

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
 Data File : BF118046.D
 Acq On : 27 Nov 2019 17:42
 Operator : JU
 Sample : K5959-06 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Nov 28 00:32:11 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	6.88	152	145415	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	545393	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	274015	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	445363	20.00	ng	0.00
76) Chrysene-d12	14.08	240	317763	20.00	ng	0.00
87) Perylene-d12	15.58	264	352765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	316245	38.50	ng	-0.01
7) Phenol-d6	6.50	99	415731	41.96	ng	-0.02
23) Nitrobenzene-d5	7.44	82	252968	27.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	98493	33.95	ng	-0.02
45) 2-Fluorobiphenyl	9.25	172	540803	35.41	ng	-0.02
79) Terphenyl-d14	13.02	244	489548	28.16	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.64	163	85921	4.472	ng	99
71) Phenanthrene	11.45	178	49226	2.198	ng	98
78) Pyrene	12.87	202	94801	3.692	ng	97
81) Benzo(a)anthracene	14.07	228	63887	3.042	ng	# 91
83) Chrysene	14.10	228	65454	3.217	ng	97
88) Benzo(b)fluoranthene	15.13	252	89162m	3.890	ng	
90) Benzo(a)pyrene	15.52	252	56792	2.818	ng	# 88

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

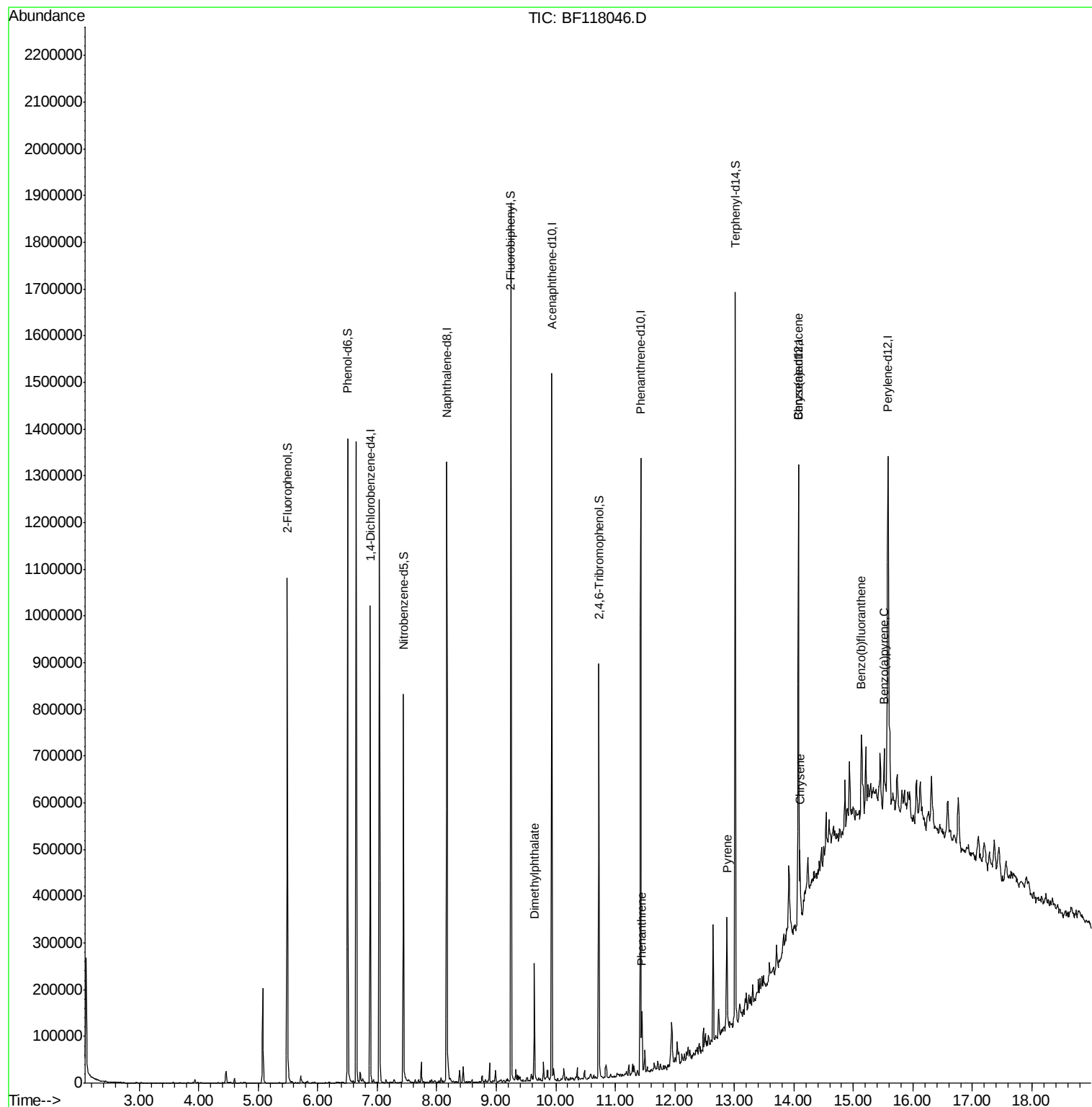
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
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ALS Vial : 11 Sample Multiplier: 1

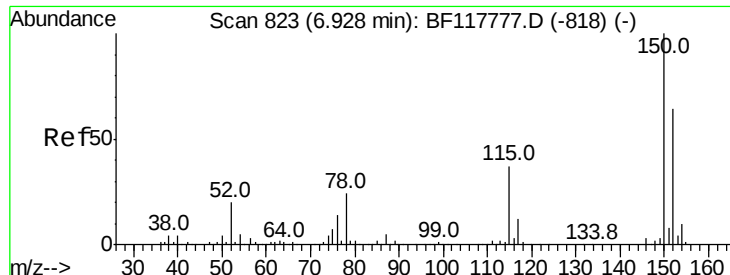
Instrument :
BNA_F
ClientSampleId :
WS-112019-0-2-COMP-B4

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#1

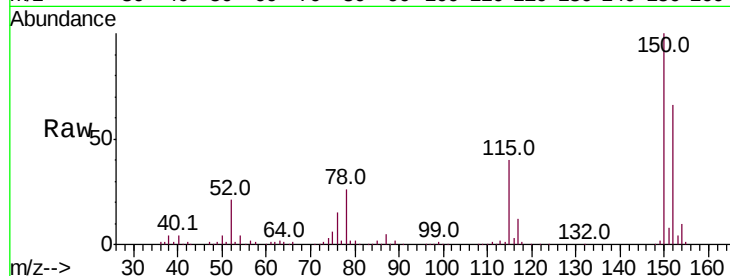
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	125.3	187.9
115	60.9	47.0	70.4

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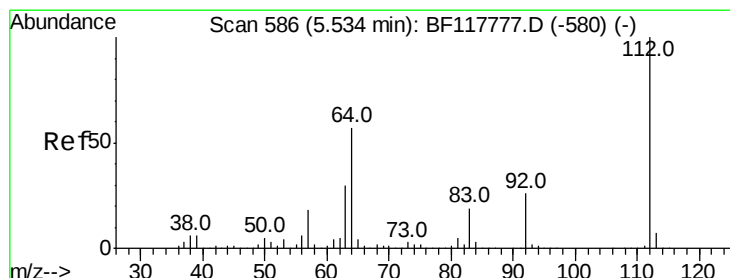
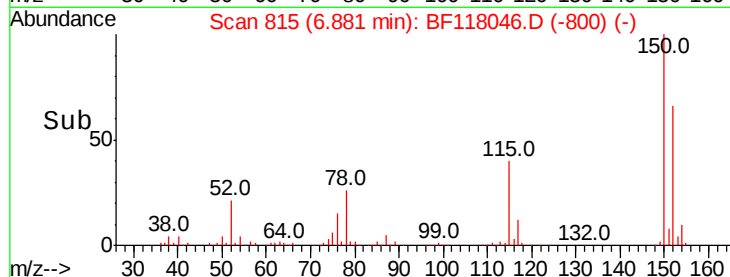
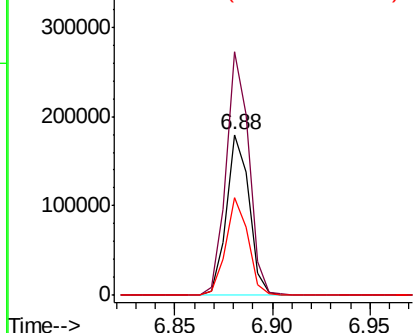


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

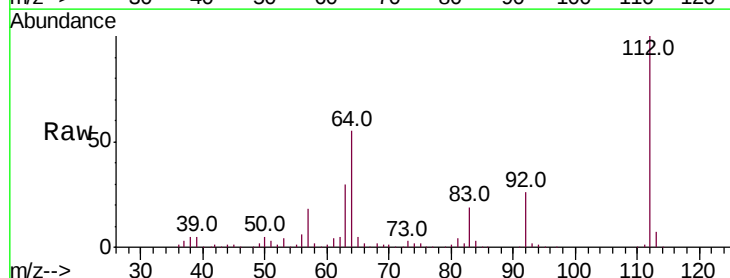
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.496 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	45.6	68.4
63	29.5	24.1	36.1

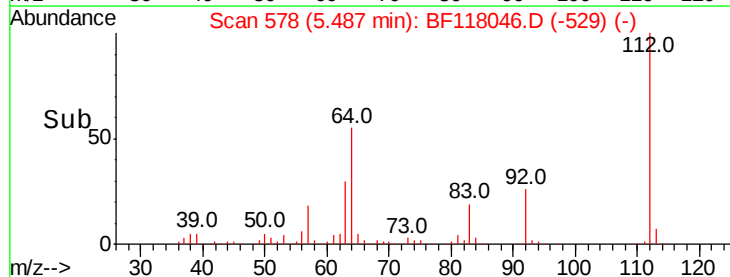
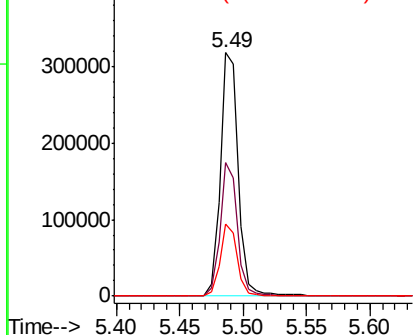


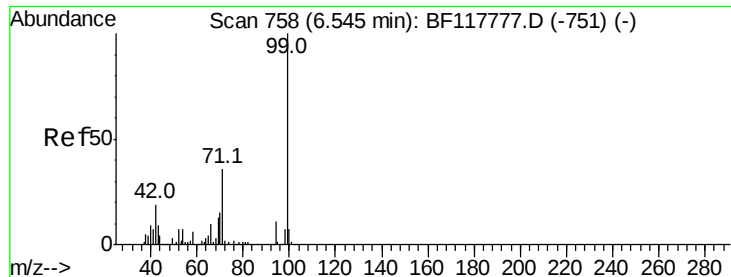
Abundance

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: 41.956 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF118046.D

Acq: 27 Nov 2019 17:42

Instrument :

BNA_F

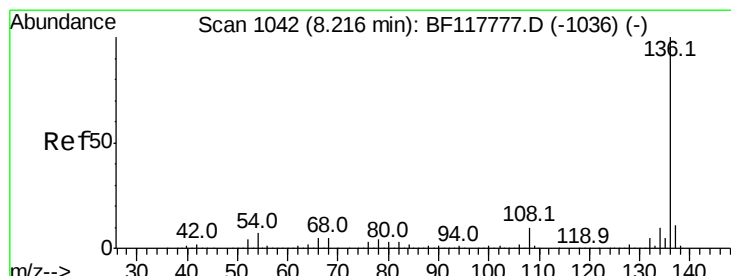
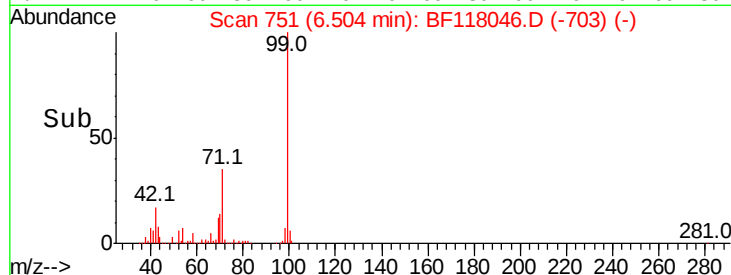
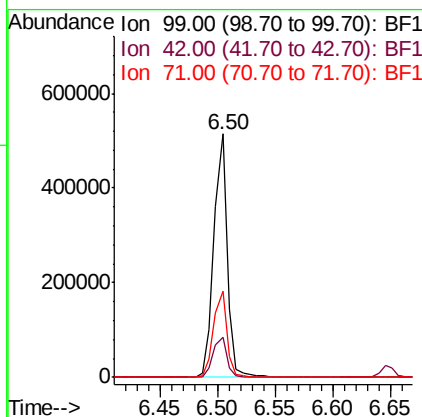
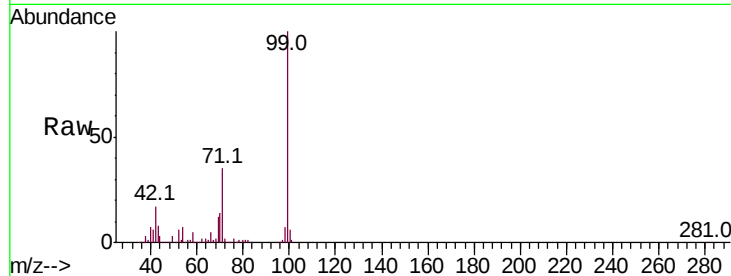
ClientSampleId :

WS-112019-0-2-COMP-B4

Tot Ion:	99	Resp:	415731
Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.9	22.3
71	35.3	28.6	43.0

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#21

Naphthalene-d8

Concen: 20.000 ng

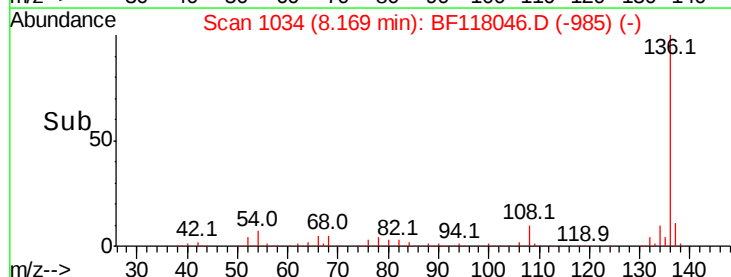
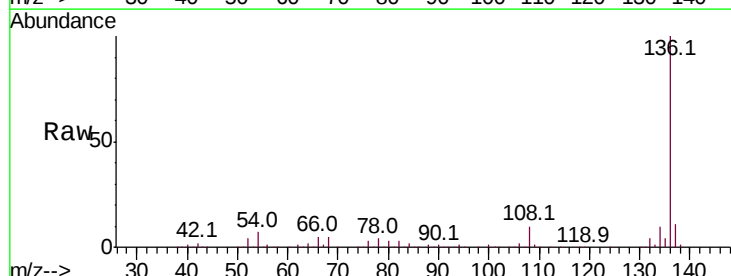
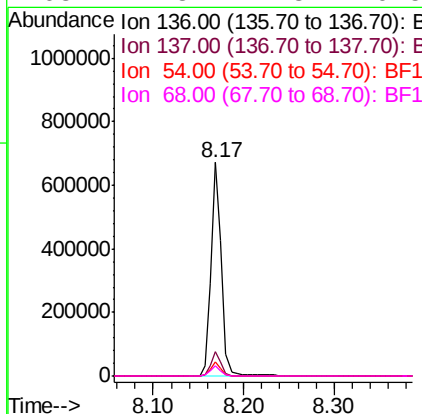
RT: 8.17 min Scan# 1034

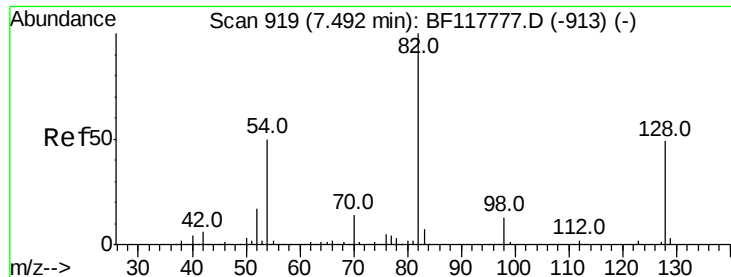
Delta R.T. -0.01 min

Lab File: BF118046.D

Acq: 27 Nov 2019 17:42

Tgt Ion:	136	Resp:	545393
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	6.6	5.4	8.2
68	4.8	4.3	6.5





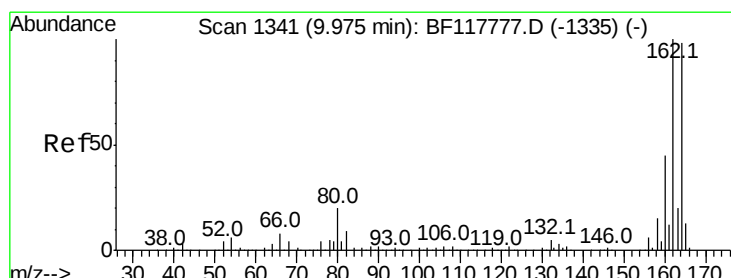
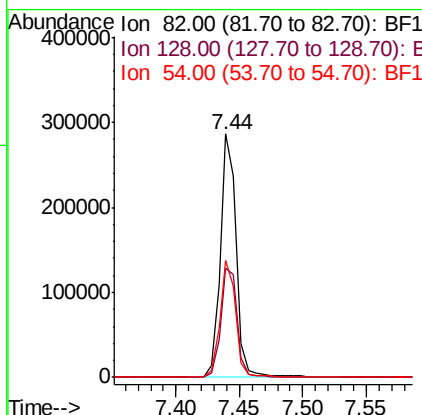
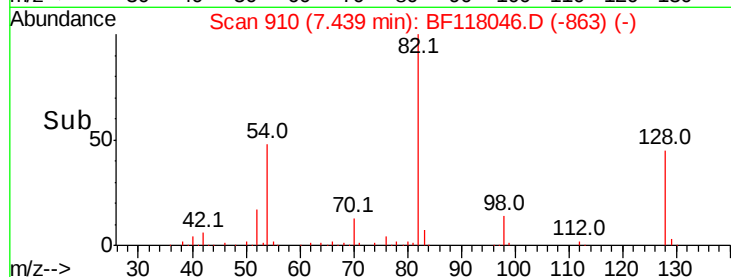
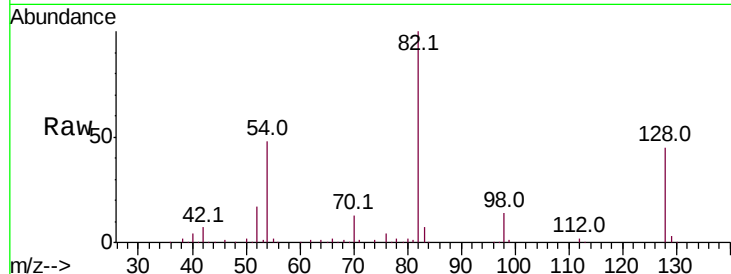
#23
 Nitrobenzene-d5
 Concen: 27.573 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF118046.D
 Acq: 27 Nov 2019 17:42

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.0	38.9	58.3	
54	48.1	39.8	59.6	

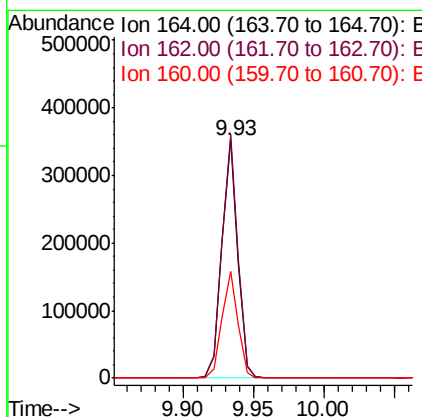
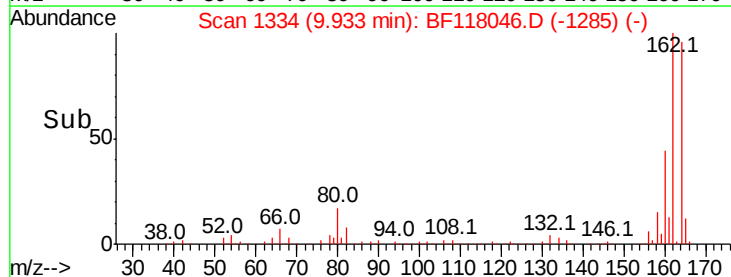
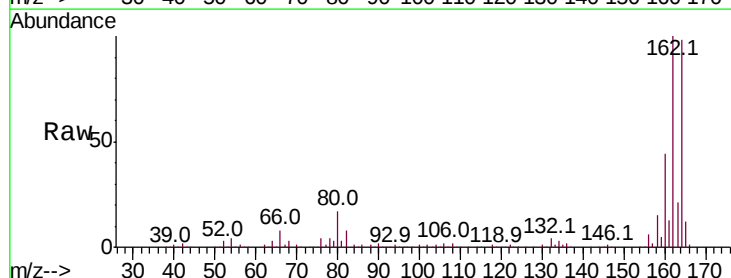
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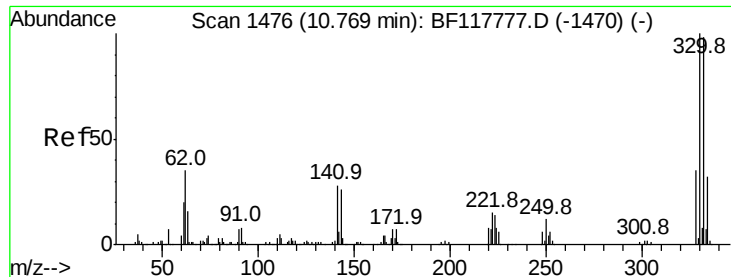
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF118046.D
 Acq: 27 Nov 2019 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	81.3	121.9	
160	45.0	36.6	55.0	





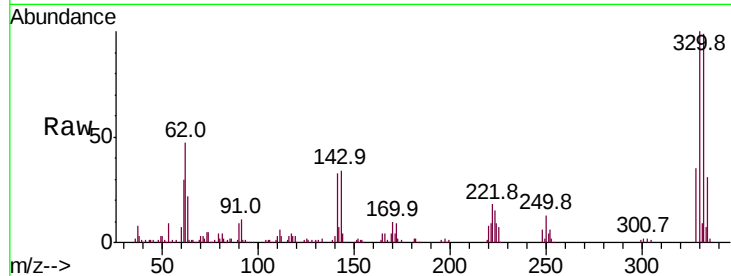
#42
 2,4,6-Tribromophenol
 Concen: 33.952 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.02 min
 Lab File: BF118046.D
 Acq: 27 Nov 2019 17:42

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

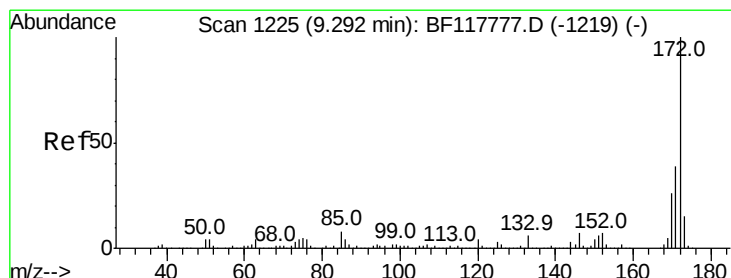
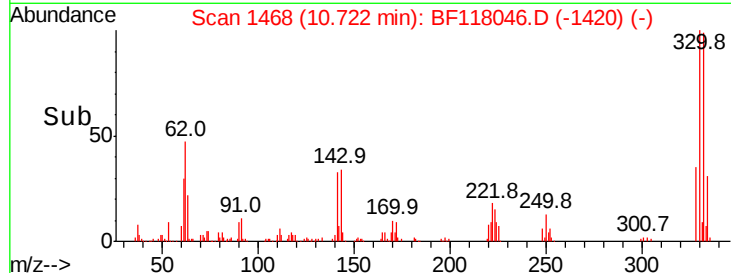
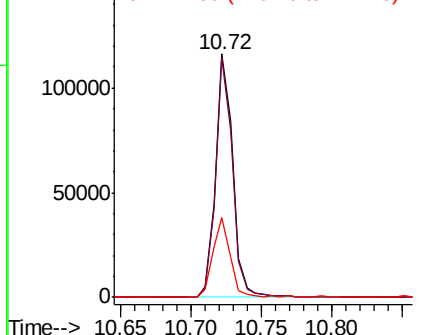
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.7	115.1
141	33.4	27.7	41.5

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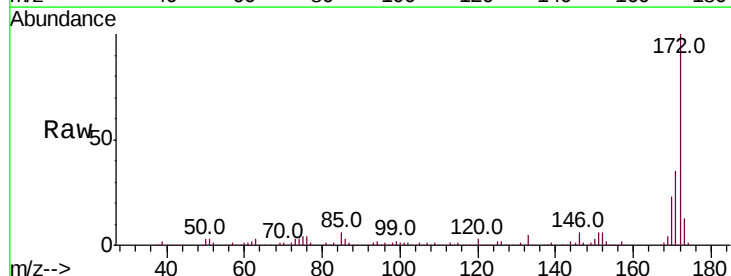


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

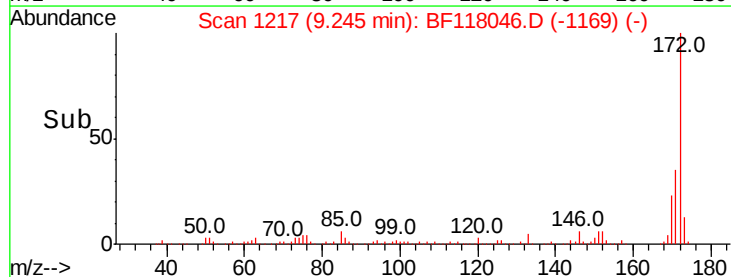
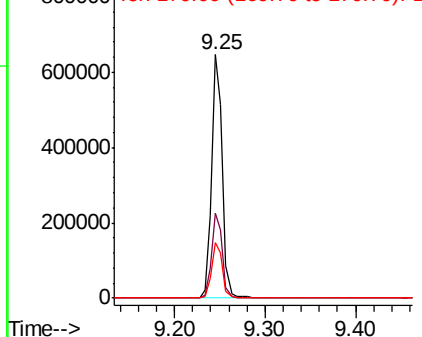


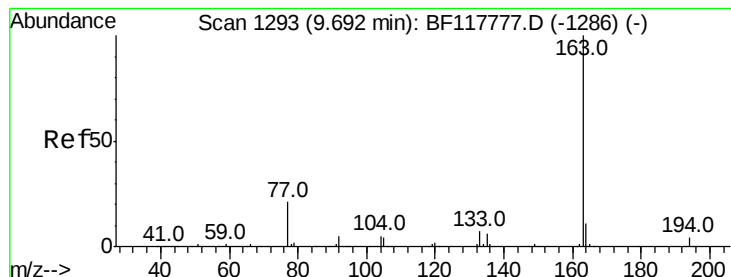
#45
 2-Fluorobiphenyl
 Concen: 35.408 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.02 min
 Lab File: BF118046.D
 Acq: 27 Nov 2019 17:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.9	46.3
170	22.8	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: 4.472 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.03 min

Lab File: BF118046.D

Acq: 27 Nov 2019 17:42

Instrument :

BNA_F

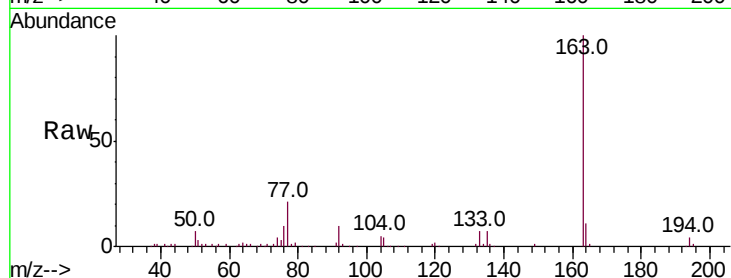
ClientSampleId :

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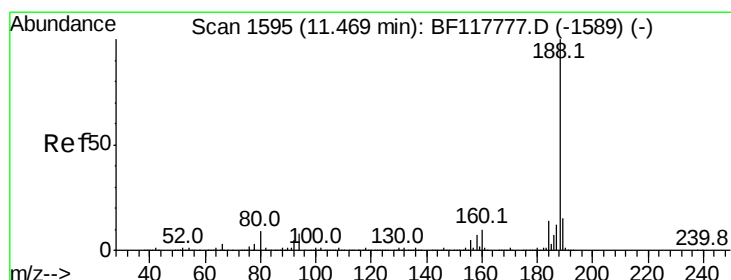
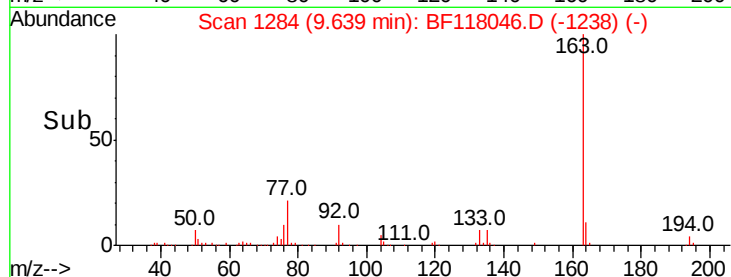
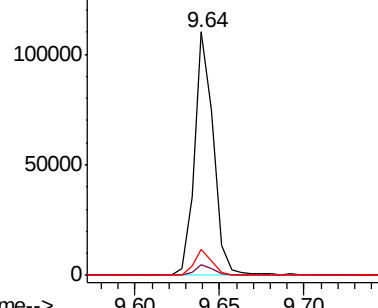
Tot Ion:	163	Resp:	85921
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.3	4.9
164	10.6	8.7	13.1

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Abundance Ion 163.00 (162.70 to 163.70): E
150000
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

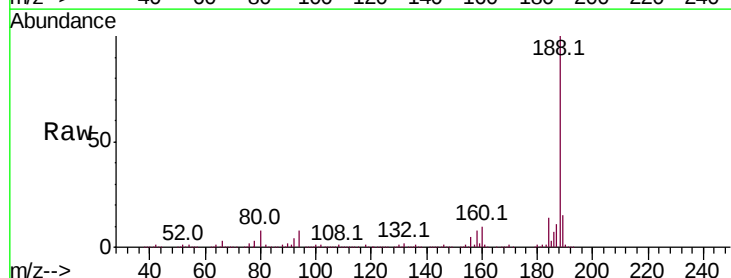
RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

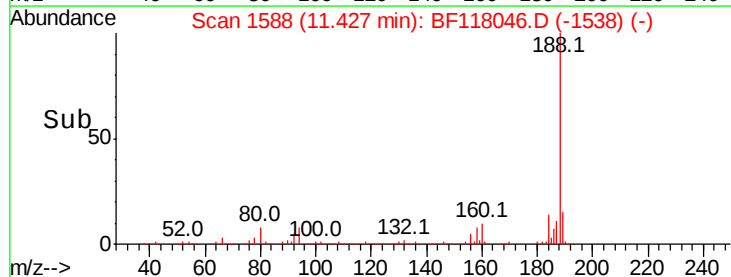
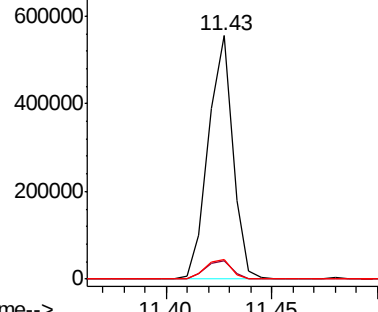
Lab File: BF118046.D

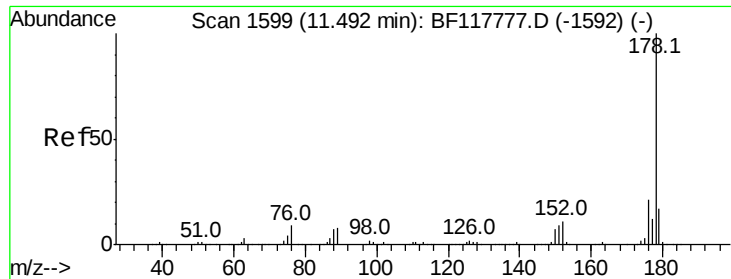
Acq: 27 Nov 2019 17:42

Tgt Ion:	188	Resp:	445363
Ion Ratio	Lower	Upper	
188	100		
94	7.6	6.6	10.0
80	8.3	7.2	10.8



Abundance Ion 188.00 (187.70 to 188.70): E
600000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





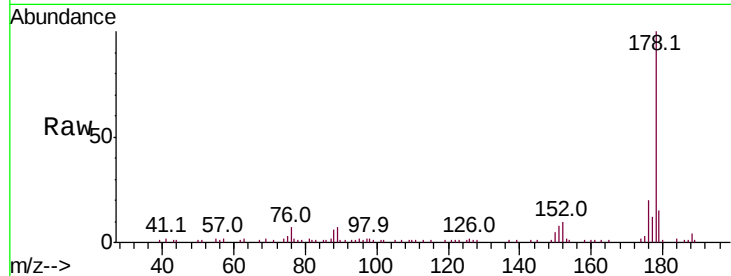
#71
Phenanthrene
Concen: 2.198 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

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

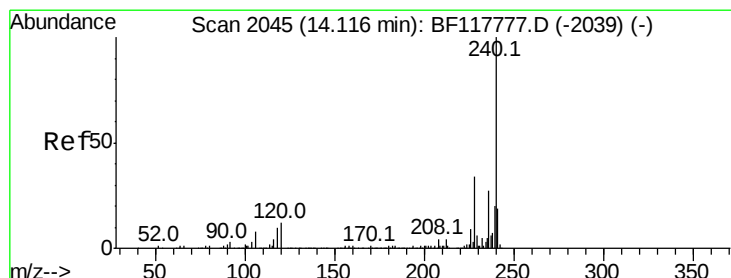
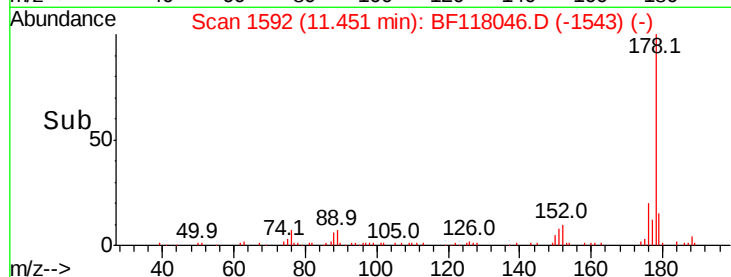
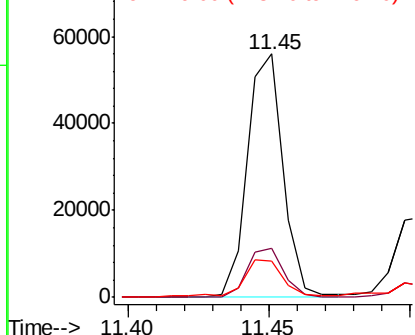
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	25.0
179	14.9	13.2	19.8

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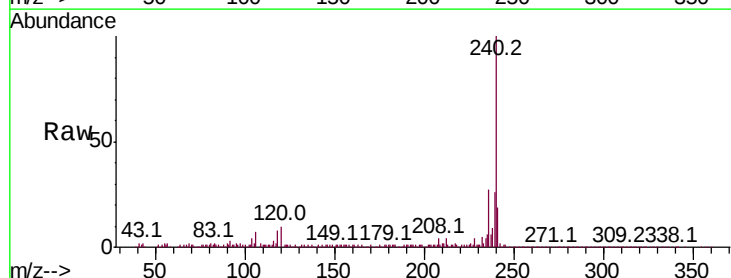


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

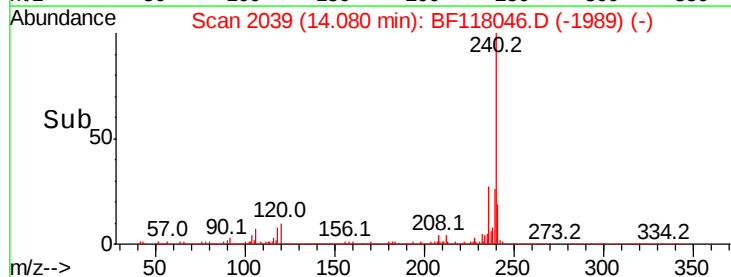
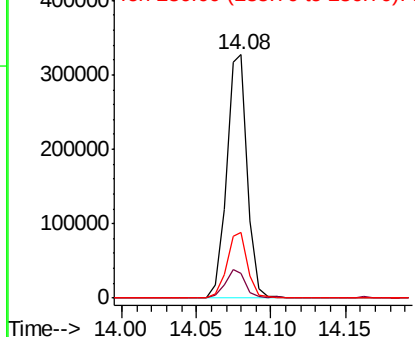


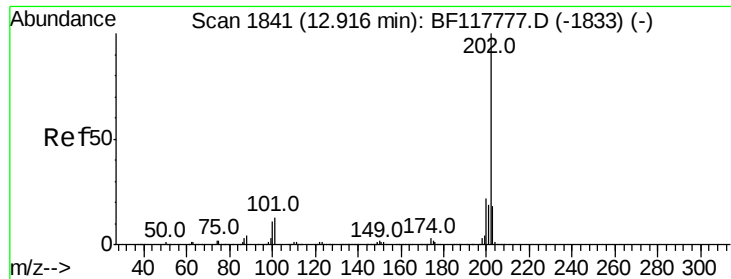
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	27.2	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: 3.692 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF118046.D

Acq: 27 Nov 2019 17:42

Instrument :

BNA_F

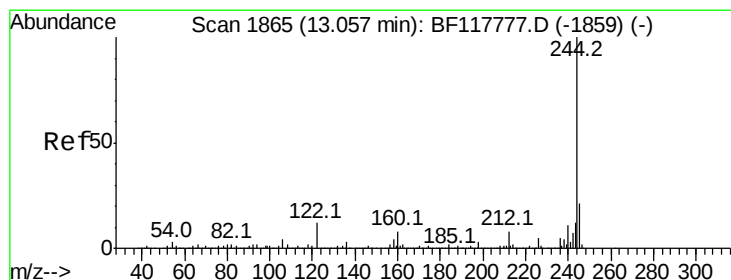
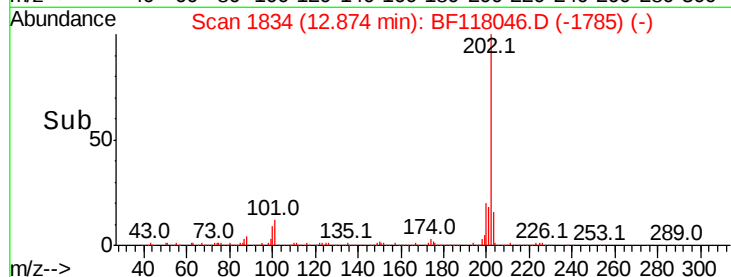
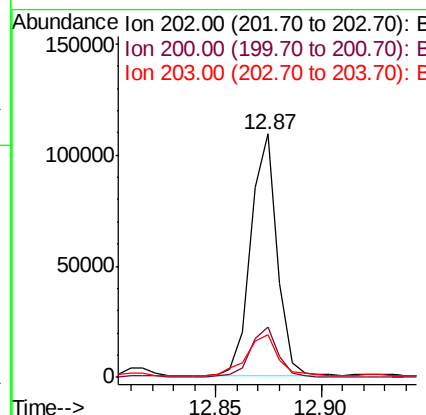
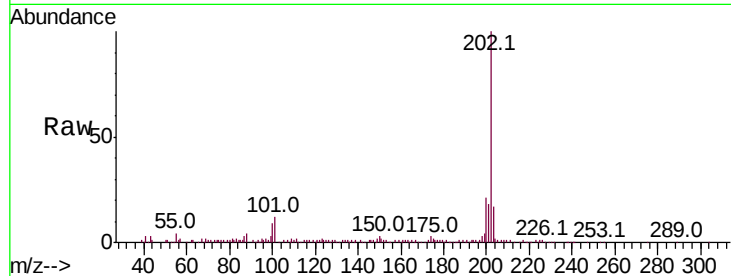
ClientSampleId :

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Tot Ion:	202	Resp:	94801
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.8	26.8
203	17.3	14.6	22.0

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#79

Terphenyl-d14

Concen: 28.156 ng

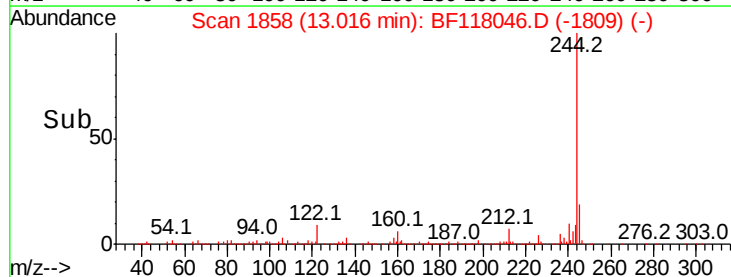
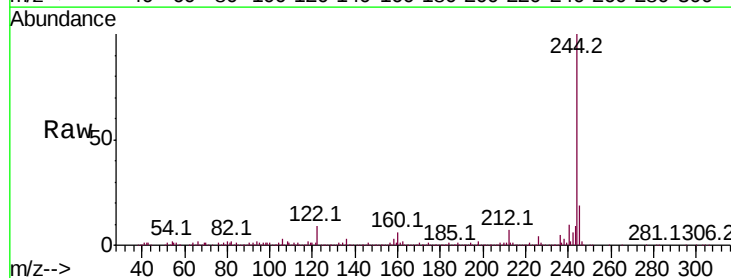
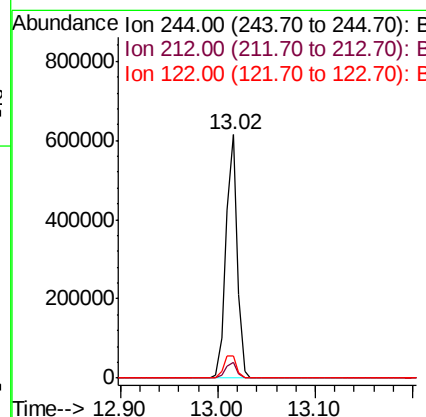
RT: 13.02 min Scan# 1858

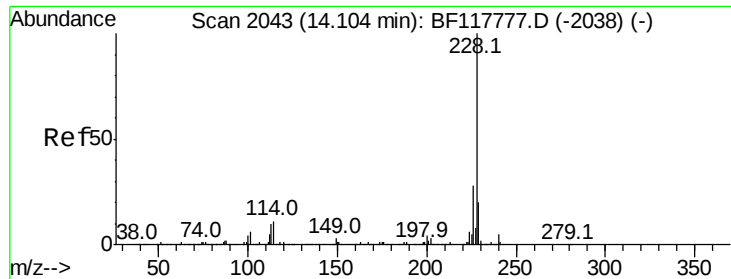
Delta R.T. -0.01 min

Lab File: BF118046.D

Acq: 27 Nov 2019 17:42

Tgt Ion:	244	Resp:	489548
Ion Ratio	Lower	Upper	
244	100		
212	6.5	6.3	9.5
122	9.4	9.4	14.2#





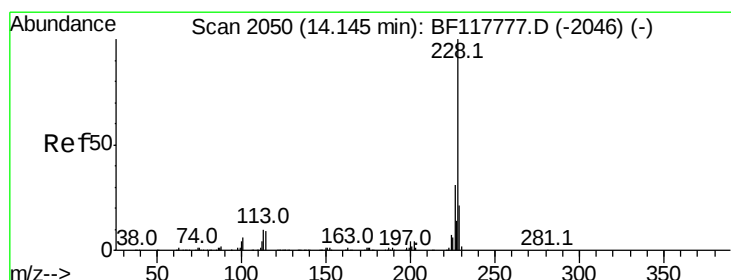
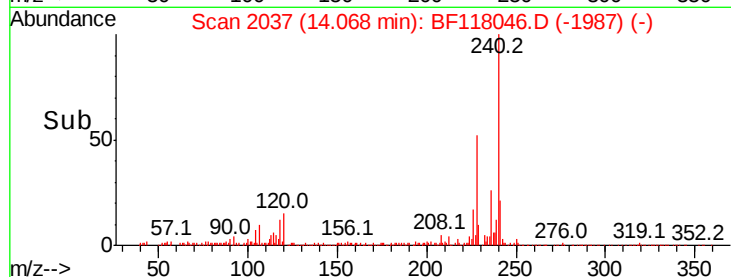
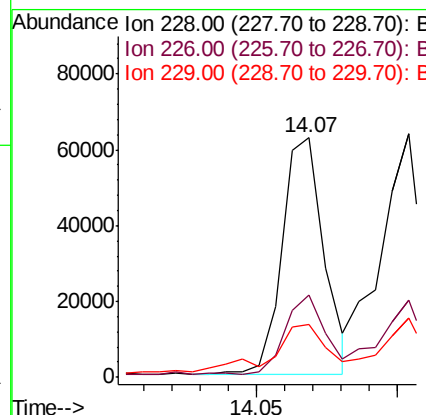
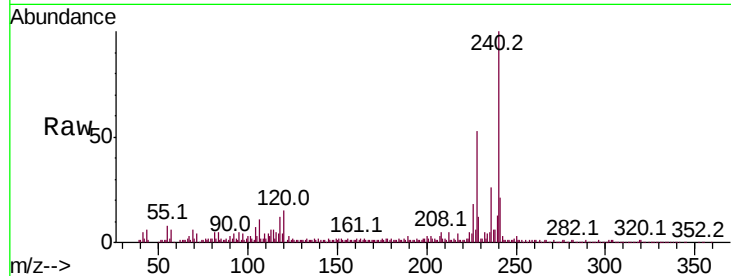
#81
Benzo(a)anthracene
Concen: 3.042 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	22.2	33.2#
229	21.9	15.9	23.9

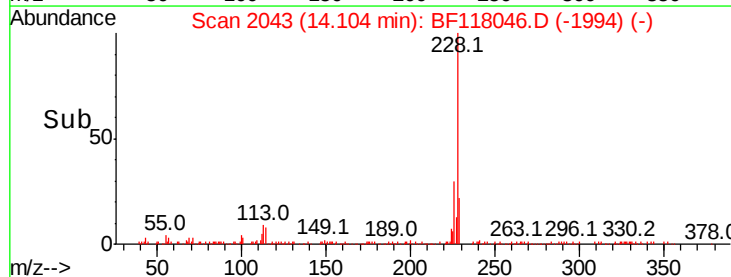
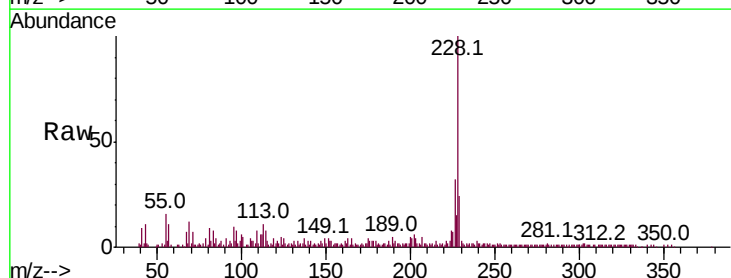
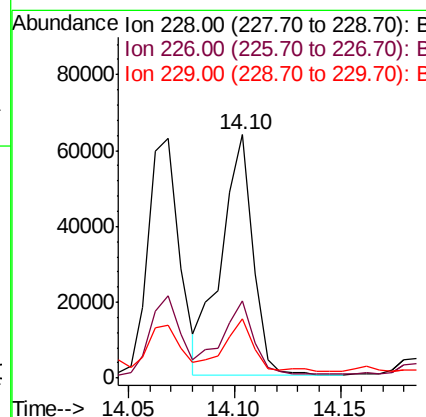
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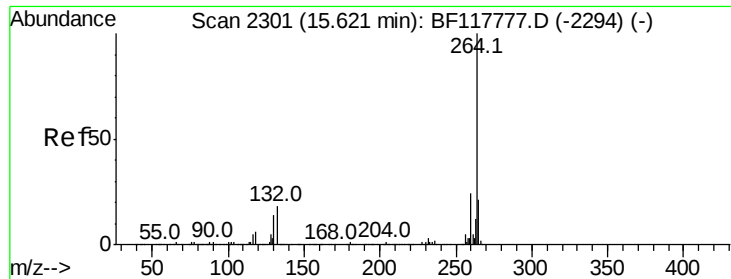
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#83
Chrysene
Concen: 3.217 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.4
229	24.1	16.6	25.0





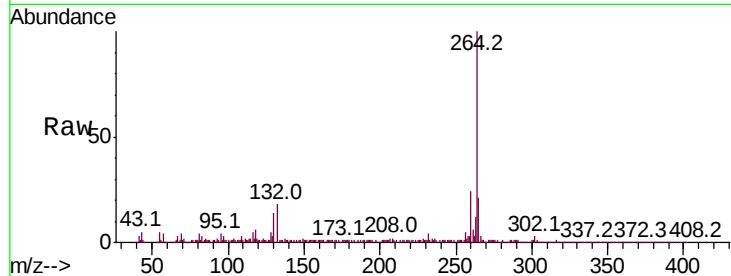
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.5	17.1	25.7

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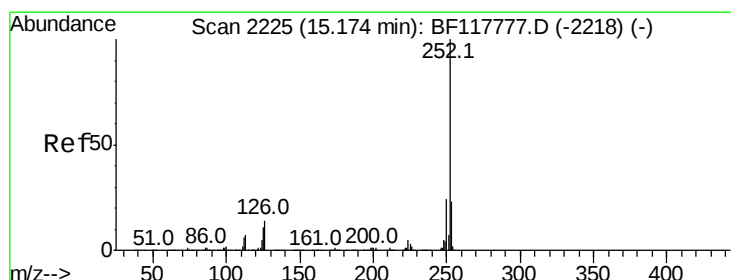
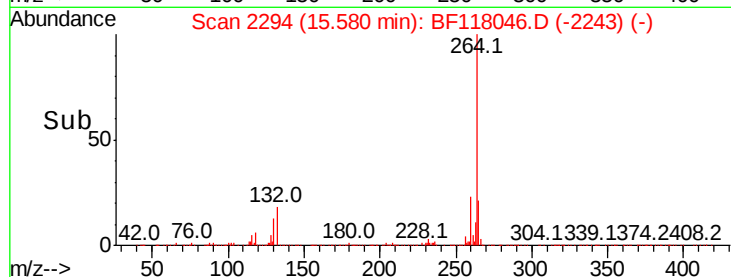
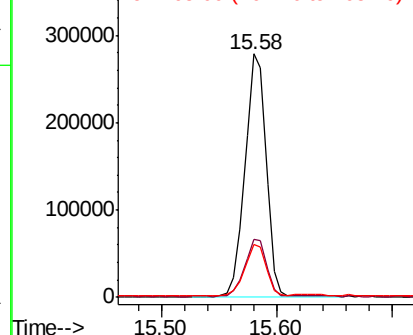


Abundance

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



#88
Benzo(b)fluoranthene
Concen: 3.890 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF118046.D
Acq: 27 Nov 2019 17:42

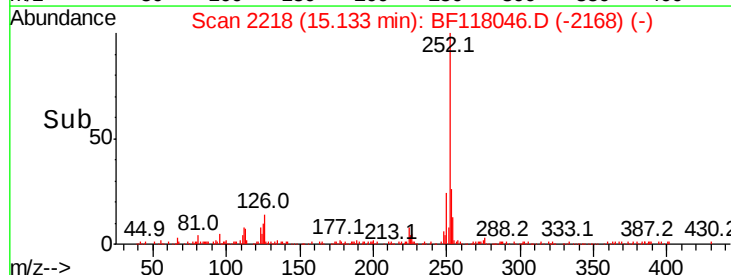
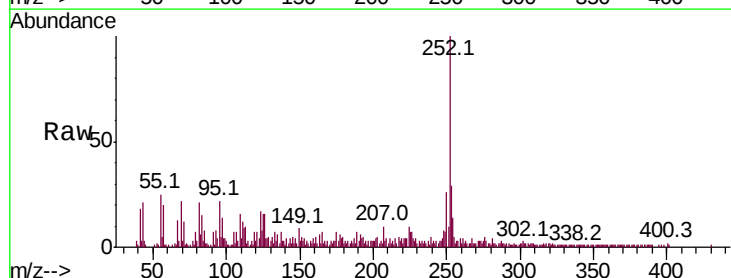
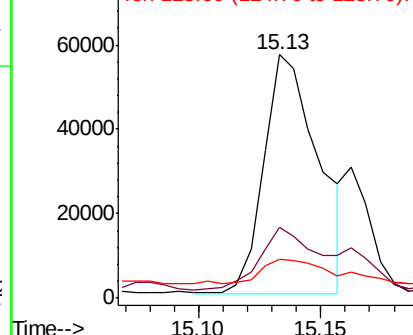
Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.9	18.0	27.0#
125	16.0	8.6	13.0#

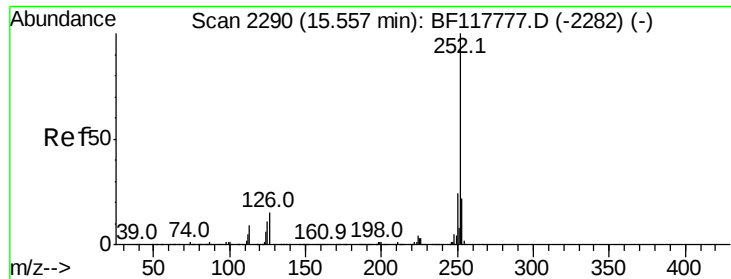
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.818 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF118046.D

Acq: 27 Nov 2019 17:42

Instrument :

BNA_F

ClientSampleId :

WS-112019-0-2-COMP-B4

Tot Ion:	252	Resp:	56792
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.8	26.6#
125	17.5	9.2	13.8#

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