

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117960.D
 Acq On : 23 Nov 2019 16:54
 Operator : JU
 Sample : K5972-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 25441-26560

Manual Integrations
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 11/25/2019 2:32:17 PM

Quant Time: Nov 25 10:13:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	146939	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	528395	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	291793	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	563794	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	490810	20.00	ng	-0.02
87) Perylene-d12	15.60	264	496821	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	799724	96.34	ng	-0.02
7) Phenol-d6	6.53	99	1036903	103.56	ng	-0.02
23) Nitrobenzene-d5	7.46	82	631852	71.09	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	314280	101.74	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1148109	70.59	ng	-0.02
79) Terphenyl-d14	13.04	244	1351267	50.32	ng	-0.02
Target Compounds						
31) Naphthalene	8.21	128	57659	2.341	ng	Qvalue # 95
37) 2-Methylnaphthalene	8.90	142	78584	4.722	ng	99
38) 1-Methylnaphthalene	9.00	142	45658m	2.902	ng	
50) Dimethylphthalate	9.66	163	230142	11.247	ng	# 97

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

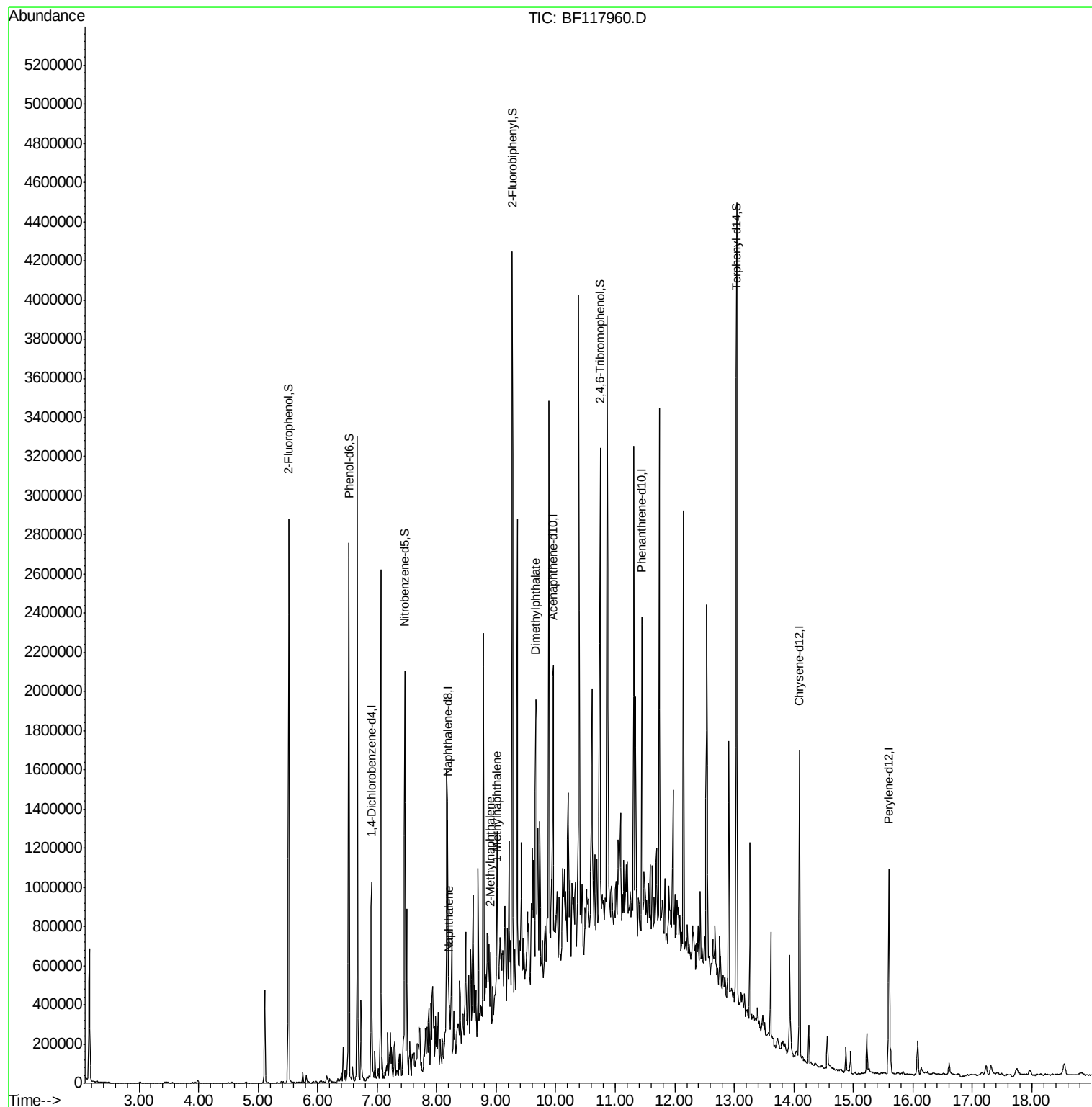
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117960.D
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ALS Vial : 12 Sample Multiplier: 1

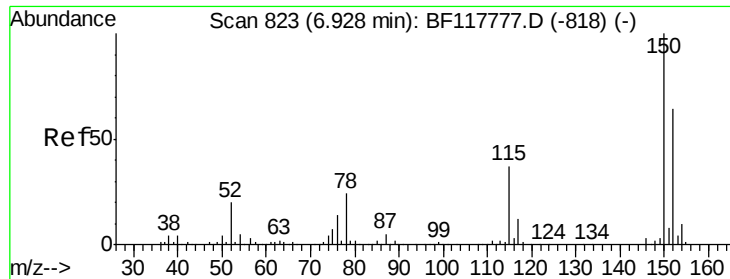
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Nov 25 10:13:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration





#1

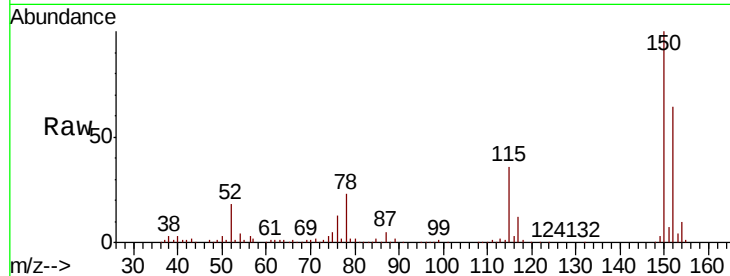
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117960.D
Acq: 23 Nov 2019 16:54

Instrument :
BNA_F
ClientSampleId :
25441-26560

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.3	187.9
115	56.6	47.0	70.4

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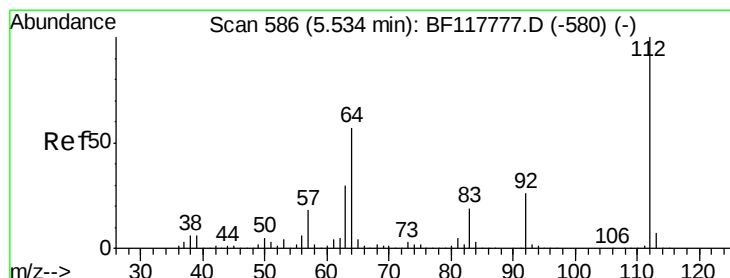
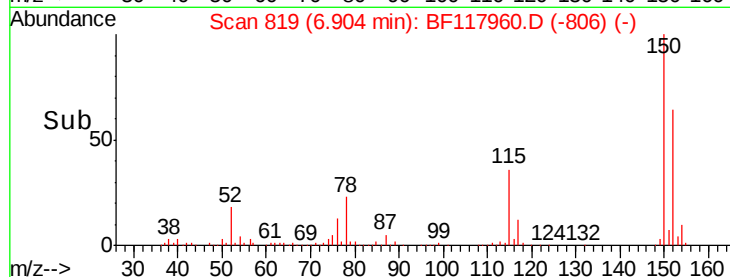
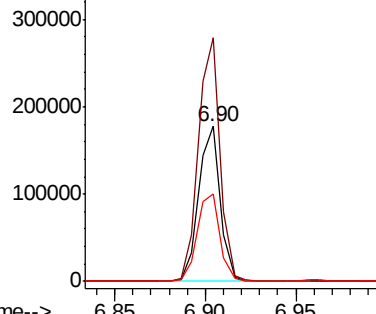


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

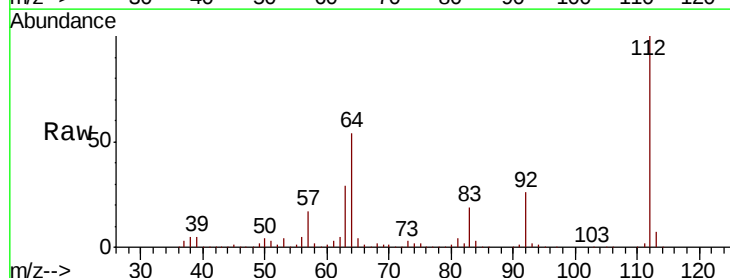
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.339 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF117960.D
Acq: 23 Nov 2019 16:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	45.6	68.4
63	28.9	24.1	36.1

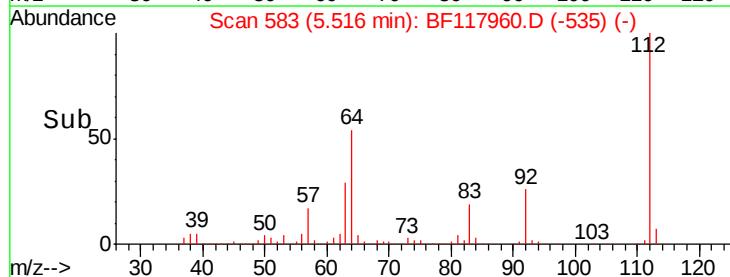
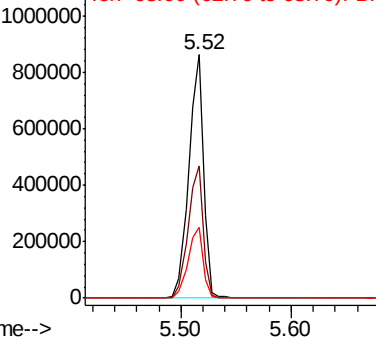


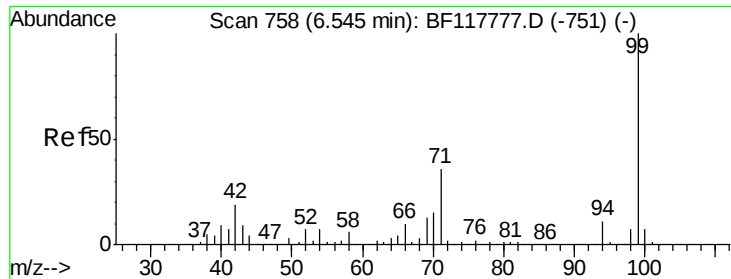
Abundance

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





#7

Phenol-d6

Concen: 103.561 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117960.D

Acq: 23 Nov 2019 16:54

Instrument :

BNA_F

ClientSampleId :

25441-26560

Tot Ion: 99 Resp: 1036903

Ion Ratio Lower Upper

99 100

42 15.9 14.9 22.3

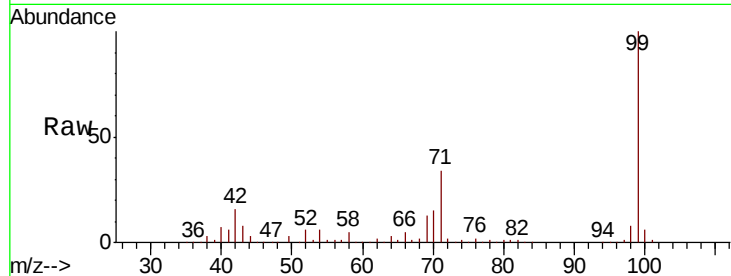
71 34.2 28.6 43.0

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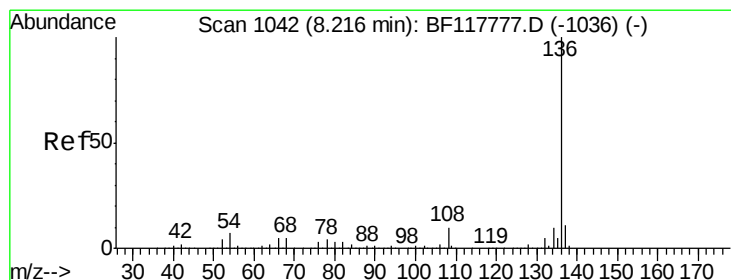
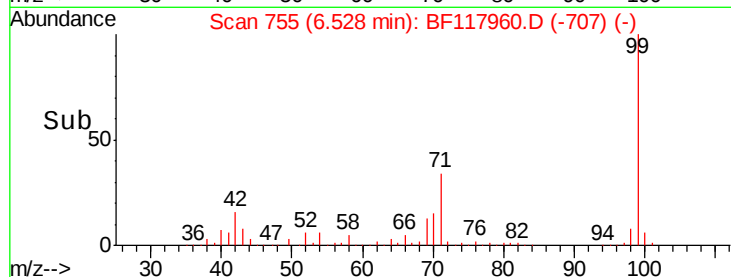
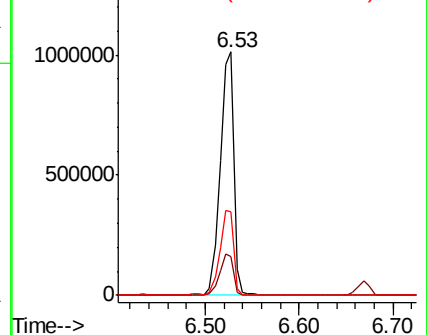
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF117960.D

Acq: 23 Nov 2019 16:54

Tgt Ion: 136 Resp: 528395

Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.4 5.4 8.2

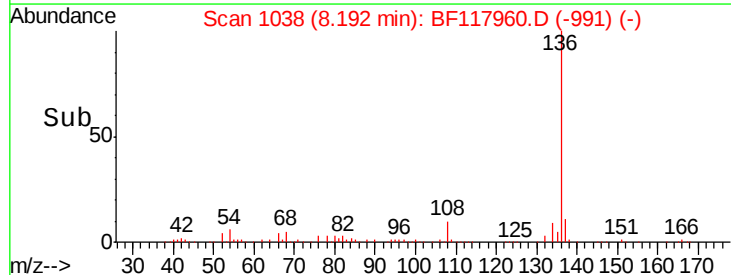
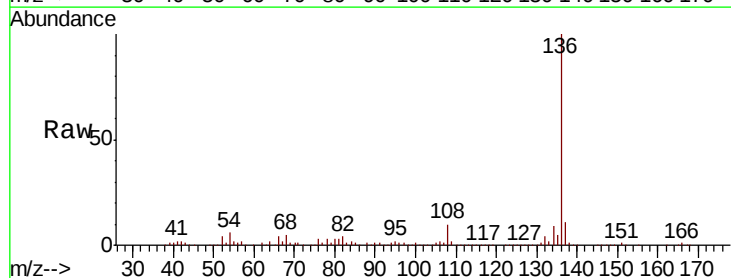
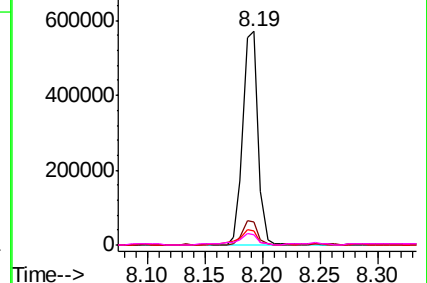
68 5.0 4.3 6.5

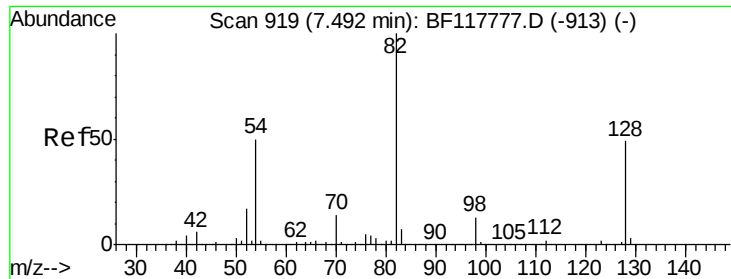
Abundance Ion 136.00 (135.70 to 136.70): E

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





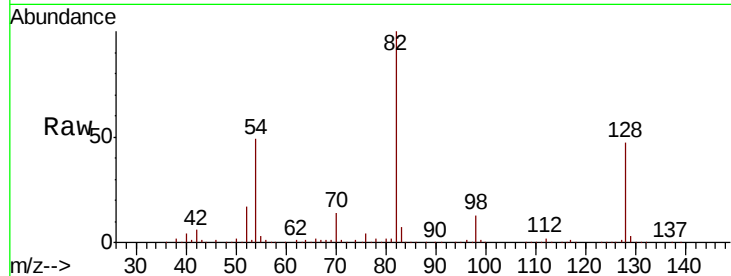
#23
Nitrobenzene-d5
Concen: 71.085 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117960.D
Acq: 23 Nov 2019 16:54

Instrument :
BNA_F
ClientSampleId :
25441-26560

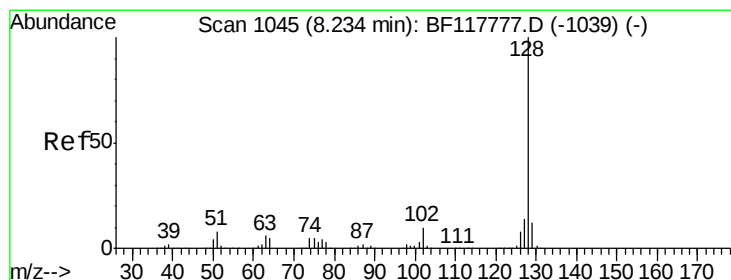
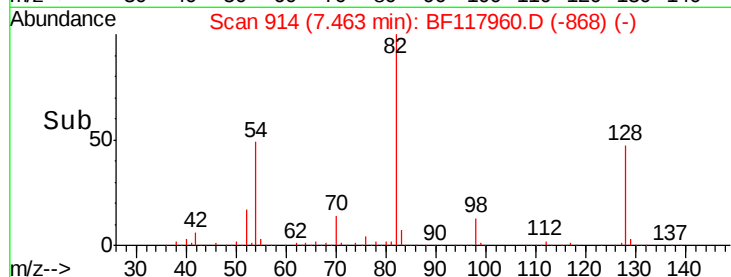
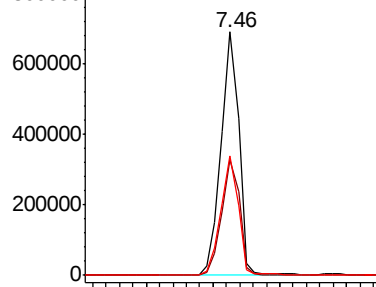
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.9	58.3
54	49.2	39.8	59.6

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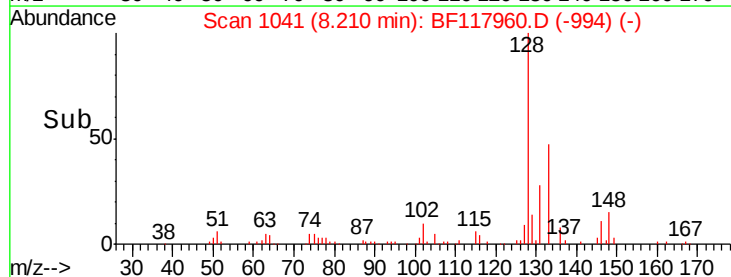
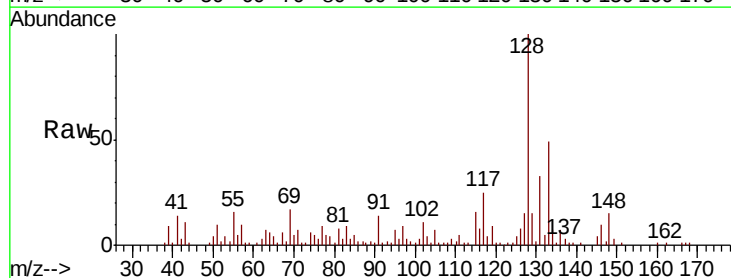
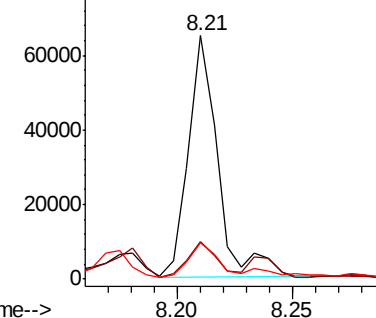
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

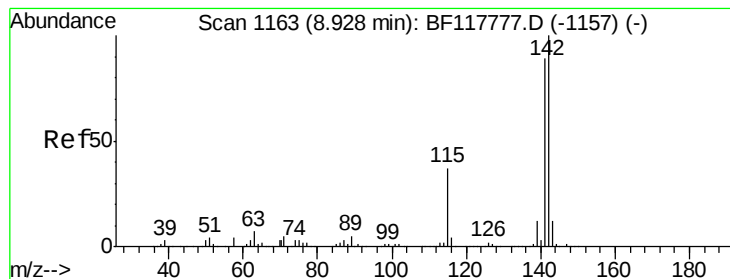


#31
Naphthalene
Concen: 2.341 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF117960.D
Acq: 23 Nov 2019 16:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.3	9.5	14.3#
127	15.1	11.3	16.9

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





#37

2-Methylnaphthalene

Concen: 4.722 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF117960.D

Acq: 23 Nov 2019 16:54

Instrument :

BNA_F

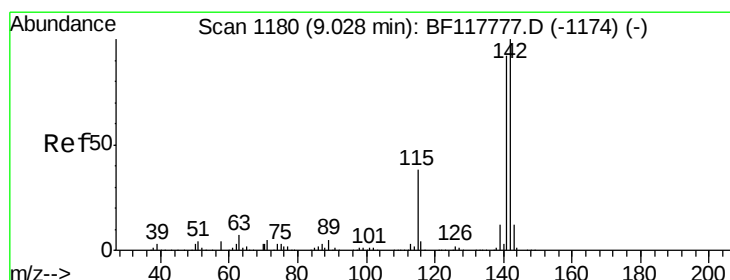
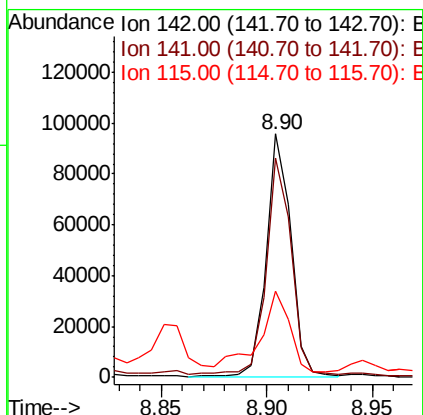
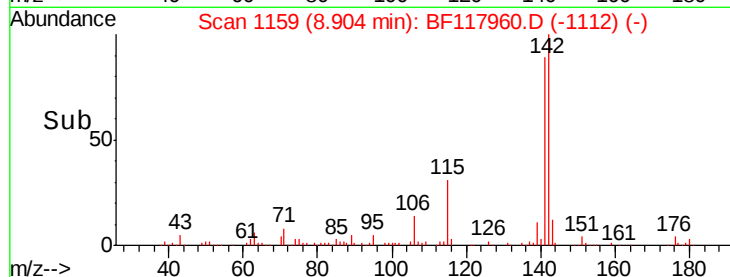
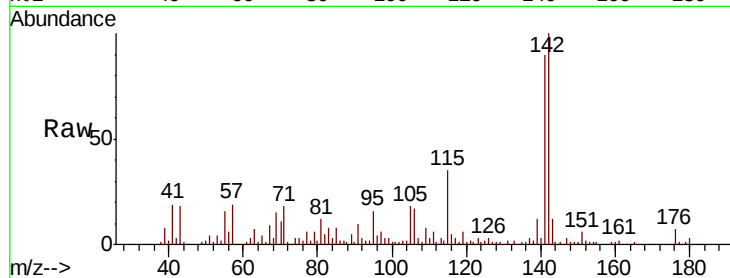
ClientSampleId :

25441-26560

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.1	106.7
115	35.3	29.2	43.8

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#38

1-Methylnaphthalene

Concen: 2.902 ng m

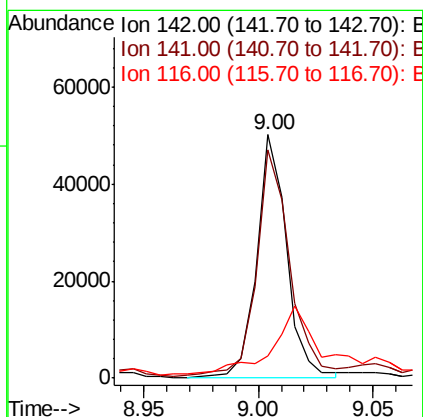
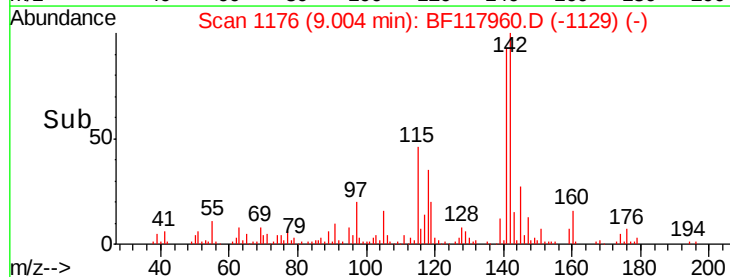
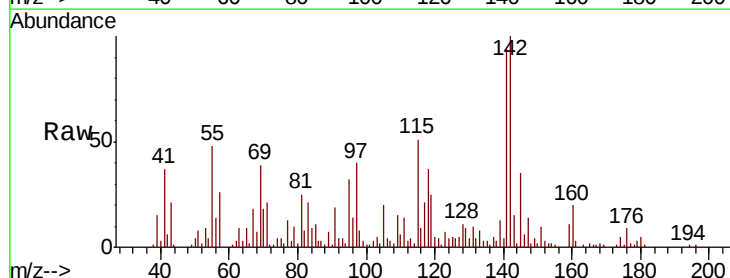
RT: 9.00 min Scan# 1176

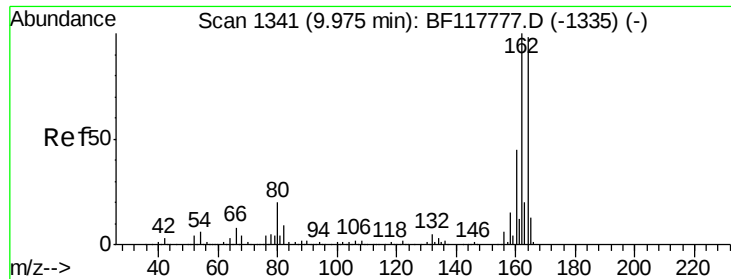
Delta R.T. -0.02 min

Lab File: BF117960.D

Acq: 23 Nov 2019 16:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.5	110.3
116	9.1	3.2	4.8#





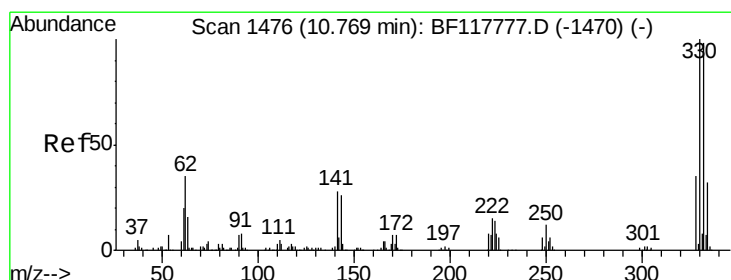
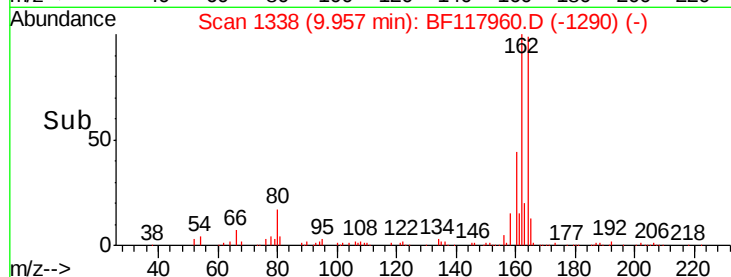
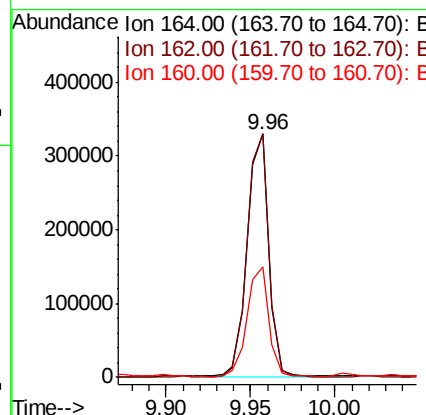
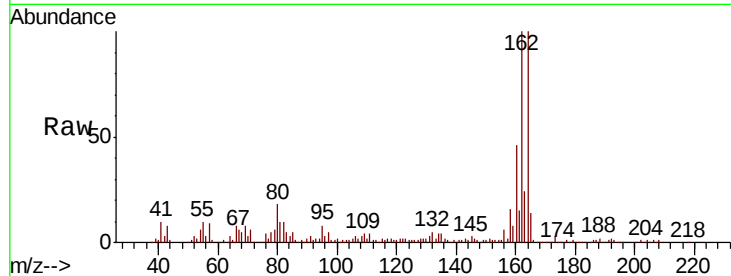
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.02 min
 Lab File: BF117960.D
 Acq: 23 Nov 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 25441-26560

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.2	81.3	121.9	
160	45.7	36.6	55.0	

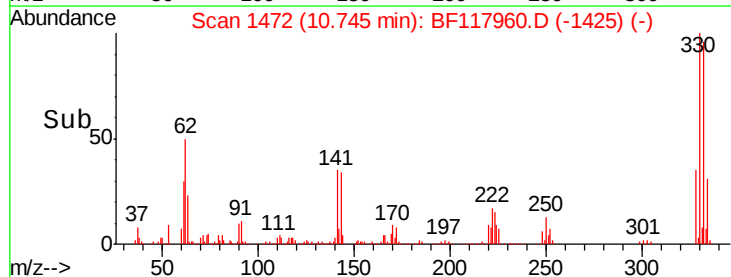
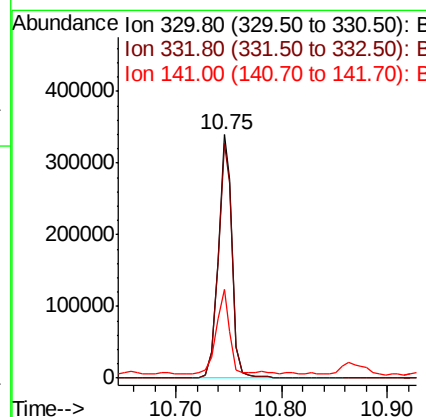
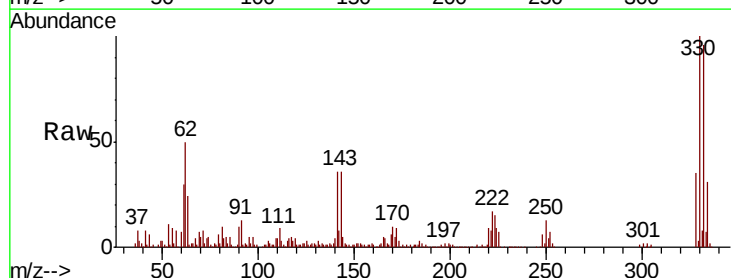
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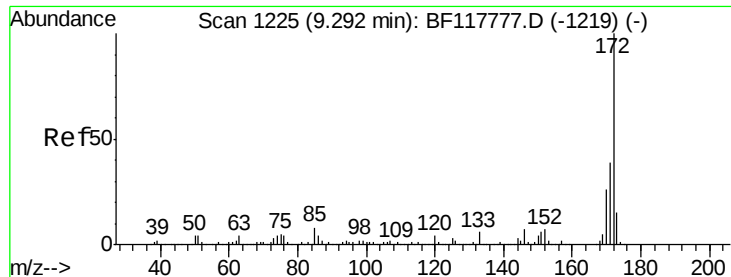
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#42
 2,4,6-Tribromophenol
 Concen: 101.736 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF117960.D
 Acq: 23 Nov 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	76.7	115.1	
141	33.6	27.7	41.5	





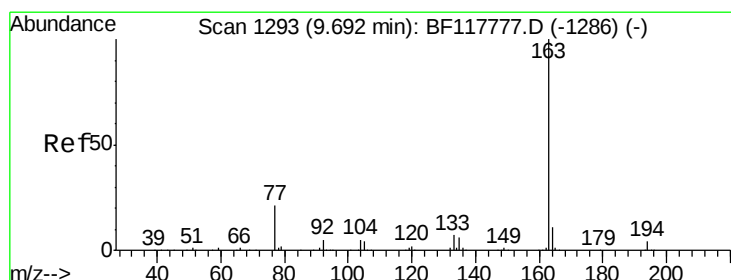
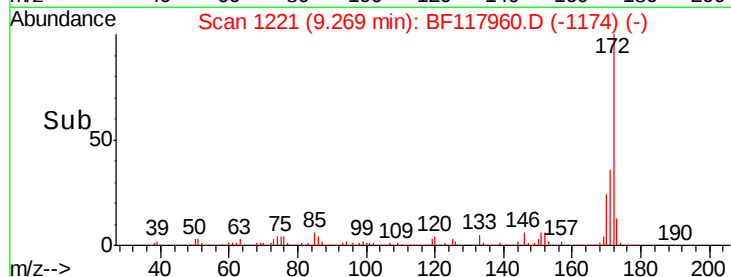
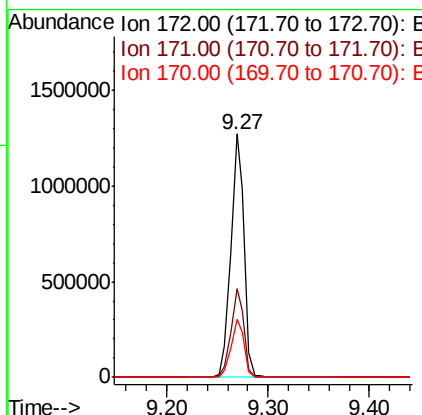
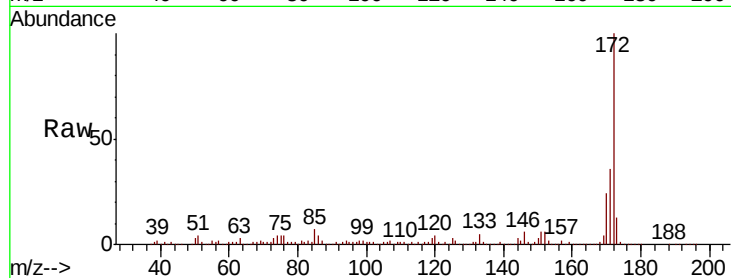
#45
2-Fluorobiphenyl
Concen: 70.589 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117960.D
Acq: 23 Nov 2019 16:54

Instrument :
BNA_F
ClientSampleId :
25441-26560

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.9	46.3
170	23.8	21.0	31.4

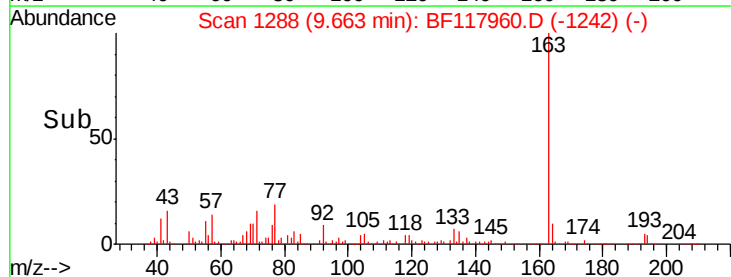
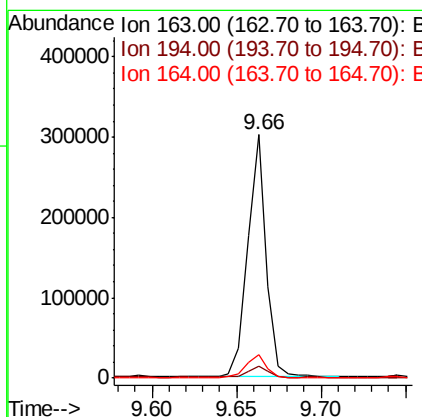
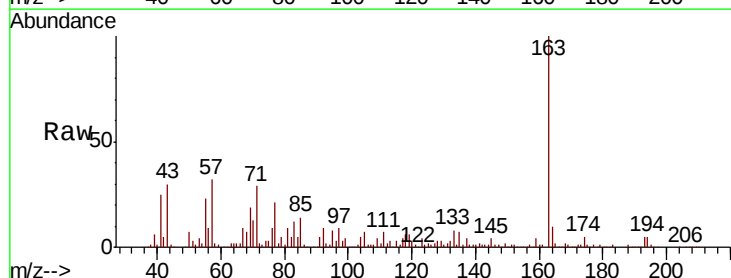
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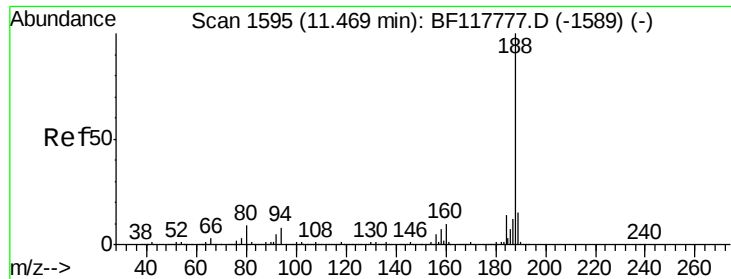
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#50
Dimethylphthalate
Concen: 11.247 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117960.D
Acq: 23 Nov 2019 16:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.3	4.9#
164	9.8	8.7	13.1





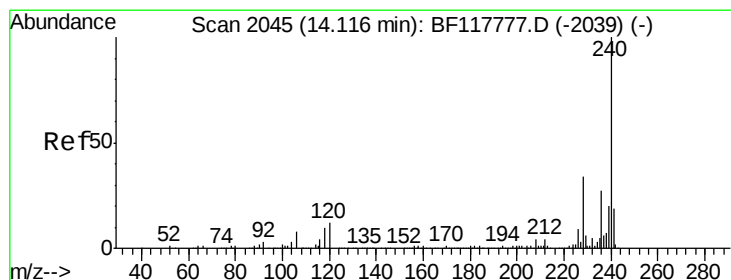
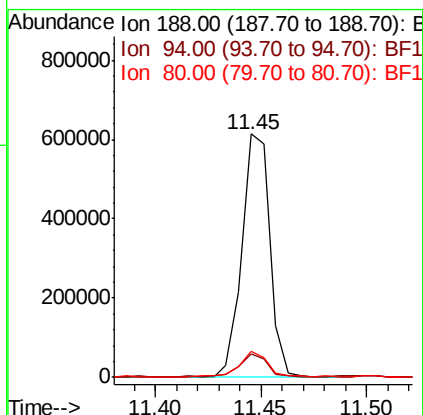
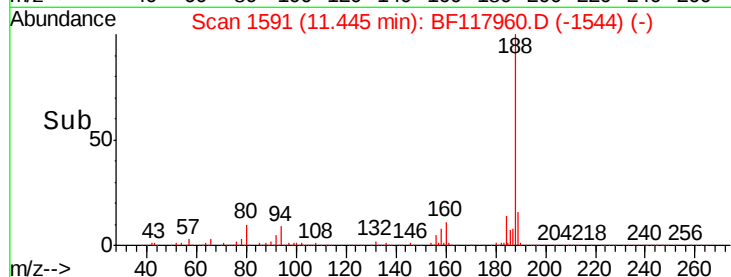
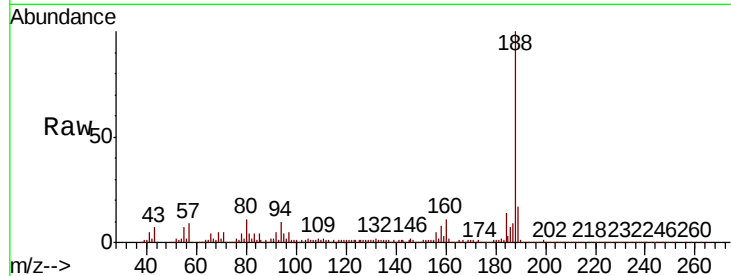
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117960.D
Acq: 23 Nov 2019 16:54

Instrument :
BNA_F
ClientSampleId :
25441-26560

Tot Ion	Ratio	Resp	Lower	Upper
188	100	563794		
94	9.7		6.6	10.0
80	10.8		7.2	10.8

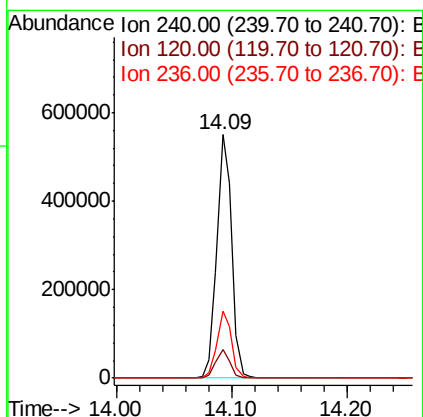
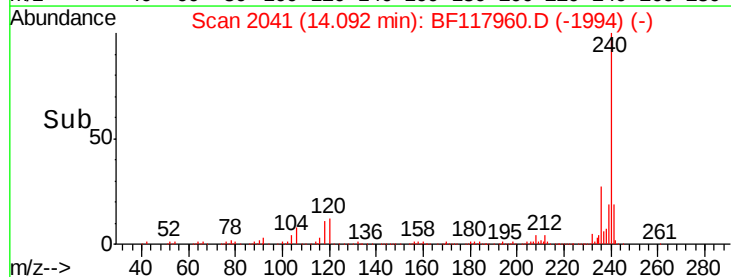
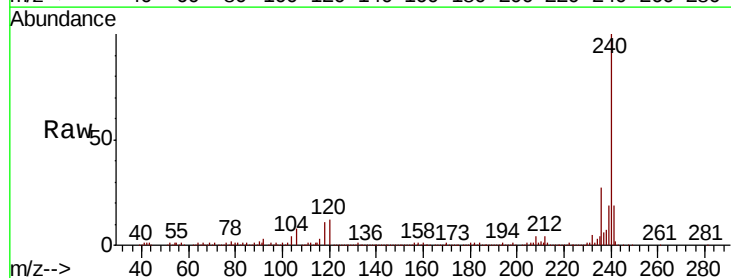
Manual Integrations
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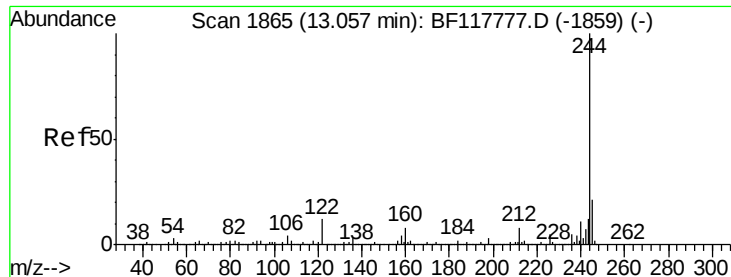
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117960.D
Acq: 23 Nov 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	490810		
120	12.0		9.5	14.3
236	27.4		21.3	31.9





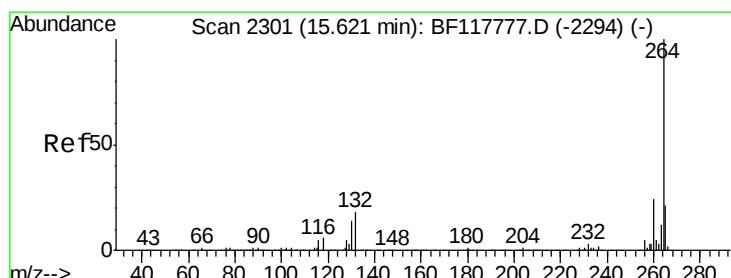
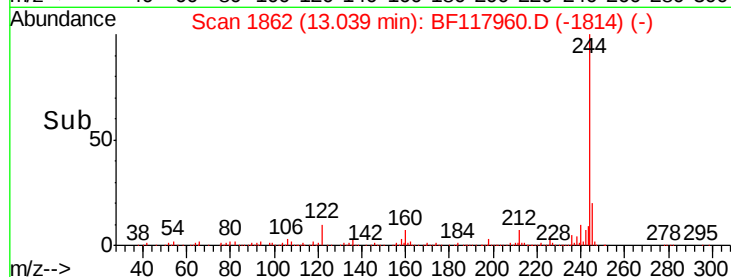
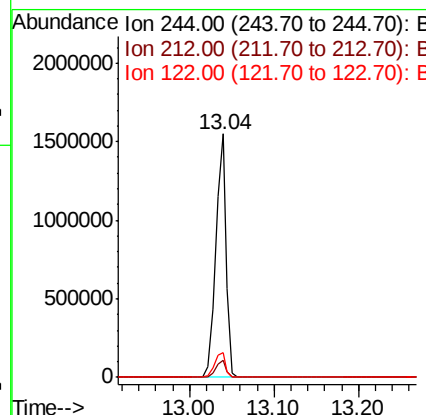
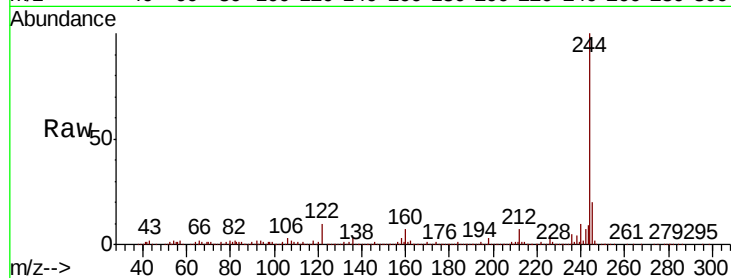
#79
 Terphenyl-d14
 Concen: 50.317 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.02 min
 Lab File: BF117960.D
 Acq: 23 Nov 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 25441-26560

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	10.3	9.4	14.2

Manual Integrations
 APPROVED

mohammad
 11/25/2019 2:32:17 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.60 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BF117960.D
 Acq: 23 Nov 2019 16:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	21.3	17.1	25.7

