

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
 Data File : BF113063.D
 Acq On : 15 Mar 2019 14:03
 Operator : JU/SJ
 Sample : K1922-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ORG-031419

Manual Integrations
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Quant Time: Mar 15 23:10:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	170089	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	632750	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	318455	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	667548	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	524340	20.00	ng	0.00
87) Perylene-d12	15.27	264	521371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1171712	107.16	ng	0.00
7) Phenol-d6	6.37	99	1524783	111.01	ng	0.00
23) Nitrobenzene-d5	7.29	82	921006	87.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	493832	146.07	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1558557	79.78	ng	0.00
79) Terphenyl-d14	12.82	244	1798893	66.51	ng	0.00
Target Compounds						
10) Phenol	6.39	94	49833	3.109	ng	91
50) Dimethylphthalate	9.47	163	121252	5.164	ng	99
75) Fluoranthene	12.44	202	124164	3.489	ng	97
78) Pyrene	12.67	202	110555	2.501	ng	97
88) Benzo(b)fluoranthene	14.87	252	92037m	2.729	ng	
90) Benzo(a)pyrene	15.21	252	65945	2.211	ng	99

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

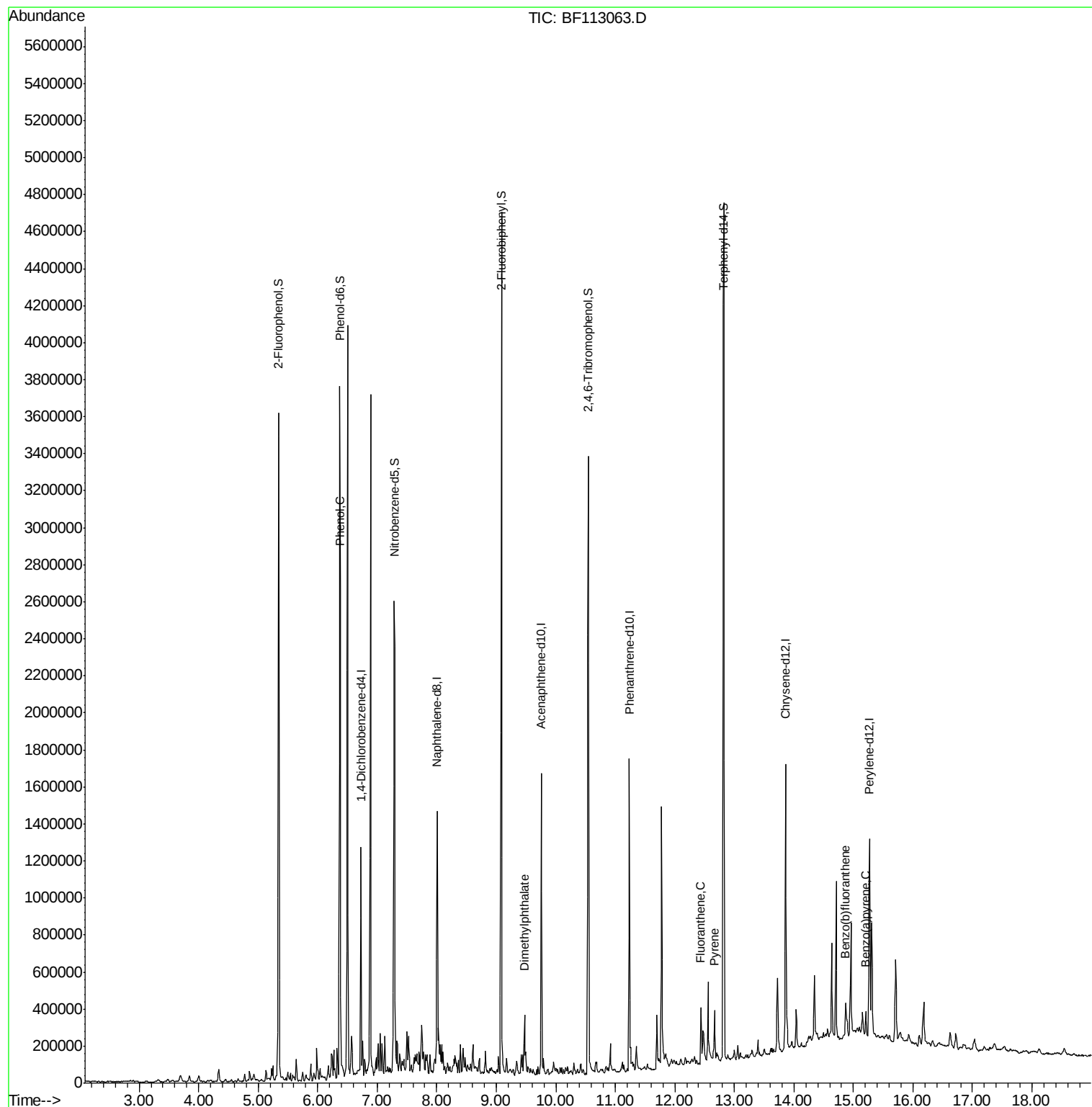
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113063.D
Acq On : 15 Mar 2019 14:03
Operator : JU/SJ
Sample : K1922-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

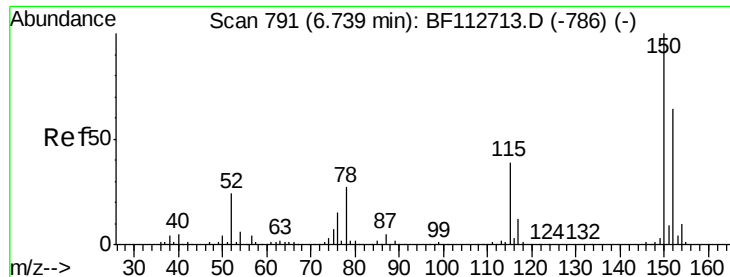
Instrument :
BNA_F
ClientSampleId :
ORG-031419

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Quant Time: Mar 15 23:10:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration





#1

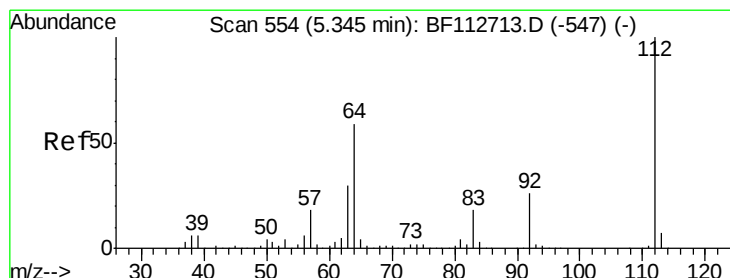
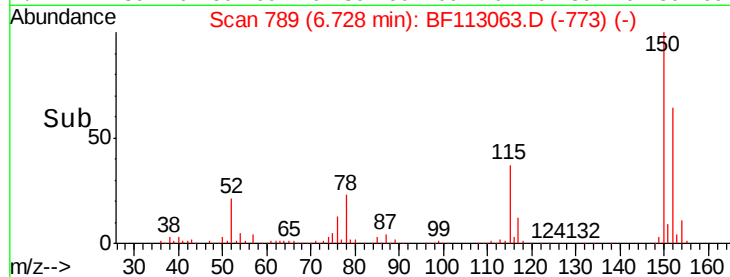
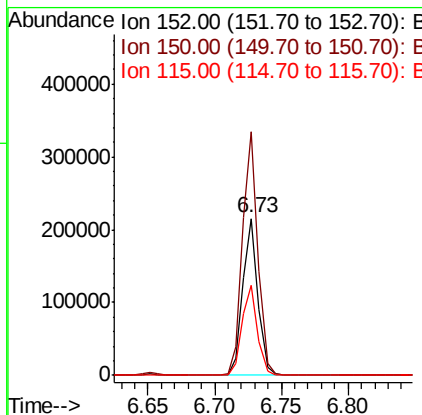
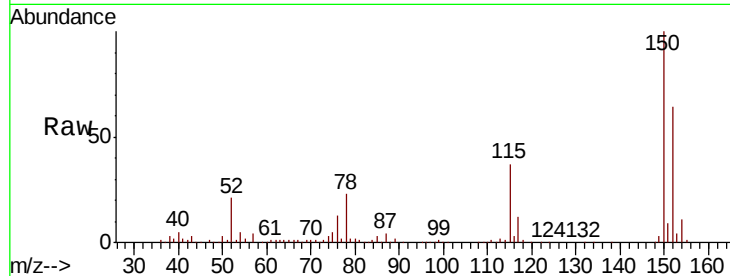
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.2	186.2
115	57.2	48.2	72.4

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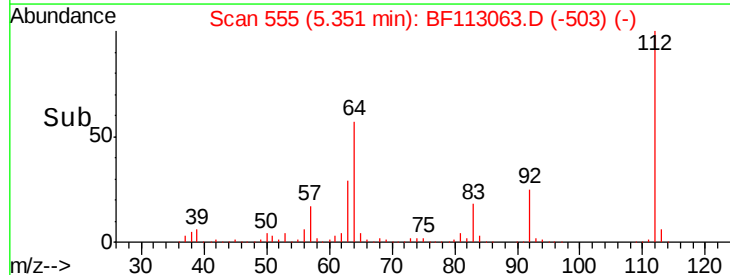
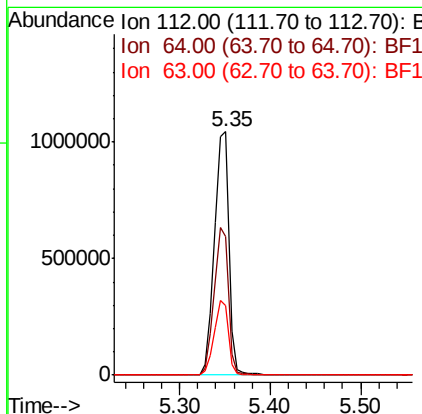
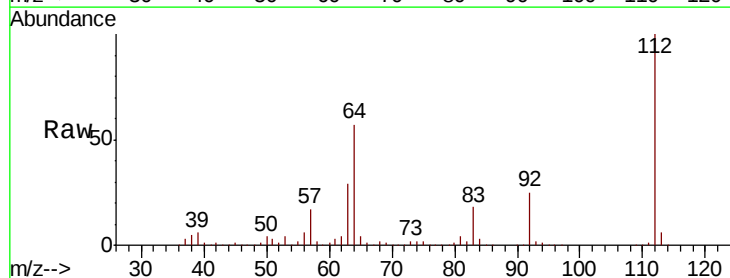
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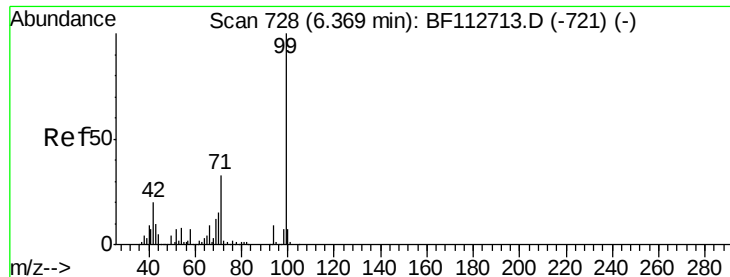


#5

2-Fluorophenol
Concen: 107.159 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.6	71.4
63	28.8	24.4	36.6





#7

Phenol-d6

Concen: 111.011 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113063.D

Acq: 15 Mar 2019 14:03

Instrument :

BNA_F

ClientSampleId :

ORG-031419

Tot Ion: 99 Resp: 1524783

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

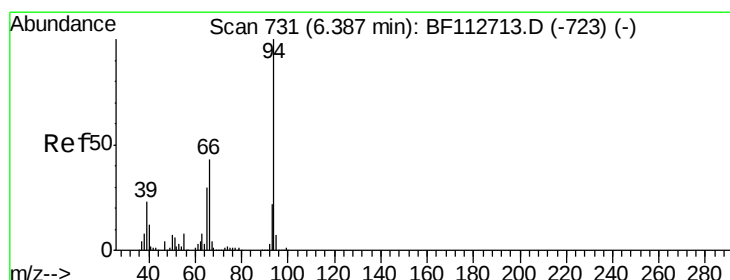
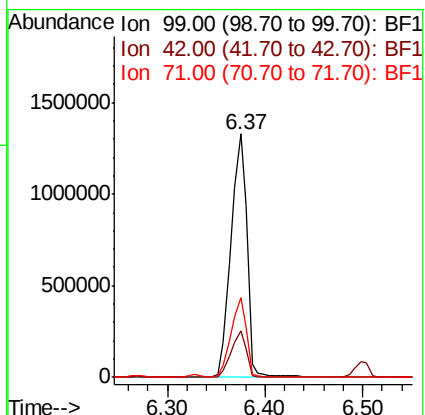
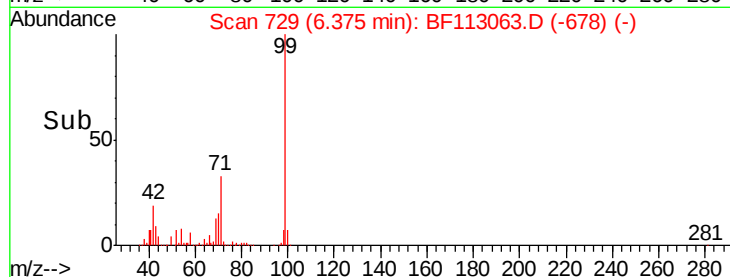
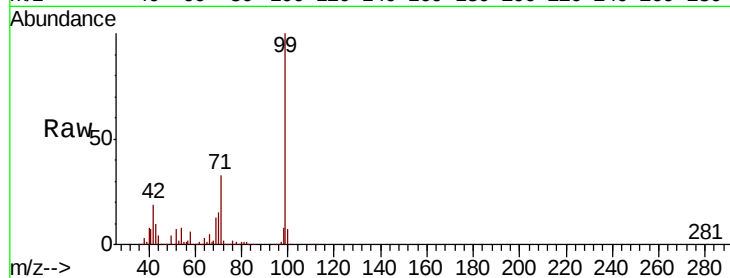
71 33.0 26.2 39.4

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#10

Phenol

Concen: 3.109 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113063.D

Acq: 15 Mar 2019 14:03

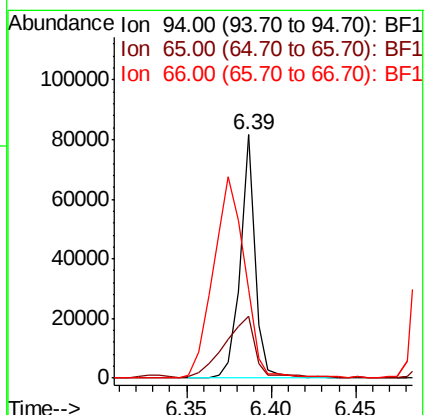
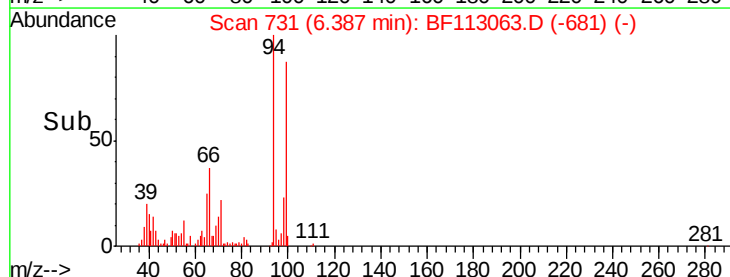
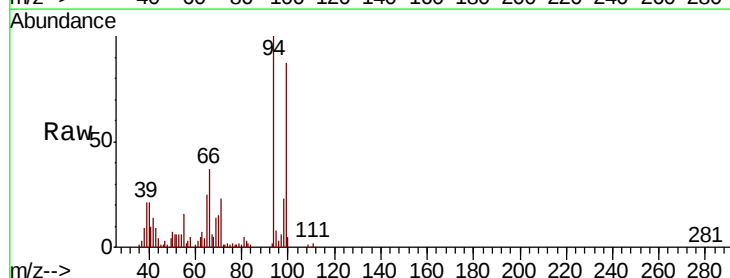
Tgt Ion: 94 Resp: 49833

Ion Ratio Lower Upper

94 100

65 25.5 10.5 50.5

66 36.6 22.6 62.6





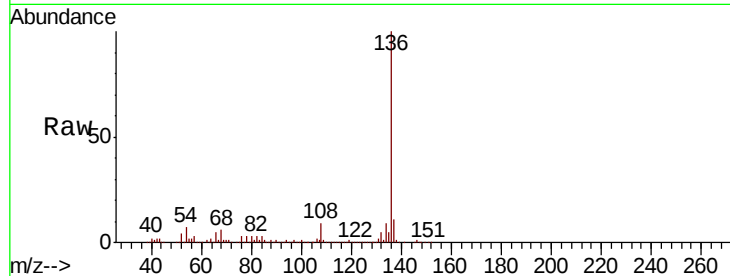
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

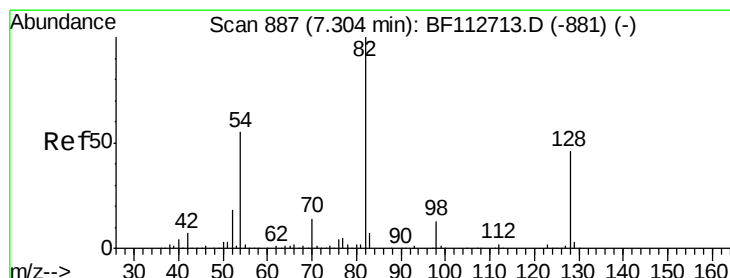
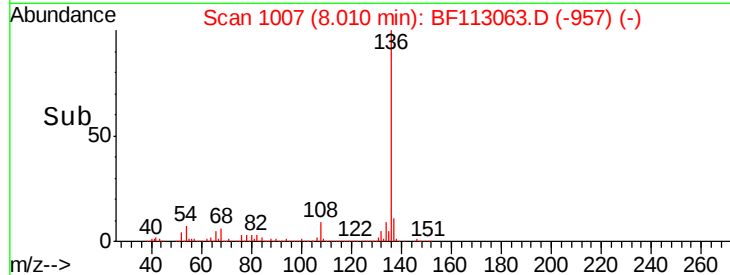
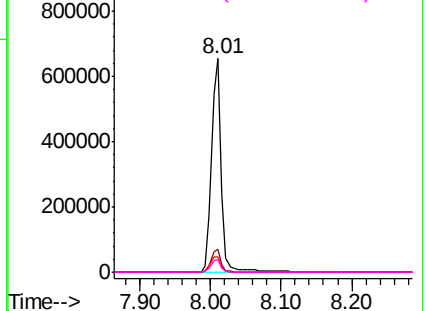
Tot Ion	Ratio	Resp	Lower	Upper
136	100	632750		
137	10.9		8.9	13.3
54	7.5		7.3	10.9
68	5.9		5.4	8.2

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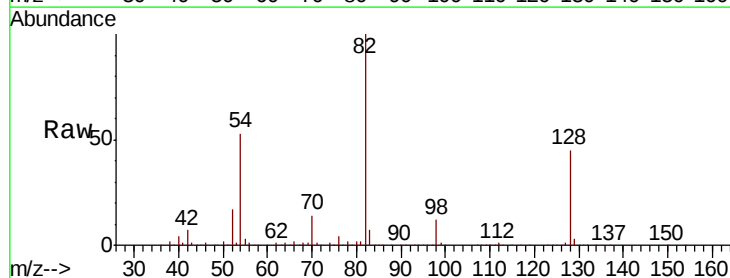


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

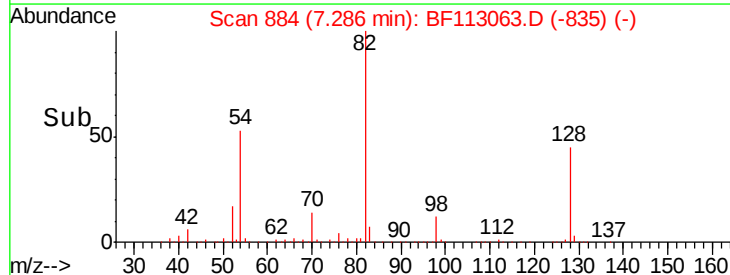
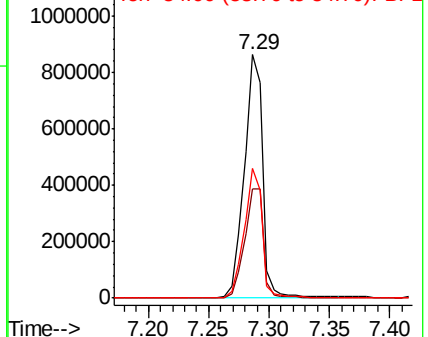


#23
Nitrobenzene-d5
Concen: 87.098 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	921006		
128	45.1		36.3	54.5
54	53.4		43.7	65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





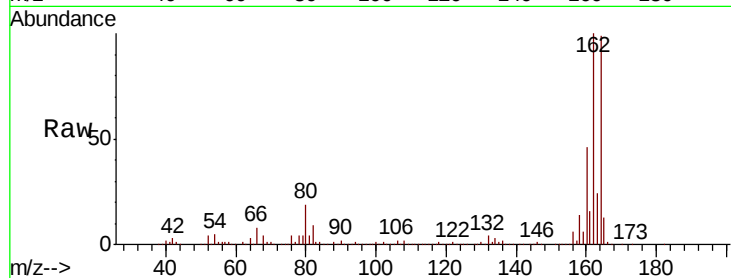
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleID :
ORG-031419

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	80.6	120.8	
160	46.1	36.0	54.0	

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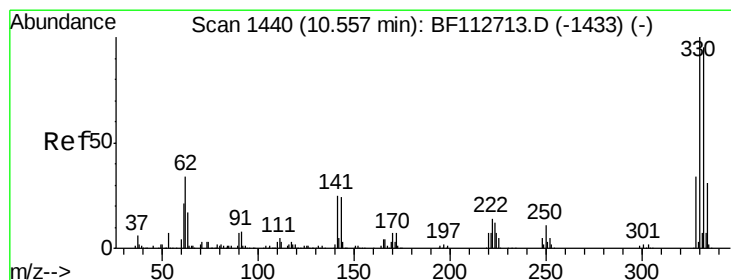
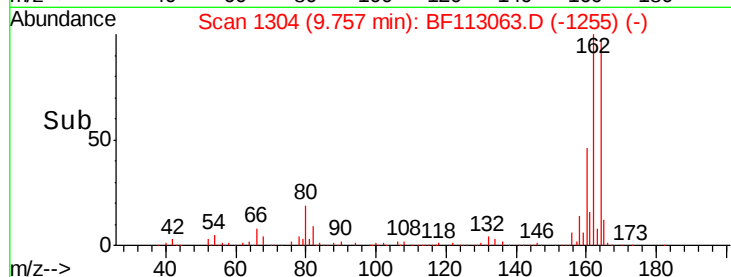
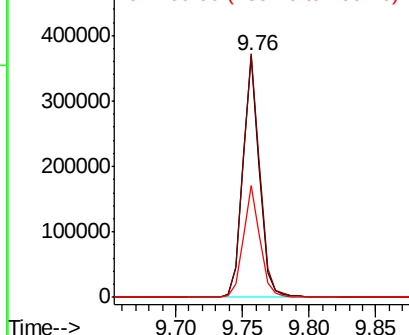


Abundance

Ion 164.00 (163.70 to 164.70): E

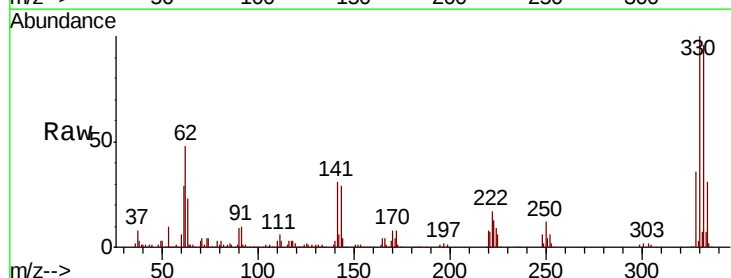
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 146.070 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	76.2	114.4	
141	28.2	27.0	40.6	

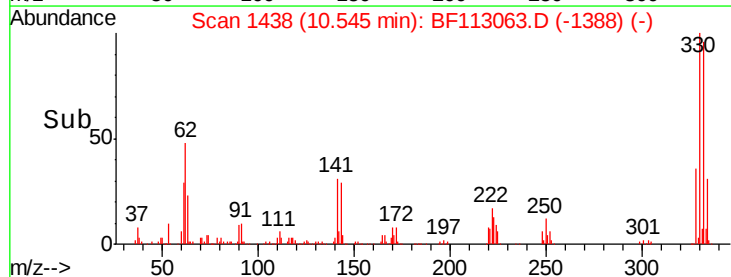
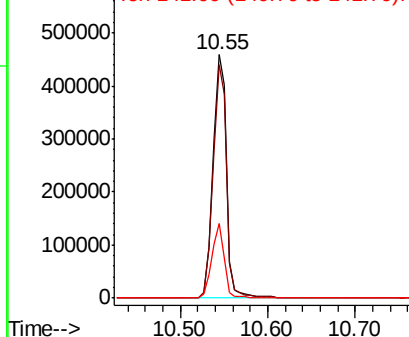


Abundance

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





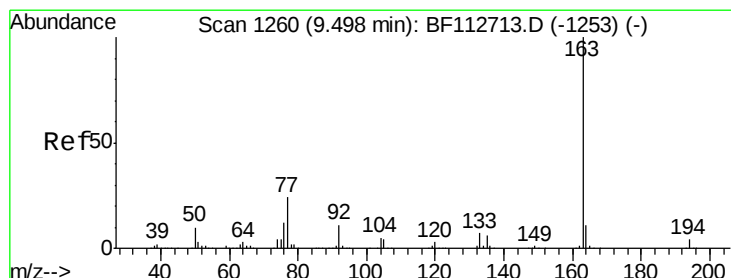
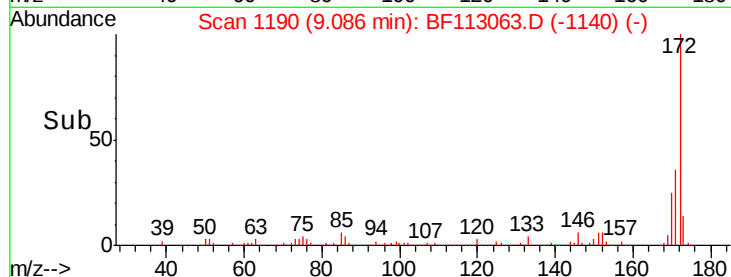
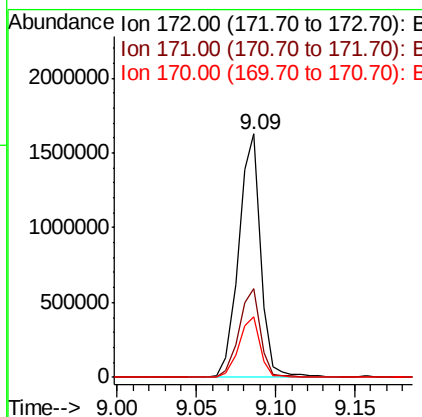
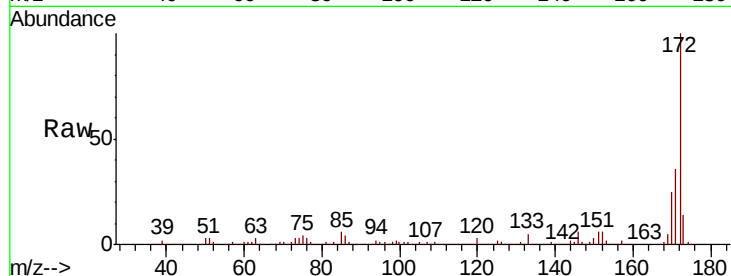
#45
2-Fluorobiphenyl
Concen: 79.782 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.9	20.0	30.0

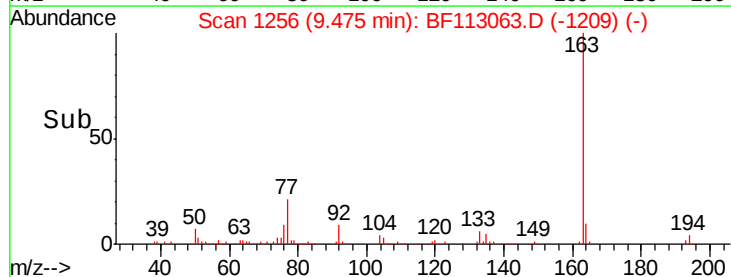
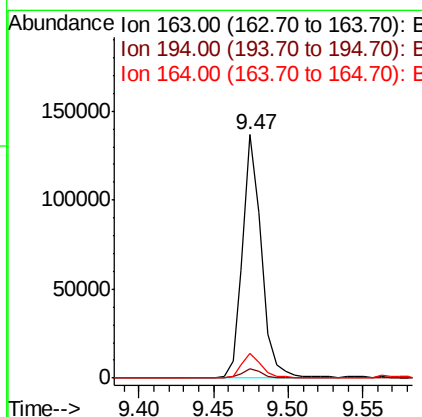
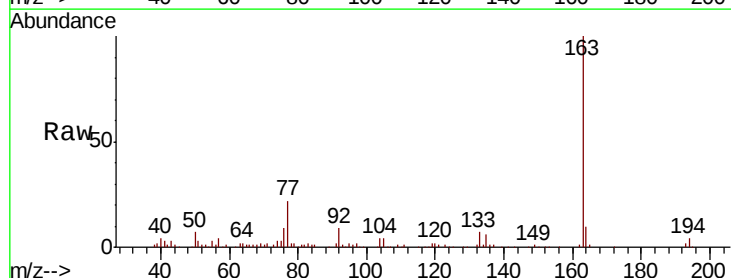
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#50
Dimethylphthalate
Concen: 5.164 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.3	8.4	12.6





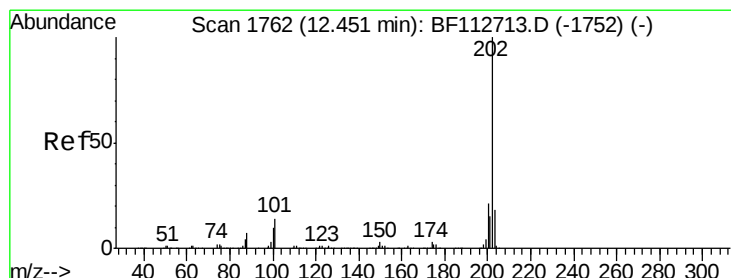
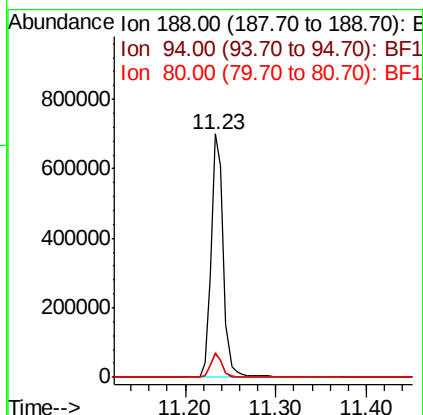
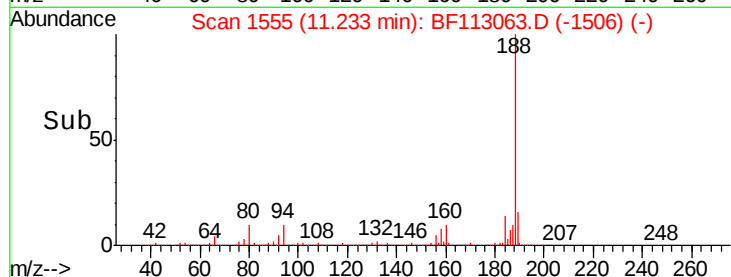
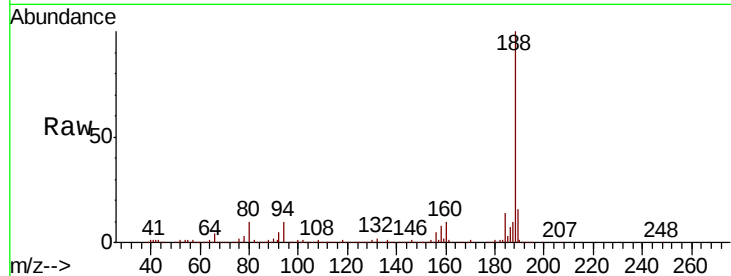
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	9.0	13.4
80	10.4	9.2	13.8

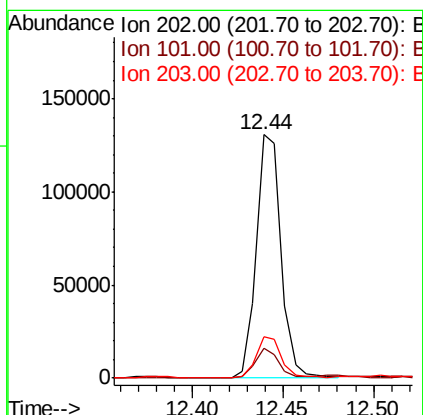
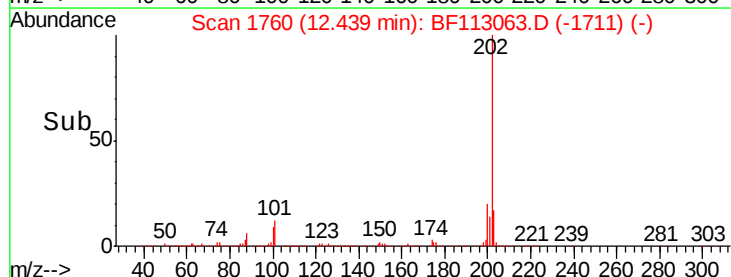
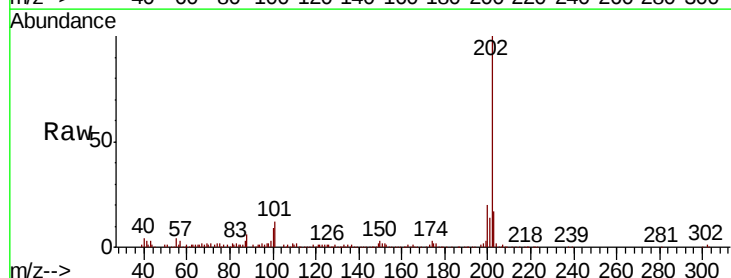
Manual Integrations
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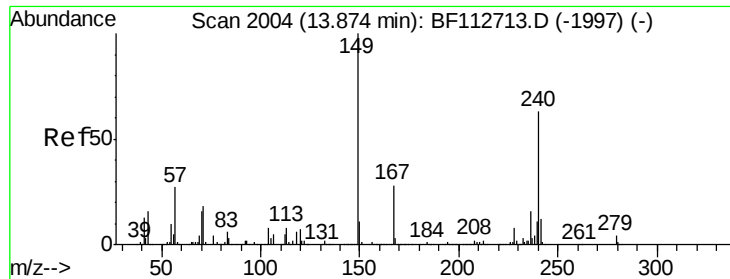
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#75
Fluoranthene
Concen: 3.489 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.5	0.0	33.8
203	17.1	0.0	38.4





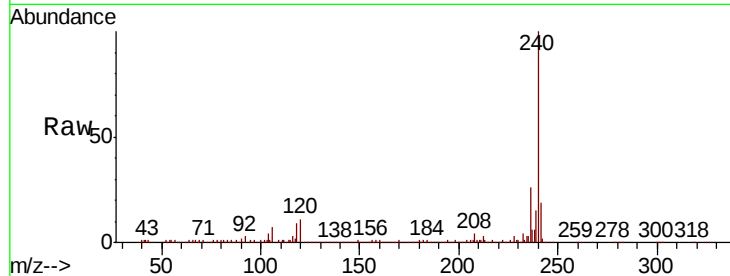
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113063.D
 Acq: 15 Mar 2019 14:03

Instrument :
 BNA_F
 ClientSampleId :
 ORG-031419

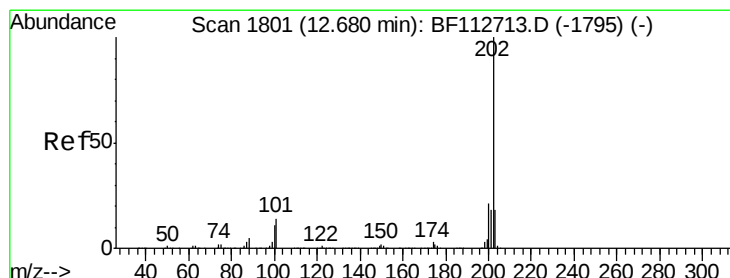
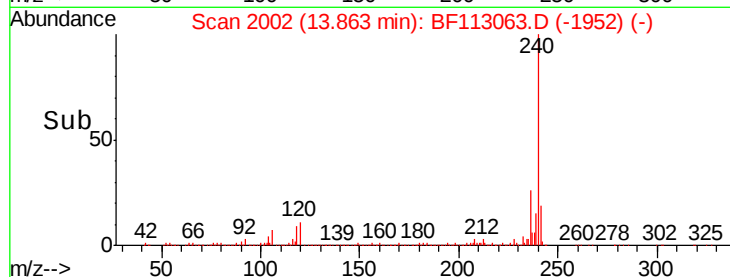
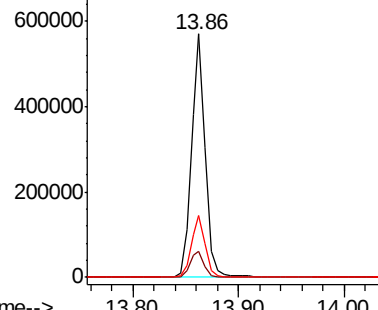
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.5	20.7	31.1

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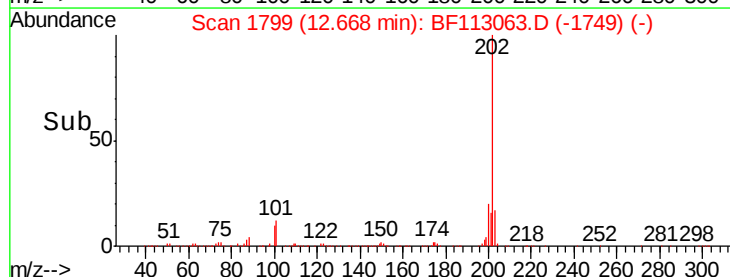
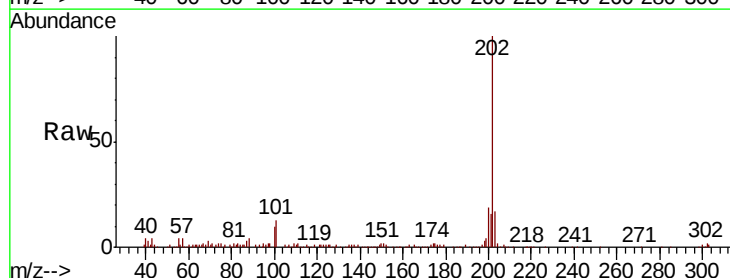
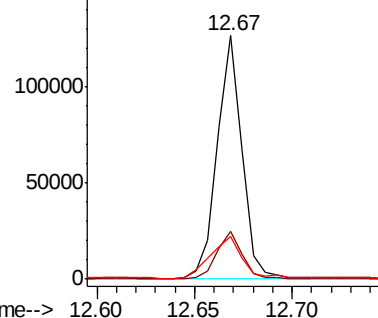
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

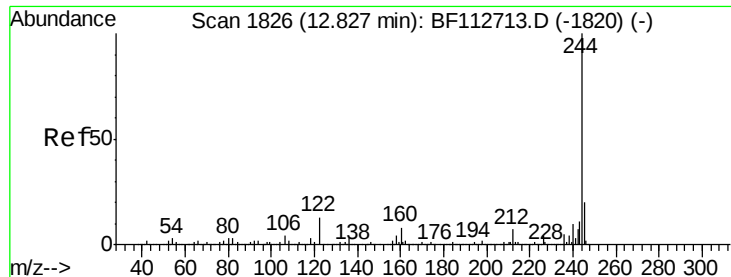


#78
 Pyrene
 Concen: 2.501 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF113063.D
 Acq: 15 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.0	25.4
203	17.4	14.4	21.6

Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





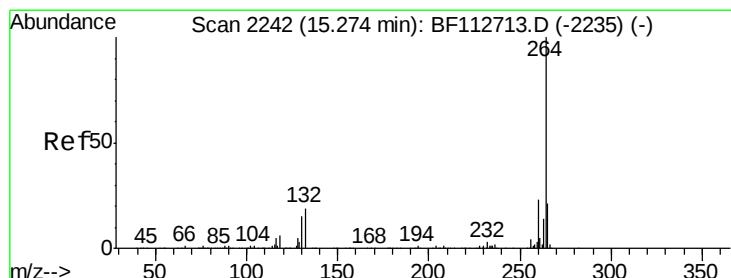
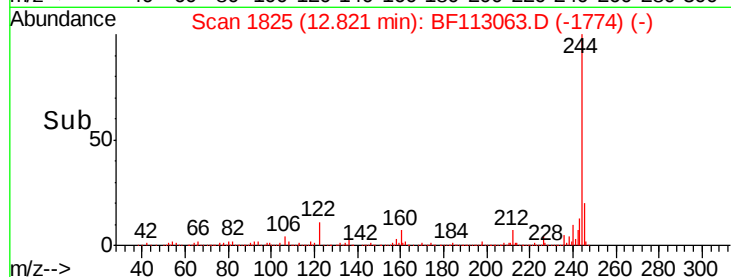
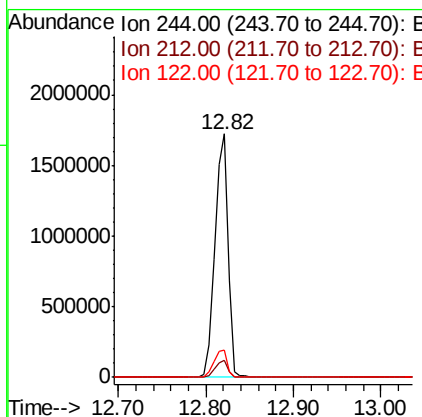
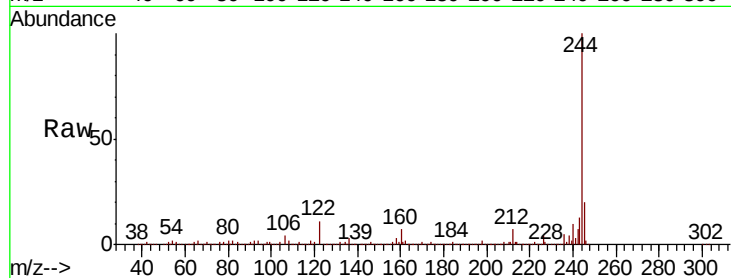
#79
 Terphenyl-d14
 Concen: 66.506 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF113063.D
 Acq: 15 Mar 2019 14:03

Instrument :
 BNA_F
 ClientSampleId :
 ORG-031419

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.0	10.5	15.7

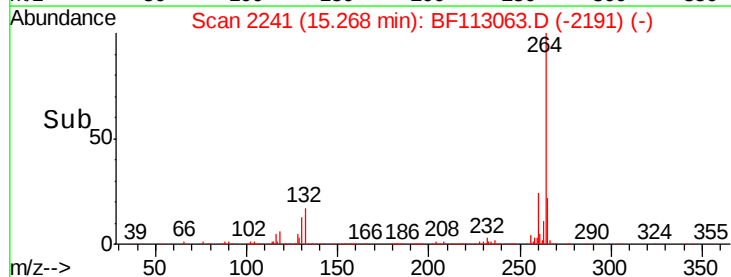
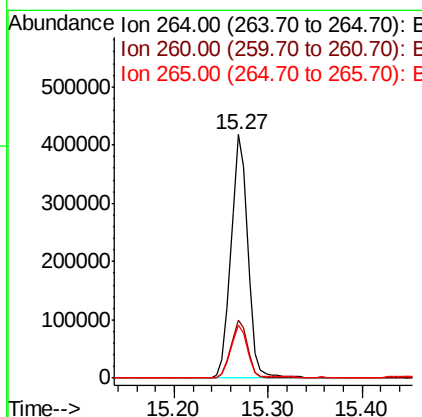
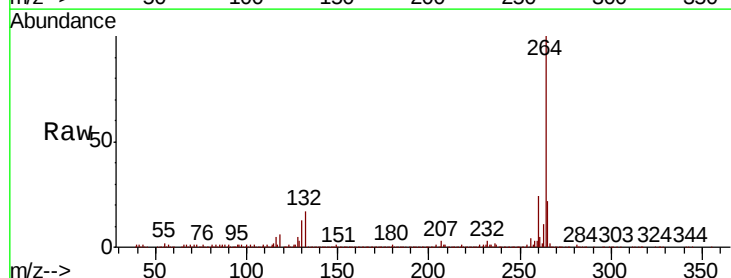
Manual Integrations
 APPROVED

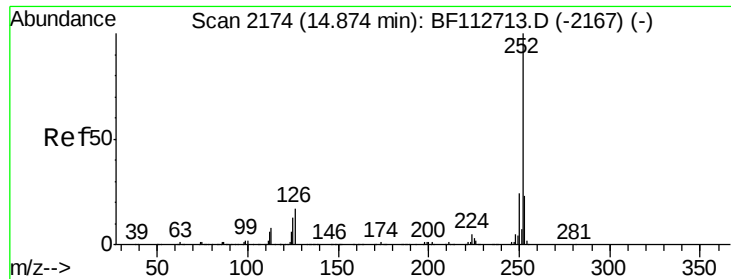
Sohil
 3/18/2019 2:59:28 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113063.D
 Acq: 15 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	17.2	25.8





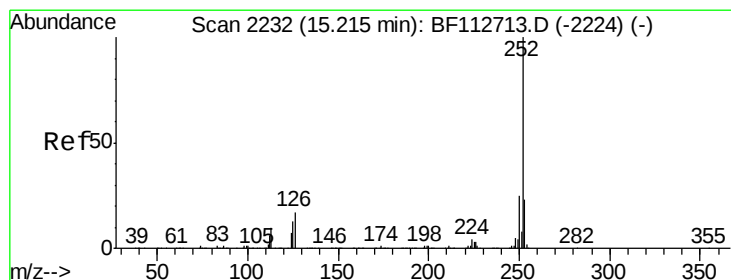
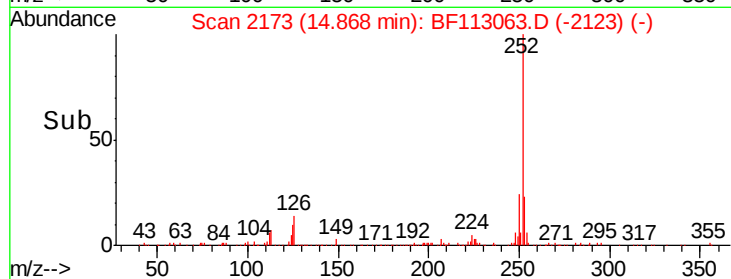
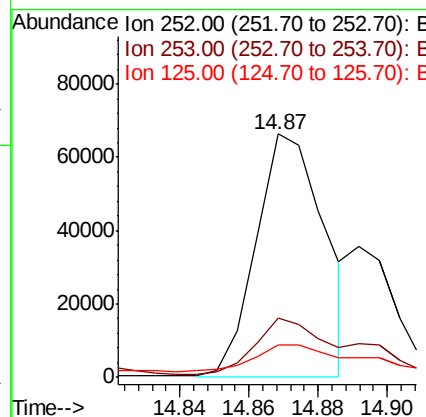
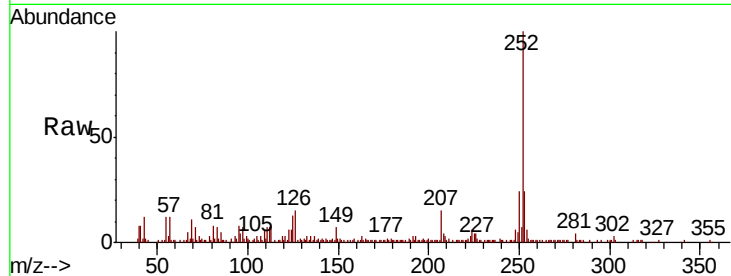
#88
Benzo(b)fluoranthene
Concen: 2.729 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Instrument :
BNA_F
ClientSampleId :
ORG-031419

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	13.1	10.2	15.2

Manual Integrations
APPROVED

Sohil
3/18/2019 2:59:28 PM



#90
Benzo(a)pyrene
Concen: 2.211 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113063.D
Acq: 15 Mar 2019 14:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	12.7	10.7	16.1

