

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117849.D
 Acq On : 18 Nov 2019 21:40
 Operator : JU
 Sample : K5792-03 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3

Manual Integrations
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 11/19/2019 2:36:34 PM

Quant Time: Nov 19 00:43:30 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	6.92	152	206094	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	735824	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	333220	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	574085	20.00	ng	0.00
76) Chrysene-d12	14.13	240	402684	20.00	ng	0.02
87) Perylene-d12	15.67	264	330335	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	541298	46.49	ng	0.00
7) Phenol-d6	6.53	99	661705	47.12	ng	-0.01
23) Nitrobenzene-d5	7.48	82	380616	30.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	148971	42.23	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	690343	37.17	ng	0.00
79) Terphenyl-d14	13.06	244	652953	29.63	ng	0.00
Target Compounds						
10) Phenol	6.55	94	35035	2.401	ng	96
37) 2-Methylnaphthalene	8.92	142	64019	2.762	ng	99
50) Dimethylphthalate	9.68	163	112405	4.810	ng	98
80) Butylbenzylphthalate	13.54	149	76331	5.461	ng	# 66
84) Bis(2-ethylhexyl)phthalate	14.10	149	54832m	3.236	ng	
88) Benzo(b)fluoranthene	15.22	252	48933m	2.280	ng	
92) Benzo(g,h,i)perylene	17.67	276	138066	8.533	ng	97

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

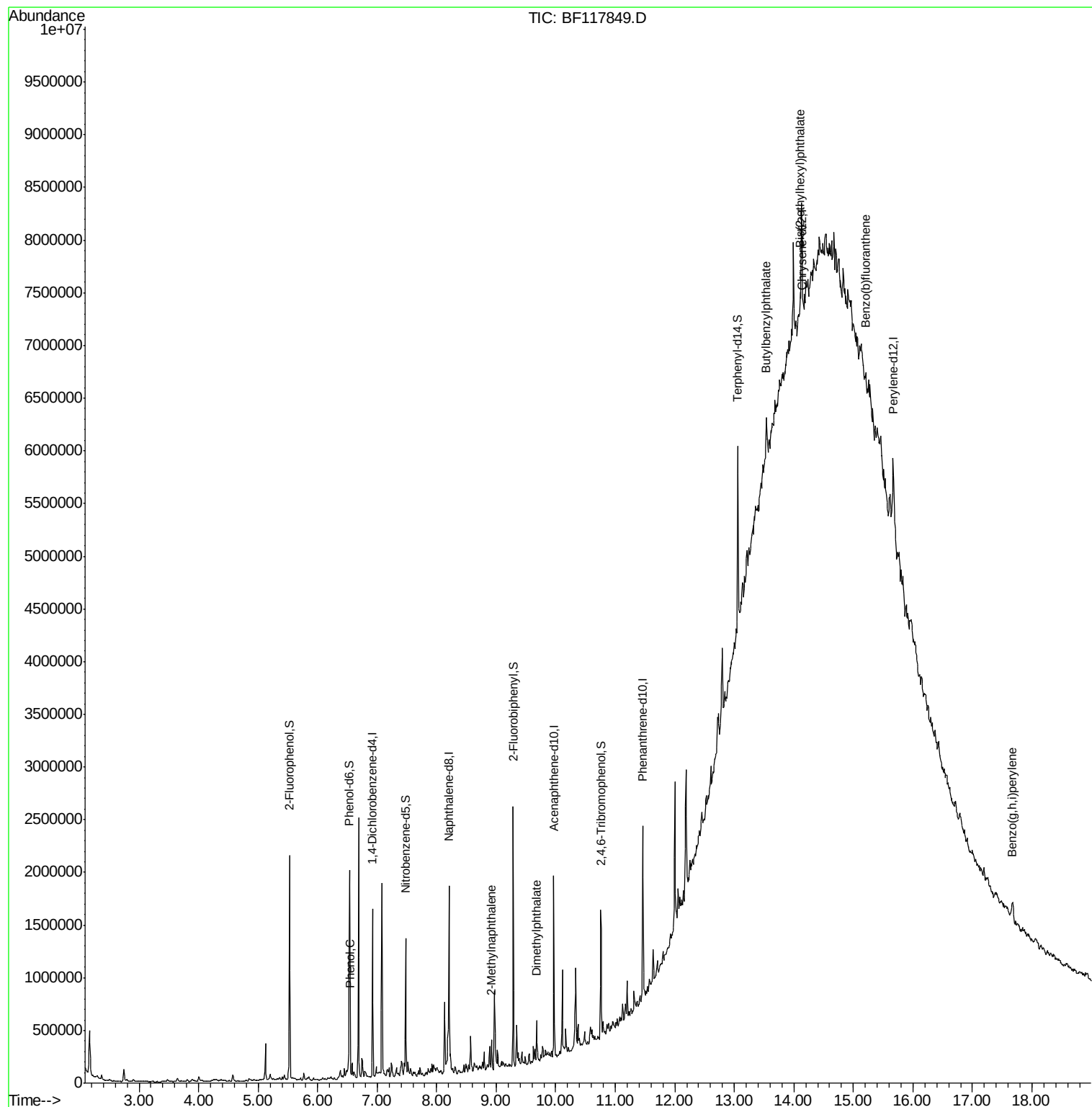
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117849.D
Acq On : 18 Nov 2019 21:40
Operator : JU
Sample : K5792-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

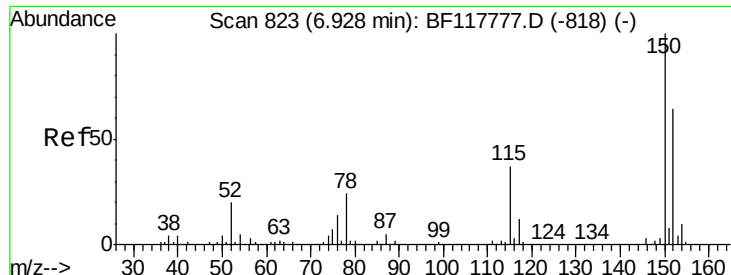
Instrument :
BNA_F
ClientSampled :
3

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Quant Time: Nov 19 00:43:30 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

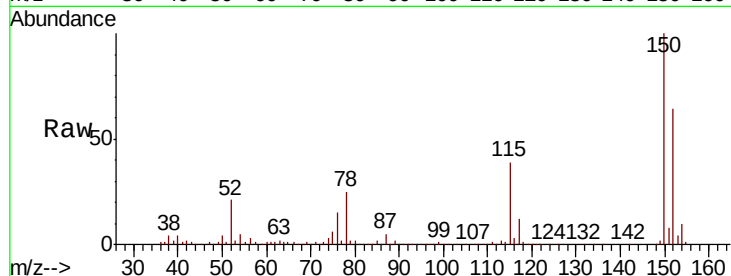
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117849.D
Acq: 18 Nov 2019 21:40

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.3	187.9
115	61.1	47.0	70.4

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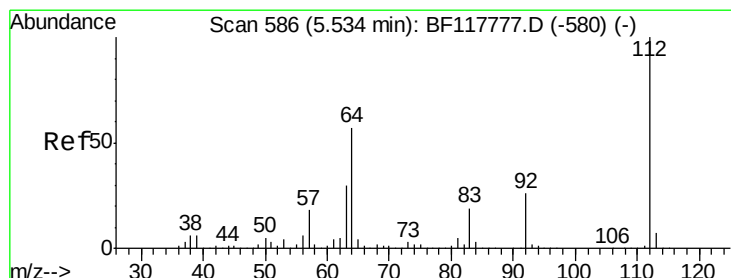
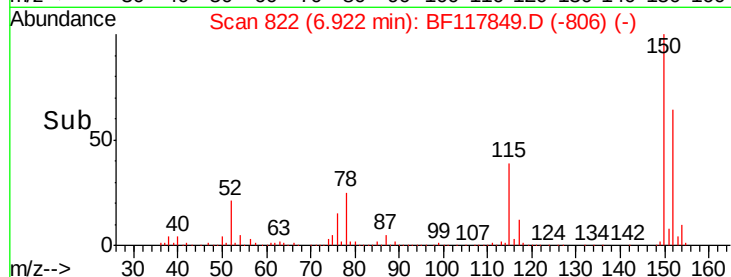
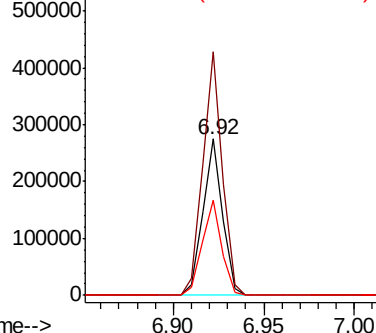


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

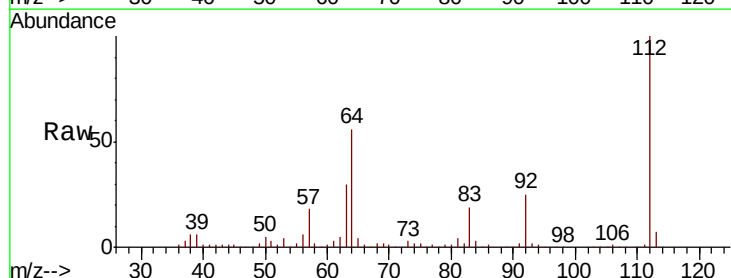
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.491 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117849.D
Acq: 18 Nov 2019 21:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.6	68.4
63	29.8	24.1	36.1

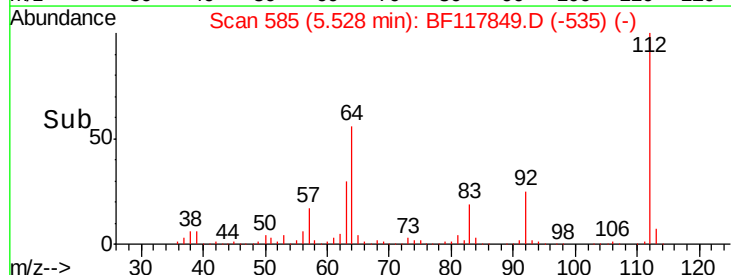
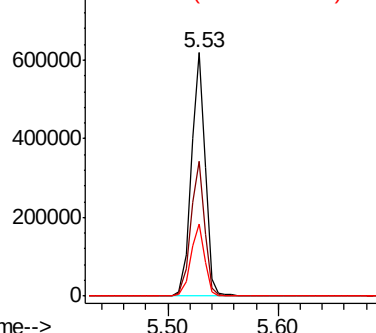


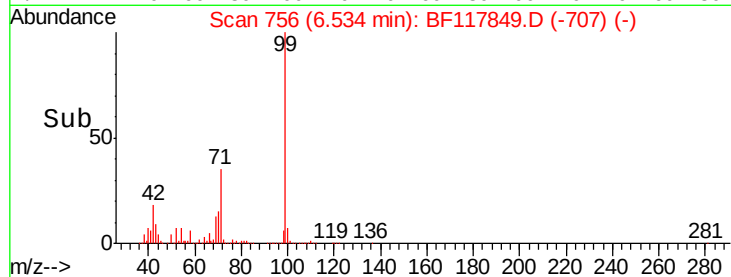
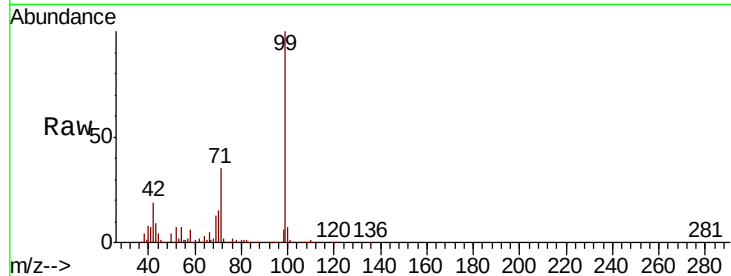
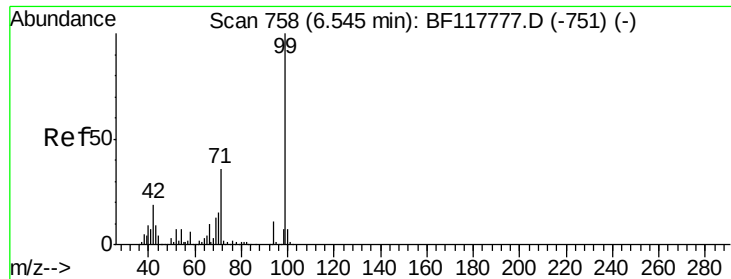
Abundance

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: 47.119 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117849.D

Acq: 18 Nov 2019 21:40

Tot Ion:	99	Resp:	661705
Ion Ratio	Lower	Upper	
99	100		
42	18.6	14.9	22.3
71	35.0	28.6	43.0

Instrument :

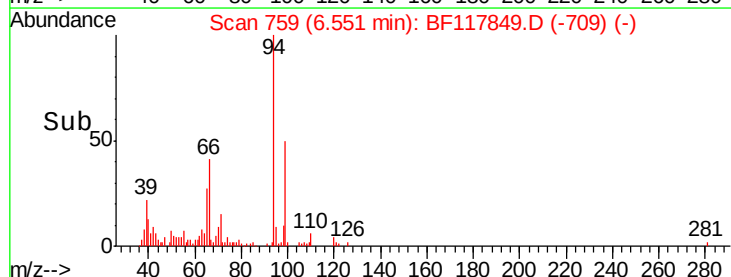
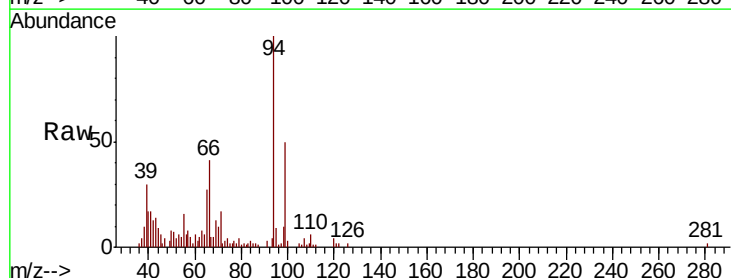
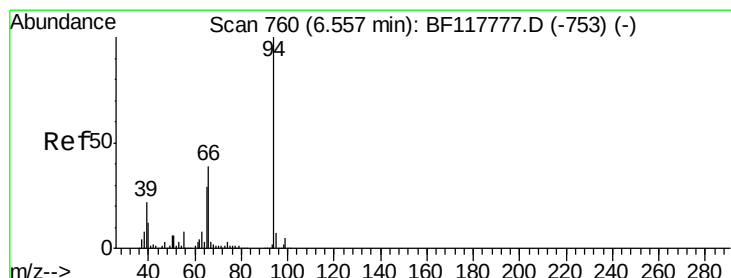
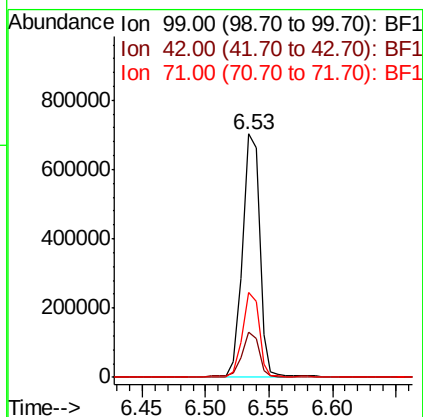
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#10

Phenol

Concen: 2.401 ng

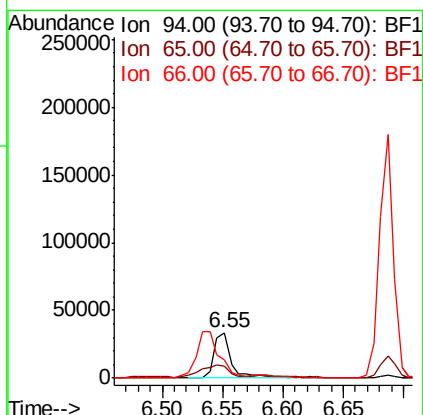
RT: 6.55 min Scan# 759

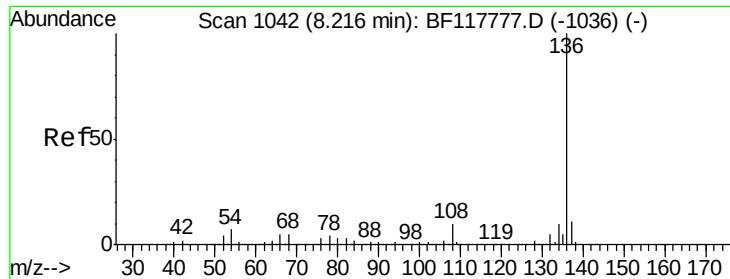
Delta R.T. -0.01 min

Lab File: BF117849.D

Acq: 18 Nov 2019 21:40

Tgt Ion:	94	Resp:	35035
Ion Ratio	Lower	Upper	
94	100		
65	26.5	8.9	48.9
66	41.3	18.7	58.7





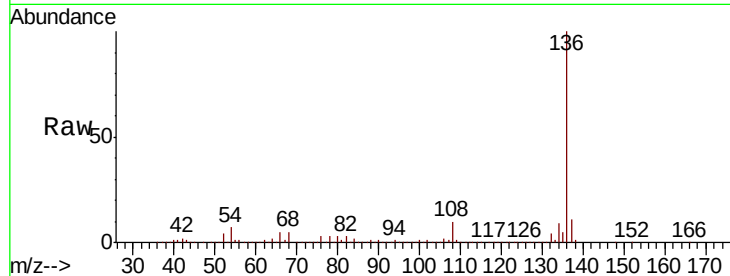
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117849.D
Acq: 18 Nov 2019 21:40

Instrument :
BNA_F
ClientSampled :
3

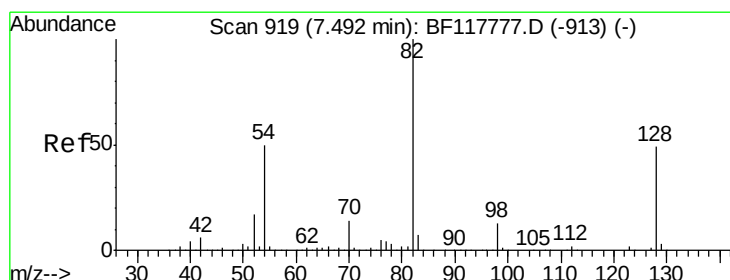
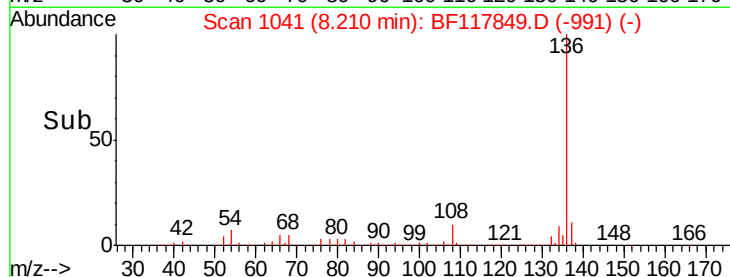
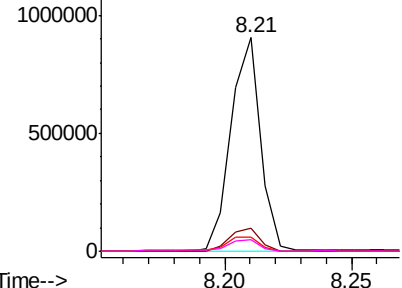
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		735824		
137	11.0	9.0	13.4		
54	6.7	5.4	8.2		
68	5.3	4.3	6.5		

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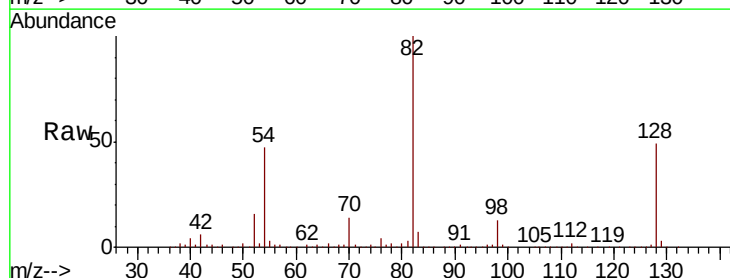


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

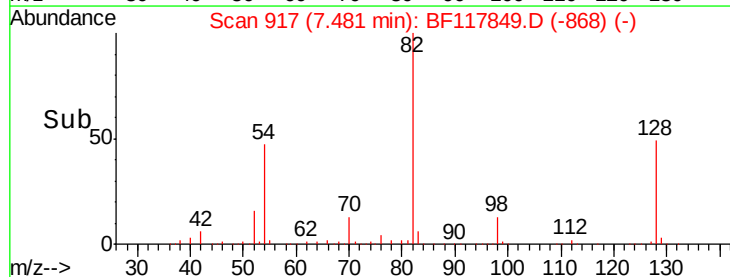
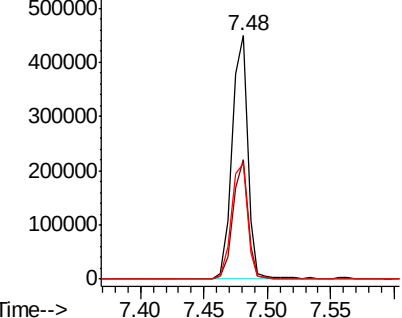


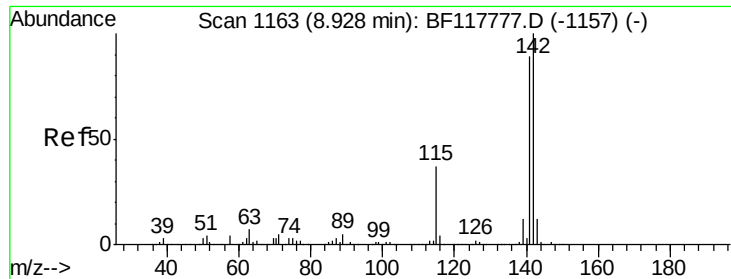
#23
Nitrobenzene-d5
Concen: 30.749 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117849.D
Acq: 18 Nov 2019 21:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		380616		
128	48.9	38.9	58.3		
54	47.5	39.8	59.6		



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





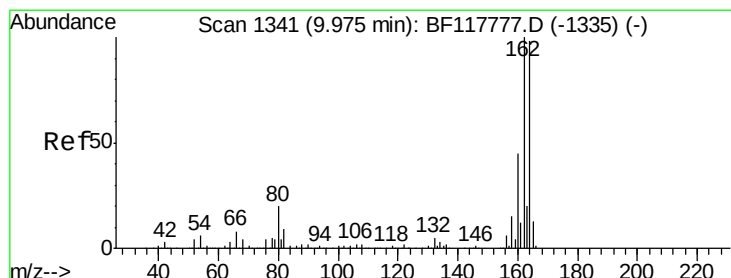
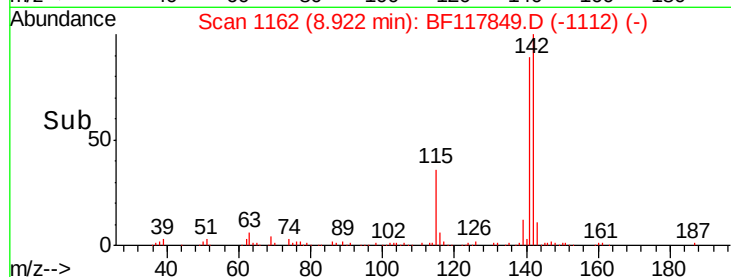
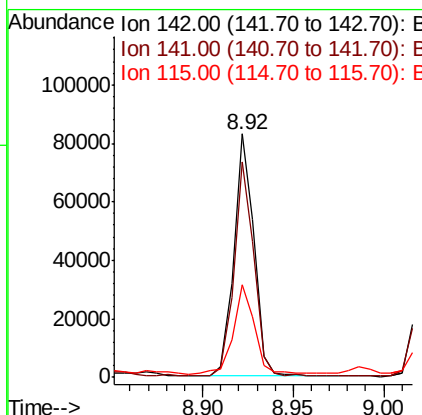
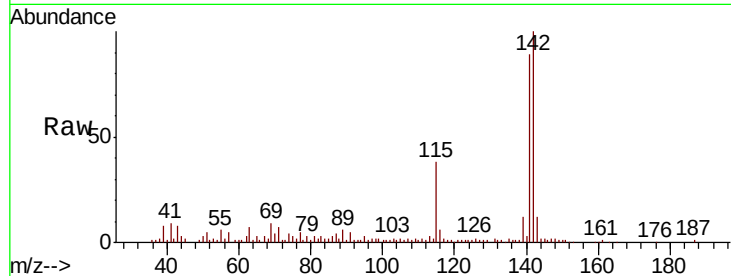
#37
2-Methylnaphthalene
Concen: 2.762 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF117849.D
Acq: 18 Nov 2019 21:40

Instrument :
BNA_F
ClientSampled :
3

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.1	106.7
115	38.0	29.2	43.8

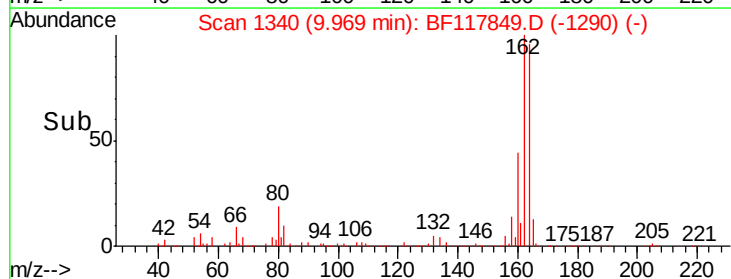
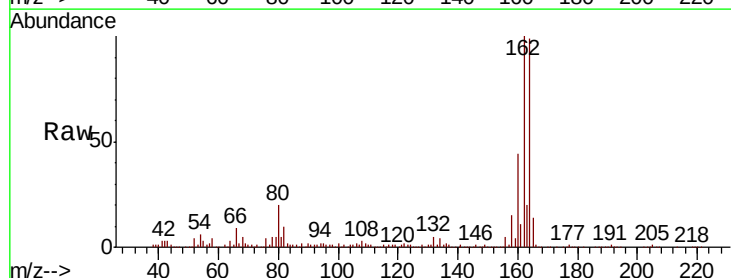
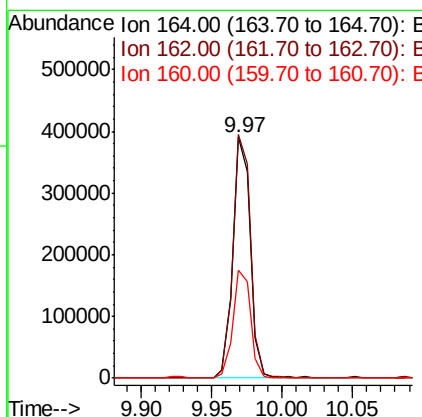
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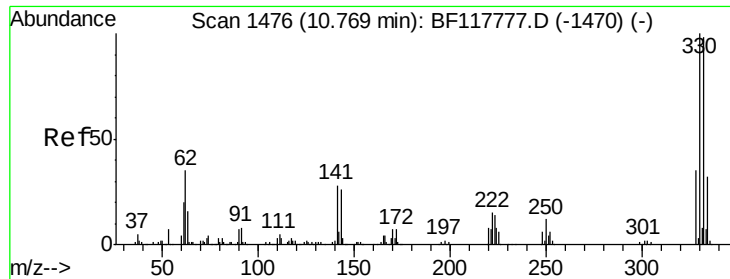
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117849.D
Acq: 18 Nov 2019 21:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.3	121.9
160	44.6	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 42.228 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117849.D

Acq: 18 Nov 2019 21:40

Instrument :

BNA_F

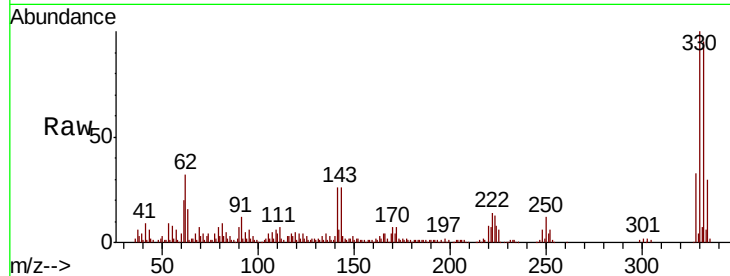
ClientSampled :

3

Tot Ion:	330	Resp:	148971
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.7	115.1
141	34.1	27.7	41.5

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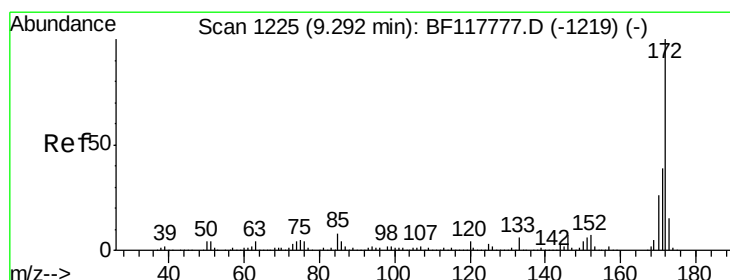
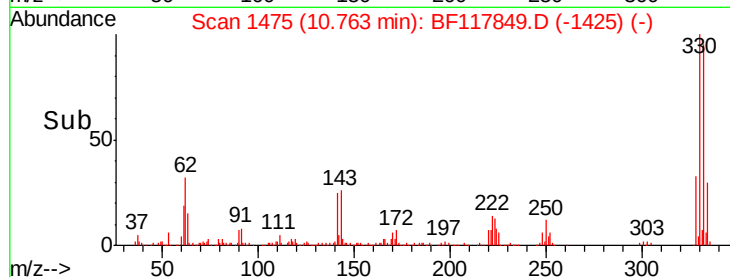
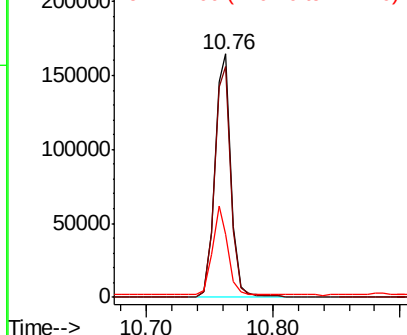


Abundance

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: 37.168 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF117849.D

Acq: 18 Nov 2019 21:40

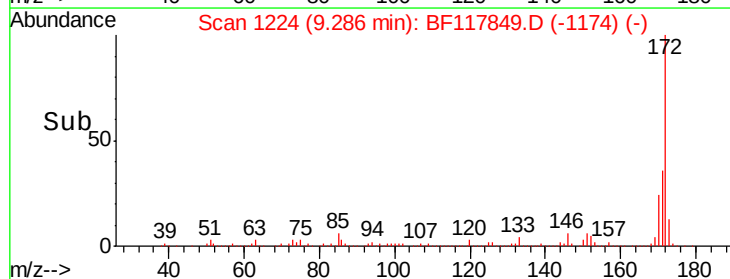
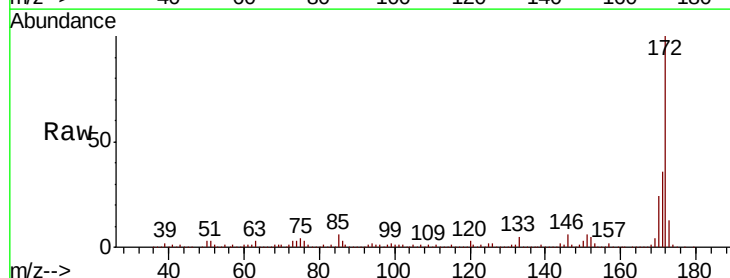
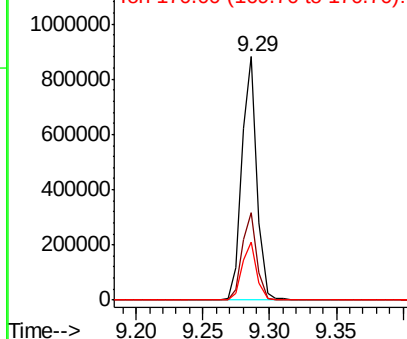
Tgt Ion:	172	Resp:	690343
Ion Ratio	Lower	Upper	
172	100		
171	35.8	30.9	46.3
170	23.8	21.0	31.4

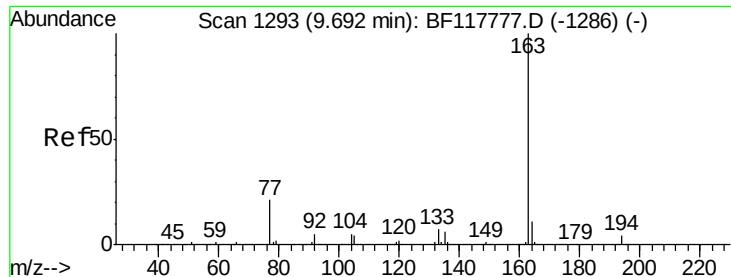
Abundance

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





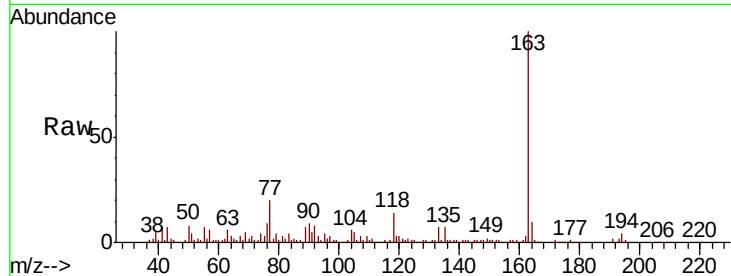
#50
Dimethylphthalate
Concen: 4.810 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF117849.D
Acq: 18 Nov 2019 21:40

Instrument :
BNA_F
ClientSampleId :
3

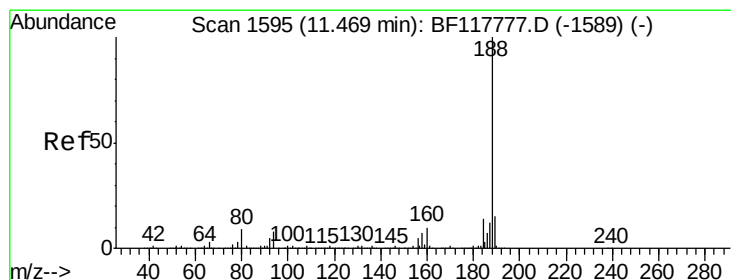
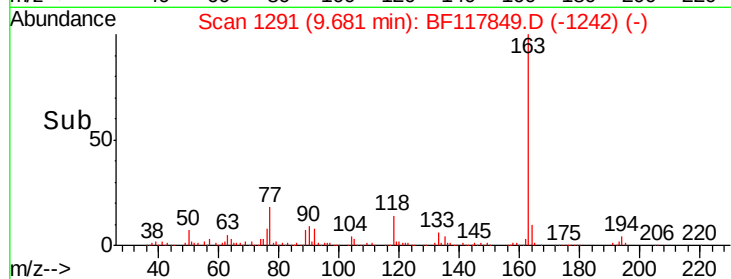
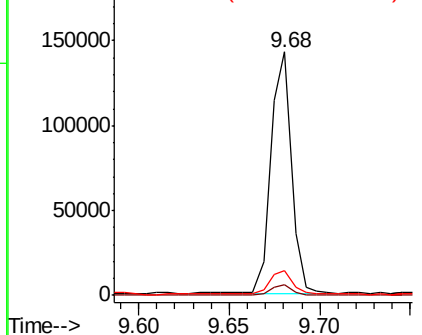
Tot Ion	Ratio	Resp	Lower	Upper
163	100	112405		
194	4.4	3.3	4.9	
164	10.2	8.7	13.1	

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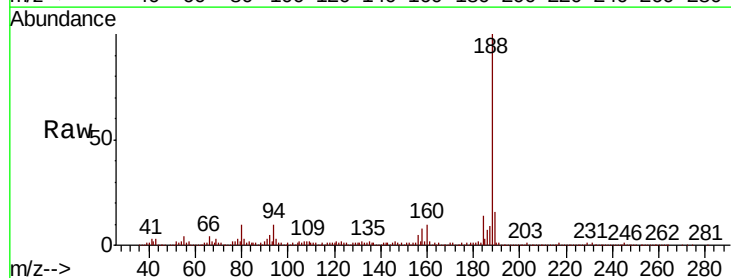


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

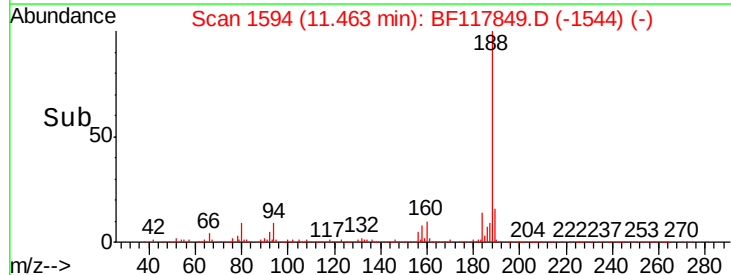
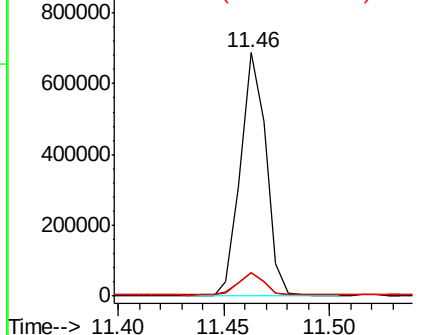


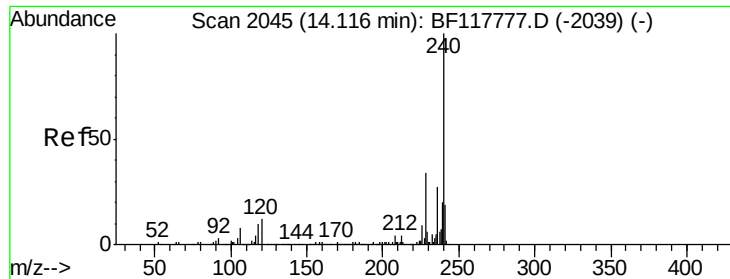
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117849.D
Acq: 18 Nov 2019 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	574085		
94	9.6	6.6	10.0	
80	9.8	7.2	10.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





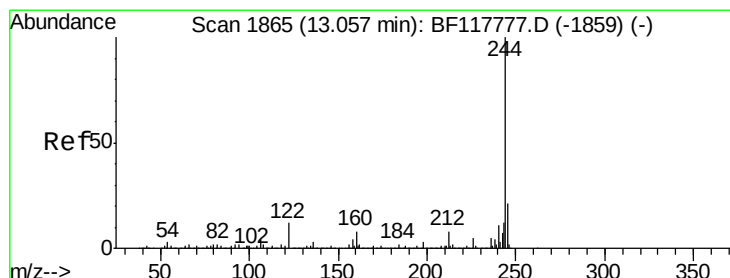
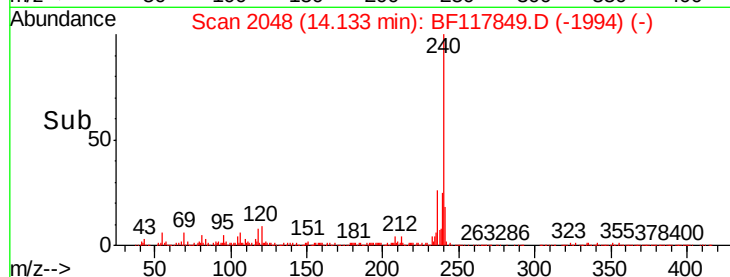
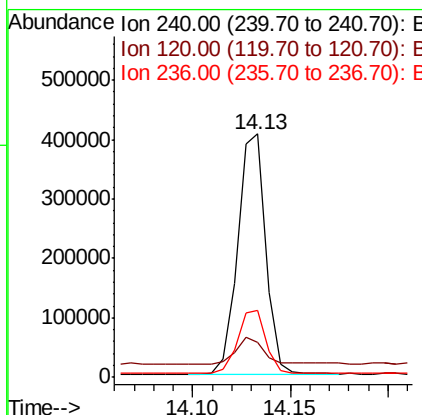
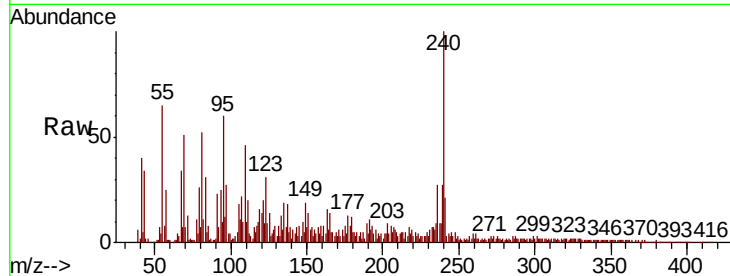
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. 0.02 min
 Lab File: BF117849.D
 Acq: 18 Nov 2019 21:40

Instrument :
 BNA_F
 ClientSampled :
 3

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.5	9.5	14.3#	
236	27.4	21.3	31.9	

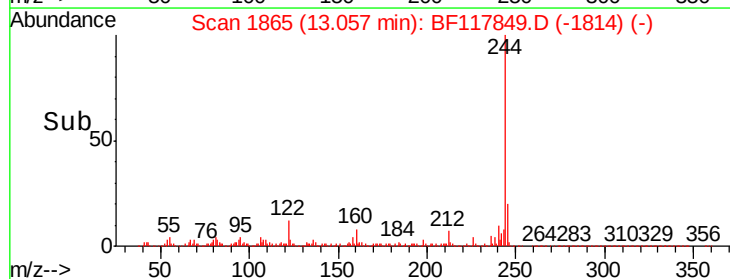
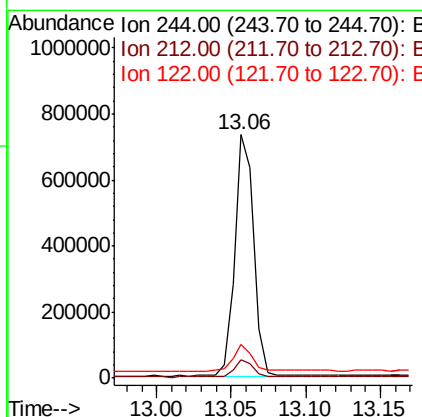
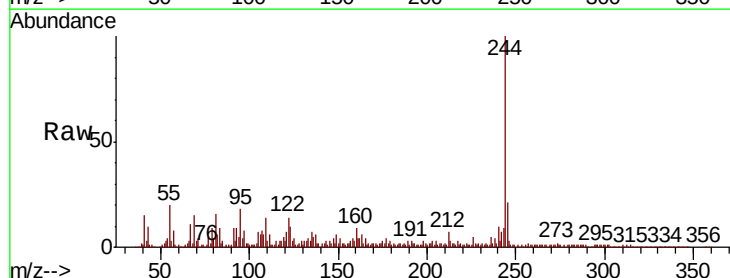
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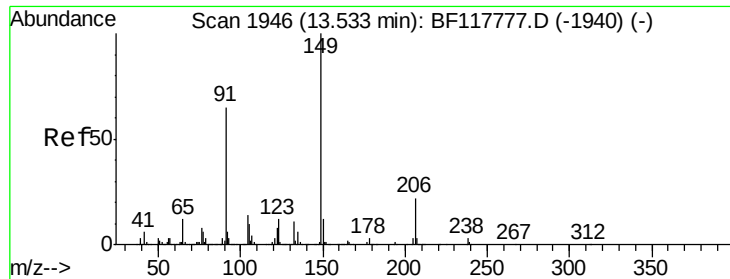
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#79
 Terphenyl-d14
 Concen: 29.635 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BF117849.D
 Acq: 18 Nov 2019 21:40

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.3	6.3	9.5	
122	13.9	9.4	14.2	





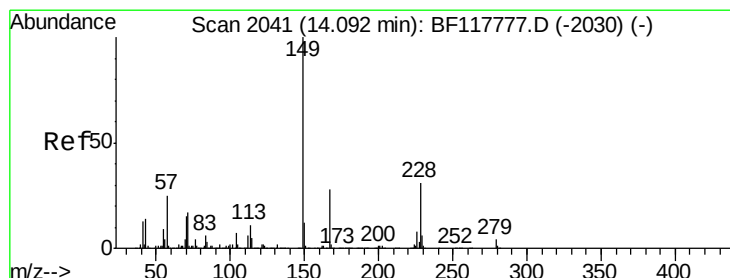
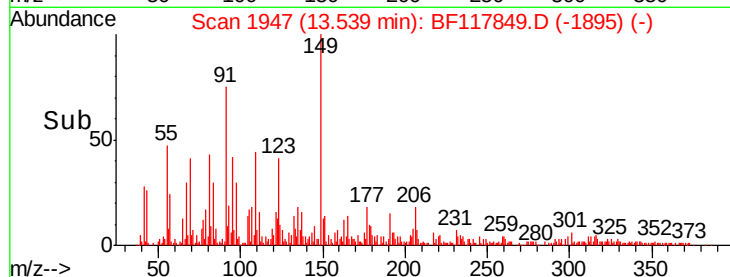
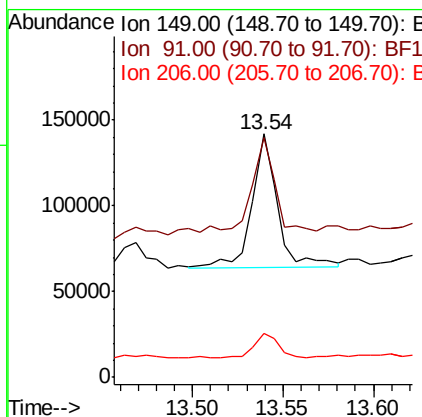
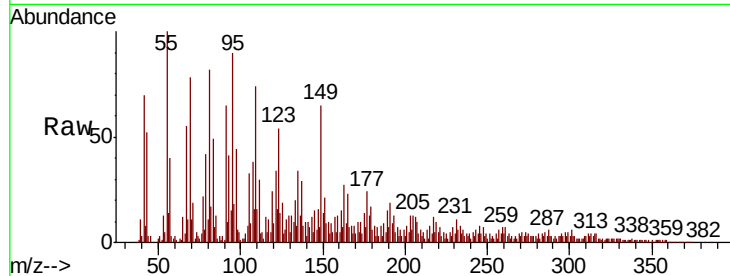
#80
Butylbenzylphthalate
Concen: 5.461 ng
RT: 13.54 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BF117849.D
Acq: 18 Nov 2019 21:40

Instrument :
BNA_F
ClientSampleId :
3

Tot Ion	Ratio	Lower	Upper
149	100		
91	98.7	51.9	77.9#
206	17.8	17.2	25.8

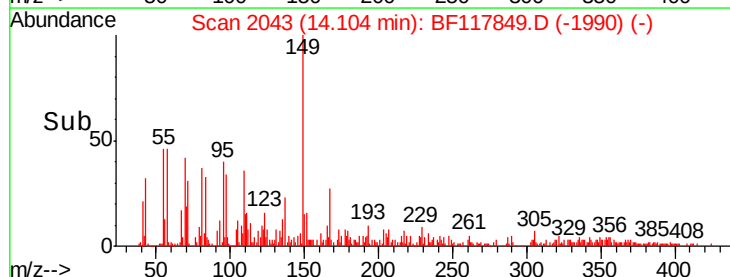
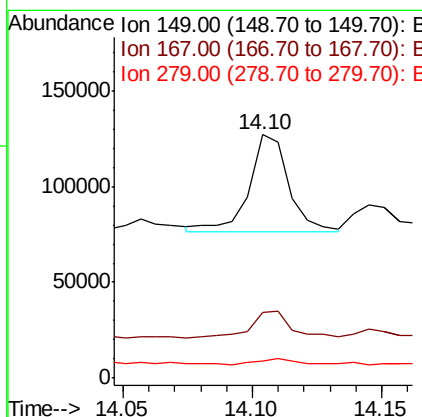
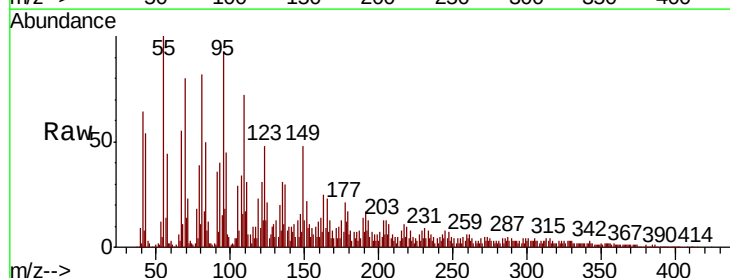
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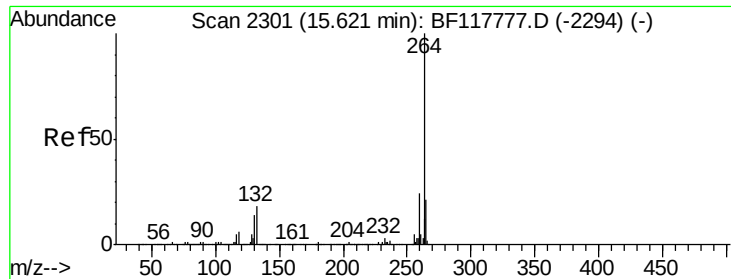
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.236 ng m
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BF117849.D
Acq: 18 Nov 2019 21:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.2	33.2
279	7.1	3.4	5.2#





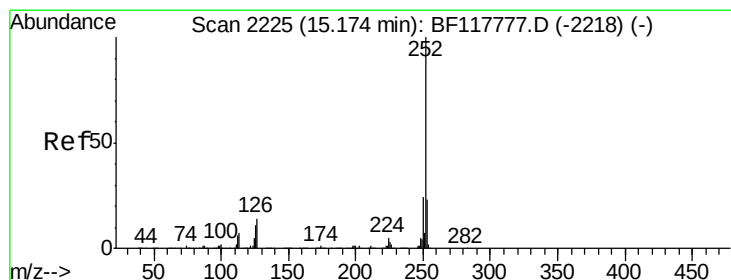
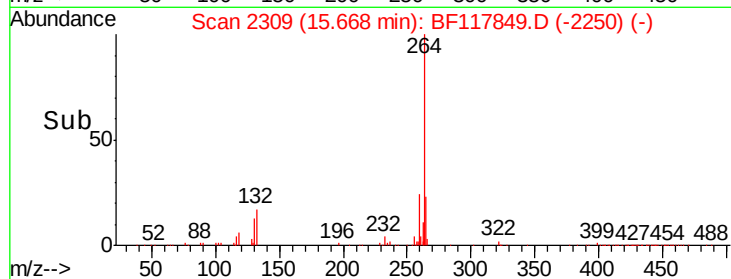
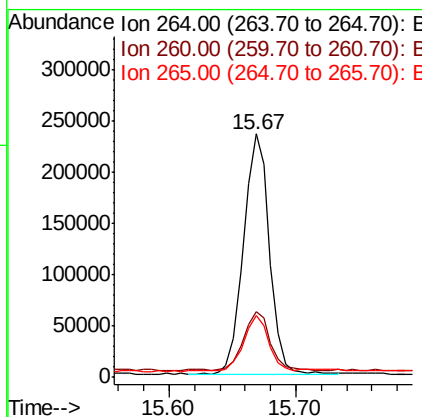
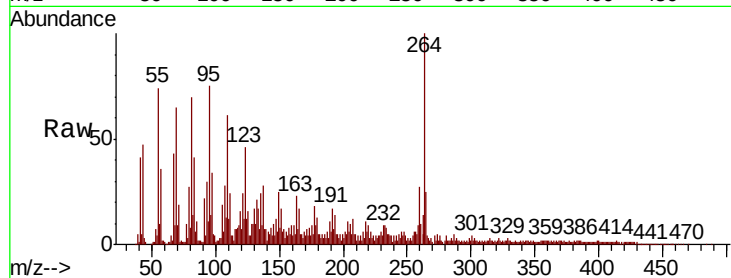
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.05 min
Lab File: BF117849.D
Acq: 18 Nov 2019 21:40

Instrument :
BNA_F
ClientSampleId :
3

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.1	19.4	29.0
265	25.4	17.1	25.7

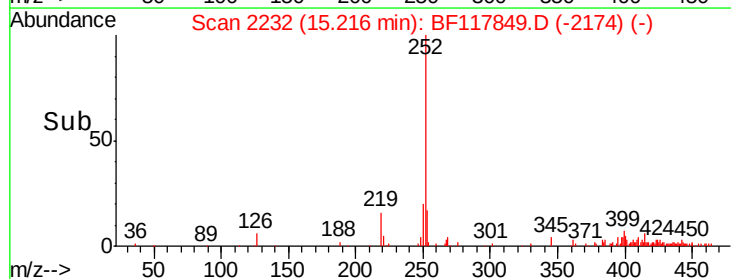
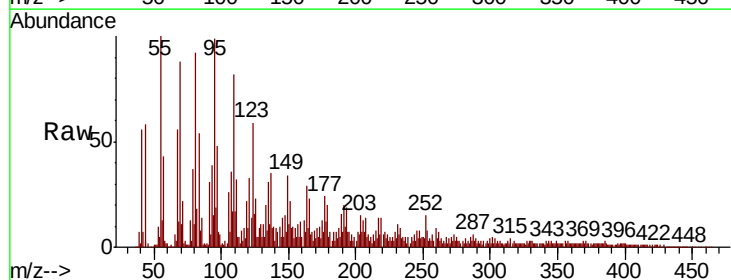
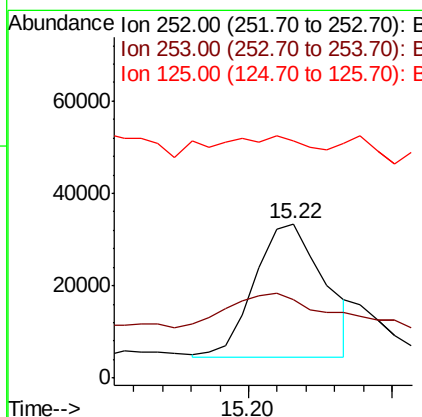
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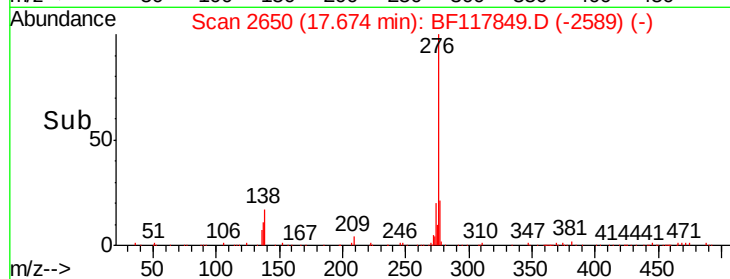
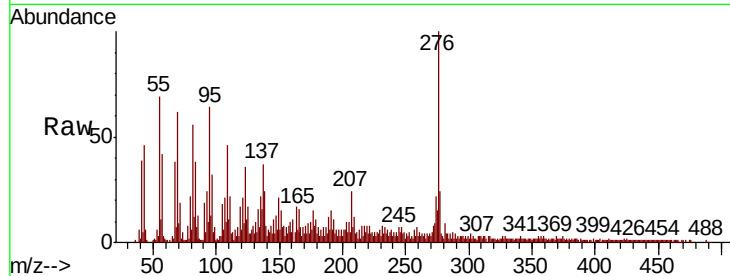
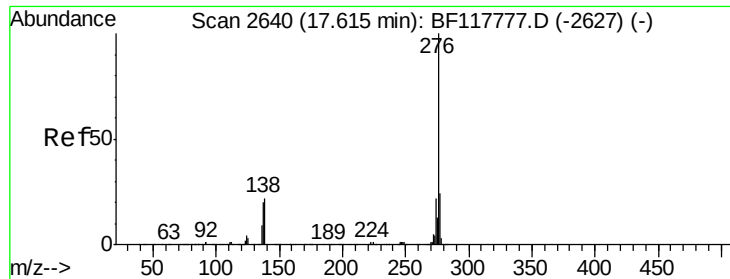
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#88
Benzo(b)fluoranthene
Concen: 2.280 ng m
RT: 15.22 min Scan# 2232
Delta R.T. 0.04 min
Lab File: BF117849.D
Acq: 18 Nov 2019 21:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	51.3	18.0	27.0#
125	153.6	8.6	13.0#





#92
Benzo(a,h,i)perylene
Concen: 8.533 ng
RT: 17.67 min Scan# 2650
Delta R.T. 0.06 min
Lab File: BF117849.D
Acq: 18 Nov 2019 21:40

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	24.0	17.4	26.2

Instrument :
BNA_F
ClientSampleId :
3

Manual Integrations
APPROVED

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