

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113110.D
 Acq On : 19 Mar 2019 00:45
 Operator : JU/SJ
 Sample : K1970-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-2-E.WALL-NORTH

Manual Integrations
 APPROVED

Sohil
 3/20/2019 6:46:25 PM

Quant Time: Mar 20 05:49:21 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	6.75	152	93886	20.00	ng	0.02
21) Naphthalene-d8	8.05	136	152581	20.00	ng	0.03
39) Acenaphthene-d10	9.86	164	89151m	20.00	ng	0.09
64) Phenanthrene-d10	11.33	188	119683m	20.00	ng	0.09
76) Chrysene-d12	13.90	240	291981	20.00	ng	0.03
87) Perylene-d12	15.29	264	214532	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	885564	146.72	ng	0.00
7) Phenol-d6	6.39	99	1009185	133.11	ng	0.01
23) Nitrobenzene-d5	7.33	82	432273	169.53	ng	0.03
42) 2,4,6-Tribromophenol	10.66	330	87066	91.99	ng	0.11
45) 2-Fluorobiphenyl	9.17	172	324015	54.82	ng	0.08
79) Terphenyl-d14	12.88	244	609950	40.50	ng	0.06
Target Compounds						
37) 2-Methylnaphthalene	8.85	142	5463054	1116.724	ng	Qvalue # 95
38) 1-Methylnaphthalene	8.93	142	3339861m	704.782	ng	
46) 1,1'-Biphenyl	9.27	154	652426	89.722	ng	94
58) Fluorene	10.42	166	823379m	141.601	ng	
71) Phenanthrene	11.37	178	2254082m	378.538	ng	

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

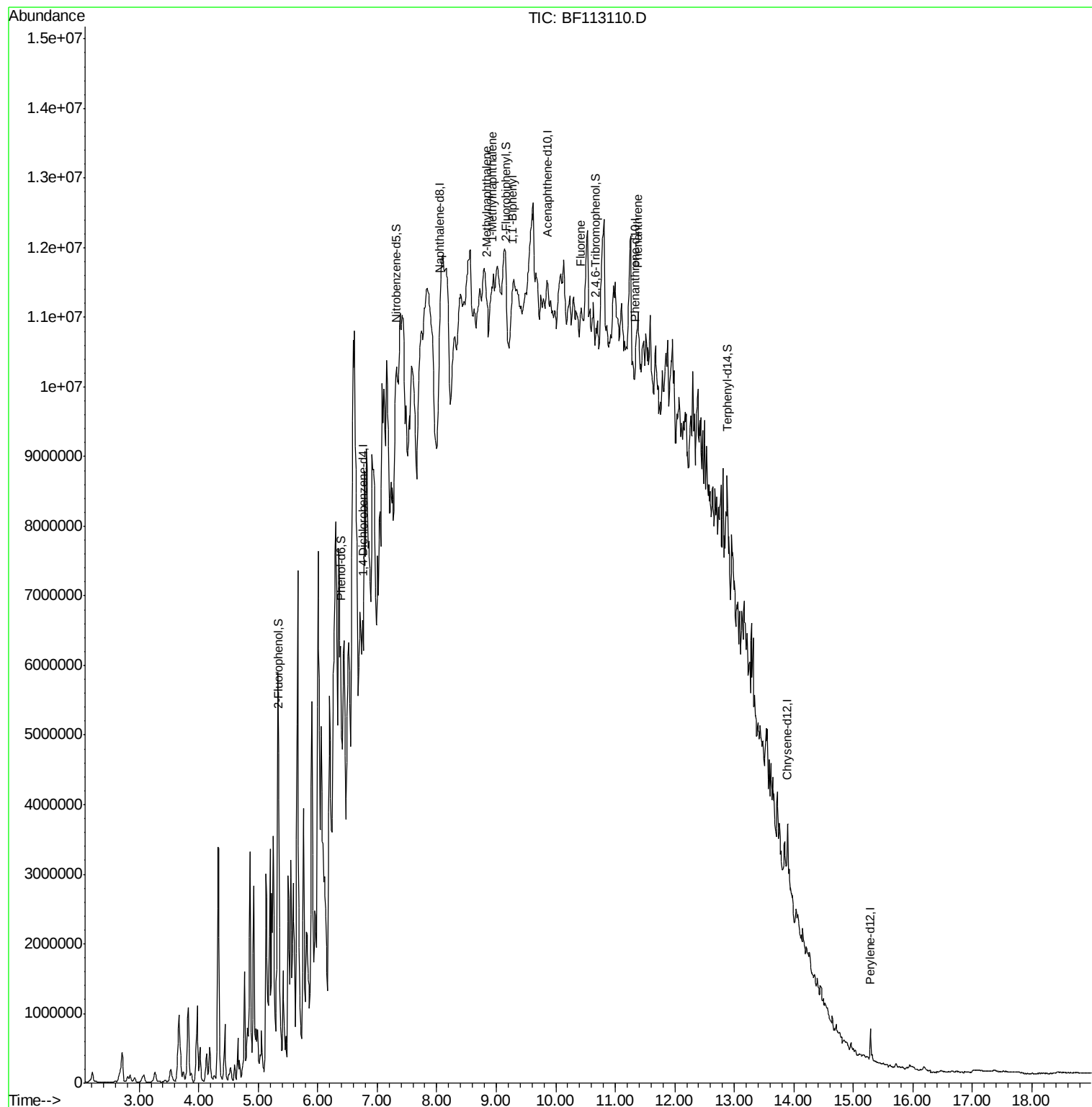
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113110.D
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Sample : K1970-02
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ALS Vial : 26 Sample Multiplier: 1

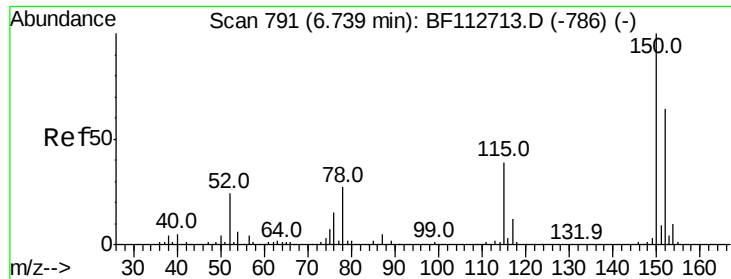
Instrument :
BNA_F
ClientSampleId :
P-2-E.WALL-NORTH

Manual Integrations
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#1

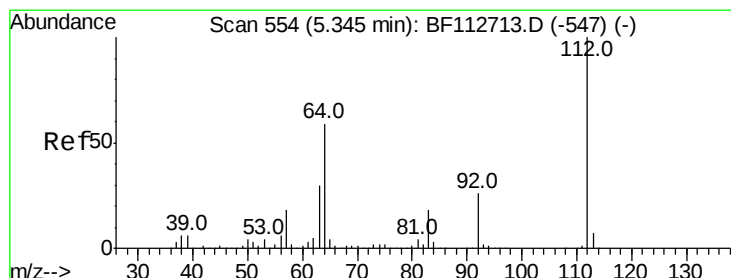
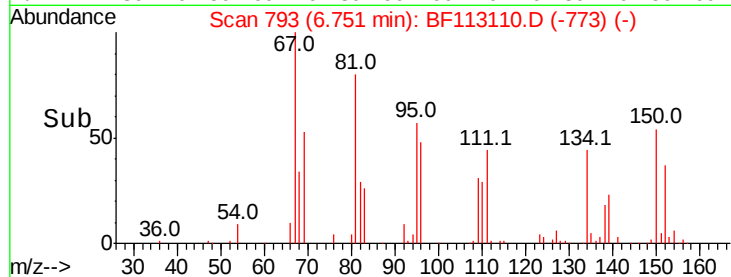
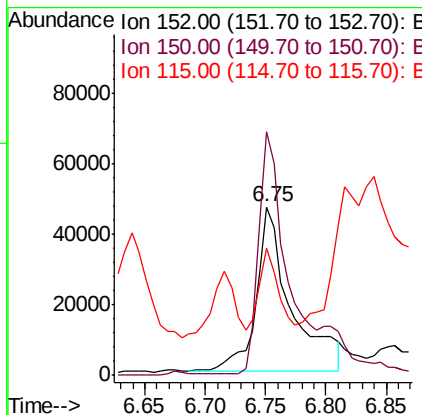
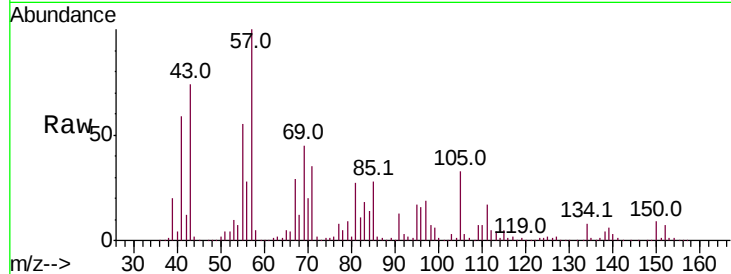
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.02 min
Lab File: BF113110.D
Acq: 19 Mar 2019 00:45

Instrument :
BNA_F
ClientSampleId :
P-2-E.WALL-NORTH

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.7	124.2	186.2
115	75.3	48.2	72.4

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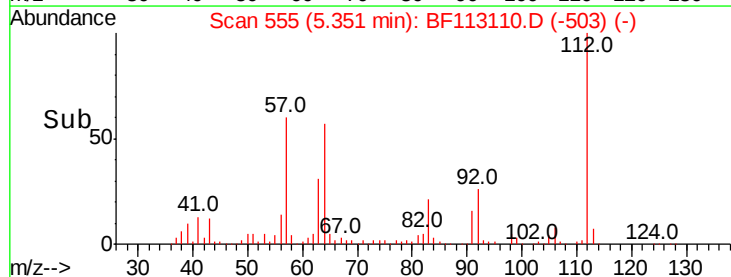
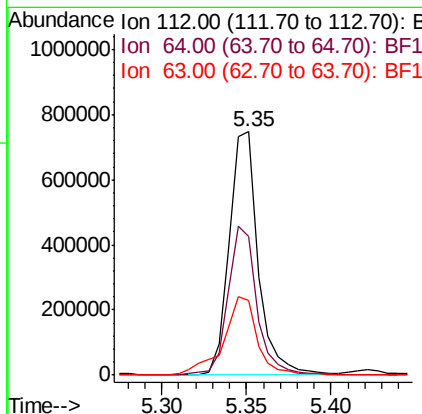
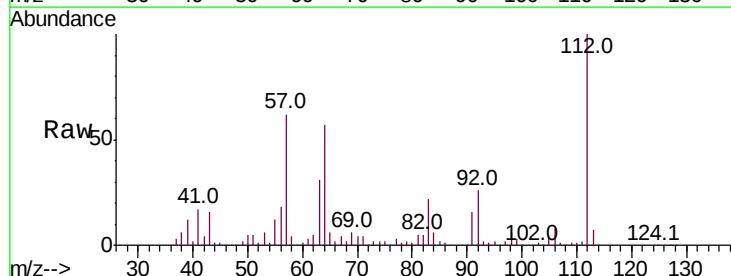
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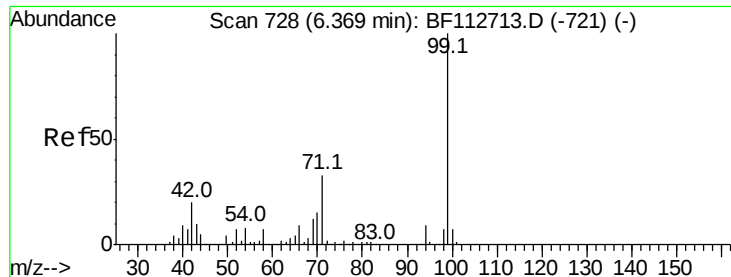


#5

2-Fluorophenol
Concen: 146.724 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113110.D
Acq: 19 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.6	71.4
63	30.9	24.4	36.6





#7

Phenol-d6

Concen: 133.108 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF113110.D

Acq: 19 Mar 2019 00:45

Instrument :

BNA_F

ClientSampleId :

P-2-E.WALL-NORTH

Tot Ion: 99 Resp: 1009185

Ion Ratio Lower Upper

99 100

42 26.4 16.3 24.5#

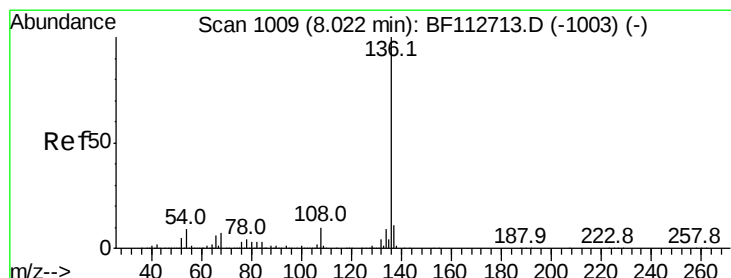
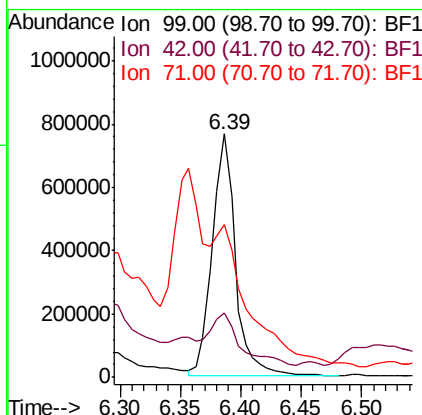
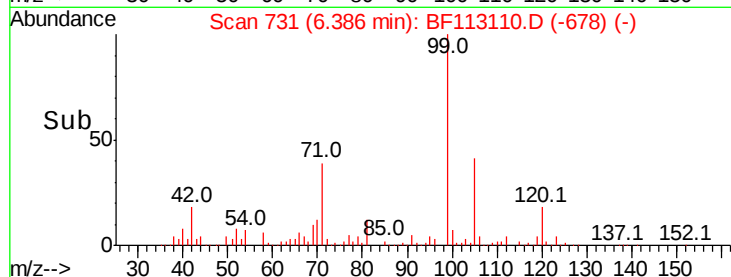
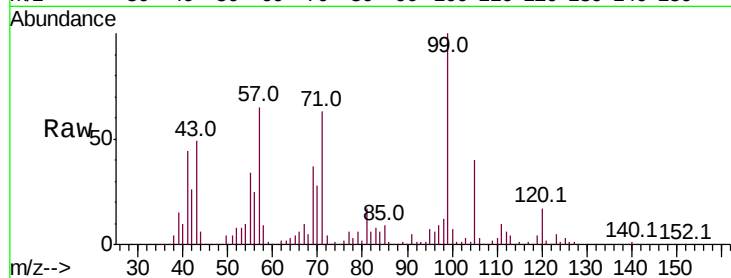
71 62.7 26.2 39.4#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.03 min

Lab File: BF113110.D

Acq: 19 Mar 2019 00:45

Tgt Ion: 136 Resp: 152581

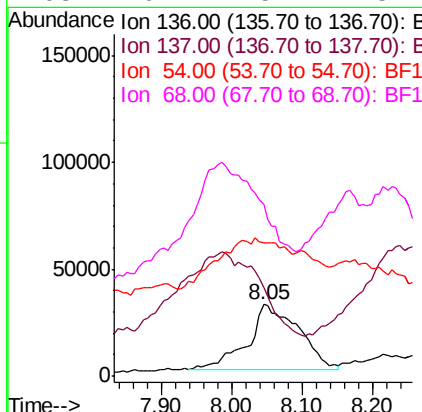
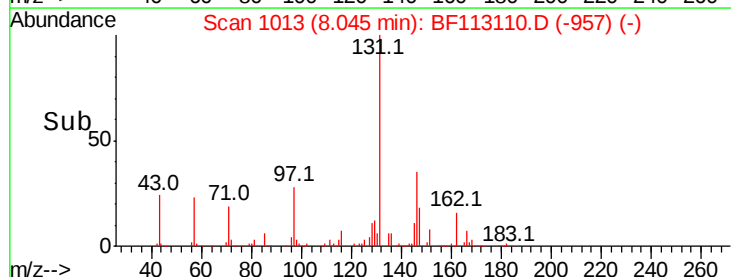
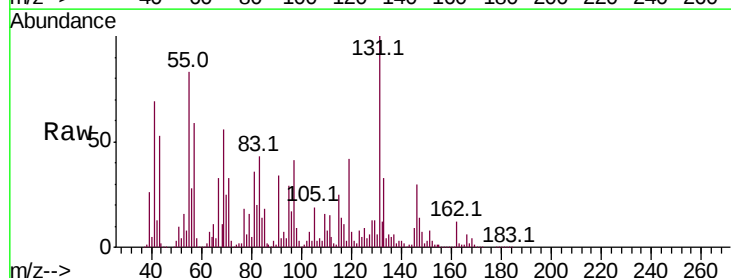
Ion Ratio Lower Upper

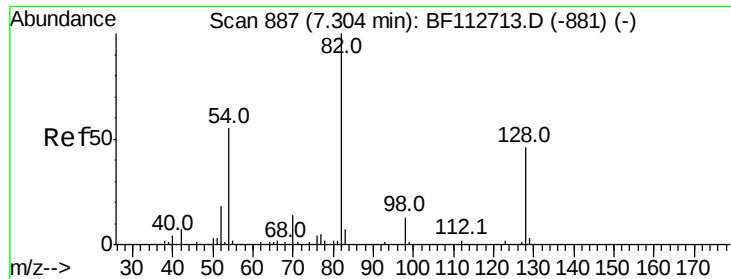
136 100

137 123.6 8.9 13.3#

54 187.3 7.3 10.9#

68 240.7 5.4 8.2#





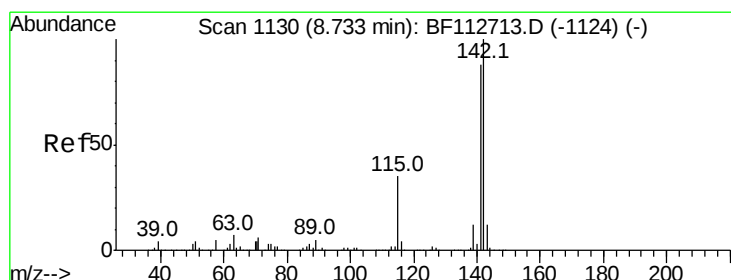
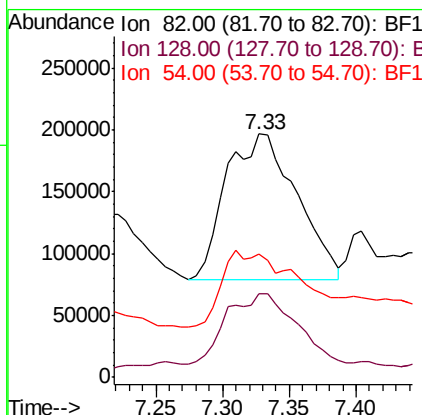
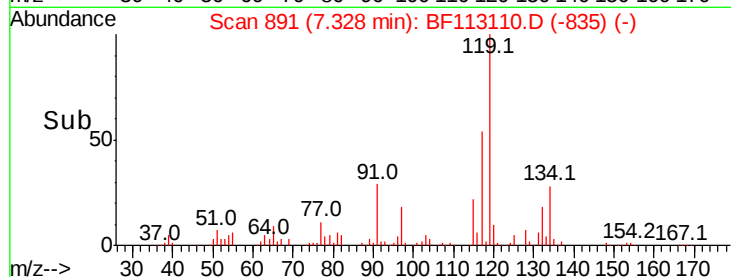
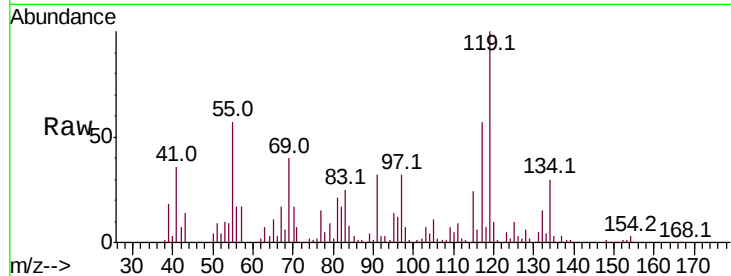
#23
Nitrobenzene-d5
Concen: 169.525 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.03 min
Lab File: BF113110.D
Acq: 19 Mar 2019 00:45

Instrument :
BNA_F
ClientSampleId :
P-2-E.WALL-NORTH

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.4	36.3	54.5#
54	50.9	43.7	65.5

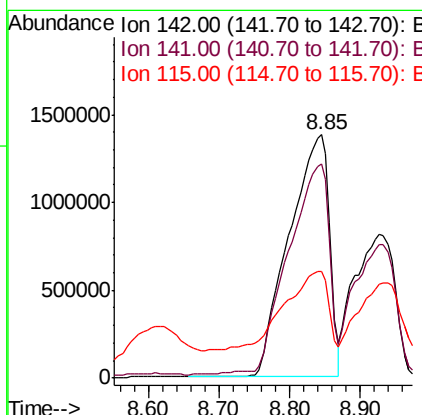
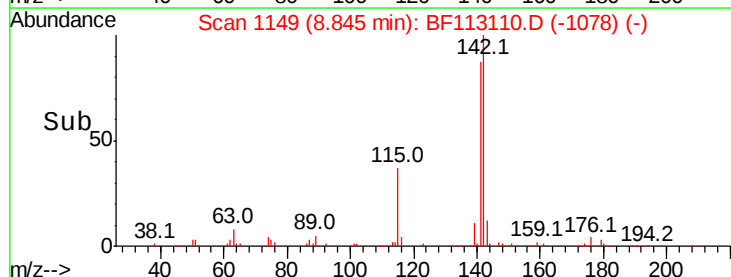
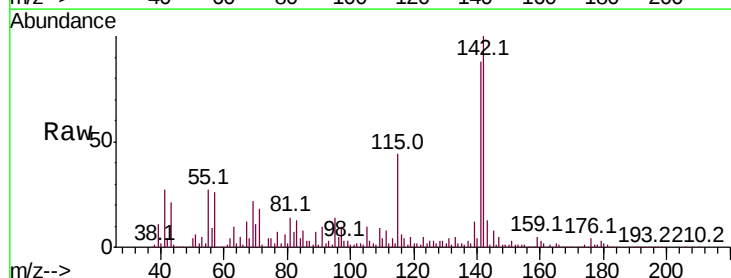
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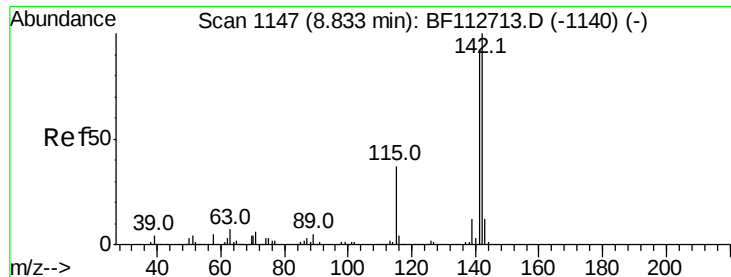
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#37
2-Methylnaphthalene
Concen: 1116.724 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.12 min
Lab File: BF113110.D
Acq: 19 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	43.7	27.8	41.6#





#38

1-Methylnaphthalene

Concen: 704.782 ng m

RT: 8.93 min Scan# 1163

Delta R.T. 0.10 min

Lab File: BF113110.D

Acq: 19 Mar 2019 00:45

Instrument :
BNA_F

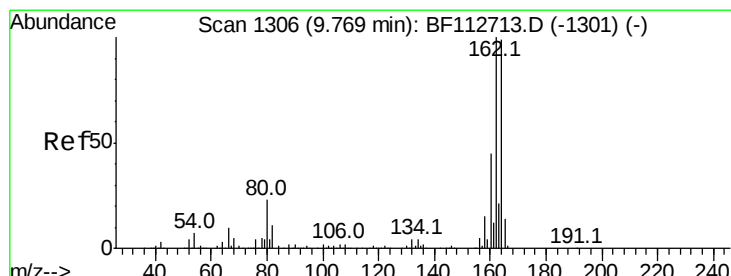
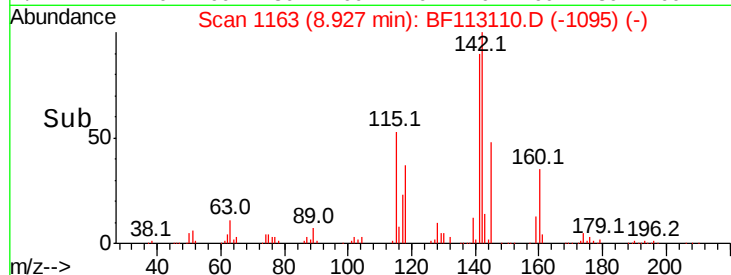
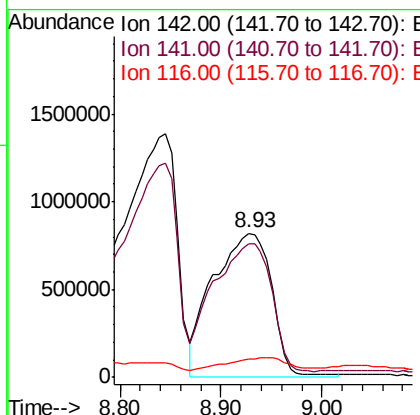
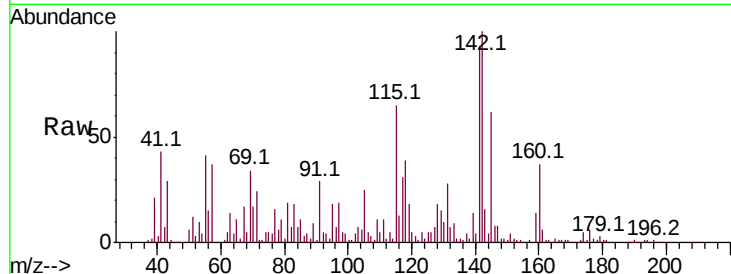
ClientSampleId :
P-2-E.WALL-NORTH

Tot Ion:142 Resp: 3339861

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.7	110.5
116	12.7	3.1	4.7#

Manual Integrations
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#39

Acenaphthene-d10

Concen: 20.000 ng m

RT: 9.86 min Scan# 1322

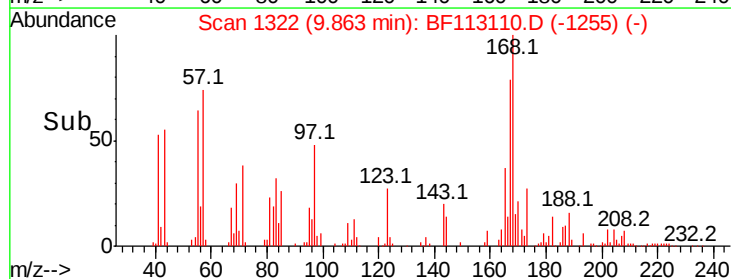
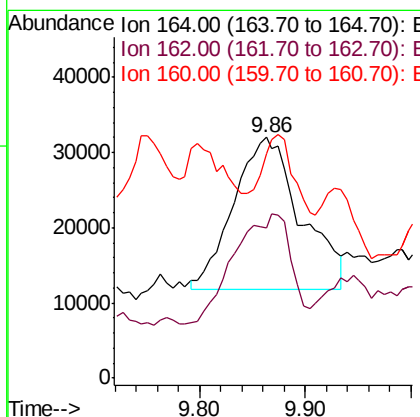
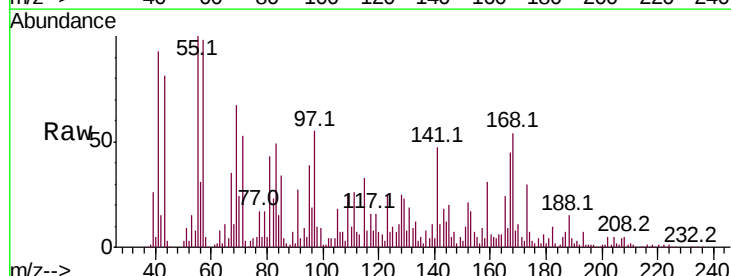
Delta R.T. 0.09 min

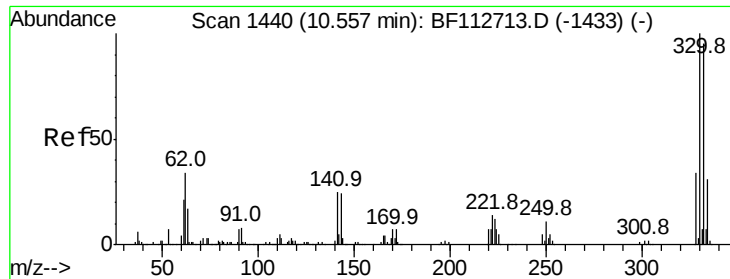
Lab File: BF113110.D

Acq: 19 Mar 2019 00:45

Tgt Ion:164 Resp: 89151

Ion	Ratio	Lower	Upper
164	100		
162	62.6	80.6	120.8#
160	93.2	36.0	54.0#





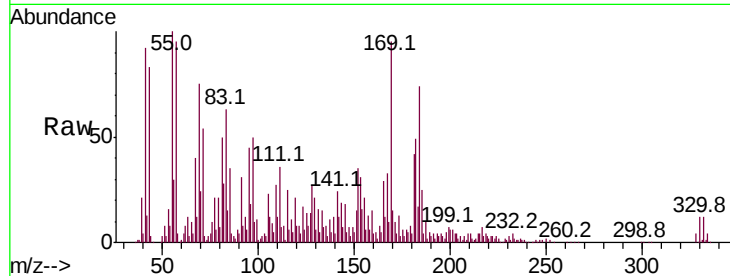
#42
 2,4,6-Tribromophenol
 Concen: 91.992 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.11 min
 Lab File: BF113110.D
 Acq: 19 Mar 2019 00:45

Instrument :
 BNA_F
 ClientSampleId :
 P-2-E.WALL-NORTH

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.2	114.4
141	0.0	27.0	40.6#

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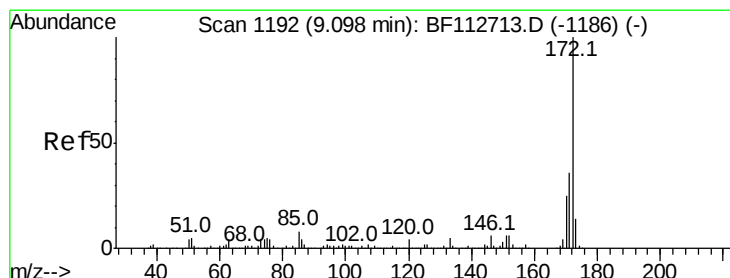
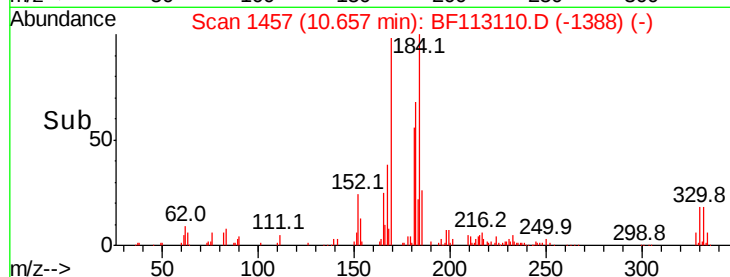
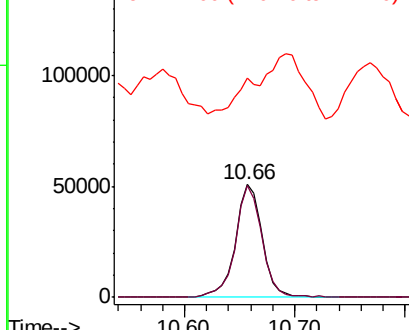


Abundance

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: 54.818 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.08 min
 Lab File: BF113110.D
 Acq: 19 Mar 2019 00:45

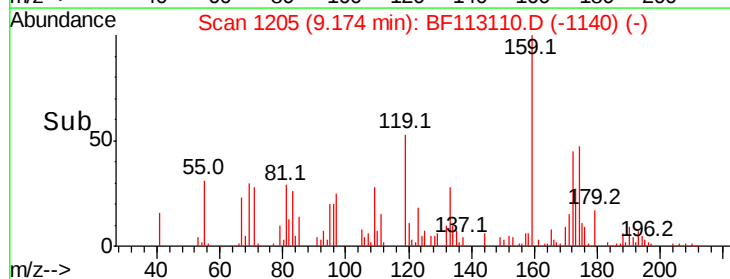
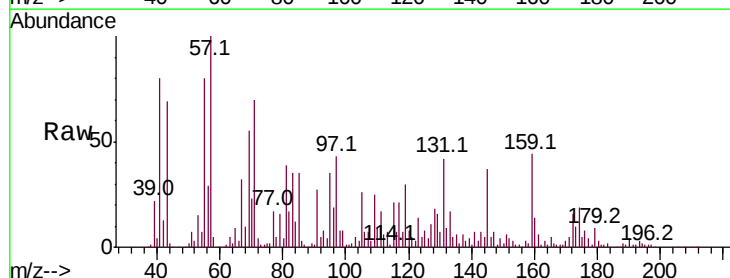
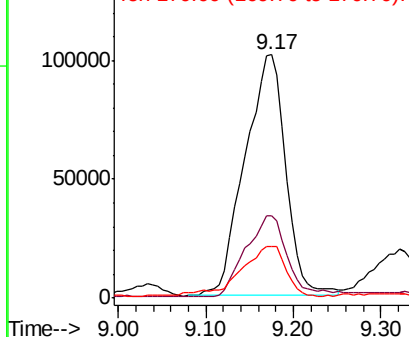
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.0	43.4
170	21.5	20.0	30.0

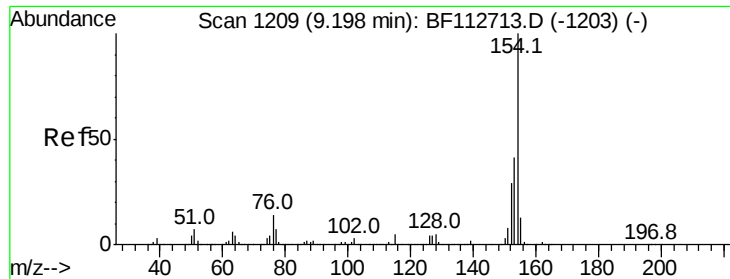
Abundance

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





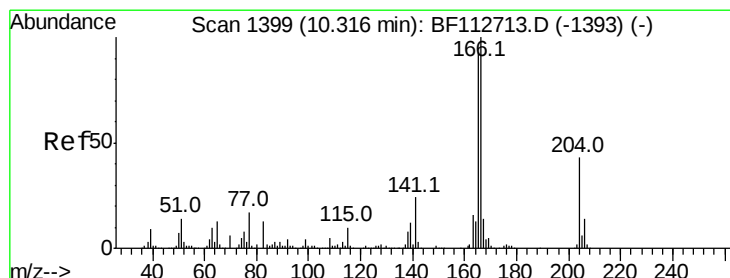
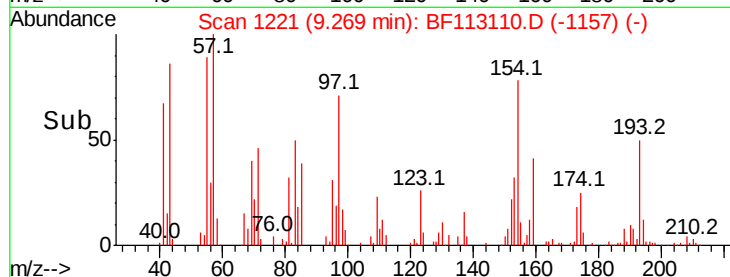
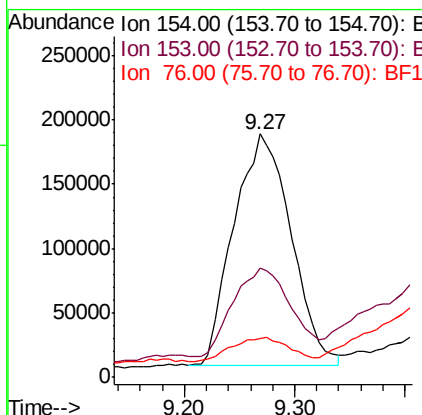
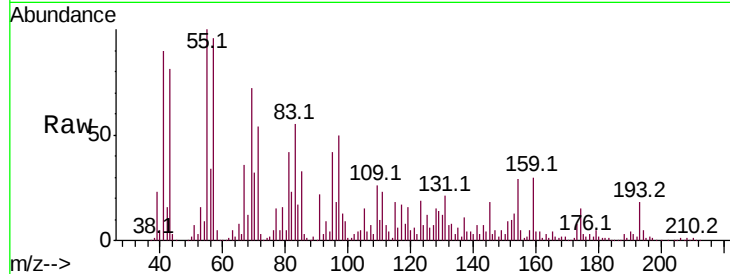
#46
1,1'-Biphenyl
Concen: 89.722 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.08 min
Lab File: BF113110.D
Acq: 19 Mar 2019 00:45

Instrument :
BNA_F
ClientSampleId :
P-2-E.WALL-NORTH

Tot Ion	Ratio	Lower	Upper
154	100		
153	45.0	20.8	60.8
76	16.0	0.0	33.8

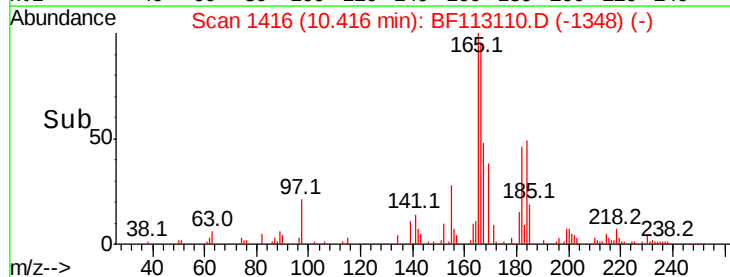
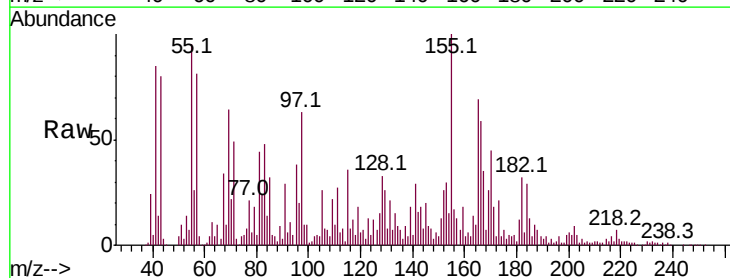
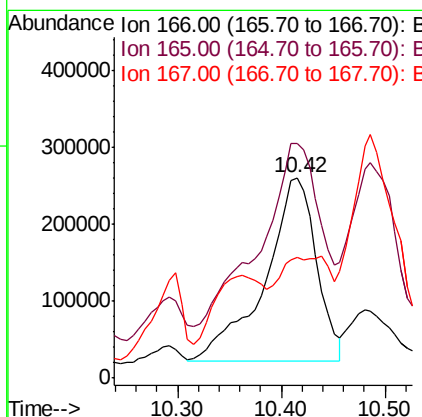
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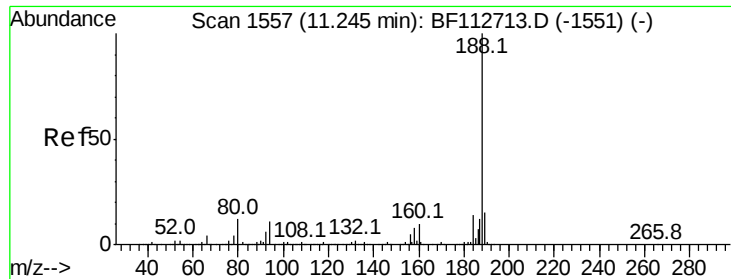
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#58
Fluorene
Concen: 141.601 ng m
RT: 10.42 min Scan# 1416
Delta R.T. 0.10 min
Lab File: BF113110.D
Acq: 19 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	117.2	74.7	112.1#
167	60.3	11.0	16.6#





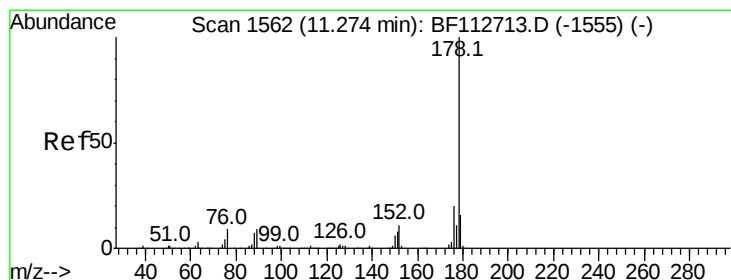
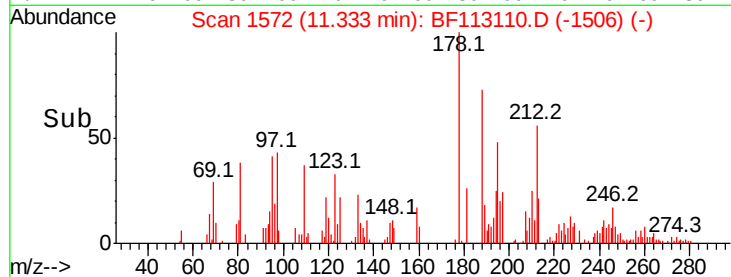
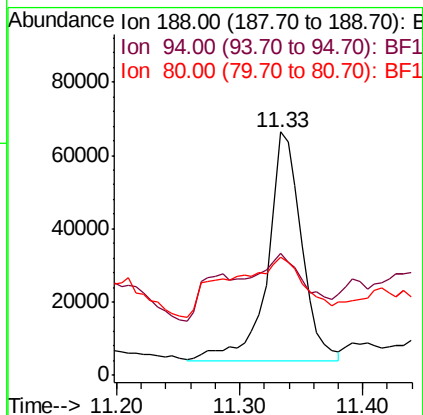
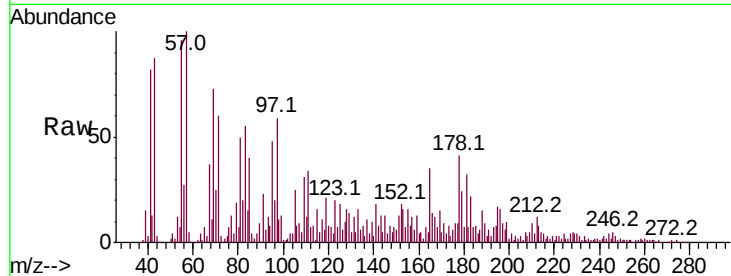
#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.33 min Scan# 1572
Delta R.T. 0.09 min
Lab File: BF113110.D
Acq: 19 Mar 2019 00:45

Instrument :
BNA_F
ClientSampleId :
P-2-E.WALL-NORTH

Tot Ion	Ratio	Lower	Upper
188	100		
94	50.2	9.0	13.4#
80	48.3	9.2	13.8#

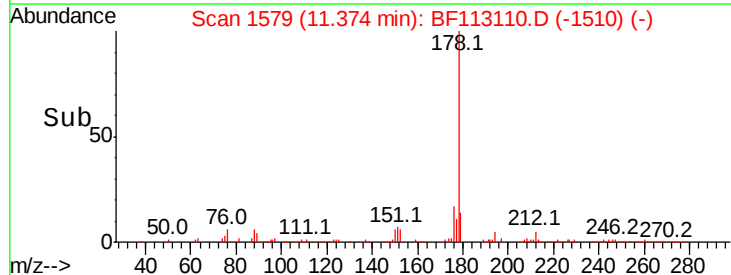
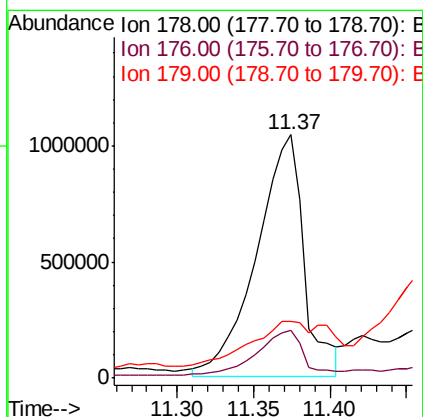
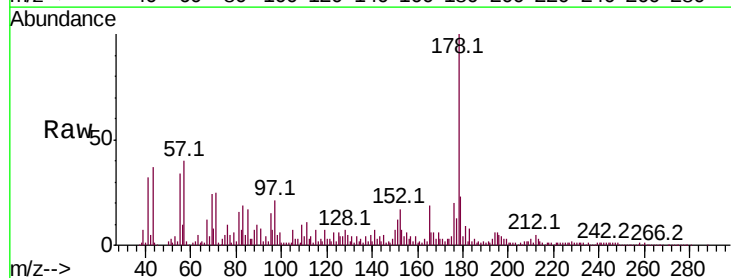
Manual Integrations
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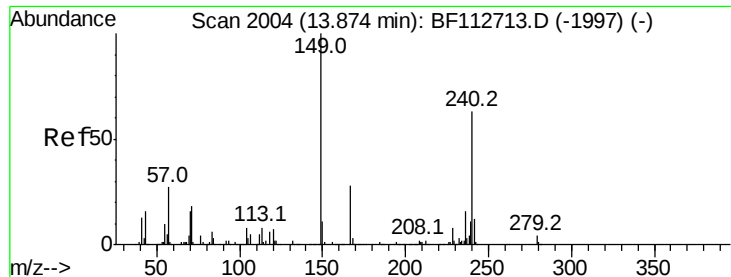
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#71
Phenanthrene
Concen: 378.538 ng m
RT: 11.37 min Scan# 1579
Delta R.T. 0.11 min
Lab File: BF113110.D
Acq: 19 Mar 2019 00:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.3	24.5
179	23.4	12.7	19.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.03 min

Lab File: BF113110.D

Acq: 19 Mar 2019 00:45

Instrument :

BNA_F

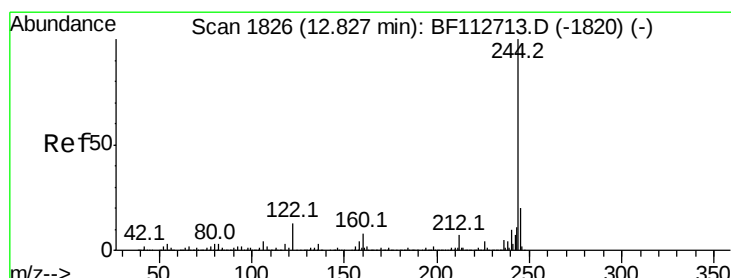
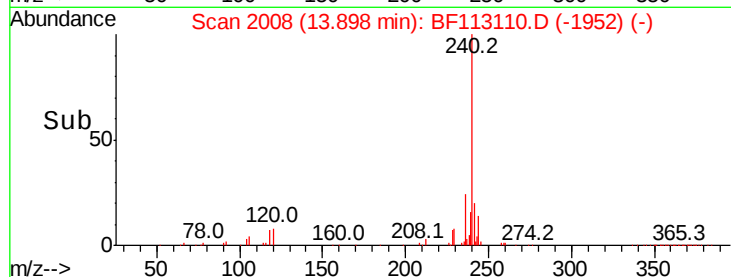
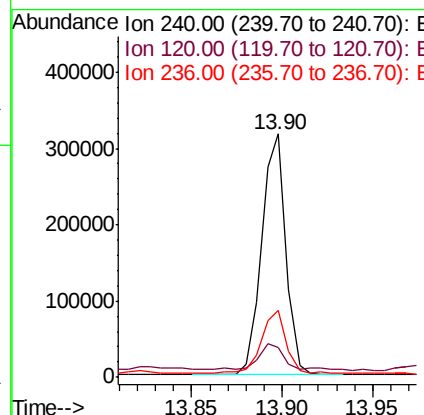
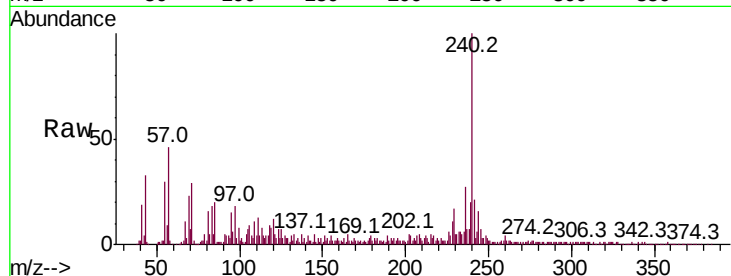
ClientSampleId :

P-2-E.WALL-NORTH

Tot Ion:	240	Resp:	291981
Ion Ratio	Lower	Upper	
240	100		
120	12.5	8.9	13.3
236	27.3	20.7	31.1

Manual Integrations
APPROVED

Sohil
3/20/2019 6:46:25 PM



#79

Terphenyl-d14

Concen: 40.495 ng

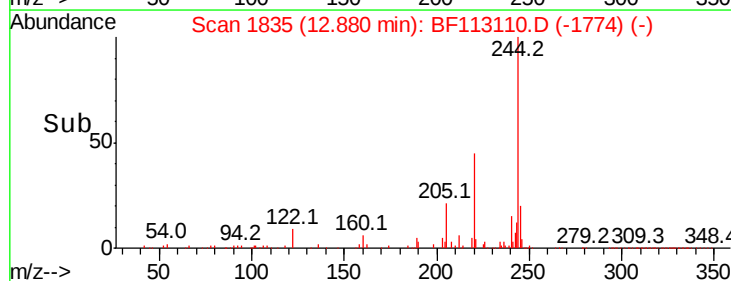
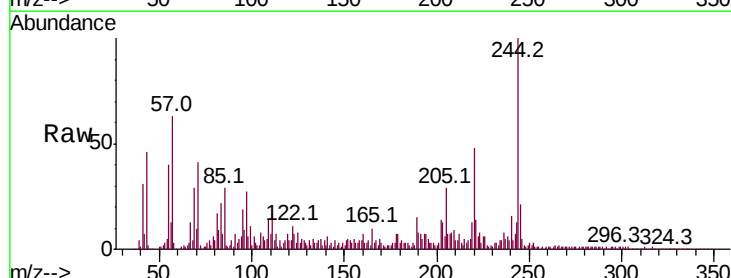
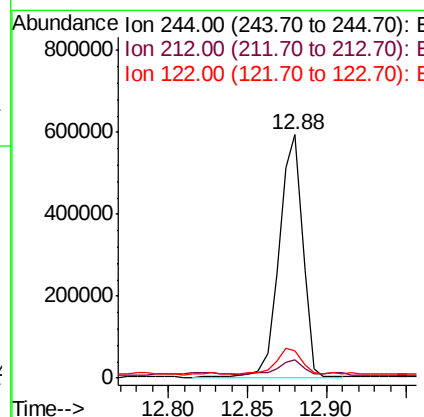
RT: 12.88 min Scan# 1835

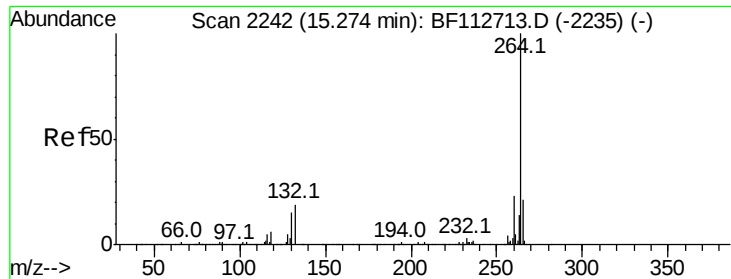
Delta R.T. 0.06 min

Lab File: BF113110.D

Acq: 19 Mar 2019 00:45

Tgt Ion:	244	Resp:	609950
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.6	8.4
122	11.5	10.5	15.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF113110.D
Acq: 19 Mar 2019 00:45

Instrument :
BNA_F
ClientSampleId :
P-2-E.WALL-NORTH

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.8	17.2	25.8

Manual Integrations
APPROVED

Sohil
3/20/2019 6:46:25 PM

