

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118017.D
 Acq On : 26 Nov 2019 19:52
 Operator : JU
 Sample : K5959-06 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-112019-0-2-COMP-B4

Manual Integrations
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Quant Time: Nov 27 01:13:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	148170	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	476182	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	234651	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	353711	20.00	ng	0.00
76) Chrysene-d12	14.09	240	268001	20.00	ng	0.00
87) Perylene-d12	15.60	264	209875	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	289993	34.64	ng	0.00
7) Phenol-d6	6.52	99	385459	38.18	ng	0.00
23) Nitrobenzene-d5	7.45	82	248994	31.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	66766	26.88	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	511548	39.11	ng	0.00
79) Terphenyl-d14	13.03	244	445627	30.39	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.65	163	71451	4.342	ng	98
71) Phenanthrene	11.46	178	42647	2.398	ng	96
78) Pyrene	12.89	202	90768	4.191	ng	98
81) Benzo(a)anthracene	14.08	228	50859m	2.872	ng	
83) Chrysene	14.12	228	50296	2.931	ng	98
88) Benzo(b)fluoranthene	15.15	252	46796m	3.432	ng	
90) Benzo(a)pyrene	15.53	252	33811	2.820	ng	# 84

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

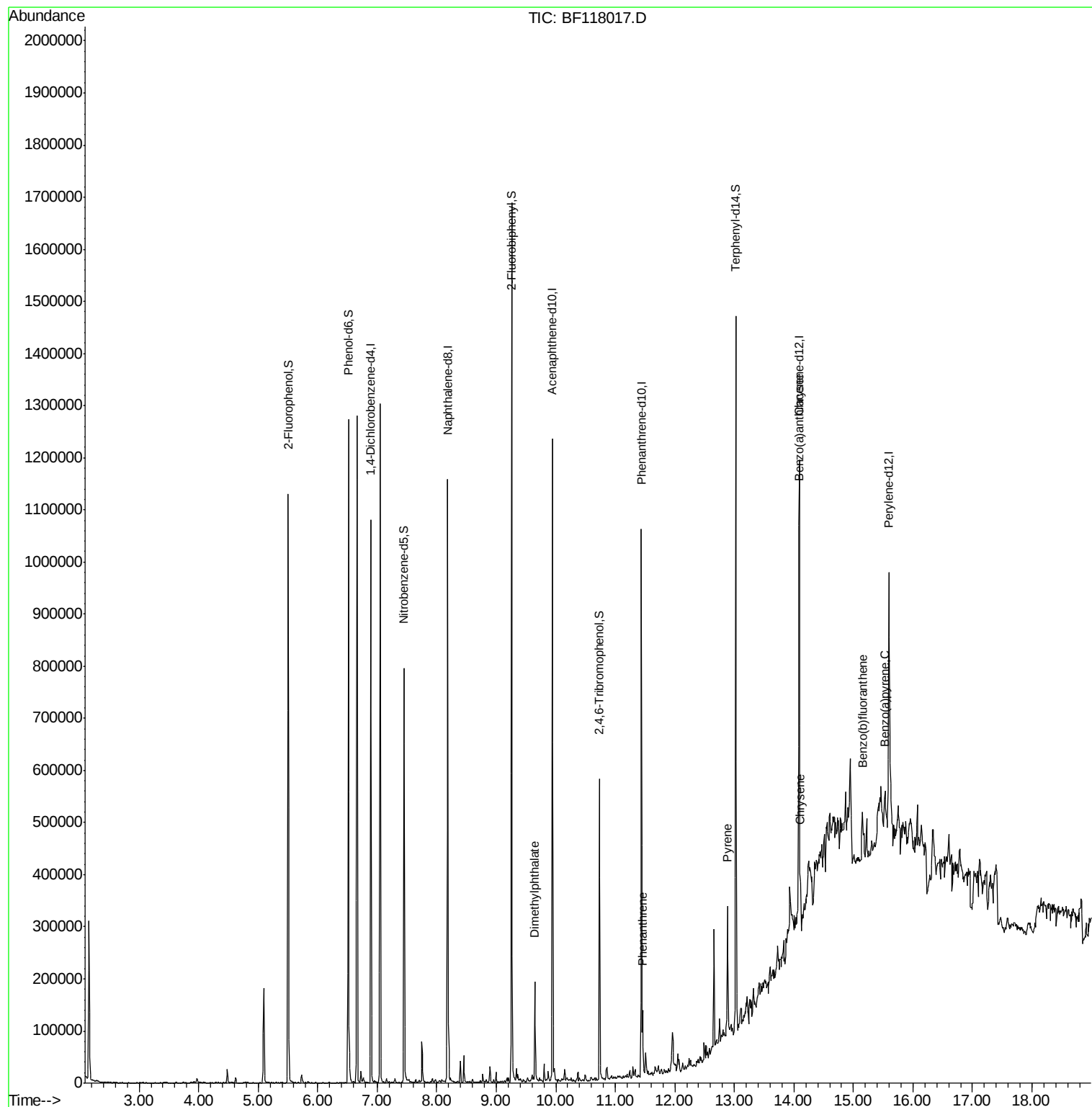
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
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ALS Vial : 20 Sample Multiplier: 1

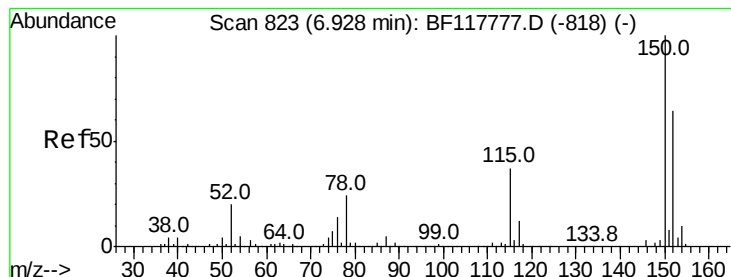
Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B4

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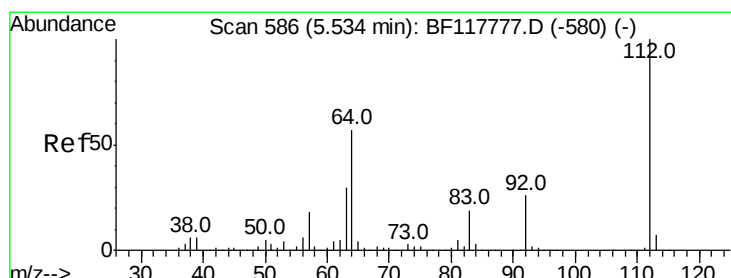
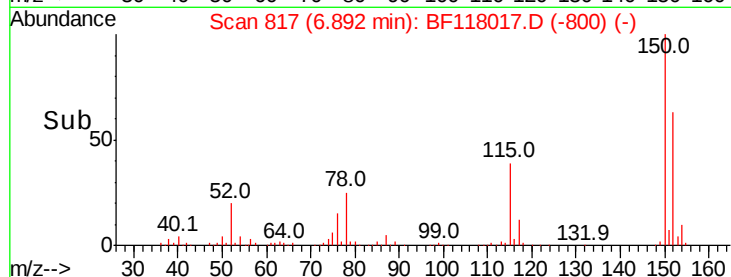
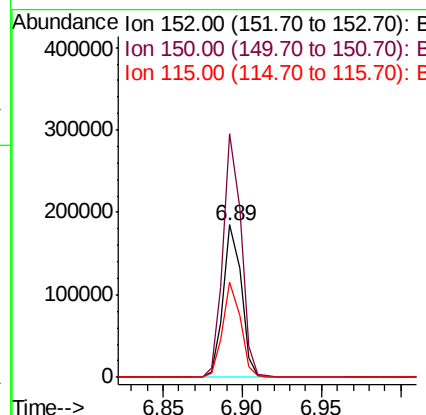
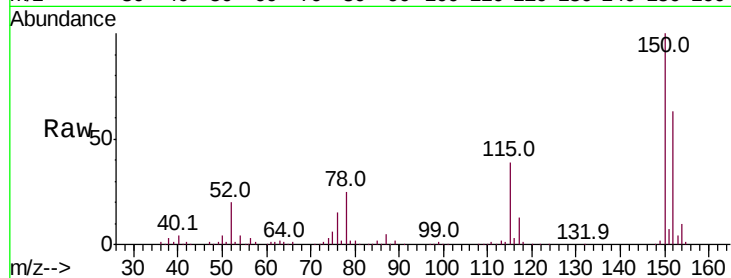
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF118017.D
 Acq: 26 Nov 2019 19:52

Instrument :
 BNA_F
 ClientSampleId :
 WS-112019-0-2-COMP-B4

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	125.3	187.9
115	62.5	47.0	70.4

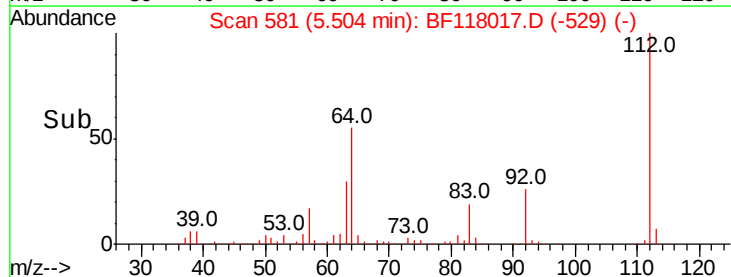
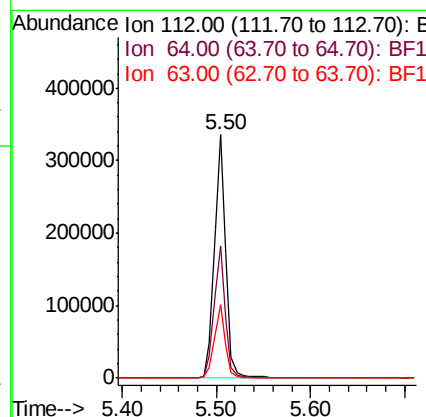
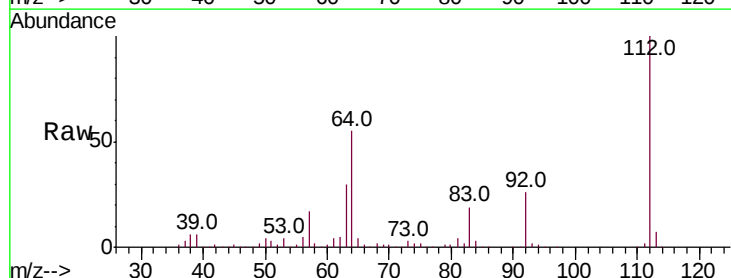
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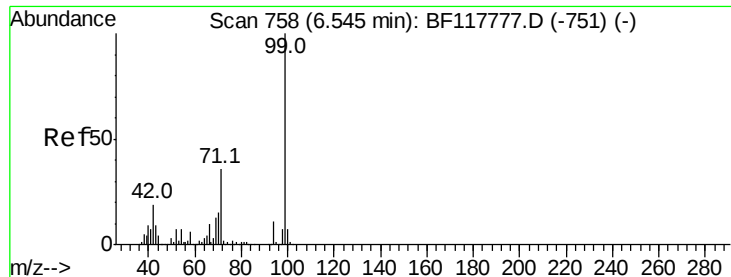
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#5
 2-Fluorophenol
 Concen: 34.644 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF118017.D
 Acq: 26 Nov 2019 19:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.6	68.4
63	29.9	24.1	36.1





#7

Phenol-d6

Concen: 38.178 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118017.D

Acq: 26 Nov 2019 19:52

Instrument :

BNA_F

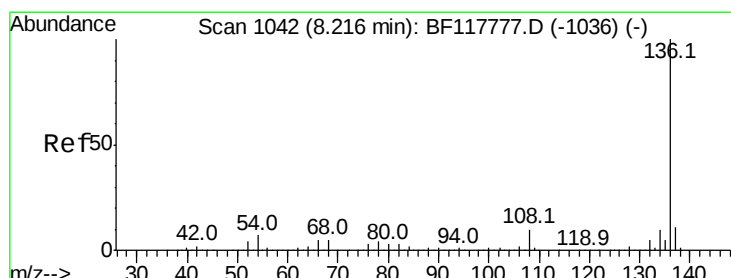
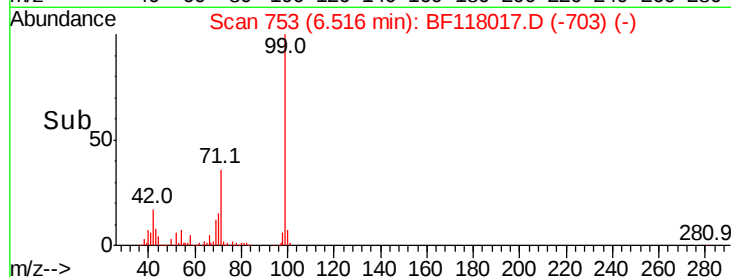
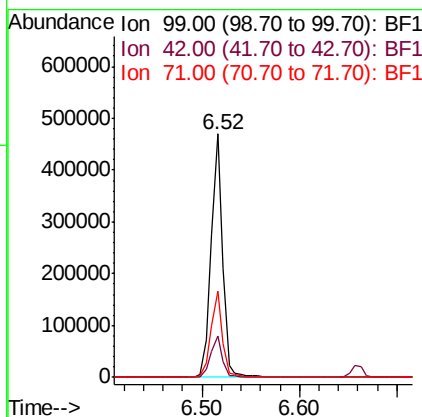
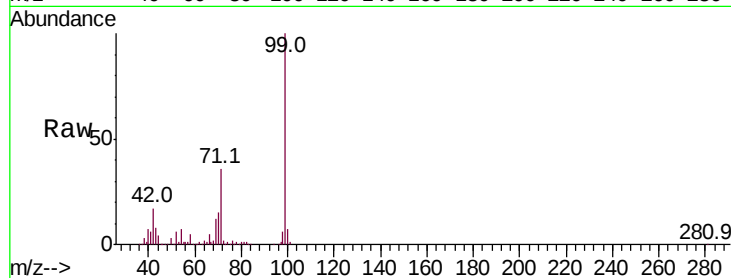
ClientSampleId :

WS-112019-0-2-COMP-B4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		385459		
42	16.9	14.9	22.3		
71	35.6	28.6	43.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

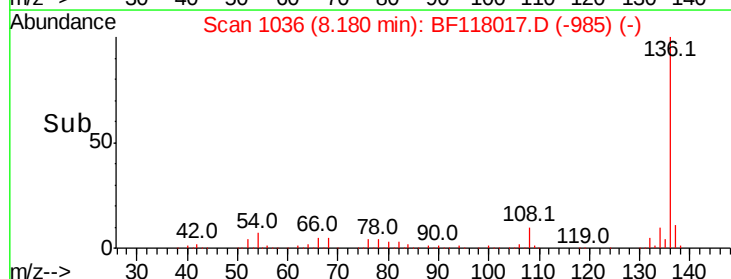
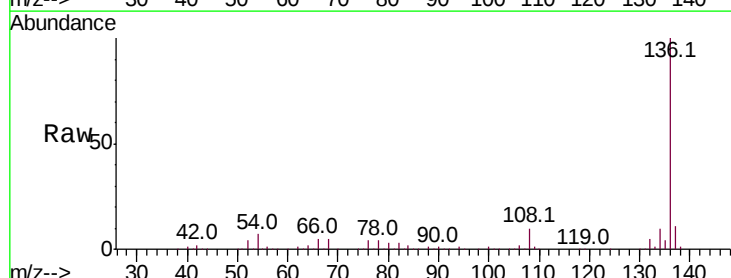
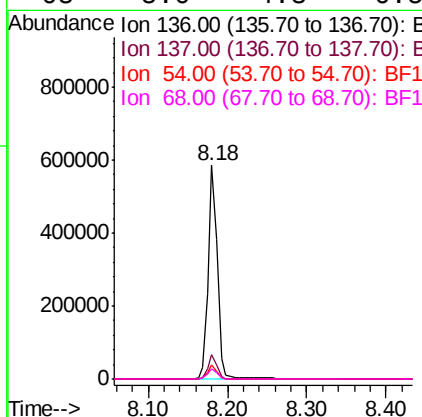
RT: 8.18 min Scan# 1036

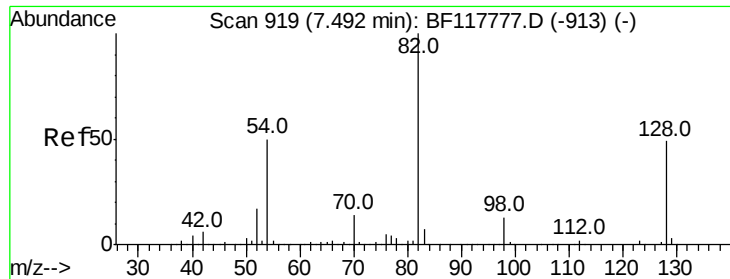
Delta R.T. -0.00 min

Lab File: BF118017.D

Acq: 26 Nov 2019 19:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		476182		
137	11.1	9.0	13.4		
54	6.7	5.4	8.2		
68	5.0	4.3	6.5		





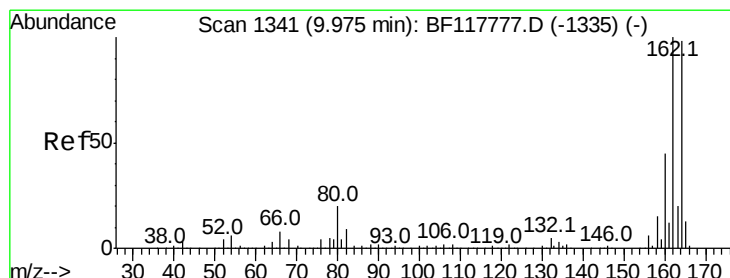
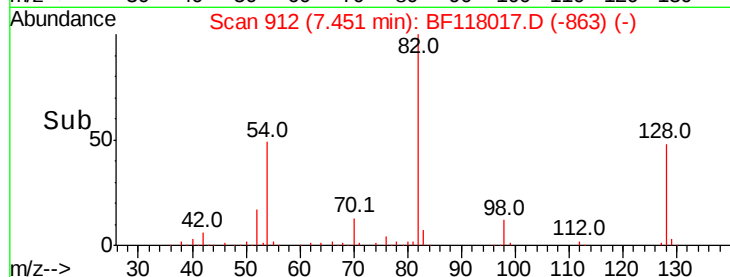
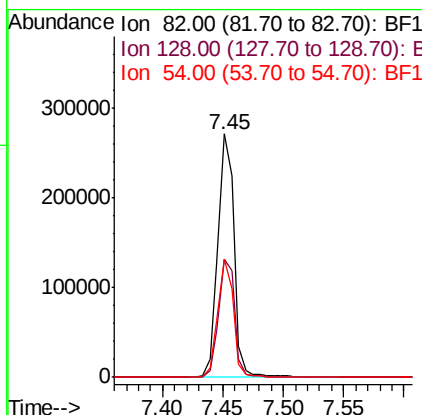
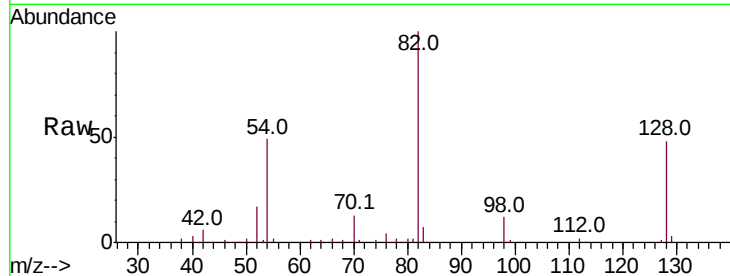
#23
 Nitrobenzene-d5
 Concen: 31.084 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118017.D
 Acq: 26 Nov 2019 19:52

Instrument :
 BNA_F
 ClientSampleId :
 WS-112019-0-2-COMP-B4

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	38.9	58.3
54	48.7	39.8	59.6

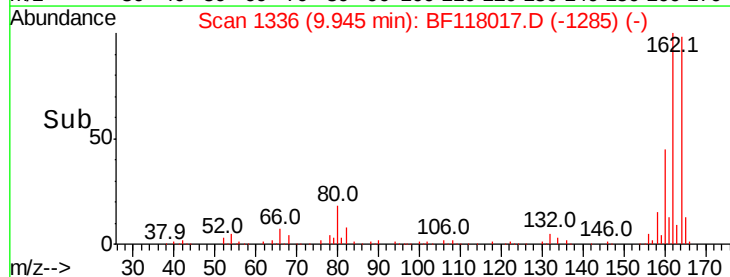
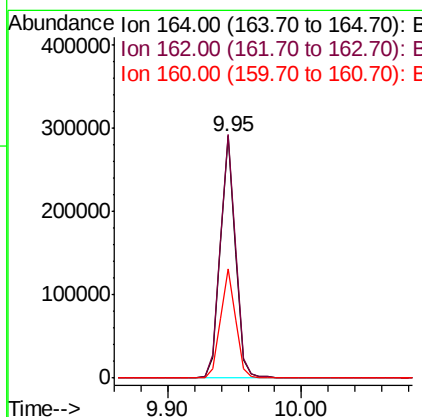
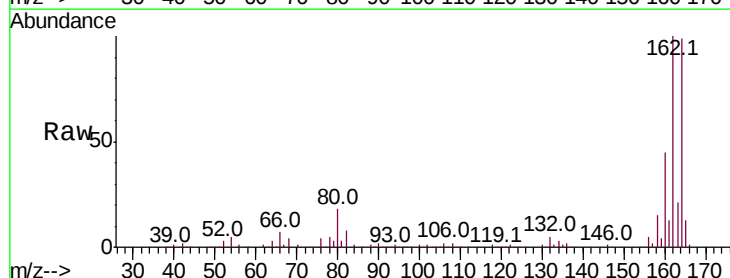
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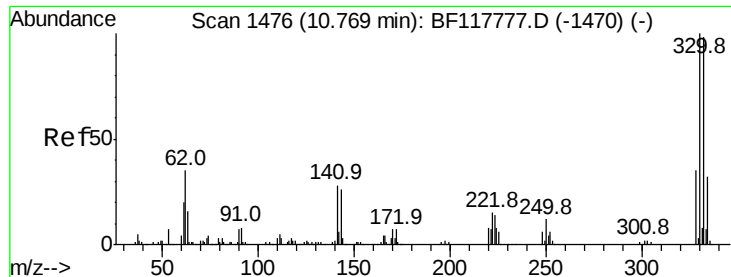
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BF118017.D
 Acq: 26 Nov 2019 19:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.3	121.9
160	44.9	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 26.876 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BF118017.D

Acq: 26 Nov 2019 19:52

Instrument :

BNA_F

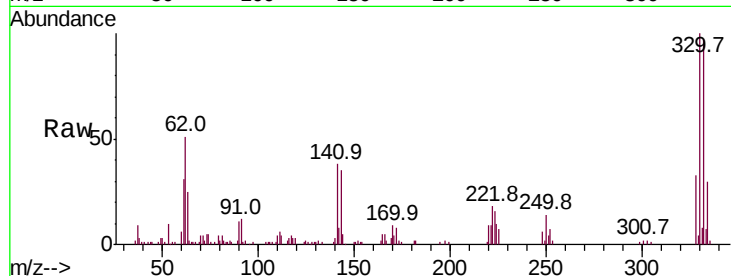
ClientSampleId :

WS-112019-0-2-COMP-B4

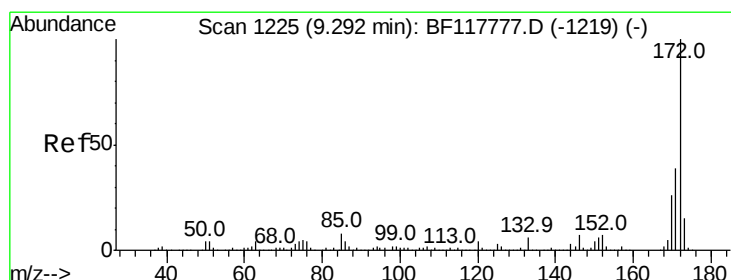
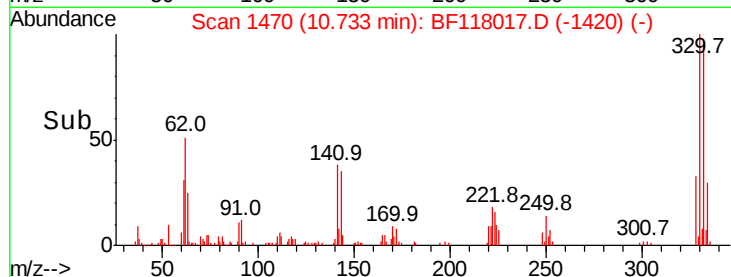
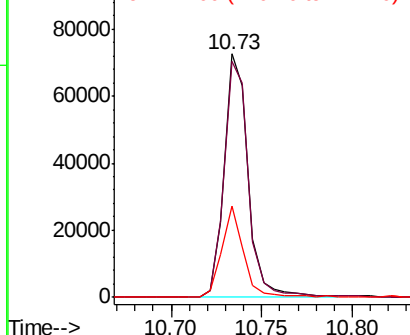
Tot Ion:	330	Resp:	66766
Ion Ratio	Lower	Upper	
330	100		
332	99.1	76.7	115.1
141	34.3	27.7	41.5

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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: 39.111 ng

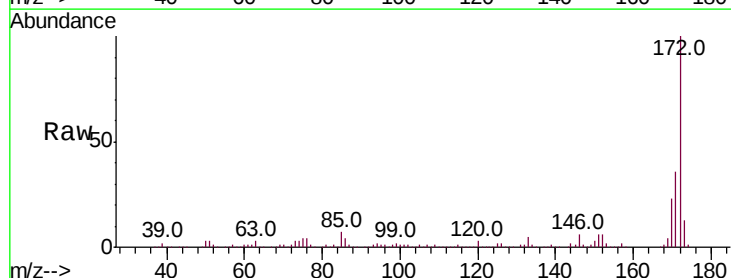
RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

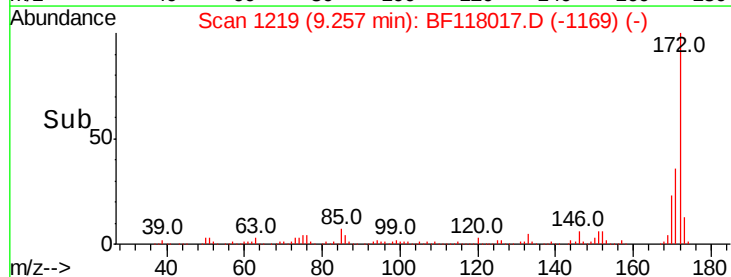
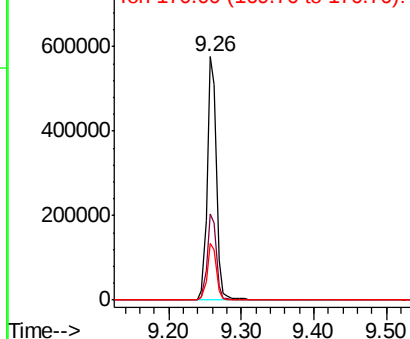
Lab File: BF118017.D

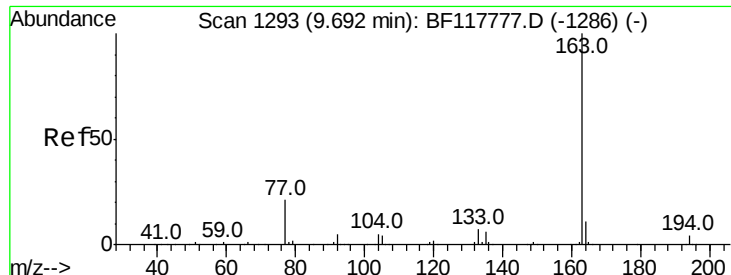
Acq: 26 Nov 2019 19:52

Tgt Ion:	172	Resp:	511548
Ion Ratio	Lower	Upper	
172	100		
171	35.5	30.9	46.3
170	23.3	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





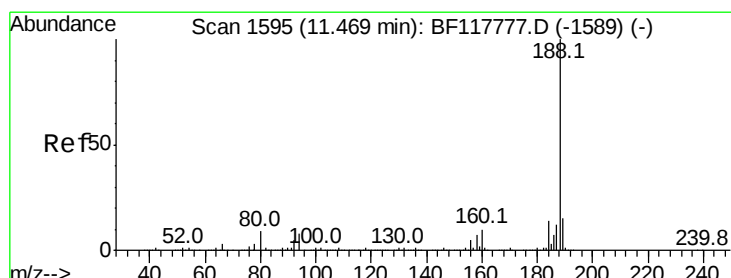
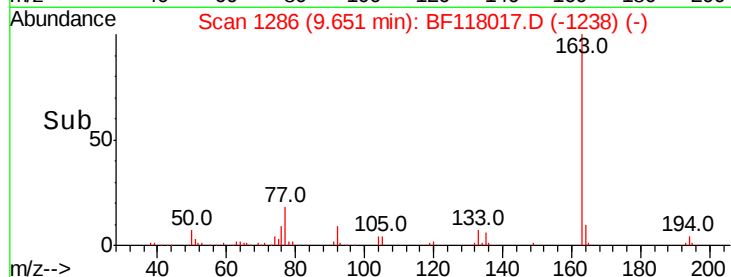
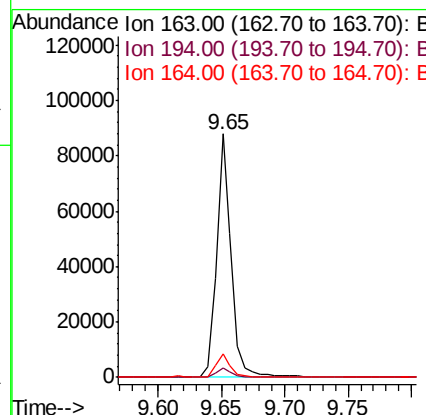
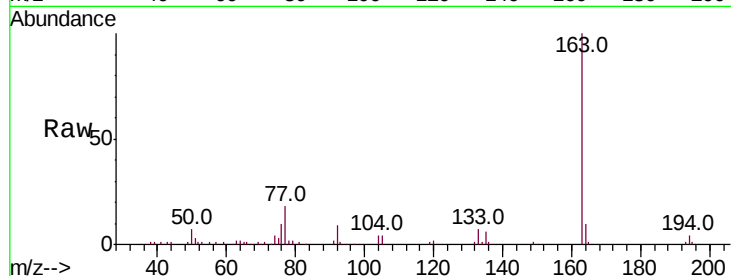
#50
Dimethylphthalate
Concen: 4.342 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF118017.D
Acq: 26 Nov 2019 19:52

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BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B4

Tot Ion:	163	Resp:	71451
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.3	4.9
164	9.9	8.7	13.1

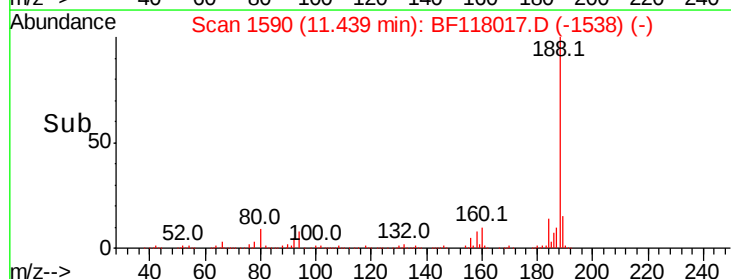
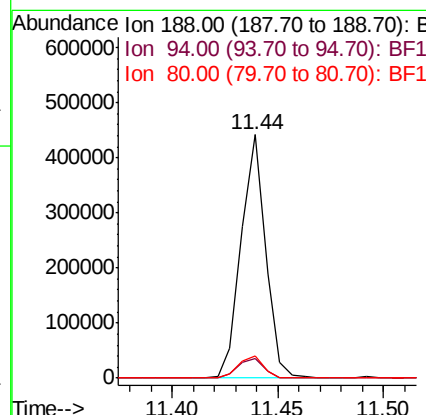
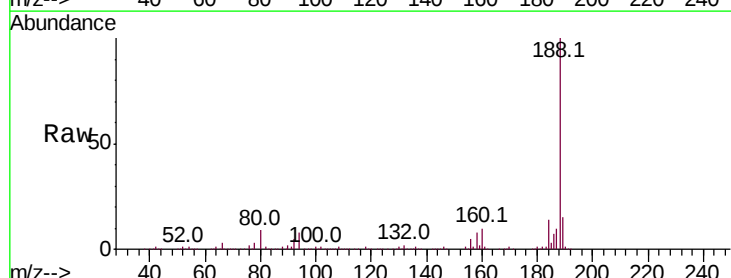
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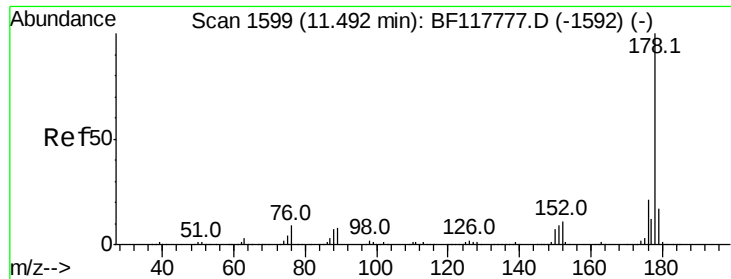
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF118017.D
Acq: 26 Nov 2019 19:52

Tgt Ion:	188	Resp:	353711
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.6	10.0
80	8.9	7.2	10.8





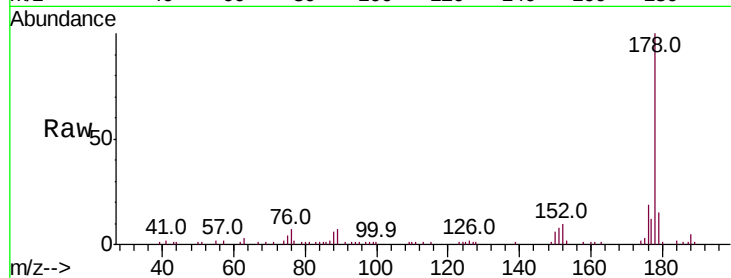
#71
Phenanthrene
Concen: 2.398 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BF118017.D
Acq: 26 Nov 2019 19:52

Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B4

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.6	25.0
179	14.8	13.2	19.8

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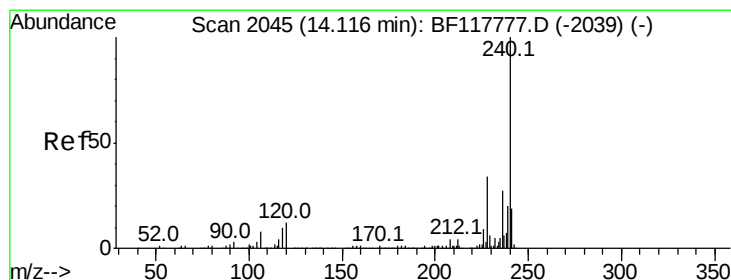
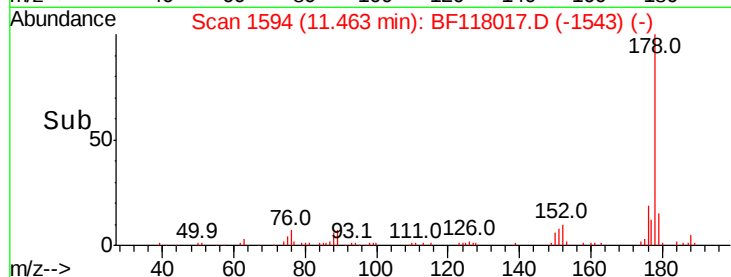
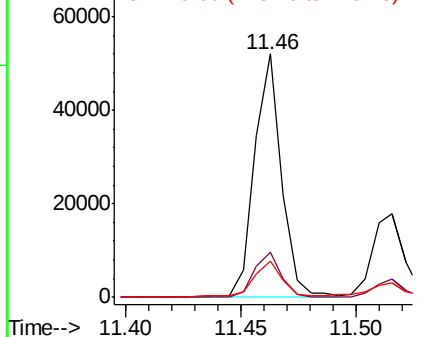


Abundance

Ion 178.00 (177.70 to 178.70): E

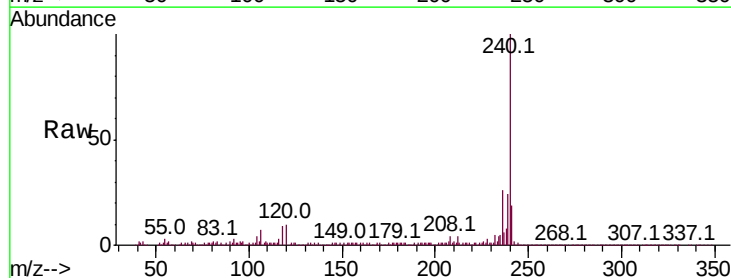
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF118017.D
Acq: 26 Nov 2019 19:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.1	21.3	31.9

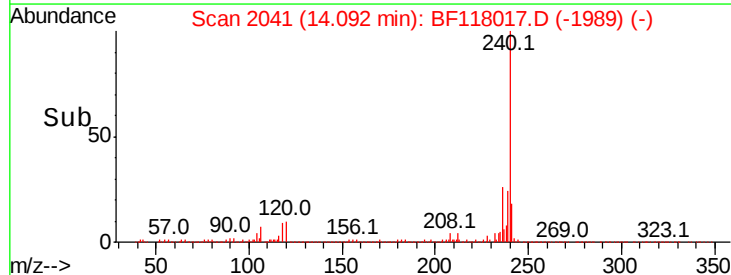
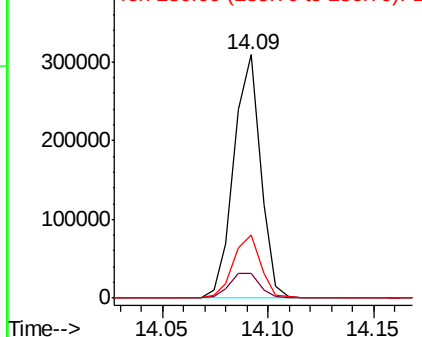


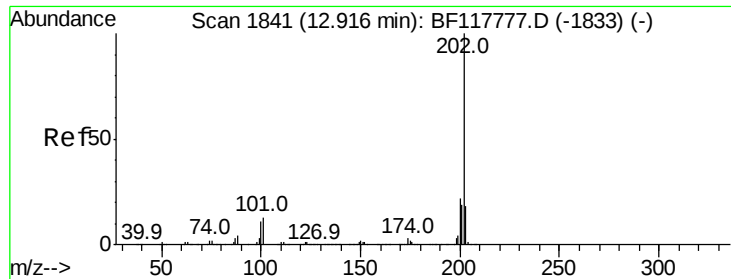
Abundance

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





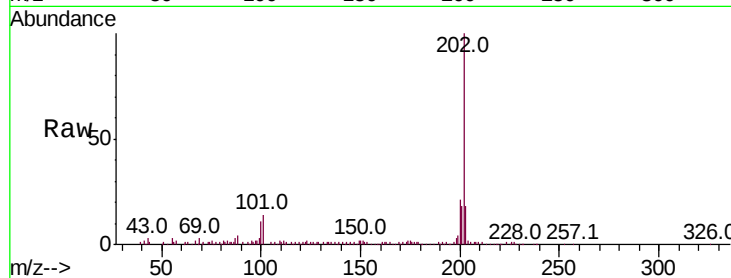
#78
Pvrene
Concen: 4.191 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BF118017.D
Acq: 26 Nov 2019 19:52

Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B4

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.8
203	17.8	14.6	22.0

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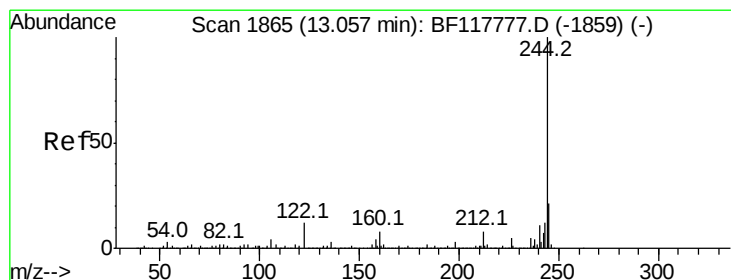
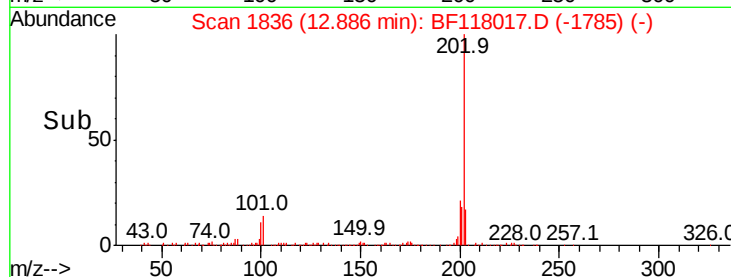
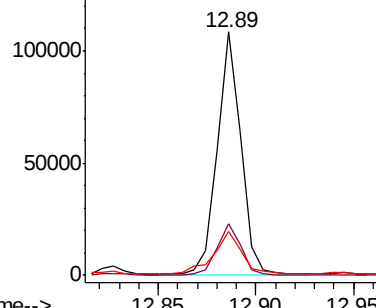


Abundance

Ion 202.00 (201.70 to 202.70): E

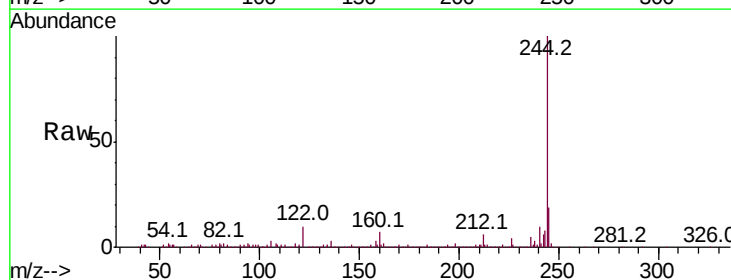
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 30.389 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BF118017.D
Acq: 26 Nov 2019 19:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.3	9.5
122	10.0	9.4	14.2

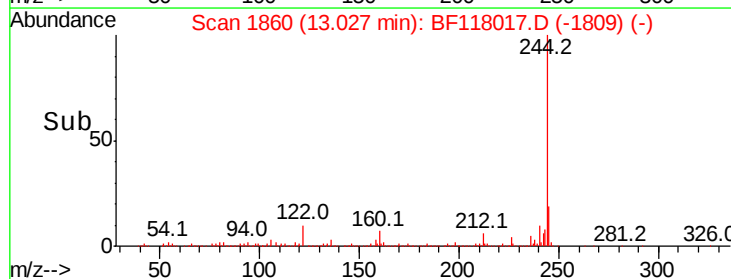
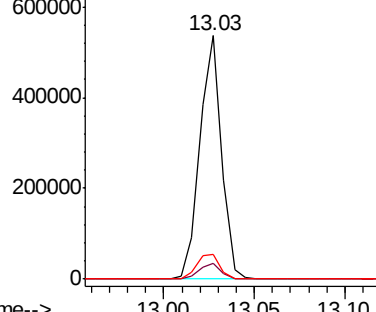


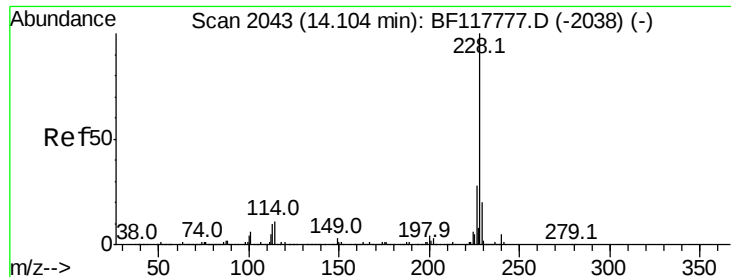
Abundance

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





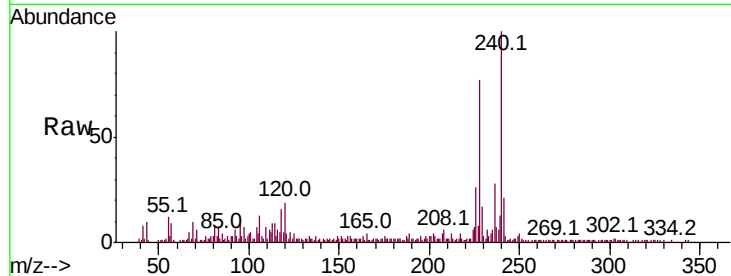
#81
Benzo(a)anthracene
Concen: 2.872 ng m
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF118017.D
Acq: 26 Nov 2019 19:52

Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B4

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.2	33.2#
229	22.1	15.9	23.9

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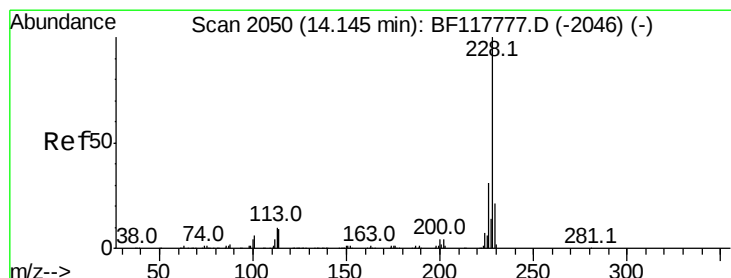
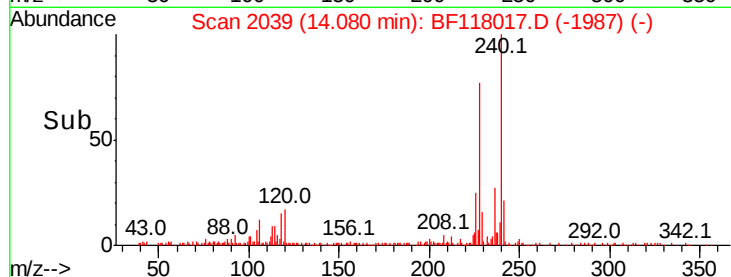
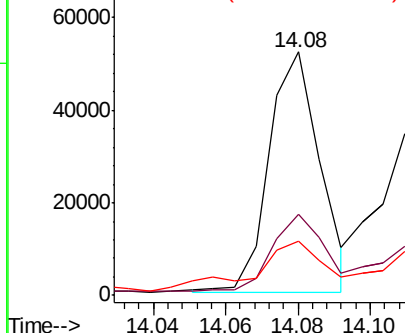


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 2.931 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BF118017.D
Acq: 26 Nov 2019 19:52

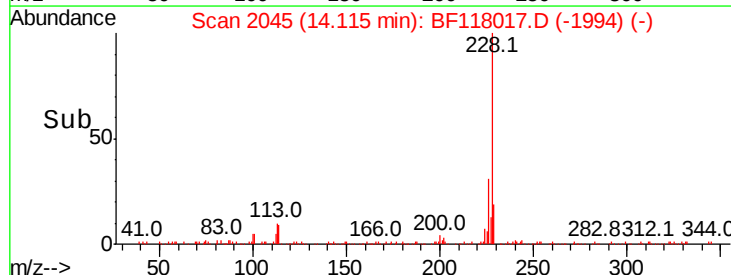
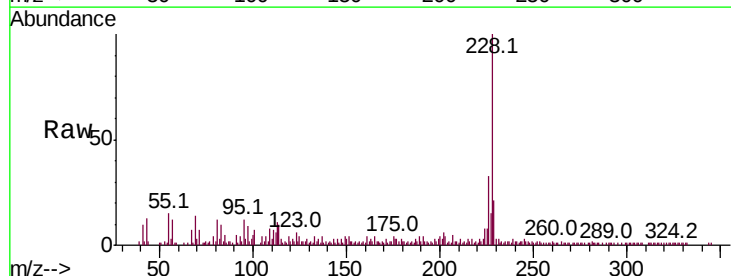
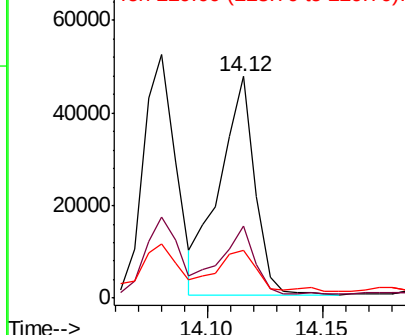
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.4
229	21.4	16.6	25.0

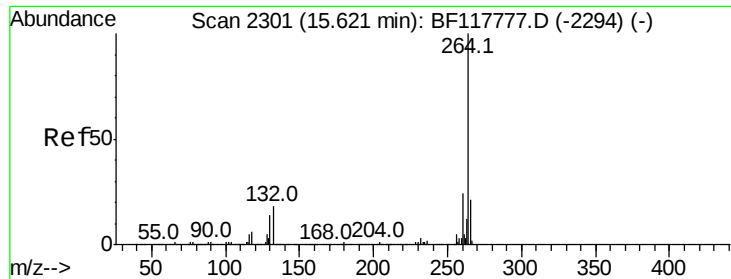
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





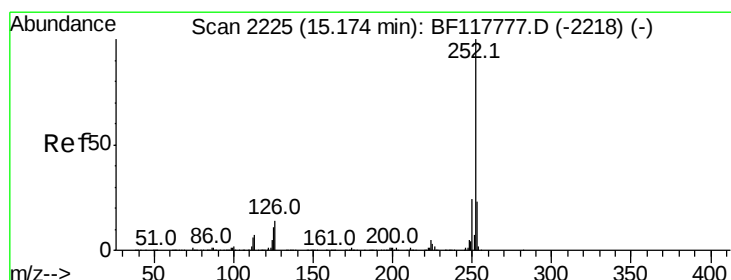
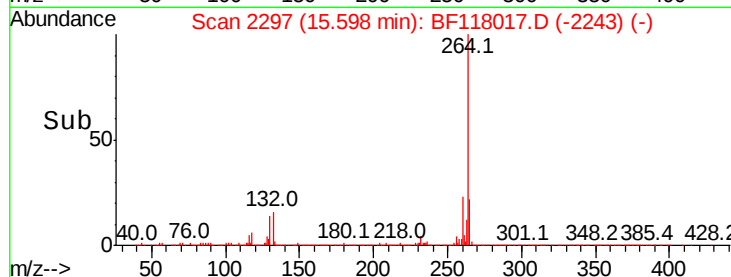
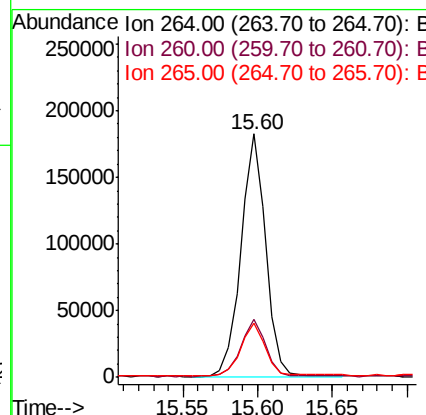
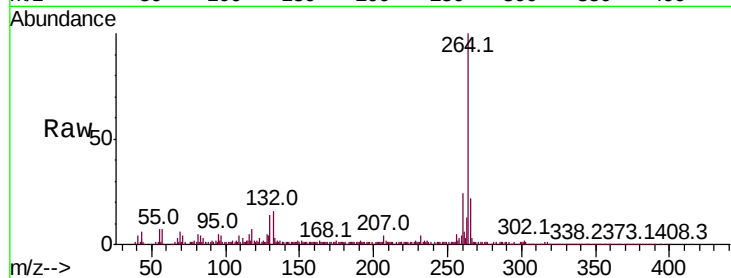
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.02 min
Lab File: BF118017.D
Acq: 26 Nov 2019 19:52

Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	22.1	17.1	25.7

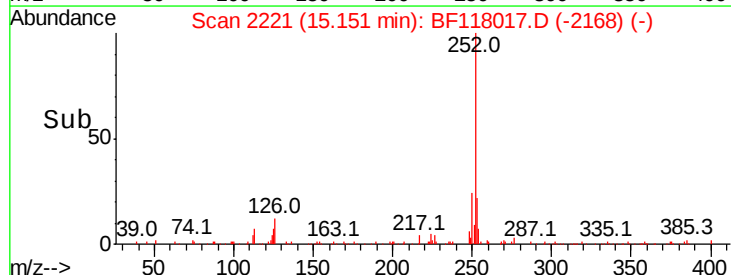
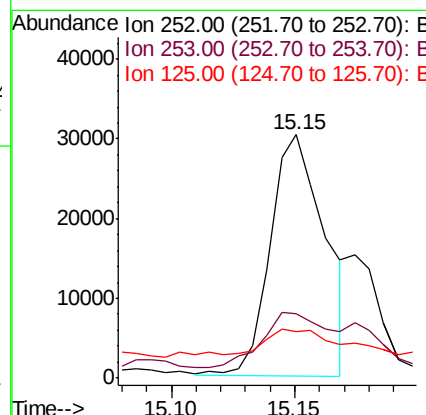
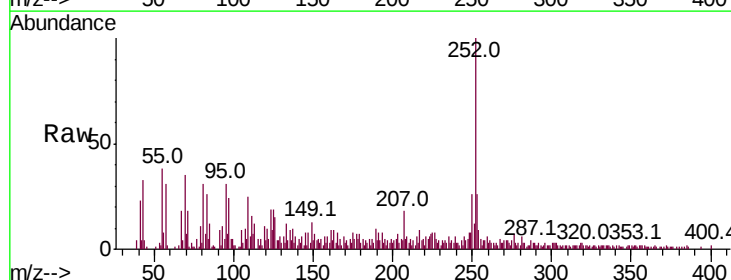
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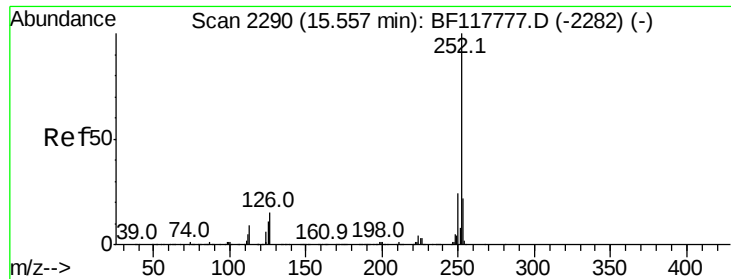
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#88
Benzo(b)fluoranthene
Concen: 3.432 ng m
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF118017.D
Acq: 26 Nov 2019 19:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.0	27.0
125	19.3	8.6	13.0





#90

Benzo(a)pyrene

Concen: 2.820 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF118017.D

Acq: 26 Nov 2019 19:52

Instrument :

BNA_F

ClientSampleId :

WS-112019-0-2-COMP-B4

Tot Ion:	252	Resp:	33811
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.8	26.6#
125	22.6	9.2	13.8#

Manual Integrations
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