

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117261.D
 Acq On : 26 Sep 2019 2:11
 Operator : JU
 Sample : K5008-09DL 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9DL

Manual Integrations
 APPROVED

mohammad
 9/26/2019 3:54:02 PM

Quant Time: Sep 26 10:57:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	28426	20.00	ng	0.01
21) Naphthalene-d8	8.12	136	116168	20.00	ng	0.02
39) Acenaphthene-d10	9.87	164	56449	20.00	ng	0.01
64) Phenanthrene-d10	11.35	188	76274	20.00	ng	0.02
76) Chrysene-d12	13.98	240	65238	20.00	ng	0.00
87) Perylene-d12	15.43	264	55138	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	85580	47.00	ng	0.00
7) Phenol-d6	6.46	99	126515	53.77	ng	0.00
23) Nitrobenzene-d5	7.39	82	253471	114.64	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	17277	36.62	ng	0.02
45) 2-Fluorobiphenyl	9.18	172	111255	30.82	ng	0.00
79) Terphenyl-d14	12.92	244	97050	27.81	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.78	122	20676m	13.902	ng	Qvalue # 99
31) Naphthalene	8.15	128	28398m	5.083	ng	
38) 1-Methylnaphthalene	8.93	142	449059	127.442	ng	# 41
49) Acenaphthylene	9.73	152	32502m	6.209	ng	
50) Dimethylphthalate	9.58	163	28764	7.197	ng	# 85
52) Acenaphthene	9.90	154	44976	14.493	ng	
55) Dibenzofuran	10.07	168	64061	13.991	ng	# 1
58) Fluorene	10.42	166	87989	23.857	ng	
71) Phenanthrene	11.38	178	267705	61.792	ng	# 97
72) Anthracene	11.43	178	24899	5.629	ng	
75) Fluoranthene	12.56	202	12003	2.696	ng	# 75
78) Pyrene	12.79	202	32103	5.865	ng	

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

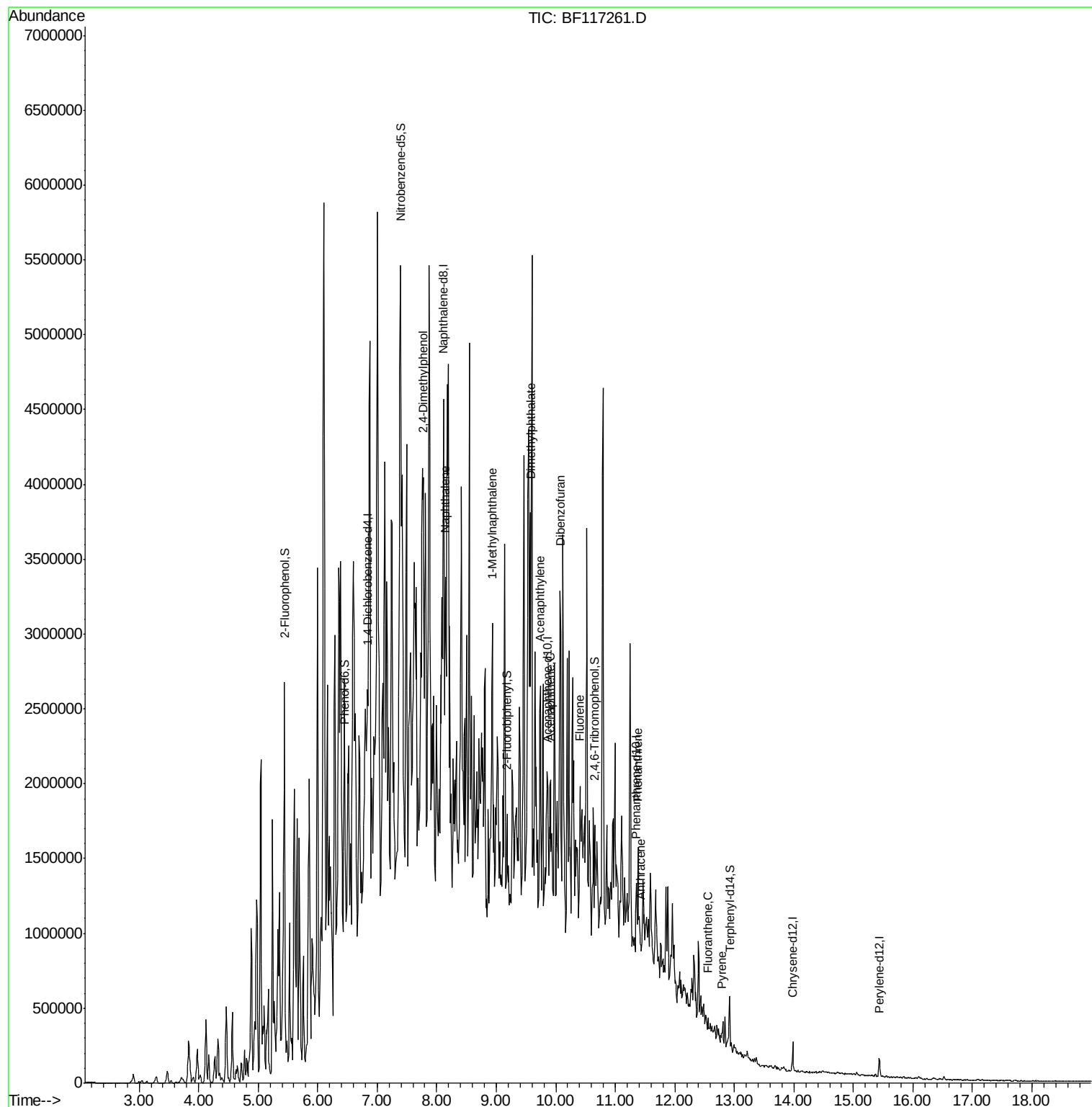
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
Data File : BF117261.D
Acq On : 26 Sep 2019 2:11
Operator : JU
Sample : K5008-09DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

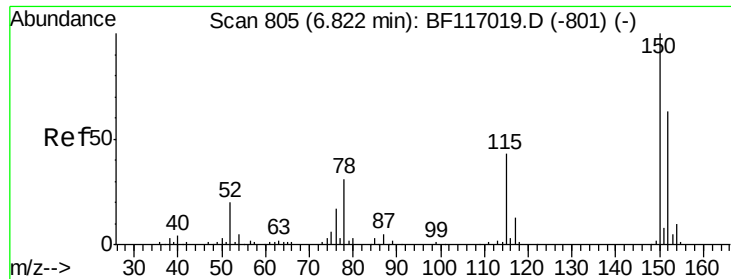
Instrument :
BNA_F
ClientSampleId :
SB-9DL

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Quant Time: Sep 26 10:57:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

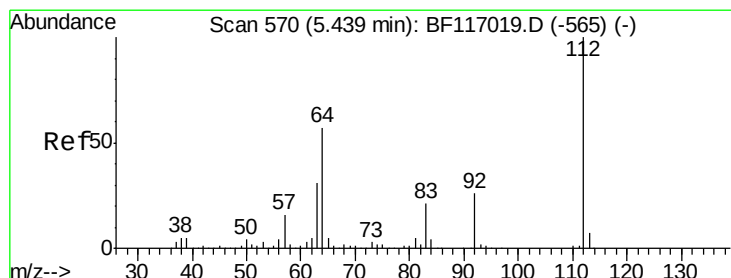
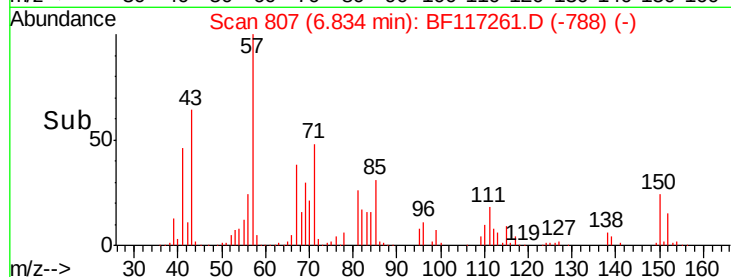
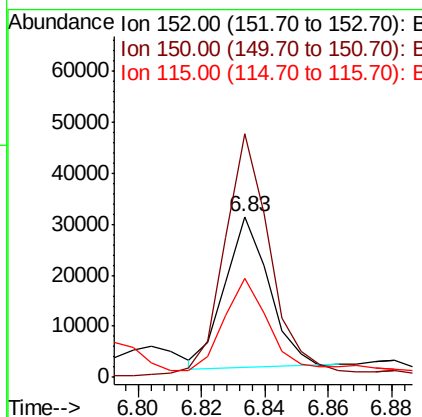
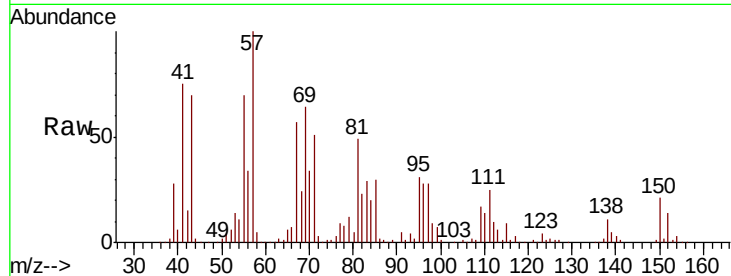
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF117261.D
Acq: 26 Sep 2019 2:11

Instrument :
BNA_F
ClientSampled :
SB-9DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	127.5	191.3
115	61.5	55.0	82.4

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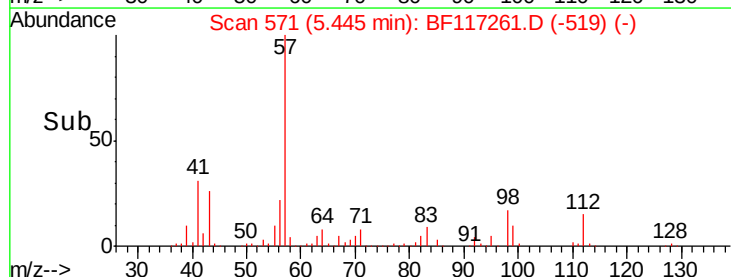
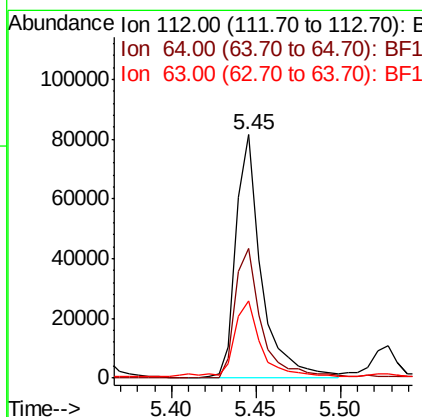
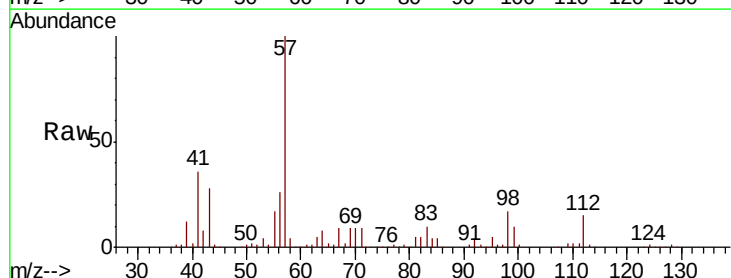
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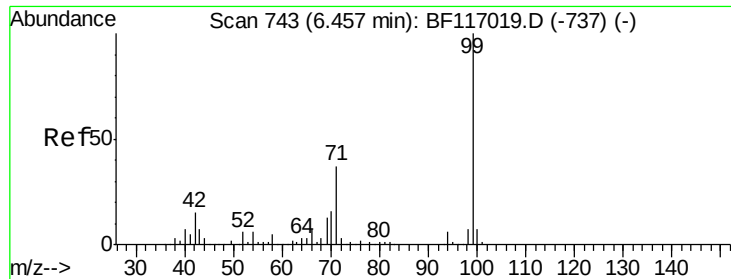


#5

2-Fluorophenol
Concen: 47.003 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117261.D
Acq: 26 Sep 2019 2:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	45.7	68.5
63	31.6	24.9	37.3





#7

Phenol-d6

Concen: 53.767 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117261.D

Acq: 26 Sep 2019 2:11

Instrument :

BNA_F

ClientSampled :

SB-9DL

Tot Ion: 99 Resp: 126515

Ion Ratio Lower Upper

99 100

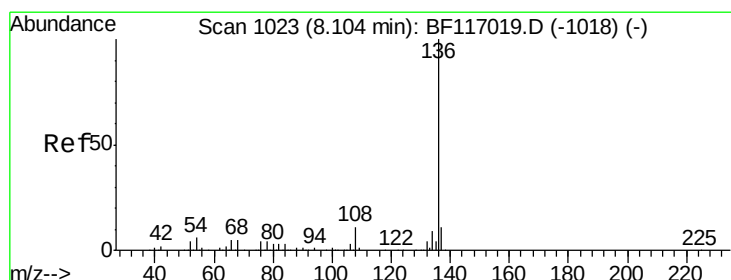
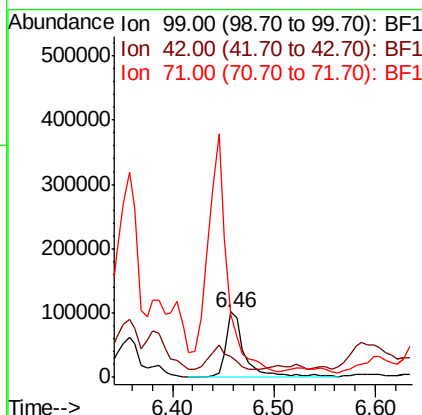
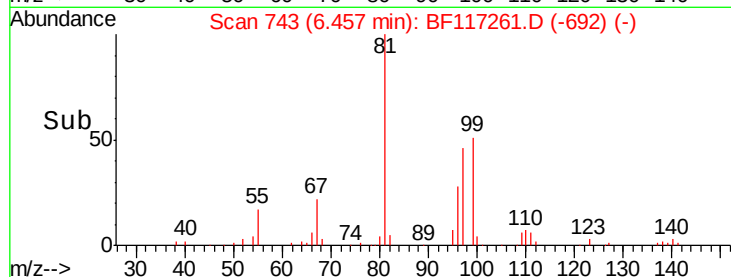
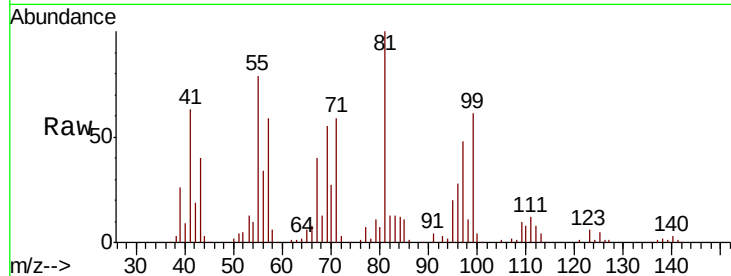
42 31.5 12.2 18.2#

71 96.1 29.8 44.8#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.02 min

Lab File: BF117261.D

Acq: 26 Sep 2019 2:11

Tgt Ion: 136 Resp: 116168

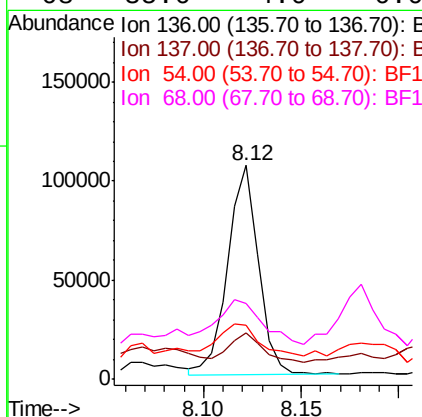
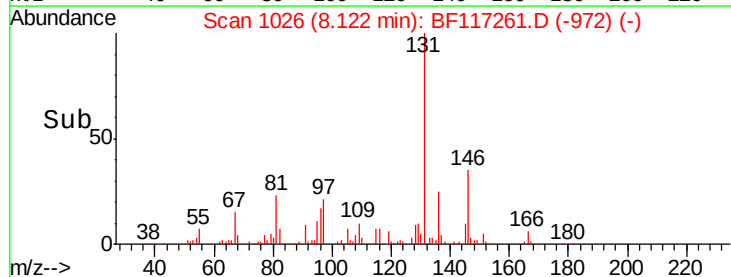
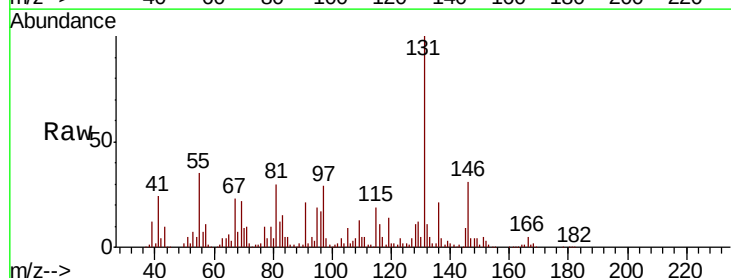
Ion Ratio Lower Upper

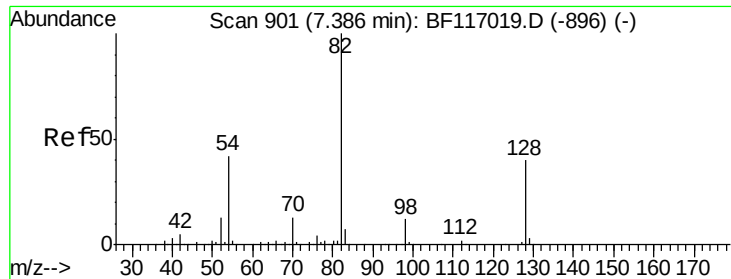
136 100

137 21.5 9.0 13.4#

54 25.0 4.5 6.7#

68 35.6 4.0 6.0#





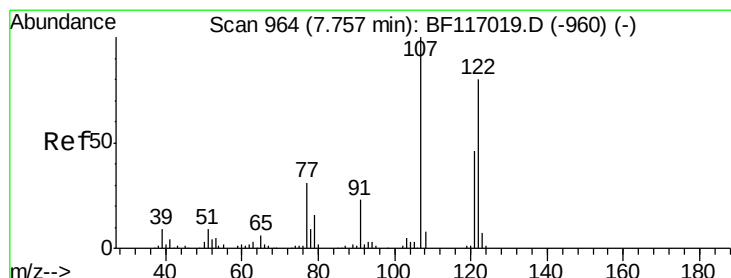
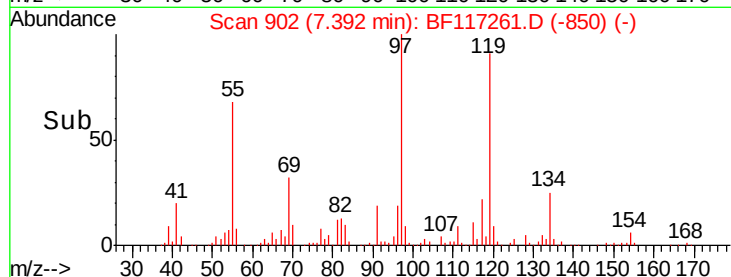
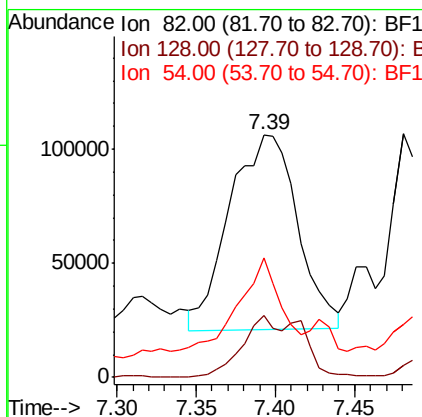
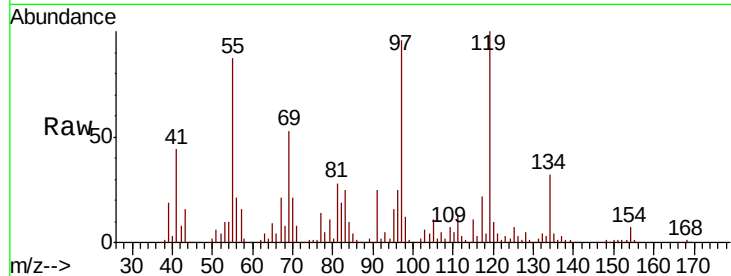
#23
 Nitrobenzene-d5
 Concen: 114.644 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF117261.D
 Acq: 26 Sep 2019 2:11

Instrument :
 BNA_F
 ClientSampled :
 SB-9DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	25.5	32.3	48.5#
54	49.0	33.3	49.9

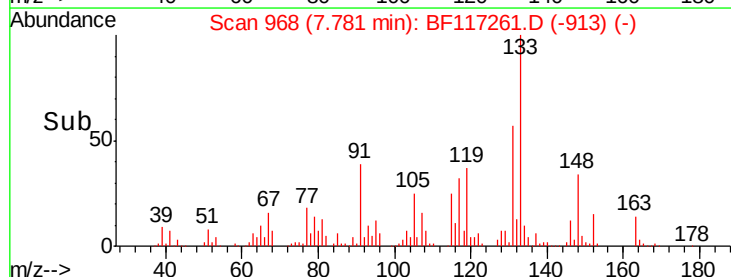
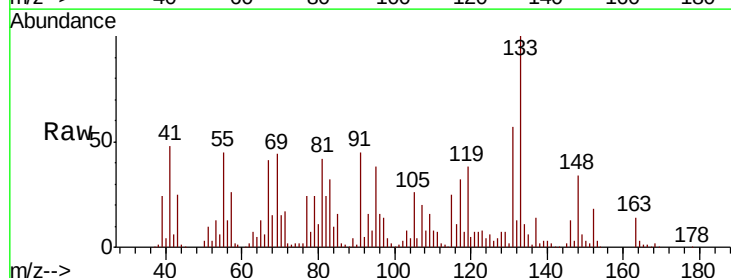
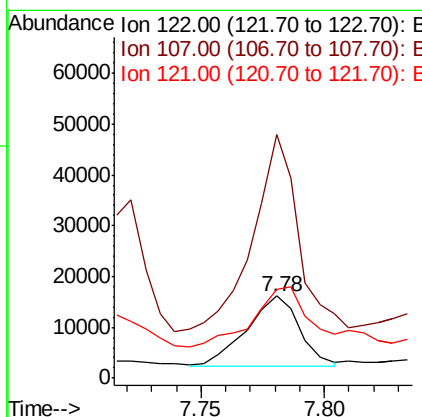
Manual Integrations
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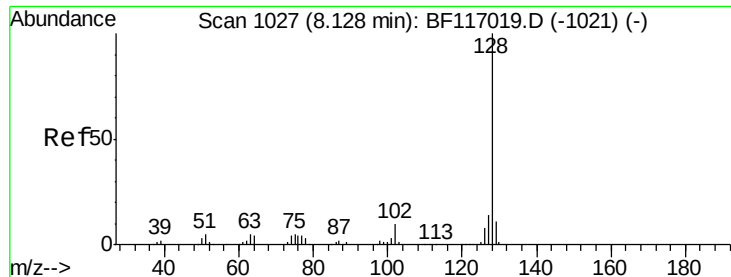
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#27
 2,4-Dimethylphenol
 Concen: 13.902 ng m
 RT: 7.78 min Scan# 968
 Delta R.T. 0.02 min
 Lab File: BF117261.D
 Acq: 26 Sep 2019 2:11

Tgt Ion	Ratio	Lower	Upper
122	100		
107	297.2	98.9	148.3#
121	108.6	45.3	67.9#





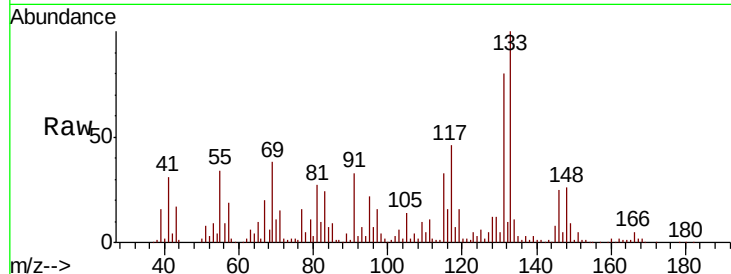
#31
Naphthalene
Concen: 5.083 ng m
RT: 8.15 min Scan# 1030
Delta R.T. 0.02 min
Lab File: BF117261.D
Acq: 26 Sep 2019 2:11

Instrument :
BNA_F
ClientSampled :
SB-9DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	100.5	9.0	13.4#
127	42.5	10.8	16.2#

Manual Integrations
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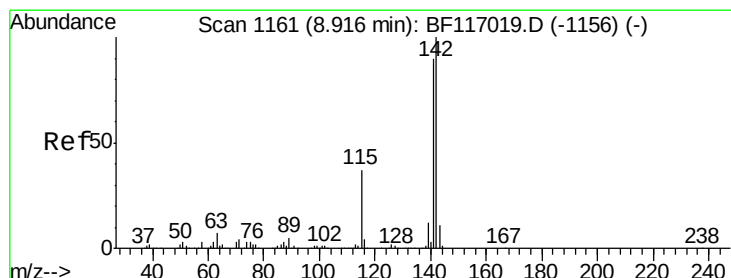
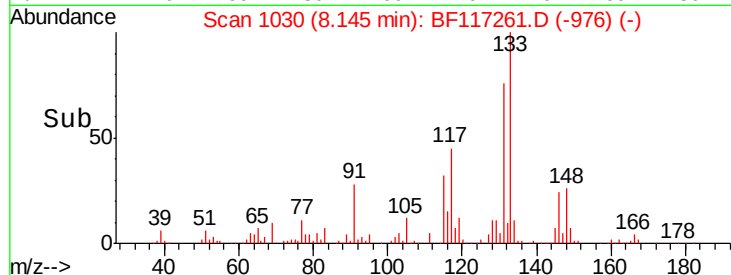
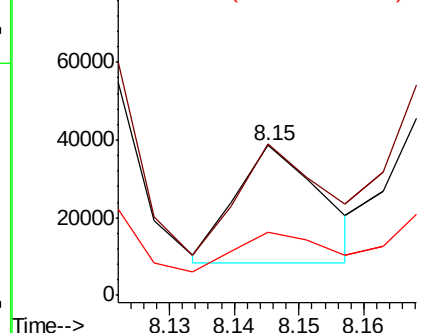


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38
1-Methylnaphthalene
Concen: 127.442 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.02 min
Lab File: BF117261.D
Acq: 26 Sep 2019 2:11

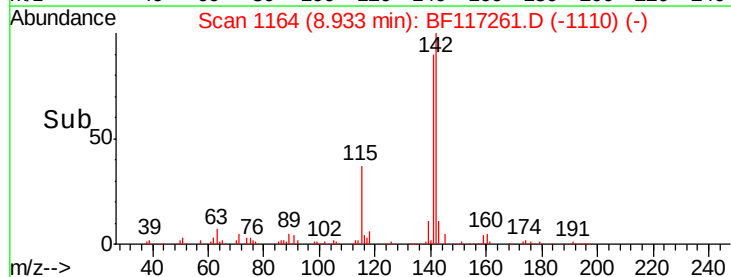
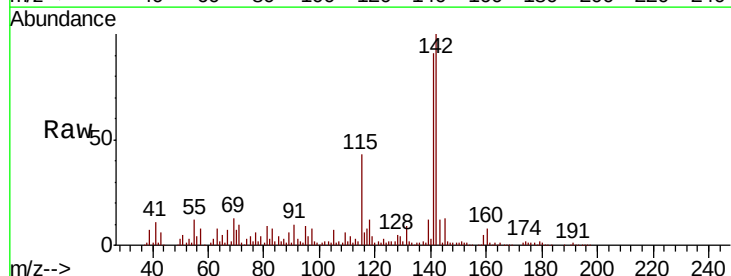
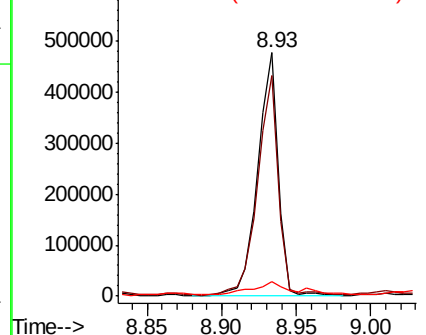
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
116	5.8	3.2	4.8#

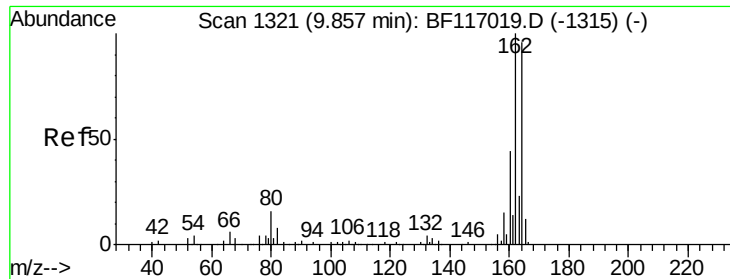
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





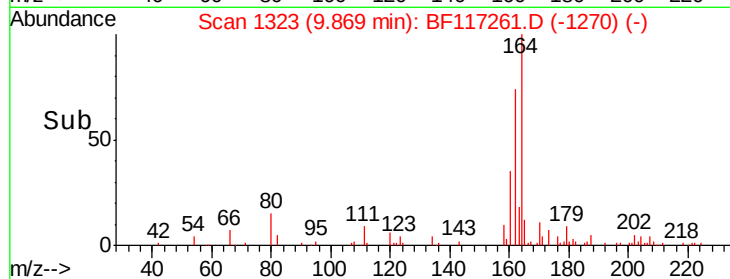
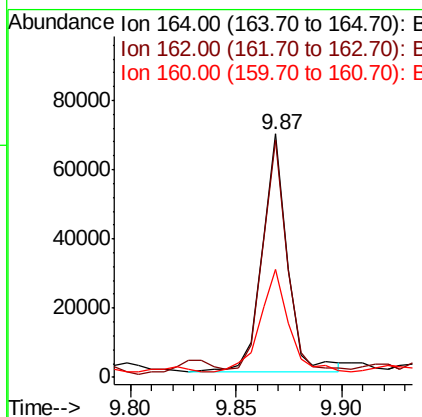
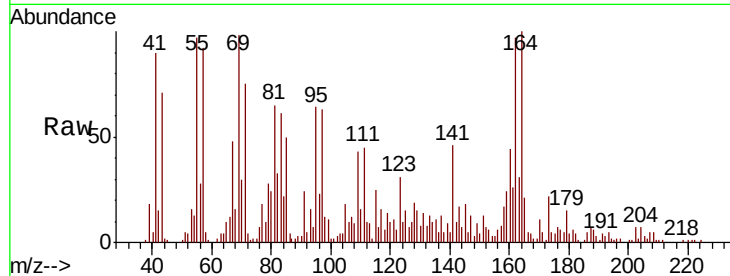
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF117261.D
Acq: 26 Sep 2019 2:11

Instrument :
BNA_F
ClientSampleId :
SB-9DL

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	97.3	83.4	125.2	
160	44.2	36.4	54.6	

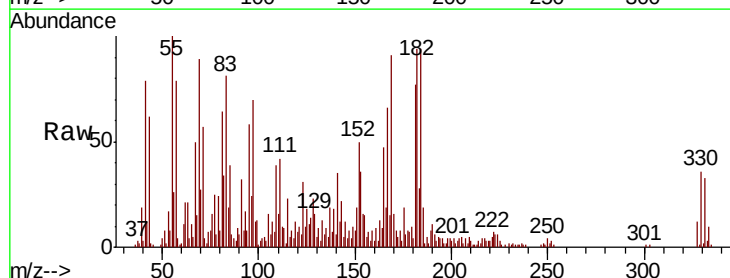
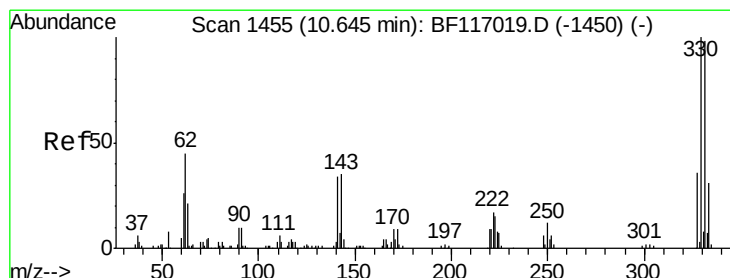
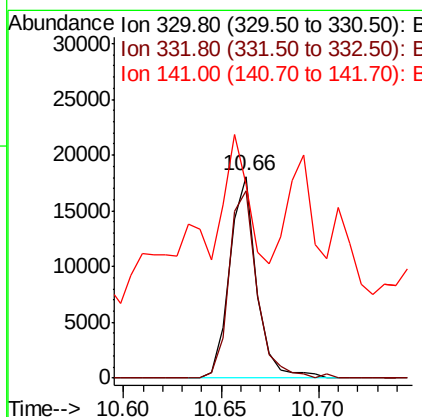
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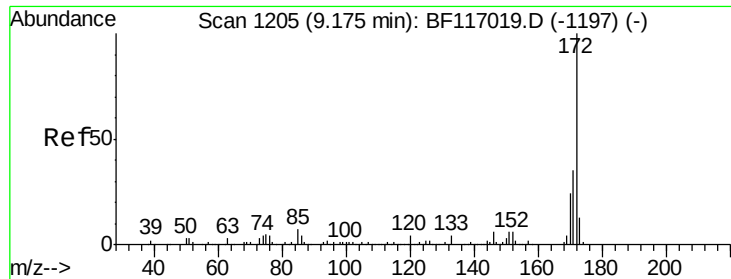
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#42
2,4,6-Tribromophenol
Concen: 36.621 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.02 min
Lab File: BF117261.D
Acq: 26 Sep 2019 2:11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	78.0	117.0	
141	164.4	35.8	53.6	





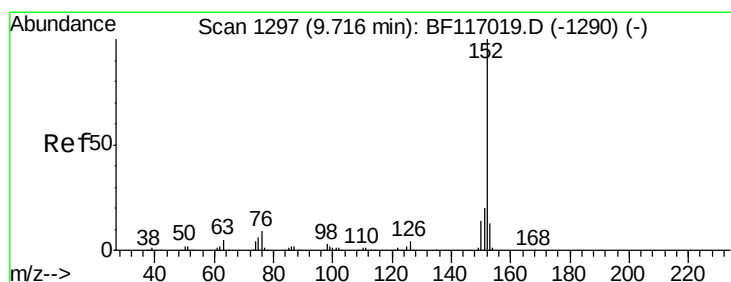
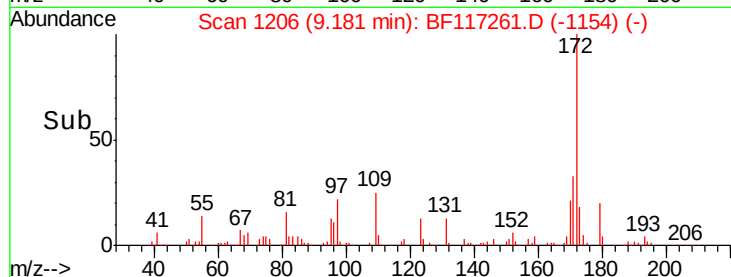
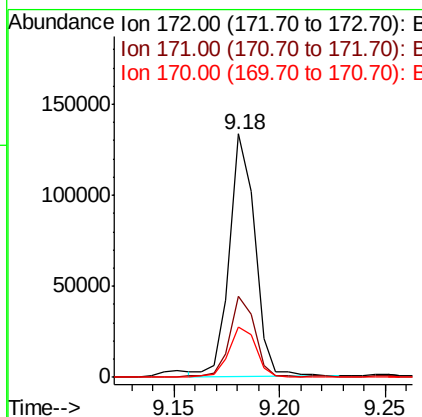
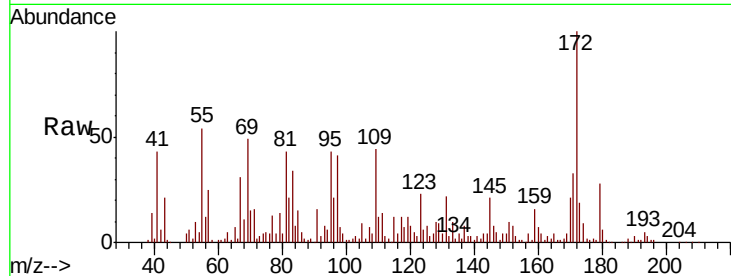
#45
2-Fluorobiphenyl
Concen: 30.816 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117261.D
Acq: 26 Sep 2019 2:11

Instrument :
BNA_F
ClientSampleId :
SB-9DL

Tot Ion:	172	Resp:	111255
Ion Ratio	Lower	Upper	
172	100		
171	33.1	28.2	42.2
170	20.7	18.9	28.3

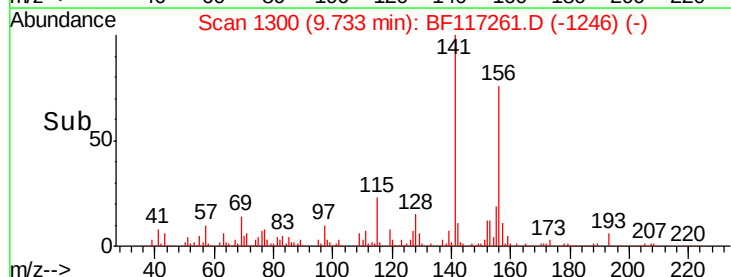
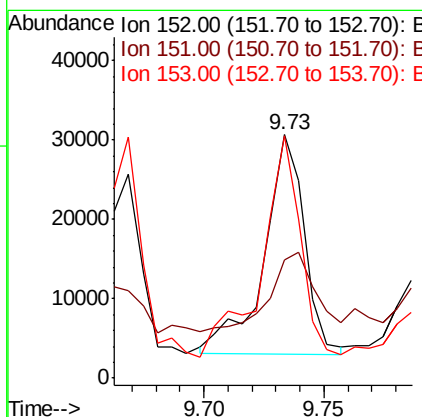
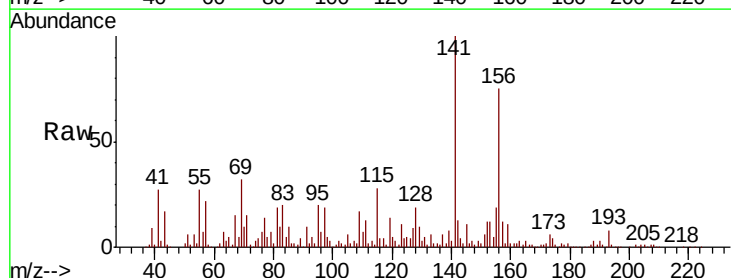
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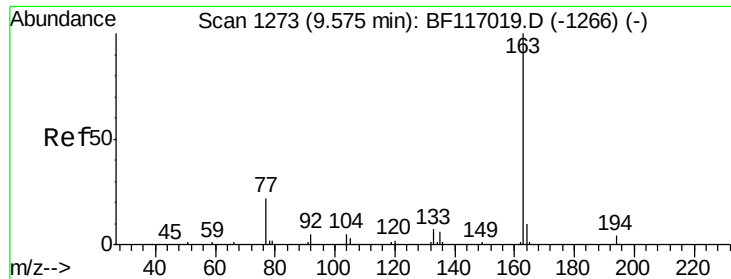
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#49
Acenaphthylene
Concen: 6.209 ng m
RT: 9.73 min Scan# 1300
Delta R.T. 0.02 min
Lab File: BF117261.D
Acq: 26 Sep 2019 2:11

Tgt Ion:	152	Resp:	32502
Ion Ratio	Lower	Upper	
152	100		
151	48.5	16.2	24.2#
153	99.6	10.2	15.4#





#50

Dimethylphthalate

Concen: 7.197 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF117261.D

Acq: 26 Sep 2019 2:11

Instrument :

BNA_F

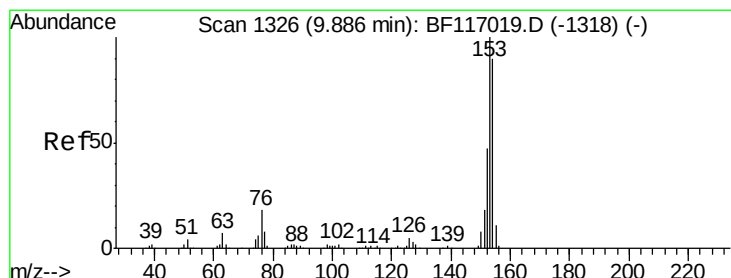
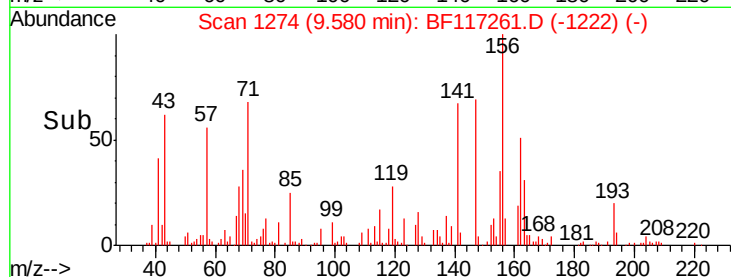
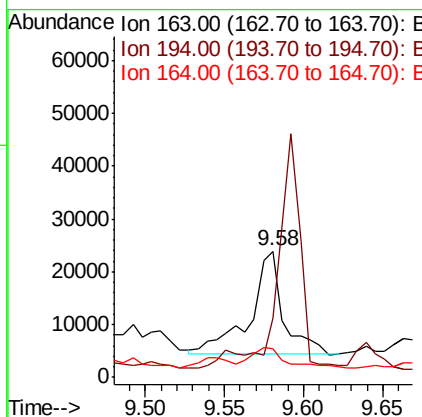
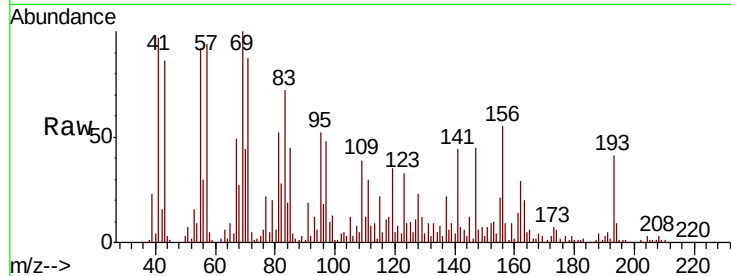
ClientSampled :

SB-9DL

Tot Ion:	163	Resp:	28764
Ion Ratio	Lower	Upper	
163	100		
194	46.5	2.9	4.3#
164	23.1	8.2	12.4#

Manual Integrations
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#52

Acenaphthene

Concen: 14.493 ng

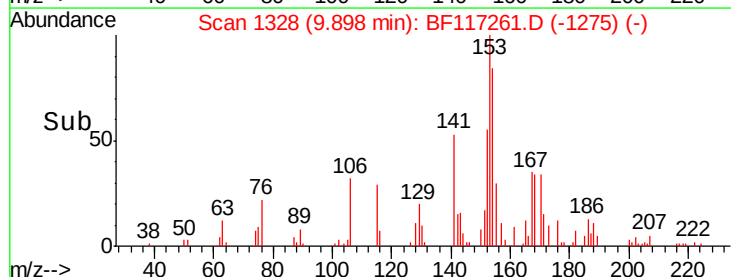
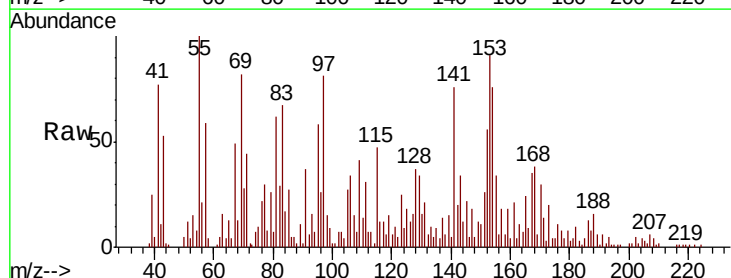
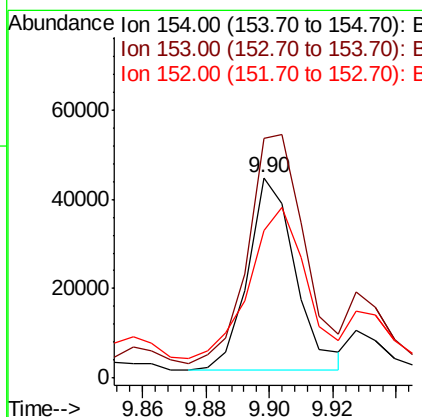
RT: 9.90 min Scan# 1328

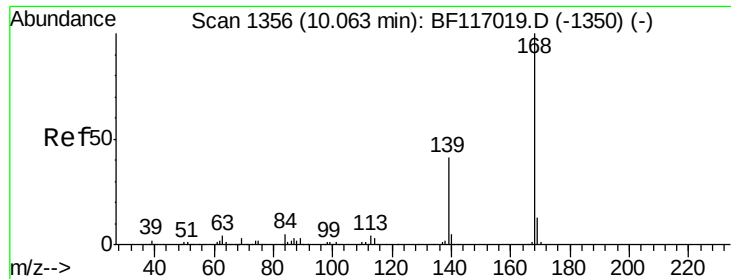
Delta R.T. 0.01 min

Lab File: BF117261.D

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Tgt Ion:	154	Resp:	44976
Ion Ratio	Lower	Upper	
154	100		
153	119.7	89.0	133.6
152	73.9	41.9	62.9#





#55

Dibenzofuran

Concen: 13.991 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF117261.D

Acq: 26 Sep 2019 2:11

Instrument :

BNA_F

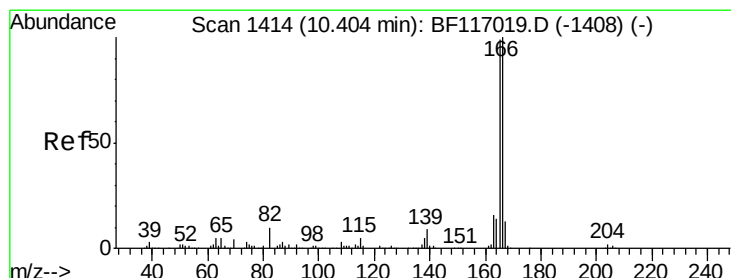
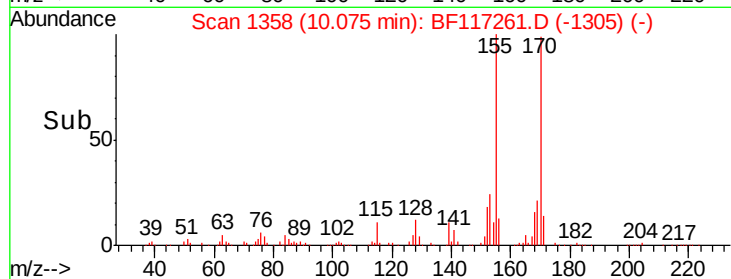
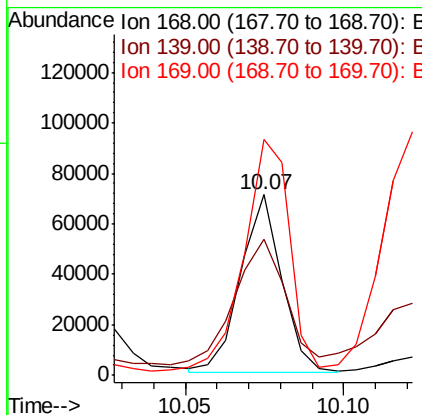
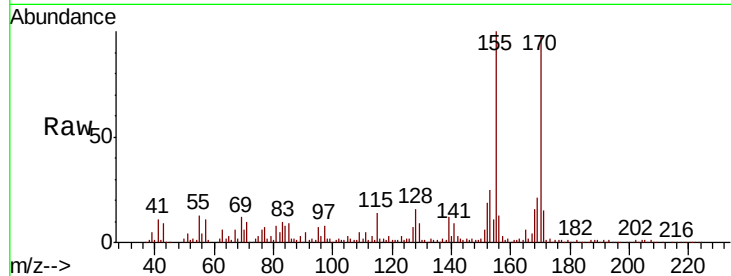
ClientSampled :

SB-9DL

Tot Ion:	168	Resp:	64061
Ion Ratio	Lower	Upper	
168	100		
139	75.4	32.8	49.2#
169	130.5	10.5	15.7#

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#58

Fluorene

Concen: 23.857 ng

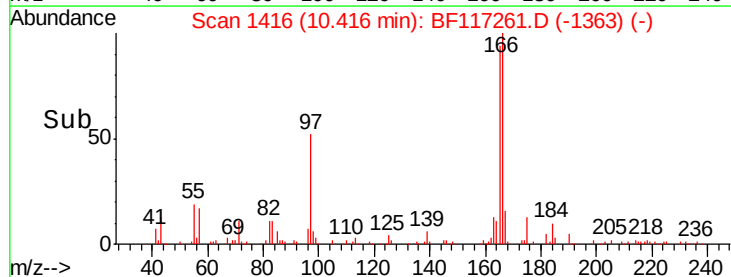
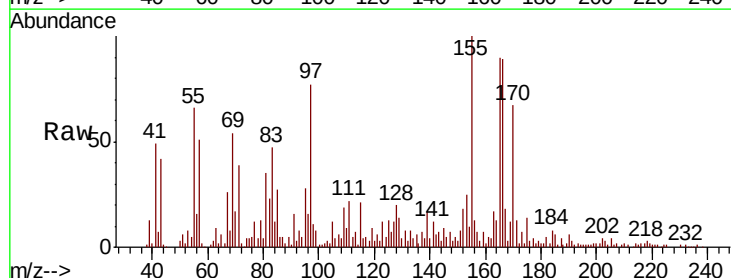
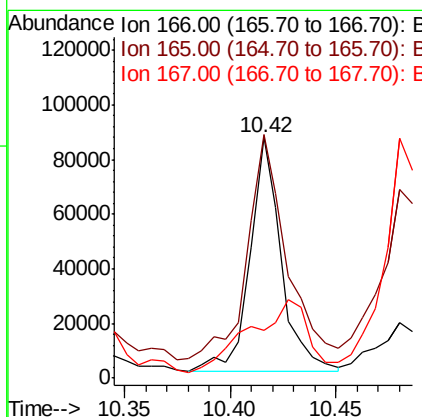
RT: 10.42 min Scan# 1416

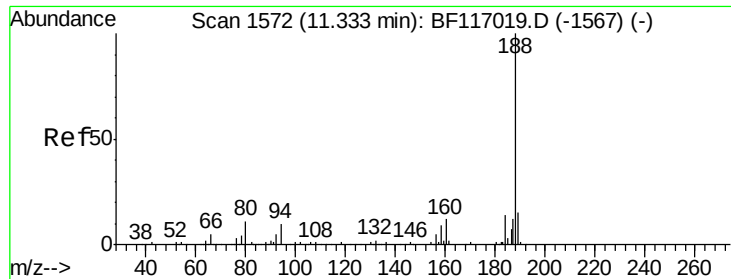
Delta R.T. 0.01 min

Lab File: BF117261.D

Acq: 26 Sep 2019 2:11

Tgt Ion:	166	Resp:	87989
Ion Ratio	Lower	Upper	
166	100		
165	101.1	78.9	118.3
167	19.8	10.6	15.8#





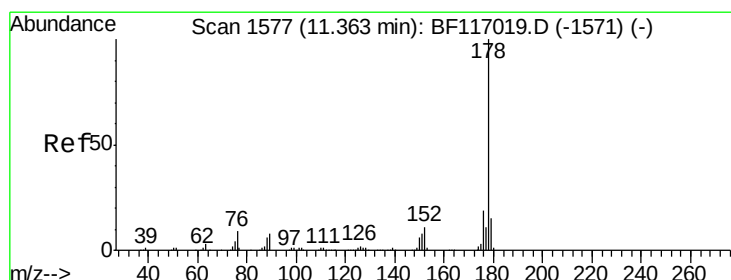
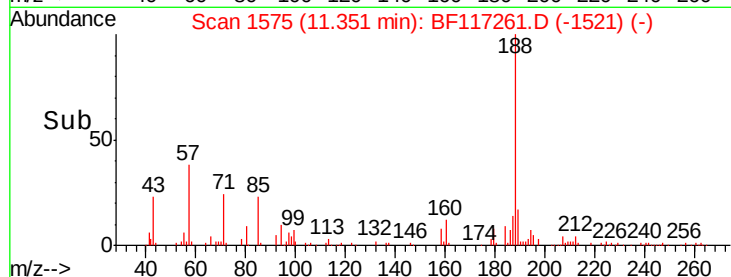
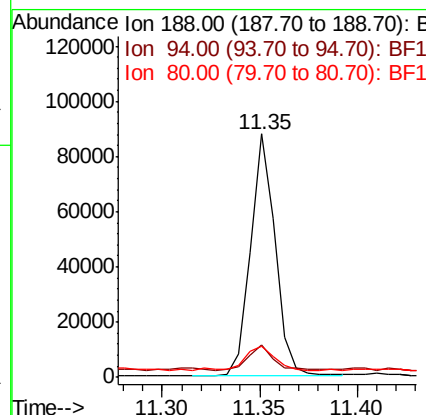
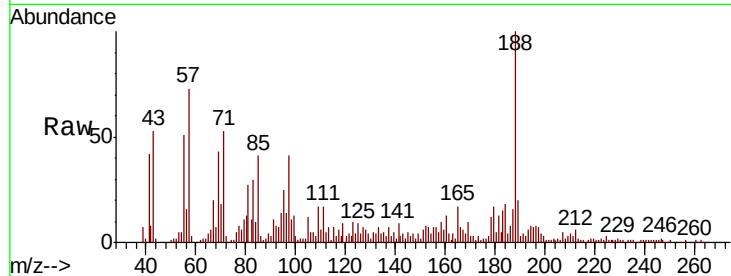
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.02 min
Lab File: BF117261.D
Acq: 26 Sep 2019 2:11

Instrument :
BNA_F
ClientSampleId :
SB-9DL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.5	8.2	12.2#
80	12.6	9.0	13.6

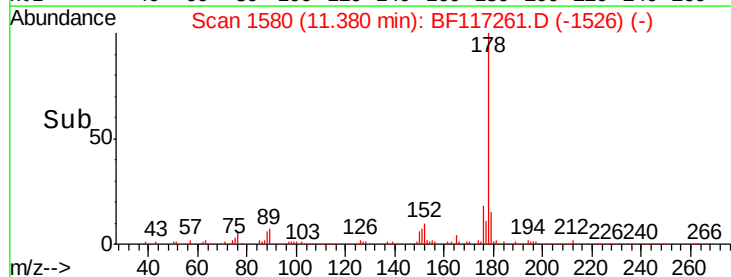
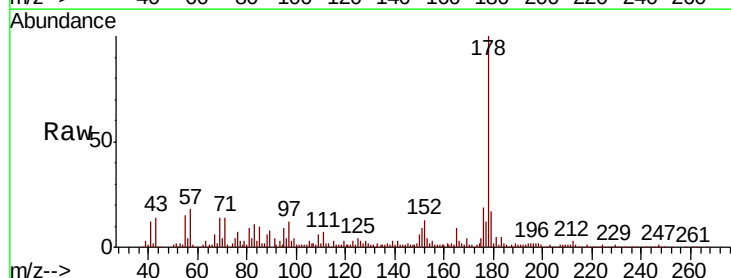
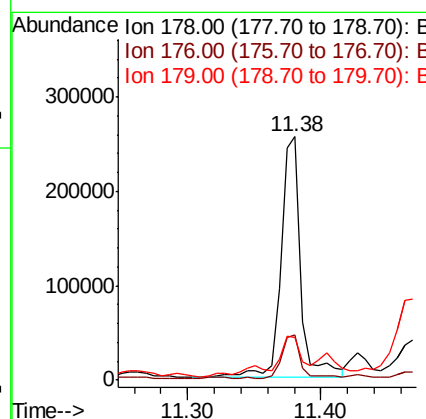
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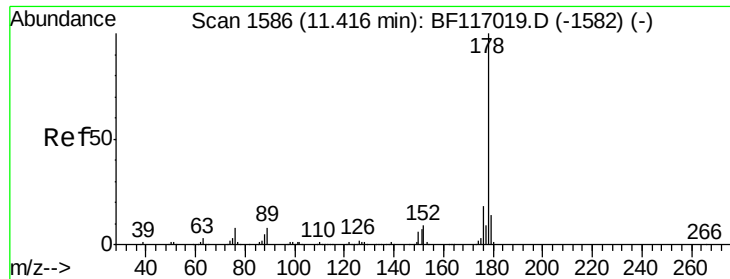
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#71
Phenanthrene
Concen: 61.792 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.02 min
Lab File: BF117261.D
Acq: 26 Sep 2019 2:11

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.6	15.4	23.2
179	17.4	12.4	18.6





#72

Anthracene

Concen: 5.629 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF117261.D

Acq: 26 Sep 2019 2:11

Instrument :

BNA_F

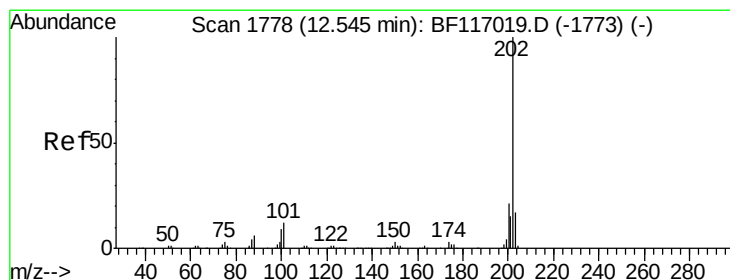
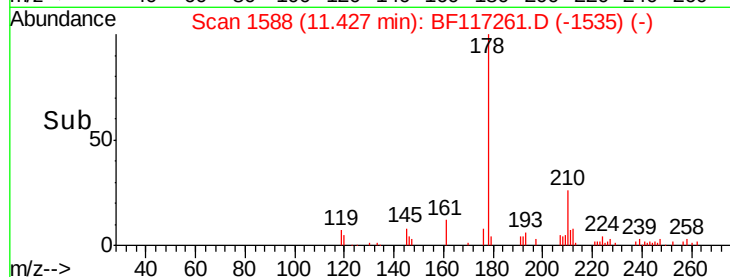
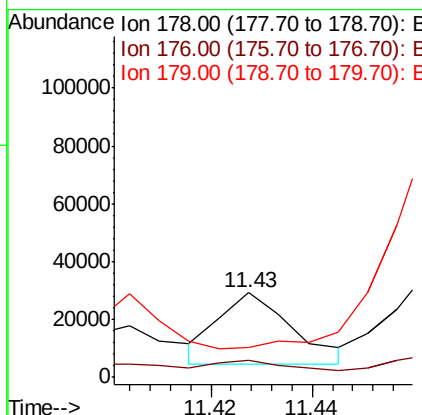
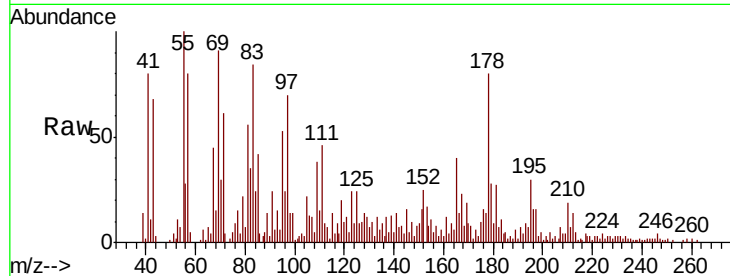
ClientSampled :

SB-9DL

Tot Ion:	178	Resp:	24899
Ion Ratio	Lower	Upper	
178	100		
176	20.3	14.6	21.8
179	35.4	11.6	17.4#

Manual Integrations
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#75

Fluoranthene

Concen: 2.696 ng

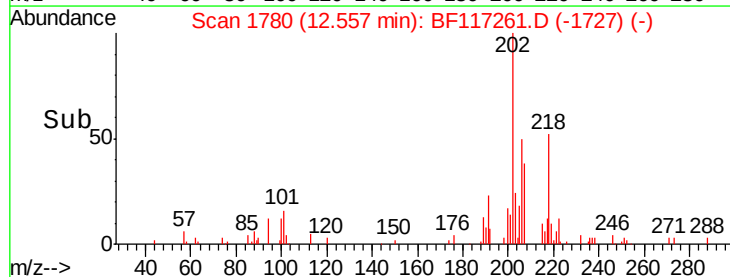
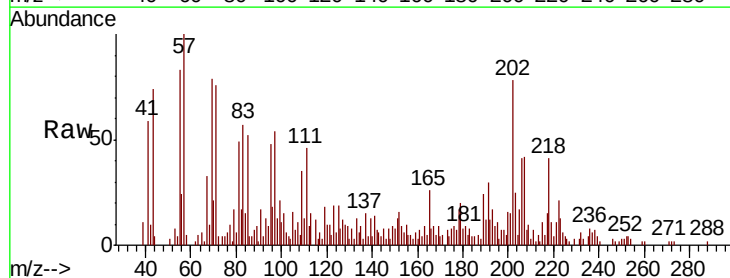
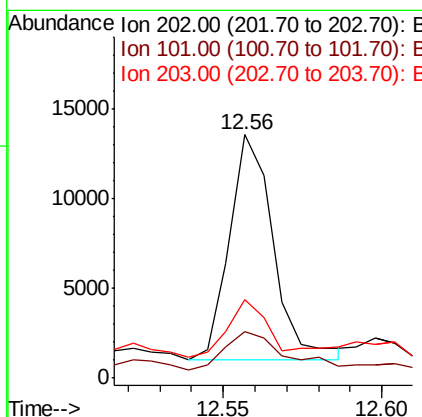
RT: 12.56 min Scan# 1780

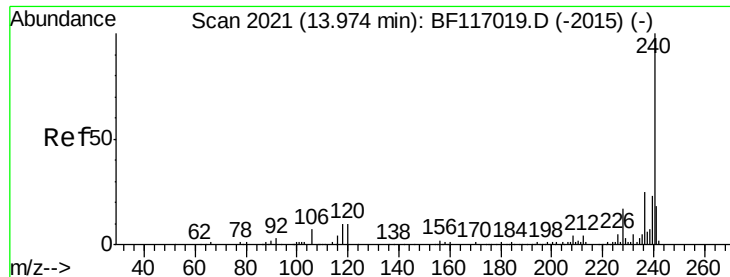
Delta R.T. 0.01 min

Lab File: BF117261.D

Acq: 26 Sep 2019 2:11

Tgt Ion:	202	Resp:	12003
Ion Ratio	Lower	Upper	
202	100		
101	19.1	0.0	32.3
203	32.3	0.0	37.1





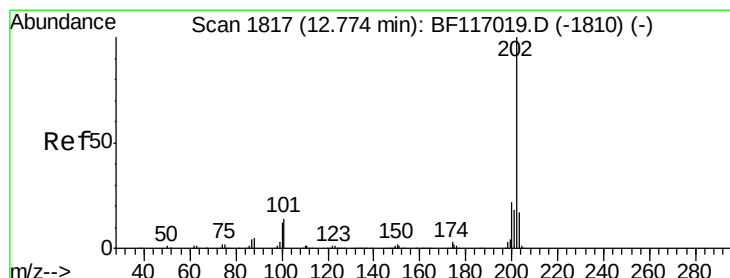
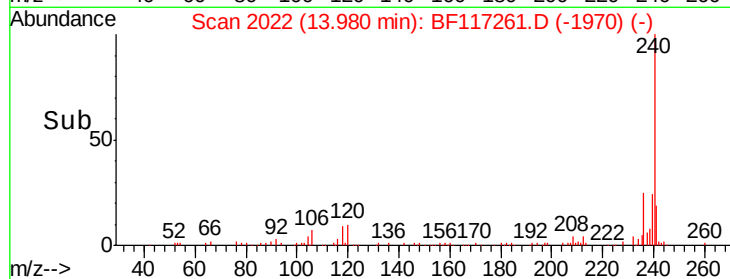
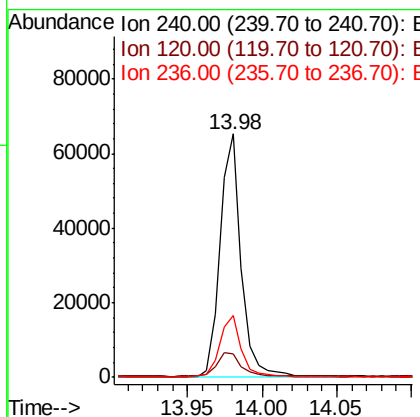
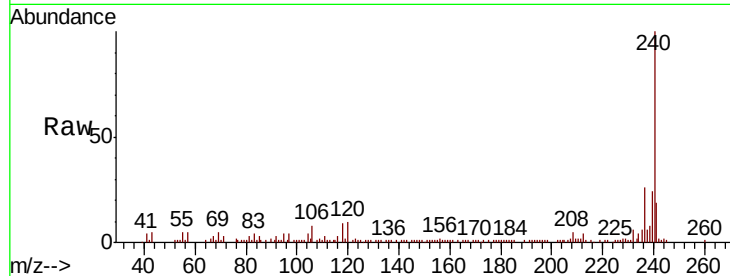
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF117261.D
Acq: 26 Sep 2019 2:11

Instrument :
BNA_F
ClientSampleId :
SB-9DL

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	9.6	8.3	12.5
236	25.5	20.3	30.5

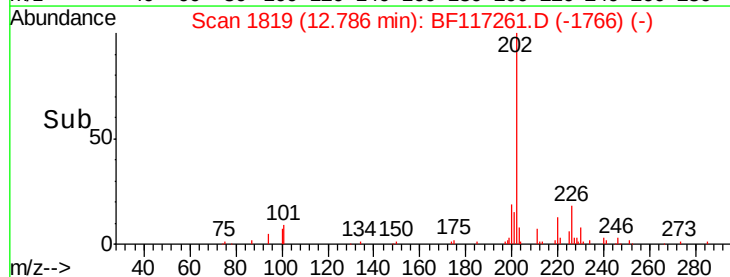
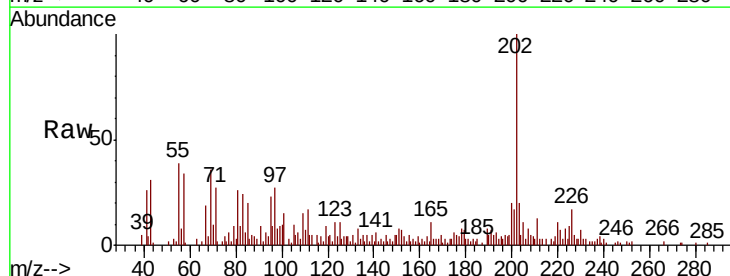
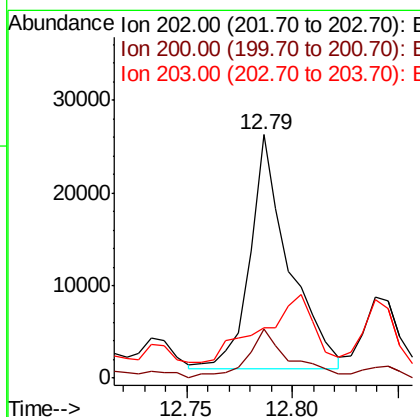
Manual Integrations
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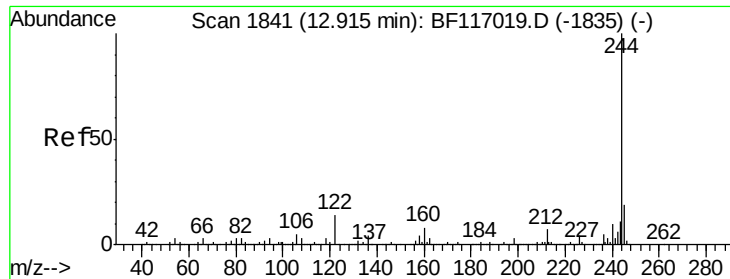
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#78
Pyrene
Concen: 5.865 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117261.D
Acq: 26 Sep 2019 2:11

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	19.9	17.2	25.8
203	20.5	14.0	21.0





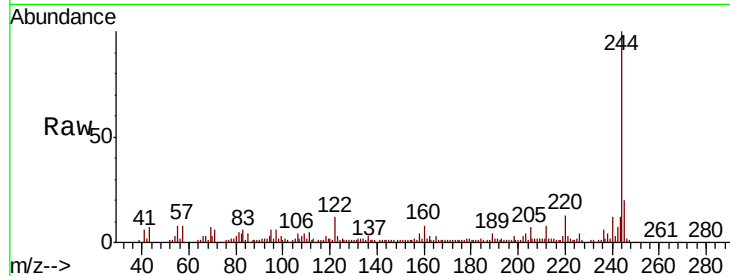
#79
Terphenyl-d14
Concen: 27.807 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF117261.D
Acq: 26 Sep 2019 2:11

Instrument :
BNA_F
ClientSampled :
SB-9DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	11.7	11.3	16.9

Manual Integrations
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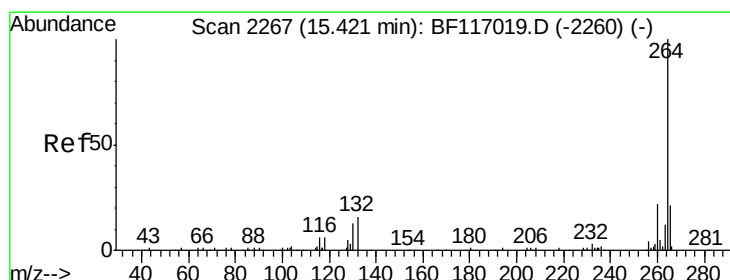
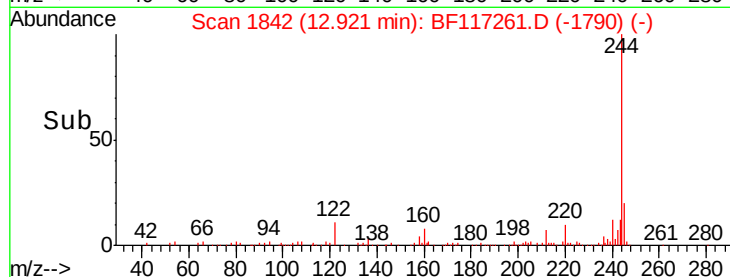
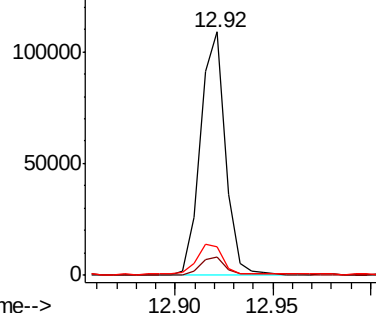


Abundance

Ion 244.00 (243.70 to 244.70): E

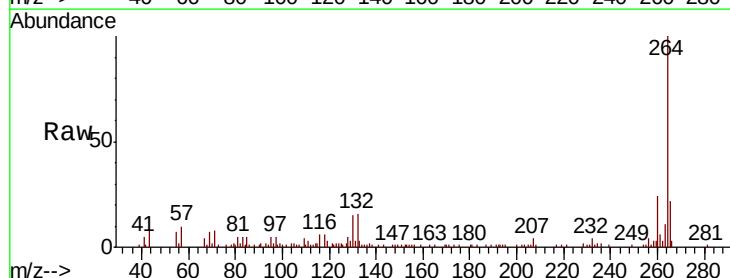
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117261.D
Acq: 26 Sep 2019 2:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.6	26.4
265	22.1	16.6	24.8



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

