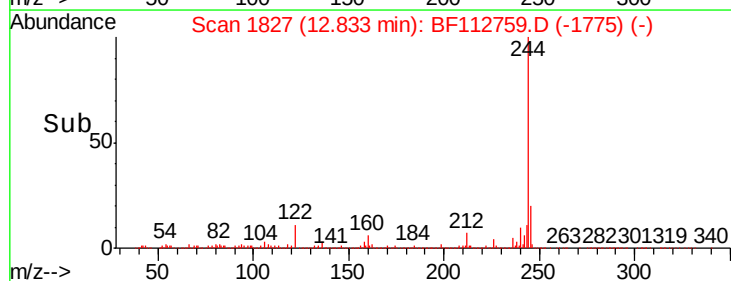
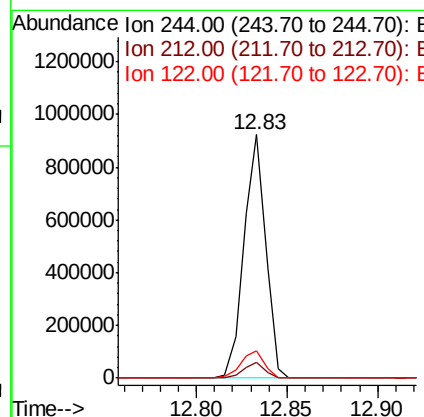
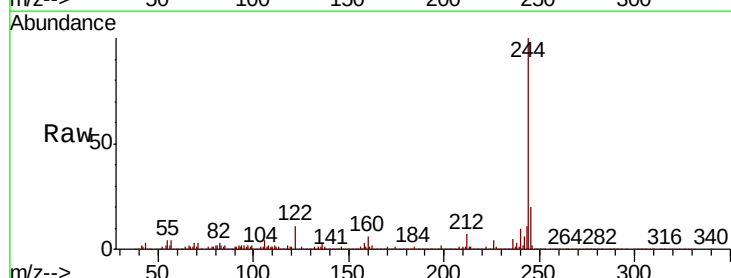
Manual Integrations
APPROVED

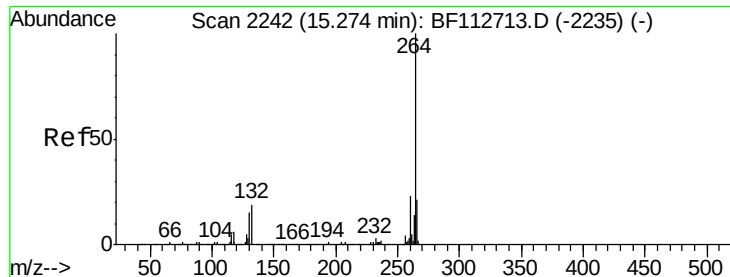
Sohil
3/1/2019 2:59:58 PM



#79
Terphenyl-d14
Concen: 59.092 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112759.D
Acq: 28 Feb 2019 13:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.2	10.5	15.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.02 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Instrument :

BNA_F

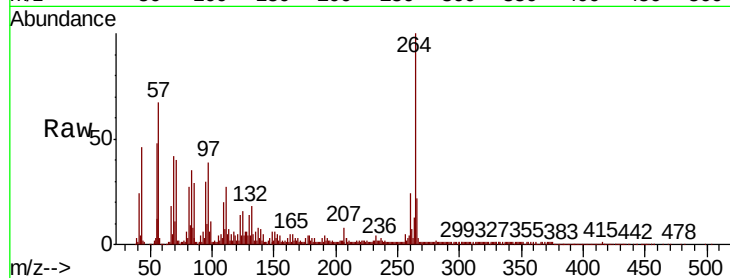
ClientSampleId :

44766

Tot Ion:	264	Resp:	176621
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.7	28.1
265	21.7	17.2	25.8

Manual Integrations
APPROVED

Sohil
3/1/2019 2:59:58 PM

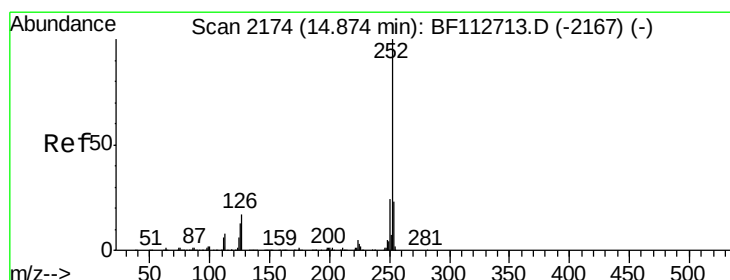
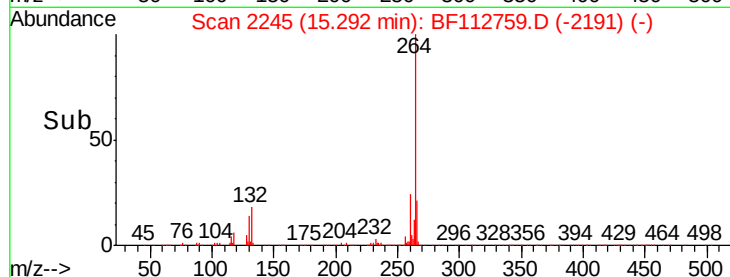
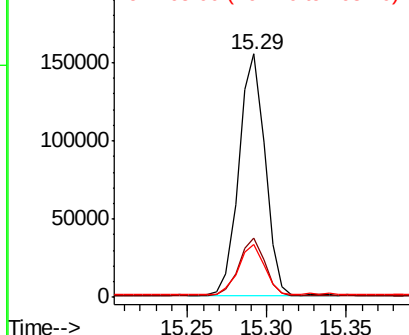


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 2.689 ng m

RT: 14.89 min Scan# 2177

Delta R.T. 0.02 min

Lab File: BF112759.D

Acq: 28 Feb 2019 13:48

Tgt Ion:	252	Resp:	30722
Ion Ratio	Lower	Upper	
252	100		
253	32.2	18.0	27.0#
125	139.3	10.2	15.2#

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

