

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
 Data File : BF113699.D
 Acq On : 10 Apr 2019 16:30
 Operator : JU/SJ
 Sample : K2199-07 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-040819-B

Manual Integrations
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Sohil
 4/11/2019 2:39:38 PM

Quant Time: Apr 11 02:27:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	114777	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	446283	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	210030	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	367603	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	326073	20.00	ng	-0.02
87) Perylene-d12	15.23	264	286404	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	301986	44.87	ng	0.00
7) Phenol-d6	6.33	99	424732	51.20	ng	-0.01
23) Nitrobenzene-d5	7.24	82	235813	30.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	98186	38.92	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	439836	33.71	ng	-0.02
79) Terphenyl-d14	12.77	244	367957	22.98	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.43	163	48146	3.110	ng	Qvalue # 98
75) Fluoranthene	12.40	202	54685	2.794	ng	100
78) Pyrene	12.63	202	54216	2.185	ng	98
88) Benzo(b)fluoranthene	14.84	252	39186m	2.235	ng	

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

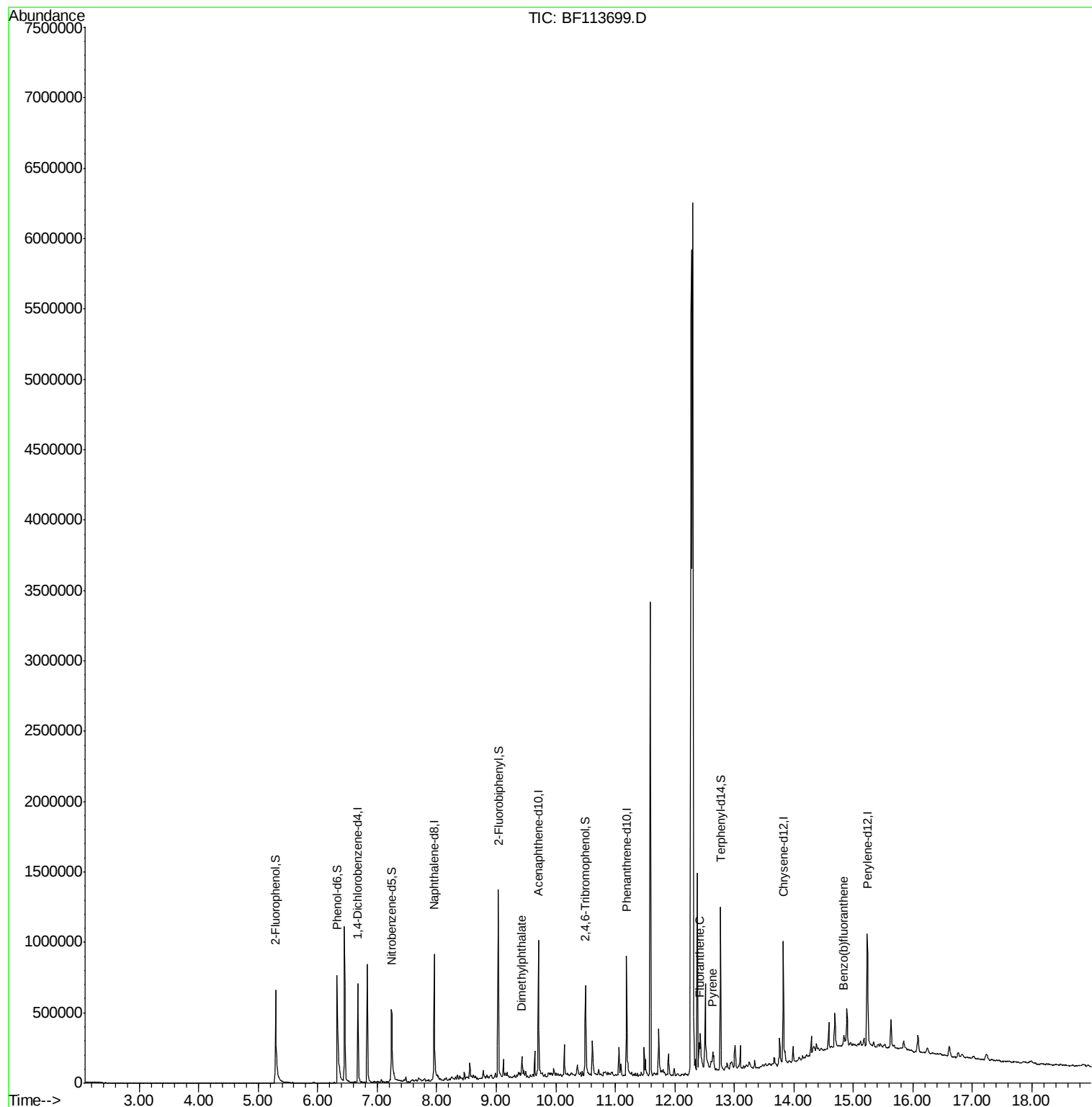
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113699.D
Acq On : 10 Apr 2019 16:30
Operator : JU/SJ
Sample : K2199-07 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

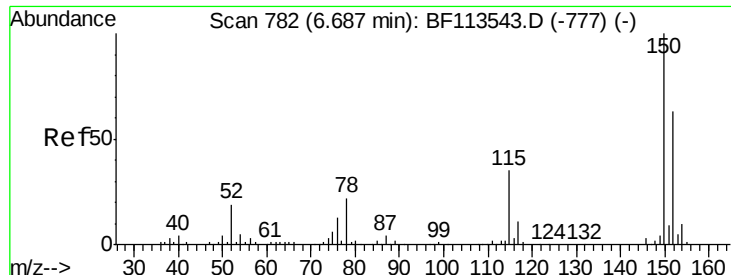
Instrument :
BNA_F
ClientSampleId :
OR-03-040819-B

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Quant Time: Apr 11 02:27:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

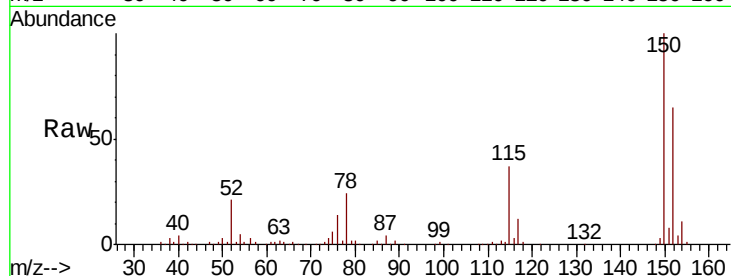
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113699.D
Acq: 10 Apr 2019 16:30

Instrument :
BNA_F
ClientSampleId :
OR-03-040819-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.7	187.1
115	57.5	46.0	69.0

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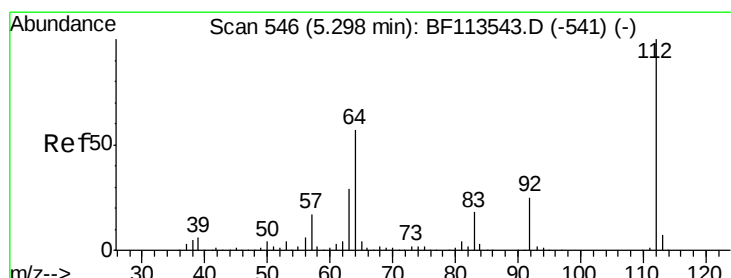
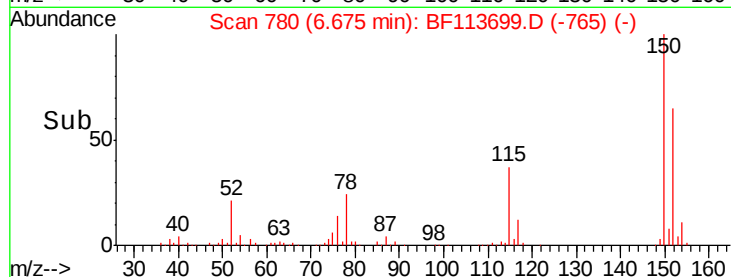
Abundance

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

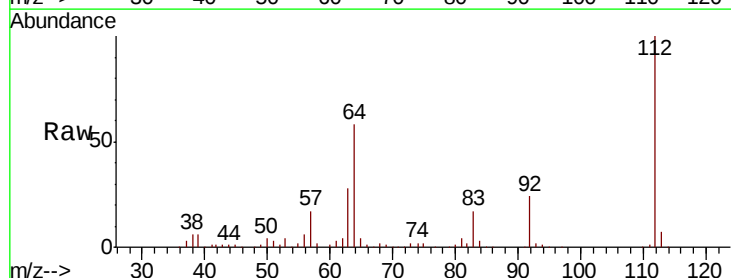
Time-->



#5

2-Fluorophenol
Concen: 44.866 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113699.D
Acq: 10 Apr 2019 16:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	49.2	73.8
63	28.2	24.9	37.3



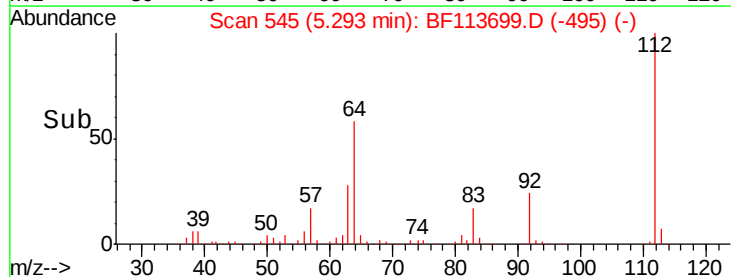
Abundance

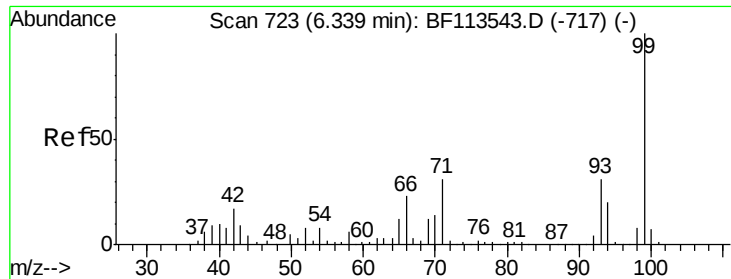
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 51.198 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113699.D

Acq: 10 Apr 2019 16:30

Instrument :

BNA_F

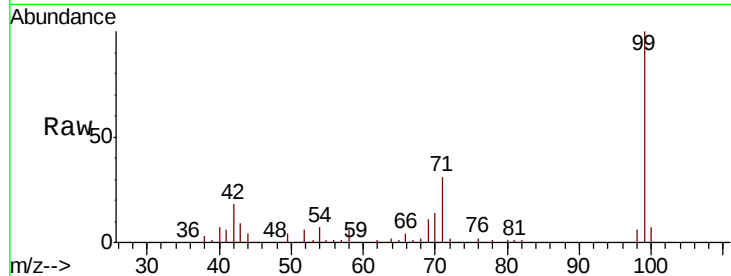
ClientSampleId :

OR-03-040819-B

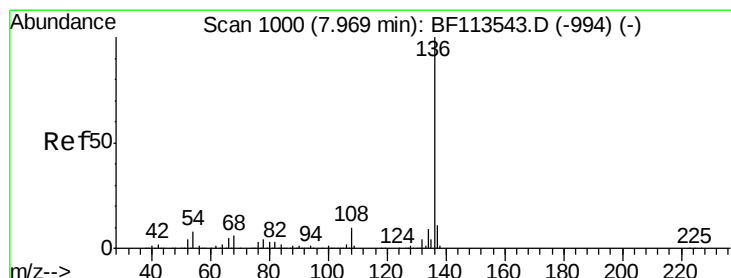
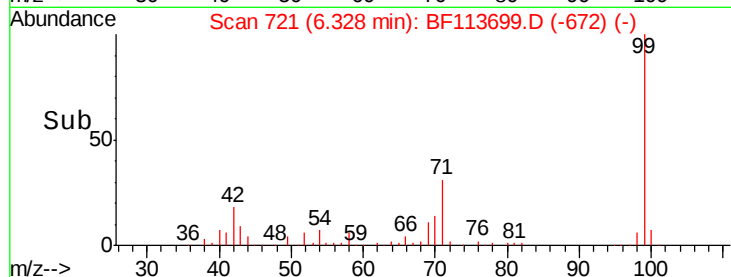
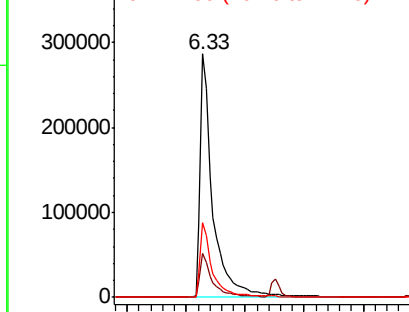
Tot Ion:	99	Resp:	424732
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.8	22.2
71	30.7	24.9	37.3

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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: 7.96 min Scan# 998

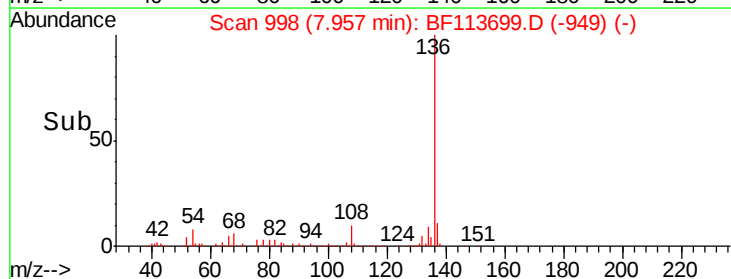
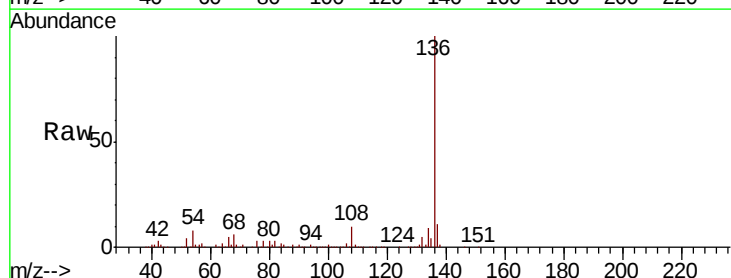
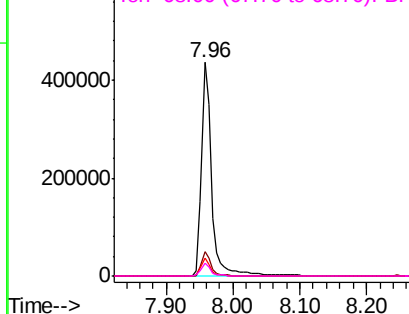
Delta R.T. -0.01 min

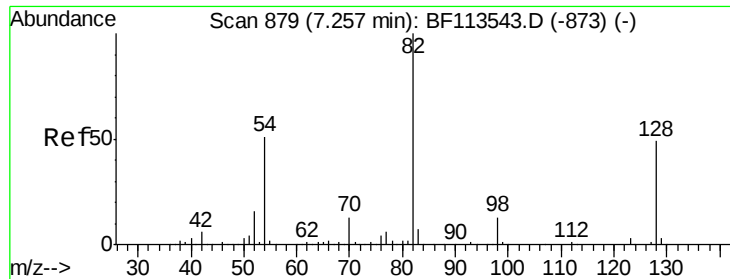
Lab File: BF113699.D

Acq: 10 Apr 2019 16:30

Tgt Ion:	136	Resp:	446283
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.2	7.0	10.6
68	5.7	4.8	7.2

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





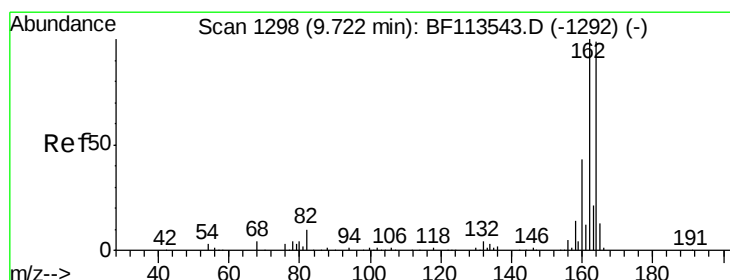
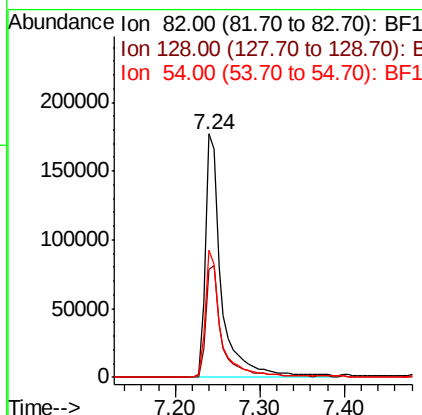
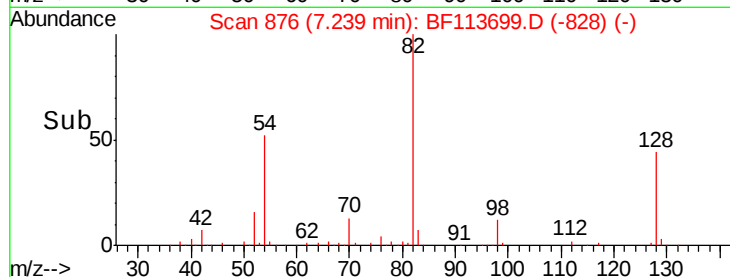
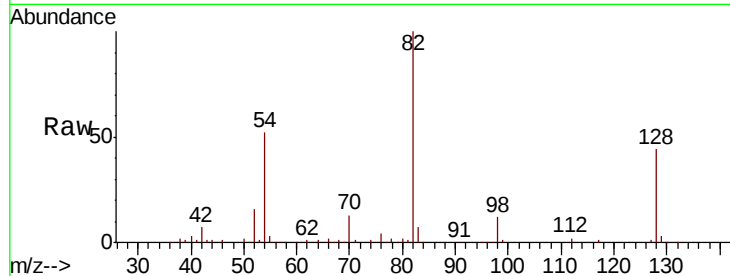
#23
Nitrobenzene-d5
Concen: 30.951 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113699.D
Acq: 10 Apr 2019 16:30

Instrument :
BNA_F
ClientSampleId :
OR-03-040819-B

Tot Ion	82	Resp	235813
Ion Ratio	Lower	Upper	
82	100		
128	44.2	36.5	54.7
54	52.4	42.2	63.2

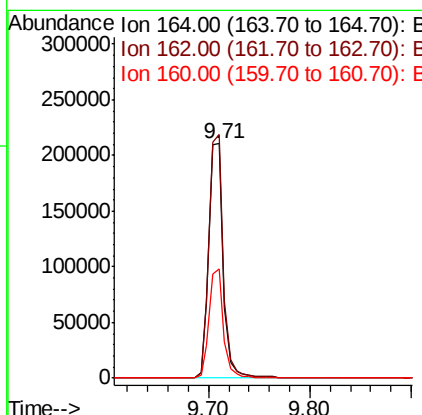
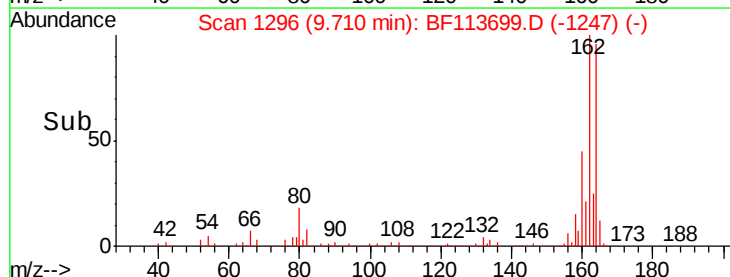
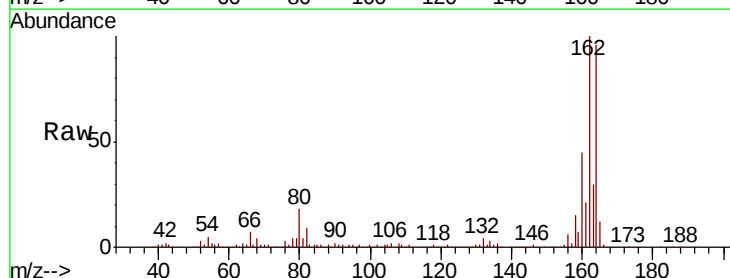
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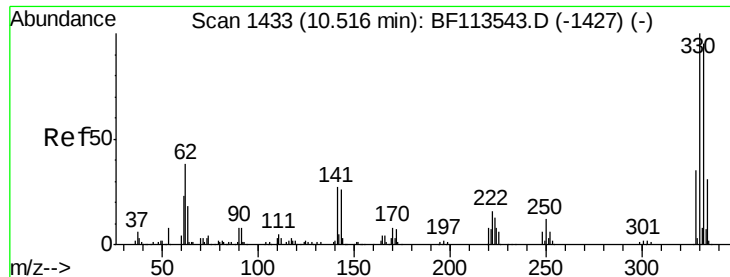
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113699.D
Acq: 10 Apr 2019 16:30

Tgt Ion	164	Resp	210030
Ion Ratio	Lower	Upper	
164	100		
162	103.9	81.8	122.6
160	46.5	36.4	54.6





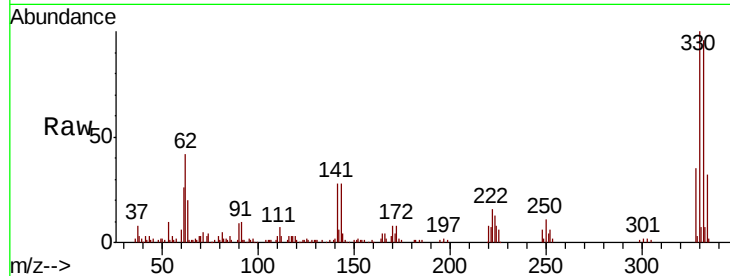
#42
 2,4,6-Tribromophenol
 Concen: 38.917 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113699.D
 Acq: 10 Apr 2019 16:30

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-040819-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.8	116.6
141	27.2	22.7	34.1

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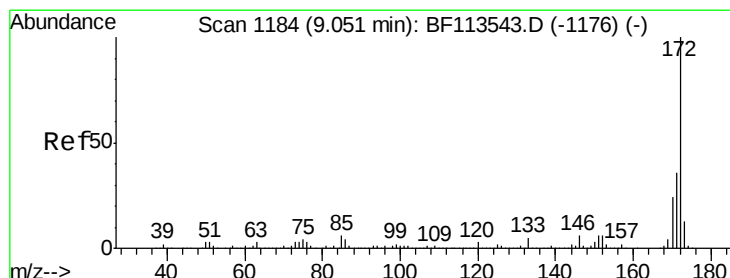
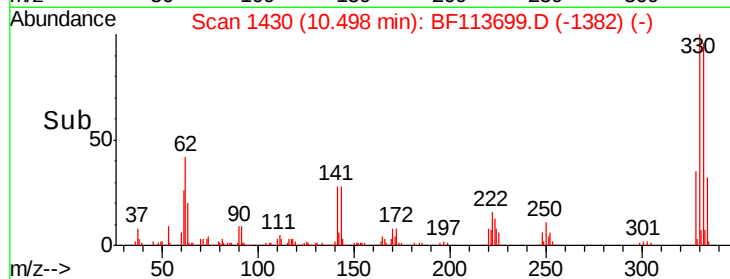
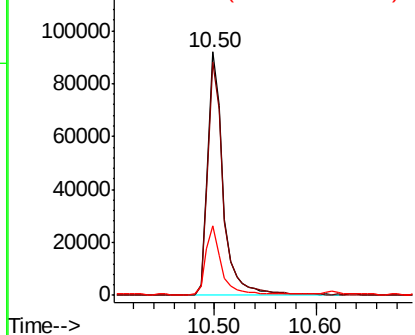


Abundance

Ion 329.80 (329.50 to 330.50): E

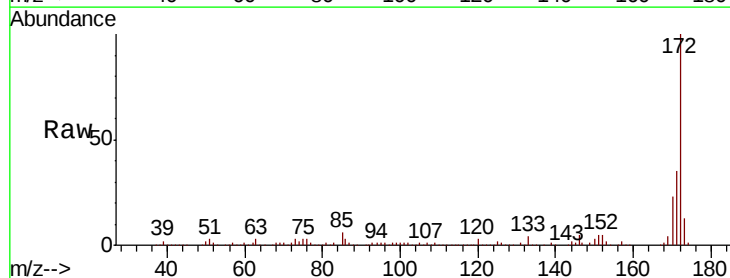
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 33.714 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113699.D
 Acq: 10 Apr 2019 16:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	23.4	19.5	29.3

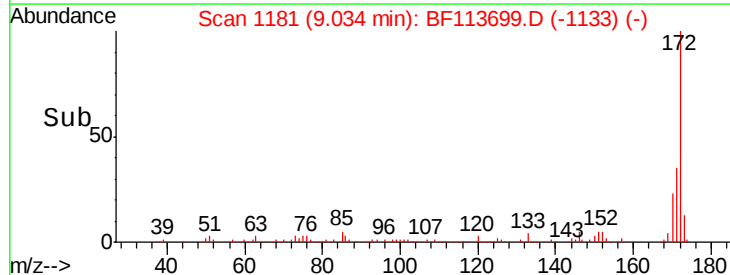
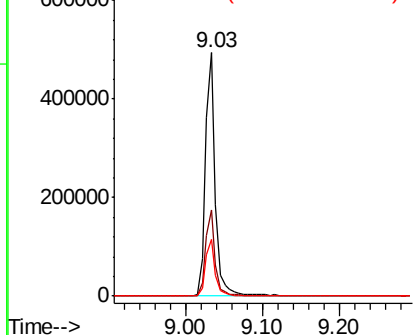


Abundance

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





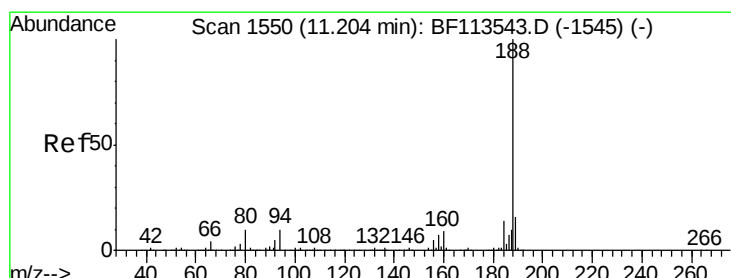
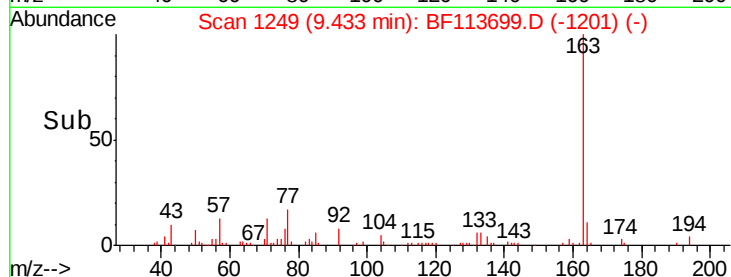
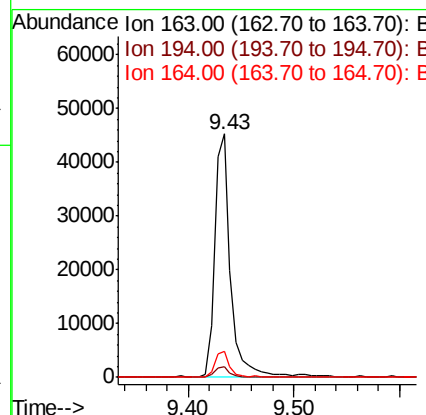
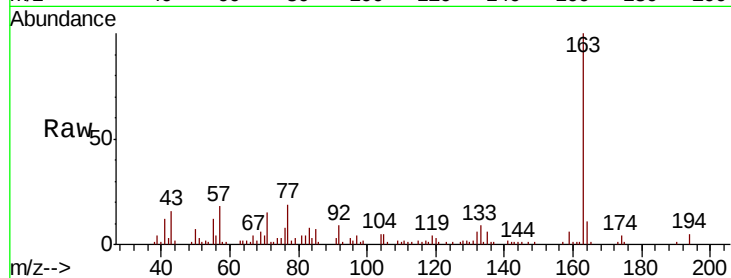
#50
Dimethylphthalate
Concen: 3.110 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113699.D
Acq: 10 Apr 2019 16:30

Instrument :
BNA_F
ClientSampleId :
OR-03-040819-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.0	4.6#
164	10.8	8.1	12.1

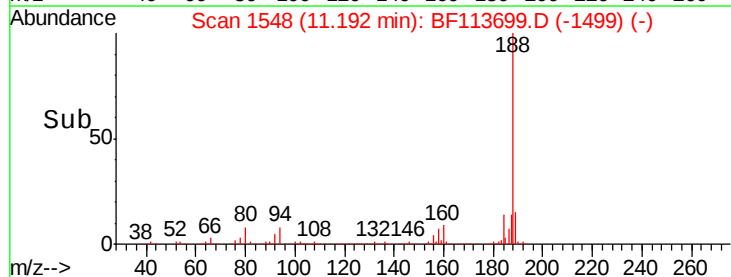
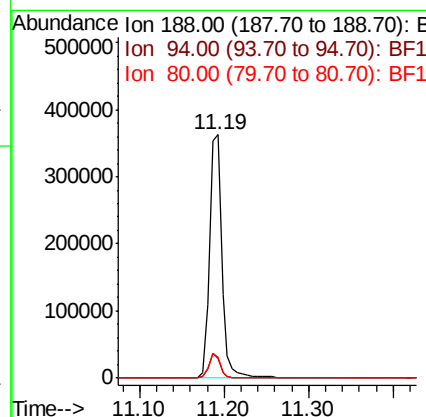
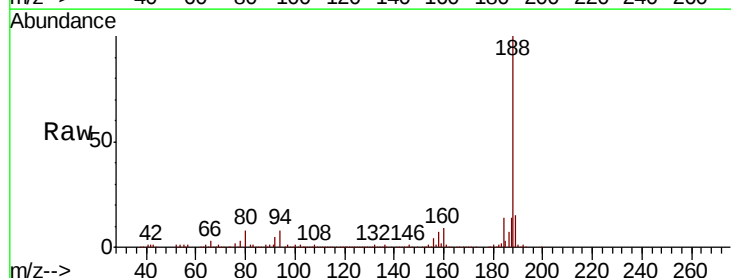
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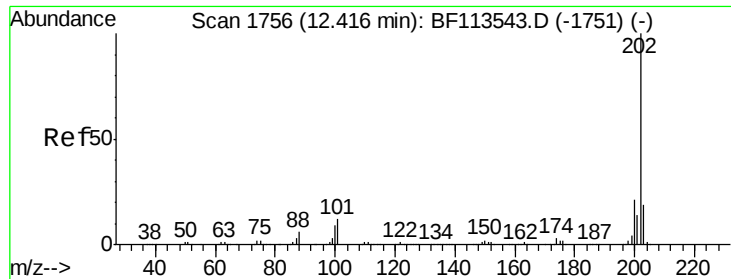
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113699.D
Acq: 10 Apr 2019 16:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.6
80	8.4	7.7	11.5





#75

Fluoranthene

Concen: 2.794 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF113699.D

Acq: 10 Apr 2019 16:30

Instrument :

BNA_F

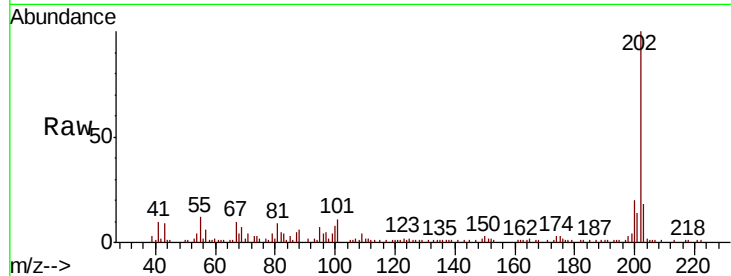
ClientSampleId :

OR-03-040819-B

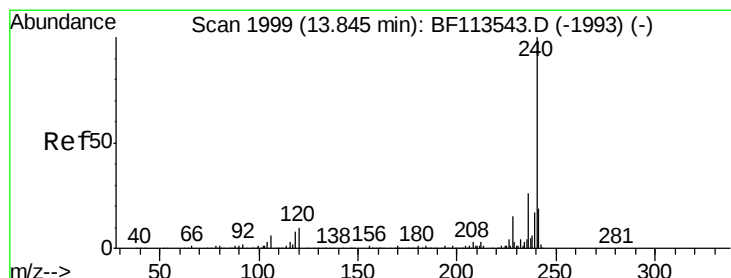
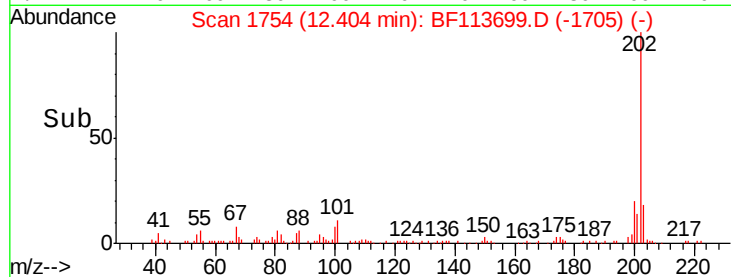
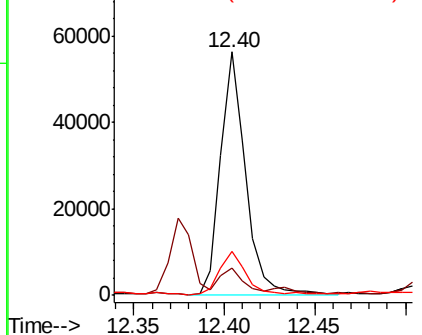
Tot Ion:	202	Resp:	54685
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.4
203	18.1	0.0	38.0

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: 13.83 min Scan# 1996

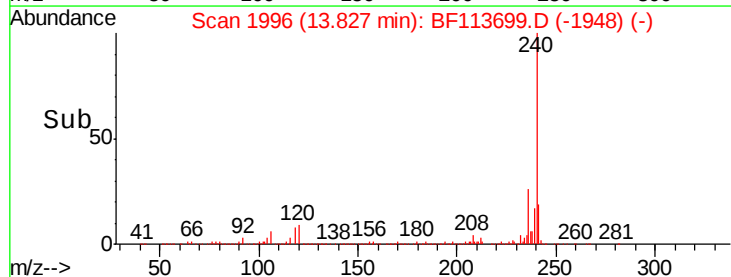
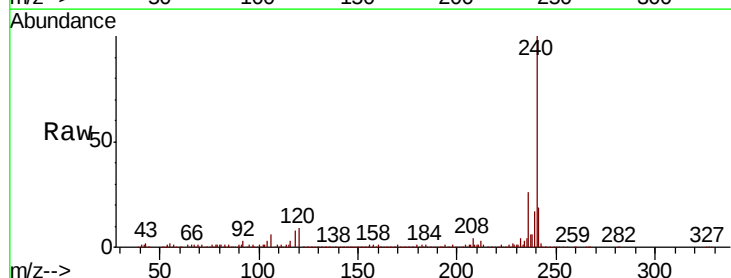
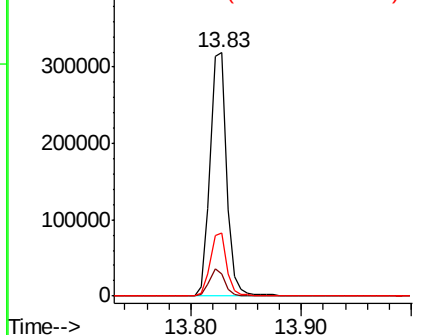
Delta R.T. -0.02 min

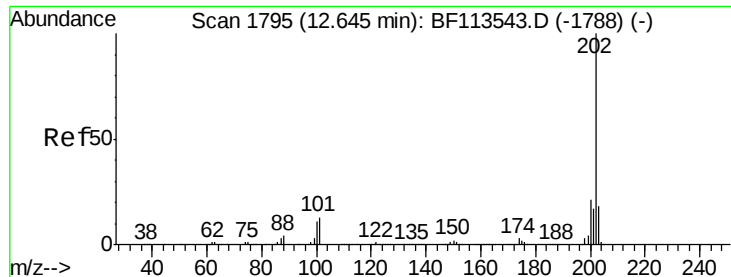
Lab File: BF113699.D

Acq: 10 Apr 2019 16:30

Tgt Ion:	240	Resp:	326073
Ion Ratio	Lower	Upper	
240	100		
120	9.1	8.8	13.2
236	26.1	20.9	31.3

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





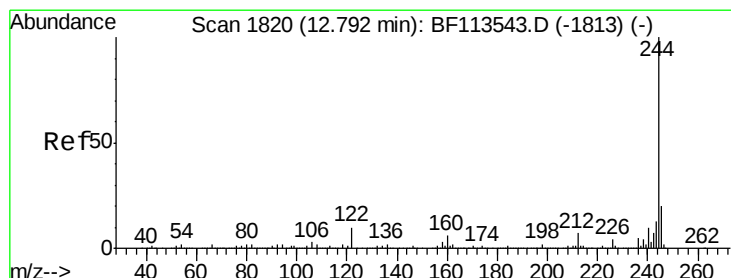
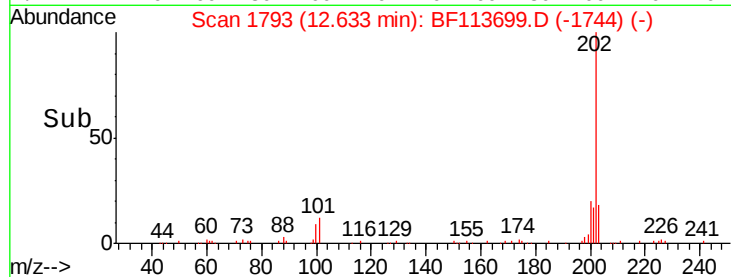
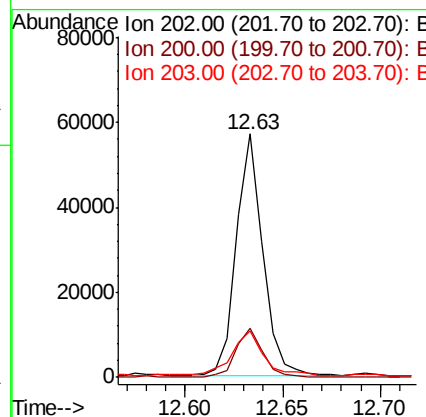
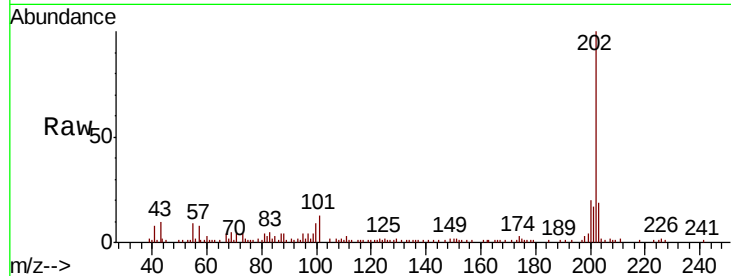
#78
Pvrene
Concen: 2.185 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF113699.D
Acq: 10 Apr 2019 16:30

Instrument :
BNA_F
ClientSampleId :
OR-03-040819-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.8	25.2
203	19.0	14.4	21.6

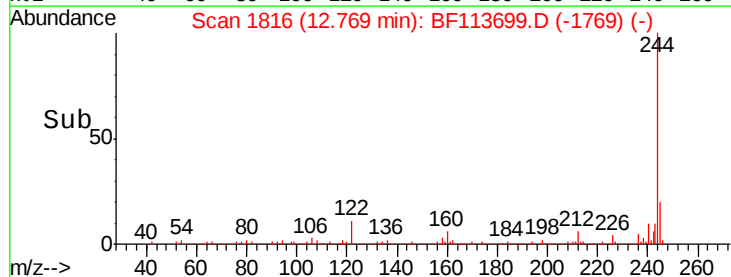
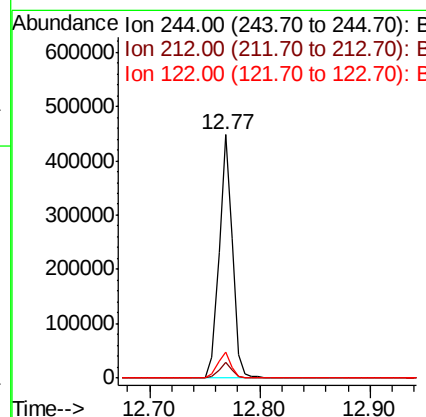
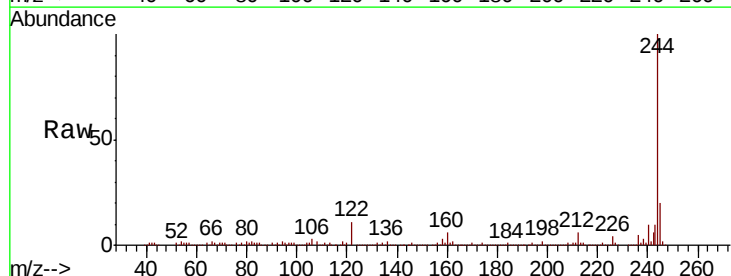
Manual Integrations
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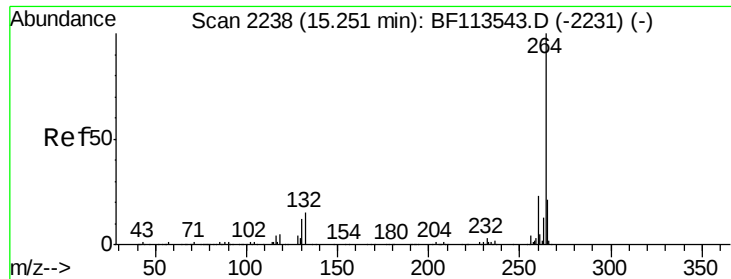
Sohil
4/11/2019 2:39:38 PM



#79
Terphenyl-d14
Concen: 22.975 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF113699.D
Acq: 10 Apr 2019 16:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	10.6	8.6	13.0





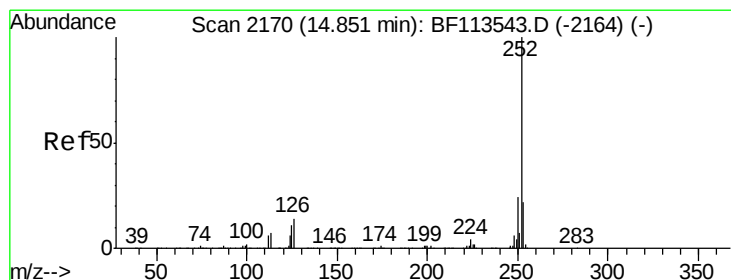
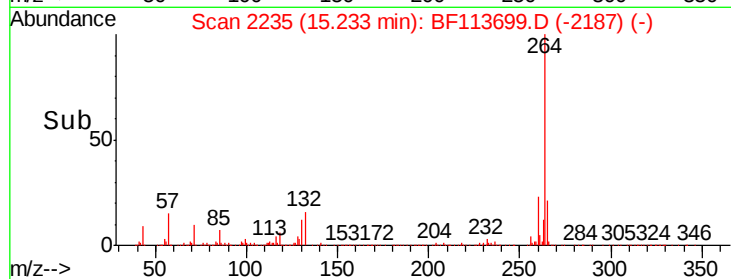
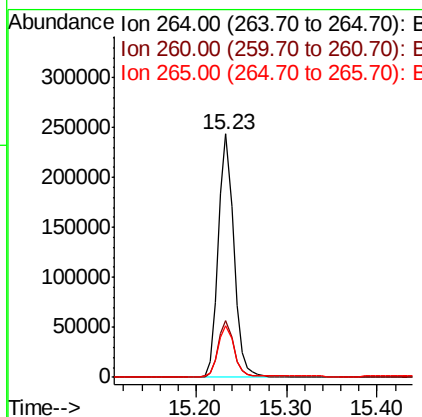
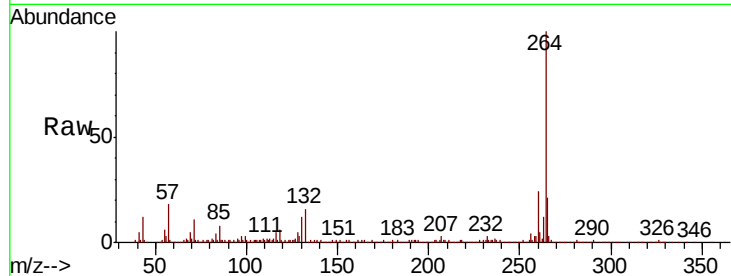
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113699.D
Acq: 10 Apr 2019 16:30

Instrument :
BNA_F
ClientSampleId :
OR-03-040819-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.3	17.1	25.7

Manual Integrations
APPROVED

Sohil
4/11/2019 2:39:38 PM



#88
Benzo(b)fluoranthene
Concen: 2.235 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113699.D
Acq: 10 Apr 2019 16:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.0	27.0#
125	16.0	7.6	11.4#

