

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117944.D
 Acq On : 23 Nov 2019 3:13
 Operator : JU
 Sample : K5676-26 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112019RE

Manual Integrations
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 11/25/2019 8:19:46 AM

Quant Time: Nov 23 05:57:08 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	195945	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	698424	20.00	ng	-0.02
39) Acenaphthene-d10	9.95	164	302300	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	445926	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	369623	20.00	ng	-0.02
87) Perylene-d12	15.60	264	429341	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	492558	44.50	ng	-0.02
7) Phenol-d6	6.52	99	676158	50.64	ng	-0.02
23) Nitrobenzene-d5	7.46	82	380152	32.36	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	127438	39.82	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	747614	44.37	ng	-0.02
79) Terphenyl-d14	13.03	244	528755	26.14	ng	-0.02
Target Compounds						
31) Naphthalene	8.21	128	68327	2.099	ng	99
50) Dimethylphthalate	9.66	163	124842	5.889	ng	98
71) Phenanthrene	11.47	178	167543	7.473	ng	96
78) Pyrene	12.89	202	179001	5.992	ng	98
81) Benzo(a)anthracene	14.08	228	96512	3.951	ng	94
83) Chrysene	14.12	228	82644	3.492	ng	96
86) Indeno(1,2,3-cd)pyrene	17.12	276	46212	2.294	ng	99
88) Benzo(b)fluoranthene	15.15	252	110293m	3.954	ng	
90) Benzo(a)pyrene	15.53	252	77870	3.175	ng	97

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

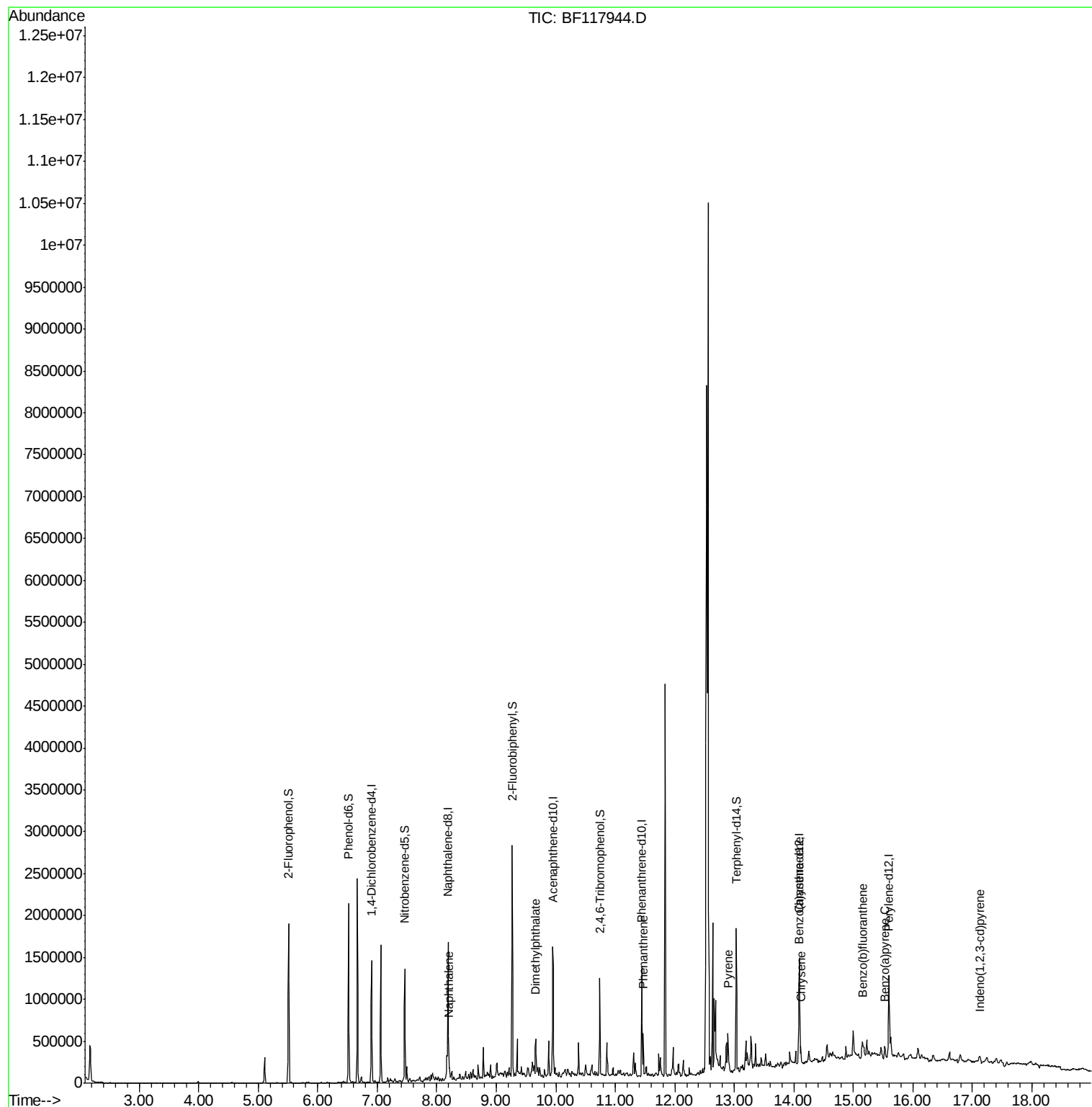
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
Data File : BF117944.D
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Sample : K5676-26 2X
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ALS Vial : 21 Sample Multiplier: 1

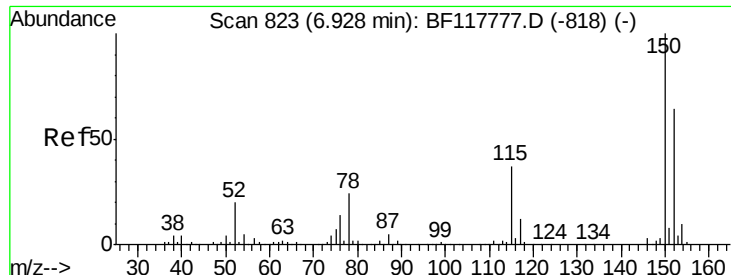
Instrument :
BNA_F
ClientSampleId :
SU-03-112019RE

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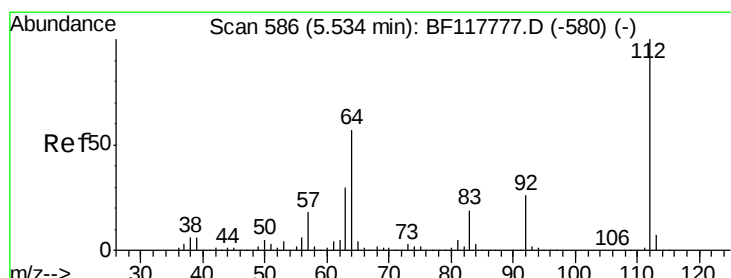
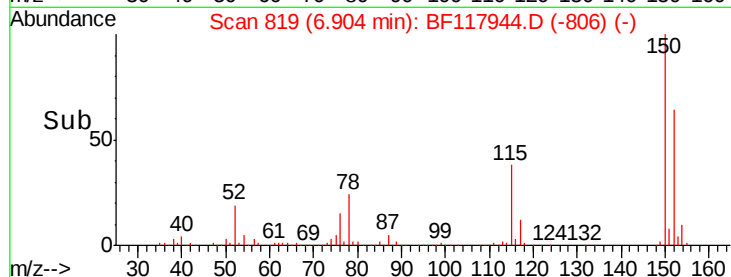
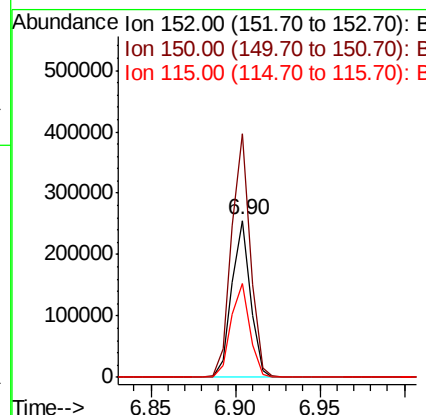
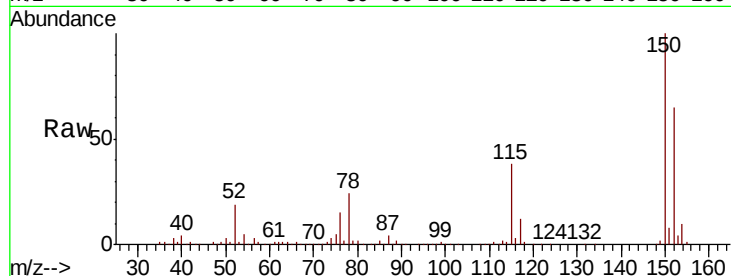
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF117944.D
 Acq: 23 Nov 2019 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112019RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.3	187.9
115	59.7	47.0	70.4

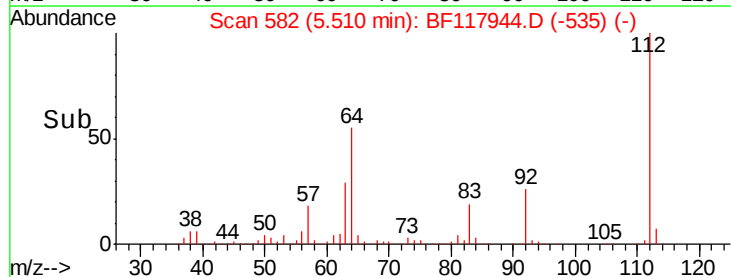
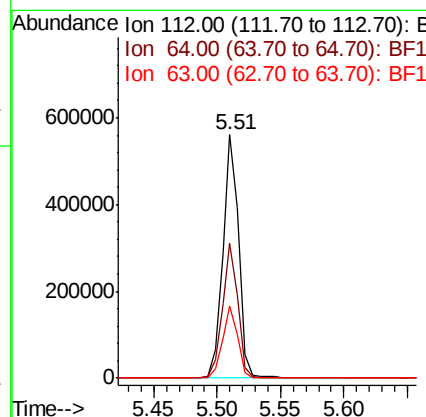
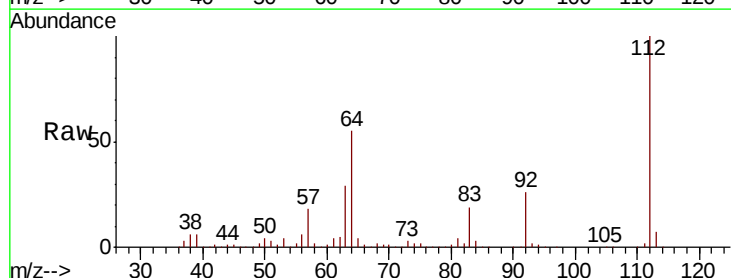
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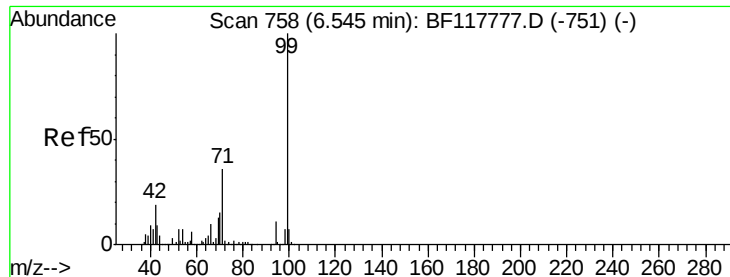
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#5
 2-Fluorophenol
 Concen: 44.496 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.02 min
 Lab File: BF117944.D
 Acq: 23 Nov 2019 3:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	45.6	68.4
63	29.4	24.1	36.1





#7

Phenol-d6

Concen: 50.642 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF117944.D

Acq: 23 Nov 2019 3:13

Instrument :

BNA_F

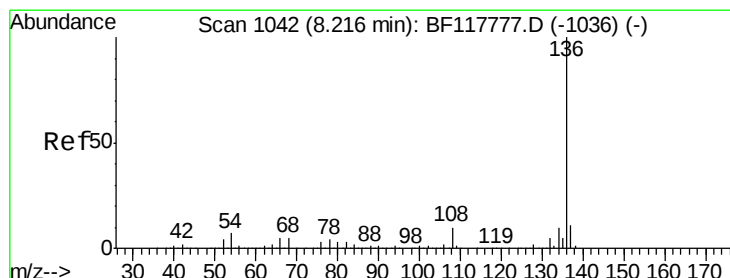
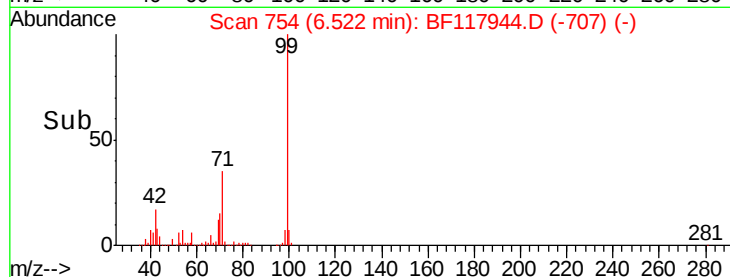
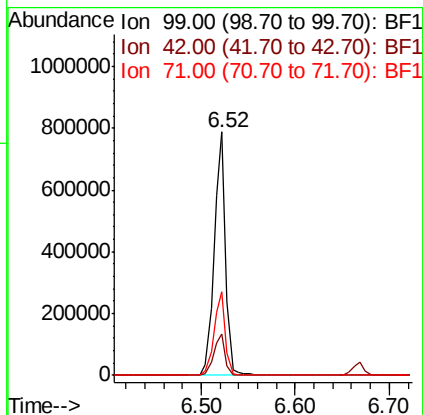
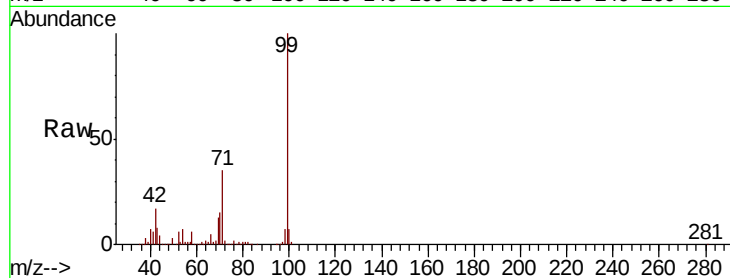
ClientSampleId :

SU-03-112019RE

Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	16.8	14.9	22.3	
71	34.5	28.6	43.0	

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#21

Naphthalene-d8

Concen: 20.000 ng

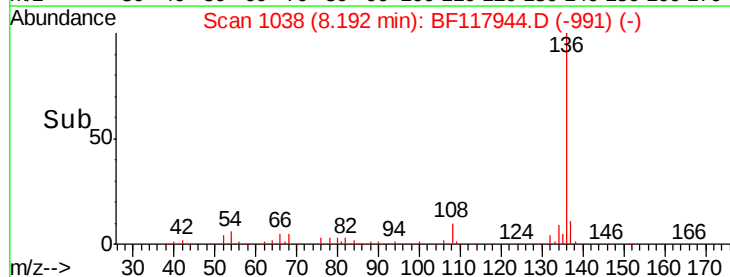
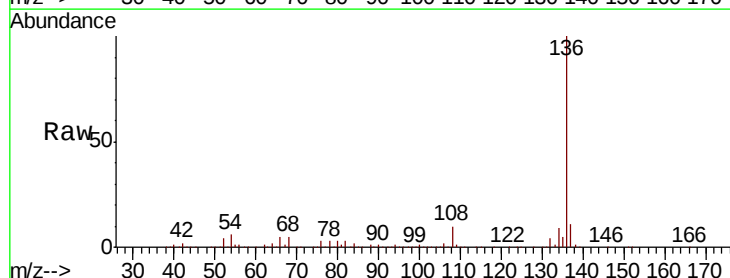
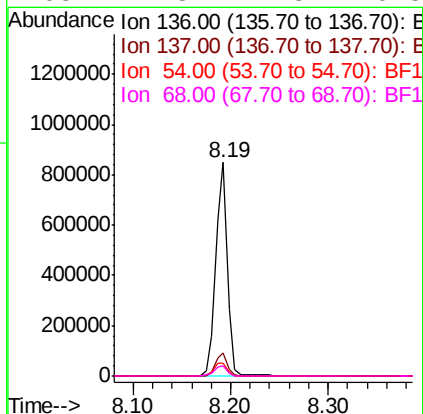
RT: 8.19 min Scan# 1038

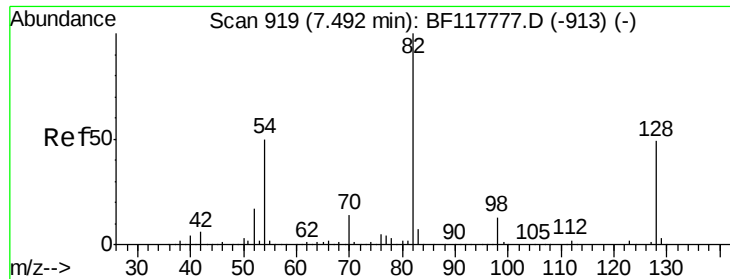
Delta R.T. -0.02 min

Lab File: BF117944.D

Acq: 23 Nov 2019 3:13

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.7	9.0	13.4	
54	6.3	5.4	8.2	
68	4.8	4.3	6.5	





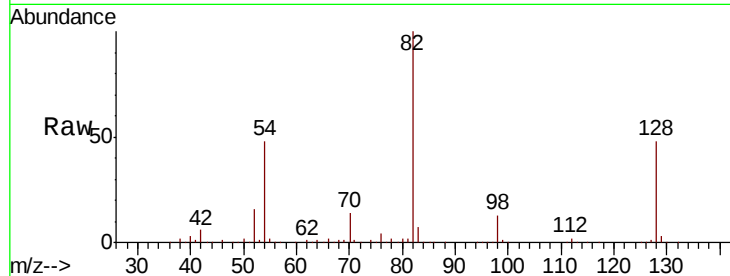
#23
Nitrobenzene-d5
Concen: 32.356 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117944.D
Acq: 23 Nov 2019 3:13

Instrument :
BNA_F
ClientSampleId :
SU-03-112019RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	38.9	58.3
54	47.7	39.8	59.6

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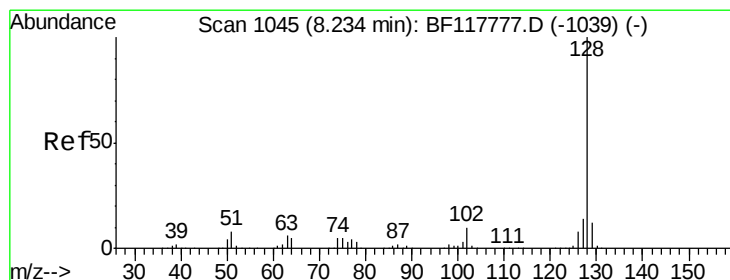
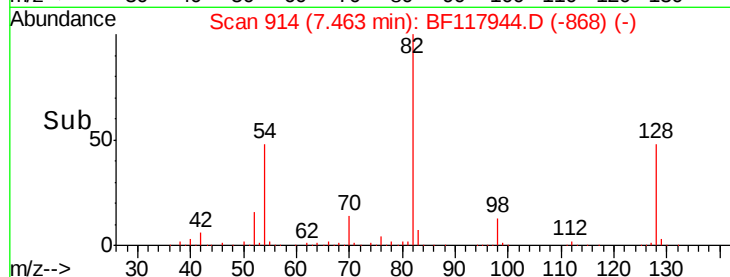
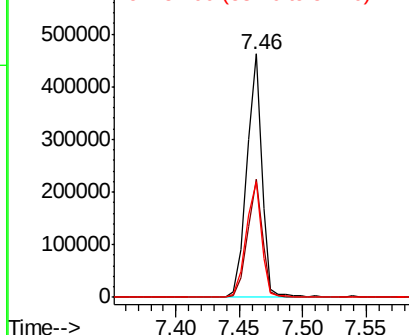


Abundance

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: 2.099 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF117944.D
Acq: 23 Nov 2019 3:13

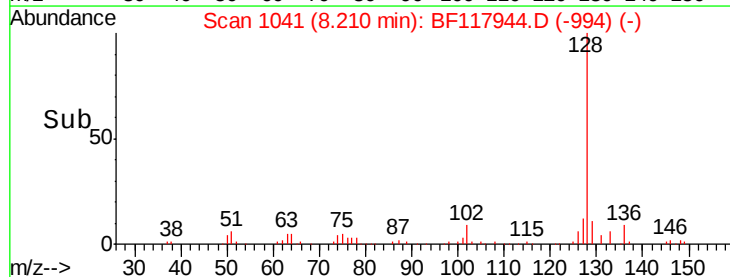
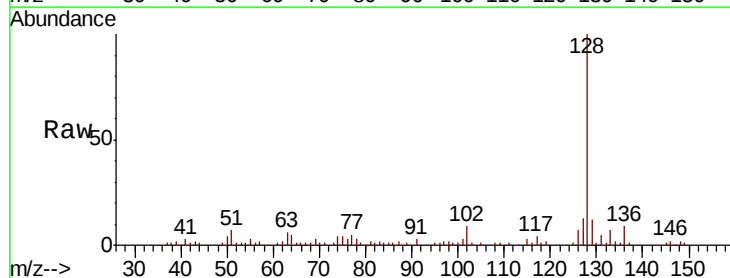
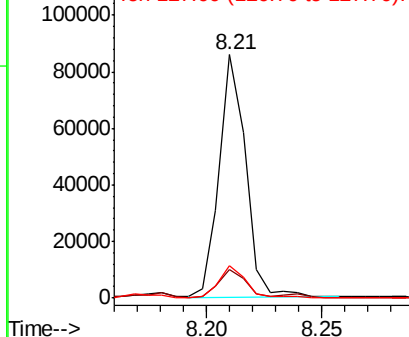
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.5	14.3
127	13.2	11.3	16.9

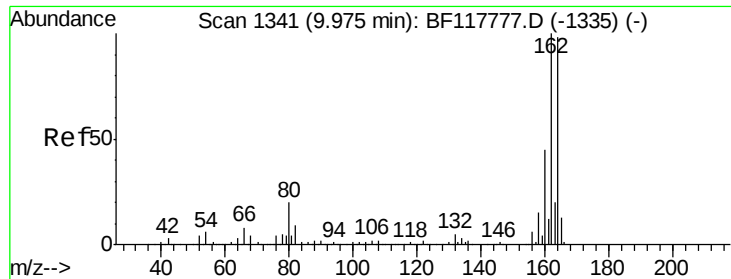
Abundance

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





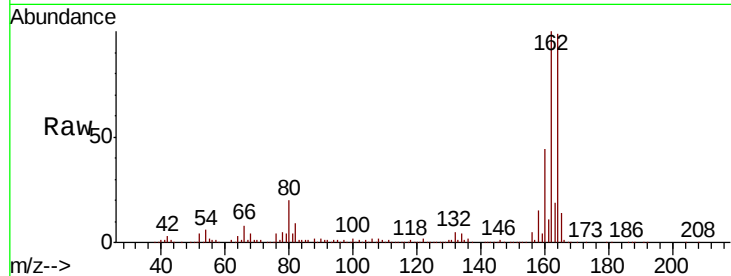
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117944.D
Acq: 23 Nov 2019 3:13

Instrument :
BNA_F
ClientSampleId :
SU-03-112019RE

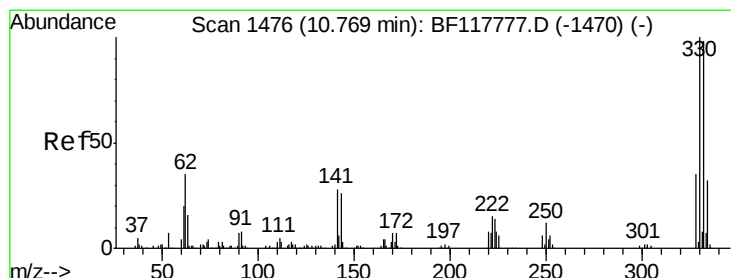
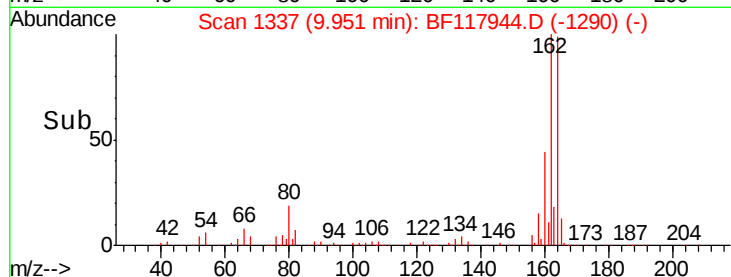
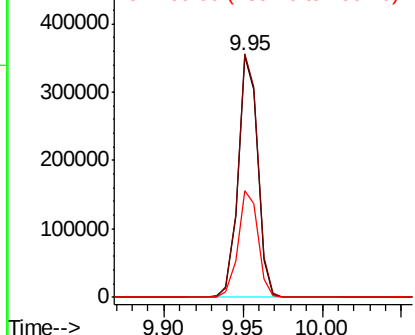
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	81.3	121.9	
160	44.4	36.6	55.0	

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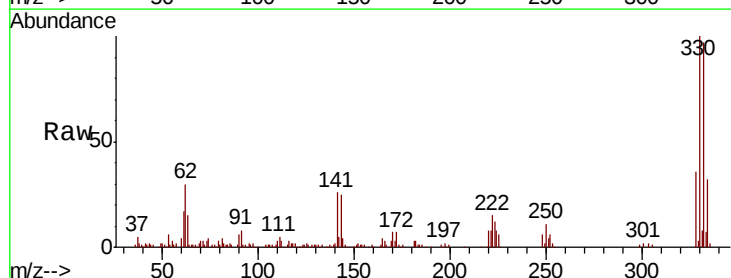


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

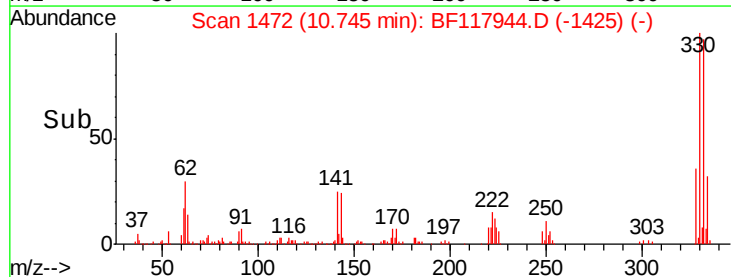
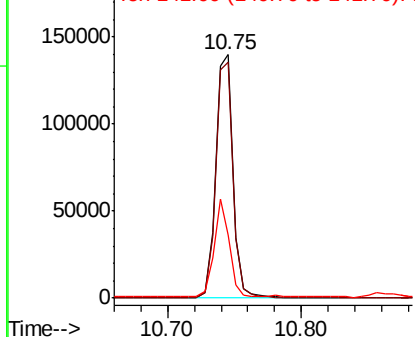


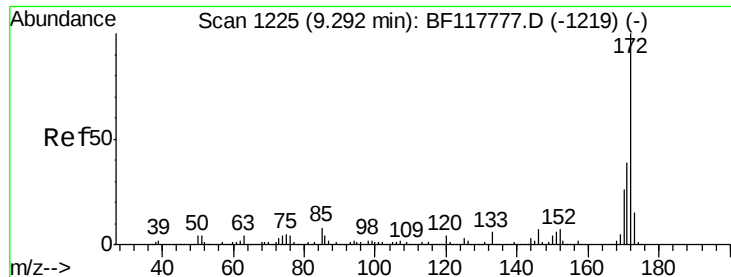
#42
2,4,6-Tribromophenol
Concen: 39.819 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117944.D
Acq: 23 Nov 2019 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	76.7	115.1	
141	35.3	27.7	41.5	



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





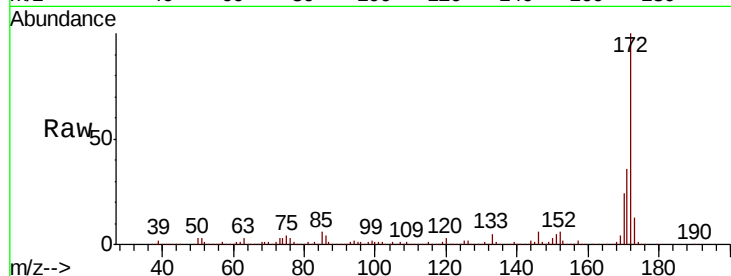
#45
2-Fluorobiphenyl
Concen: 44.368 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117944.D
Acq: 23 Nov 2019 3:13

Instrument :
BNA_F
ClientSampleId :
SU-03-112019RE

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.9	46.3
170	23.6	21.0	31.4

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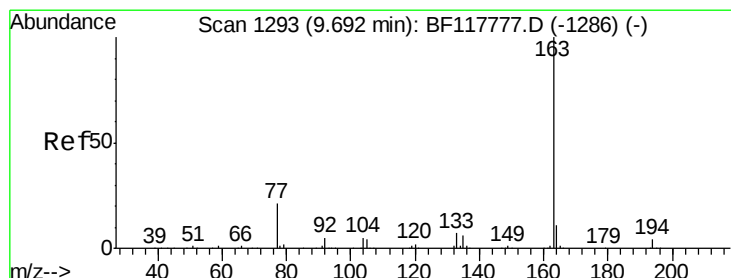
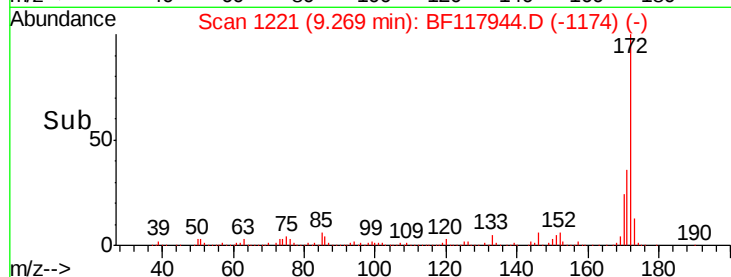
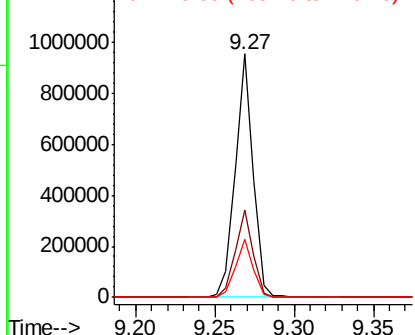


Abundance

Ion 172.00 (171.70 to 172.70): E

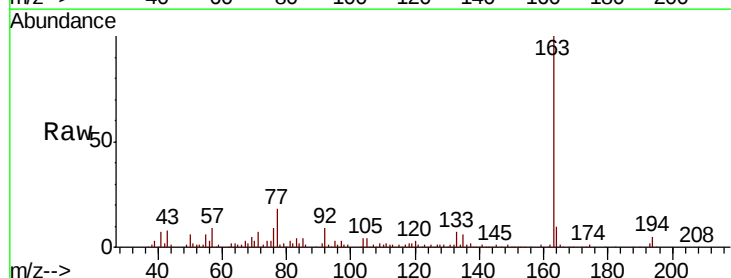
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.889 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117944.D
Acq: 23 Nov 2019 3:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.3	4.9
164	10.2	8.7	13.1

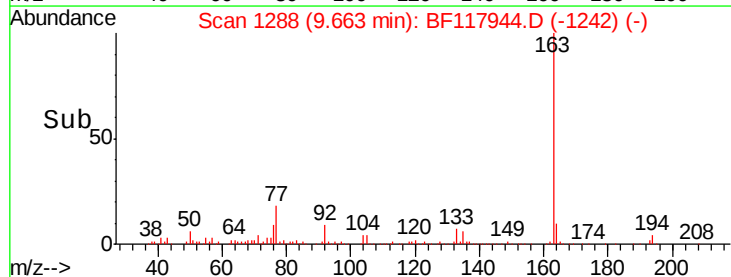
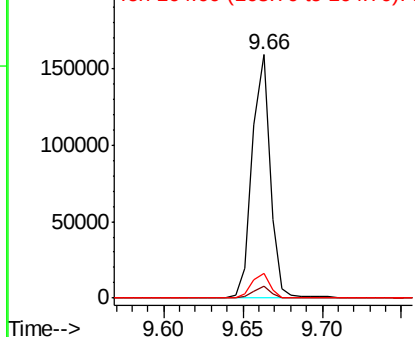


Abundance

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





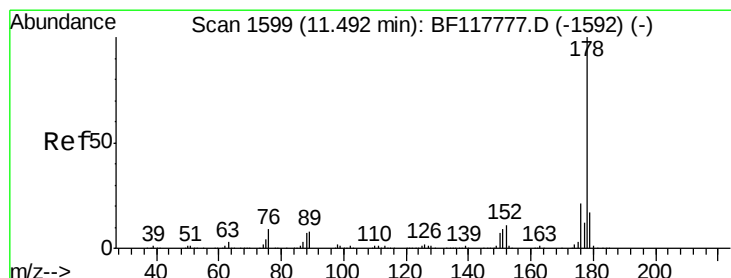
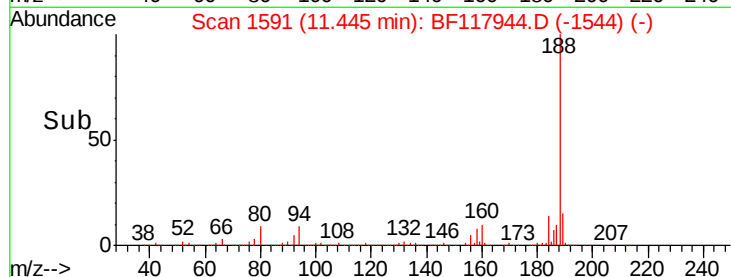
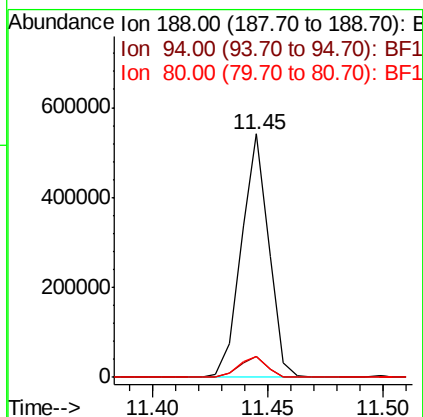
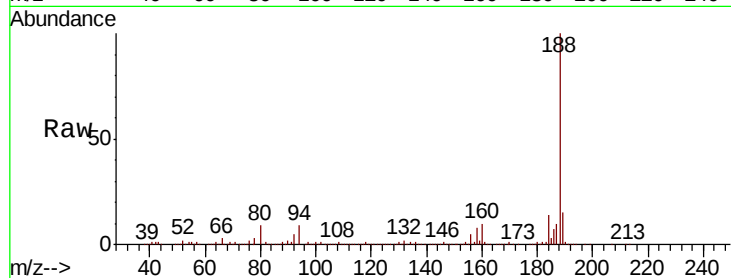
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117944.D
Acq: 23 Nov 2019 3:13

Instrument :
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SU-03-112019RE

Tot Ion	Ratio	Resp	Lower	Upper
188	100	445926		
94	8.5		6.6	10.0
80	8.8		7.2	10.8

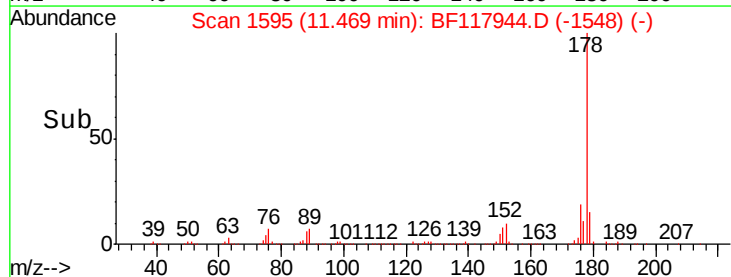
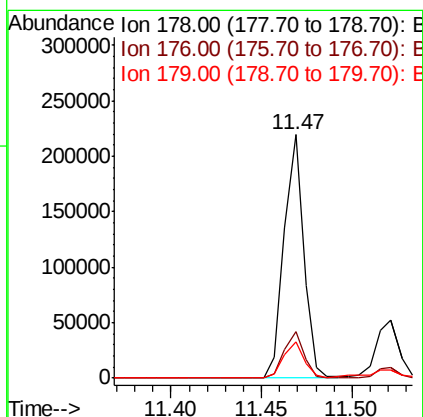
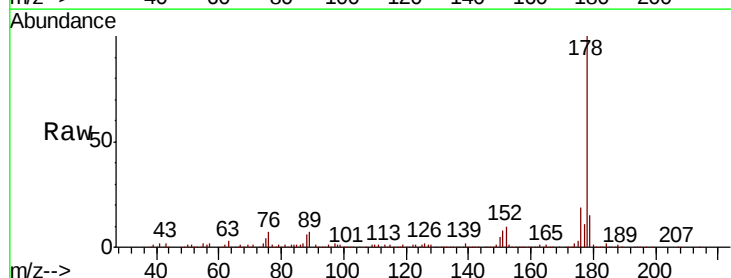
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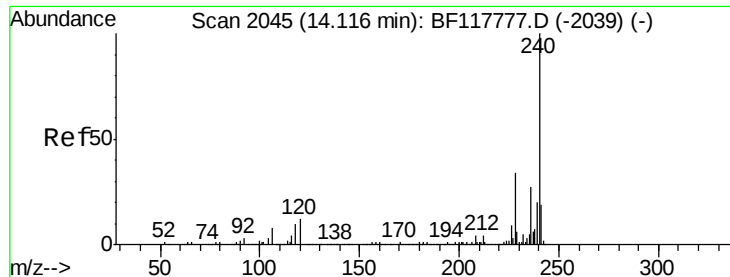
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#71
Phenanthrene
Concen: 7.473 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF117944.D
Acq: 23 Nov 2019 3:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	167543		
176	18.8		16.6	25.0
179	14.9		13.2	19.8





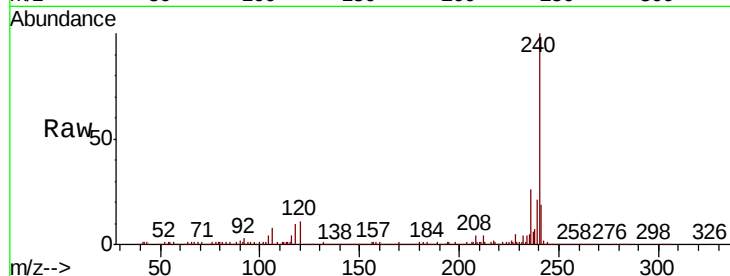
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117944.D
Acq: 23 Nov 2019 3:13

Instrument :
BNA_F
ClientSampleId :
SU-03-112019RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.0	21.3	31.9

Manual Integrations
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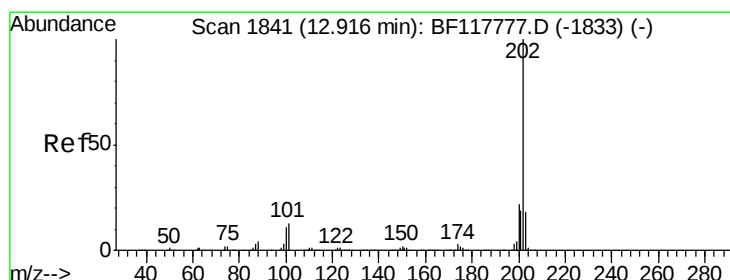
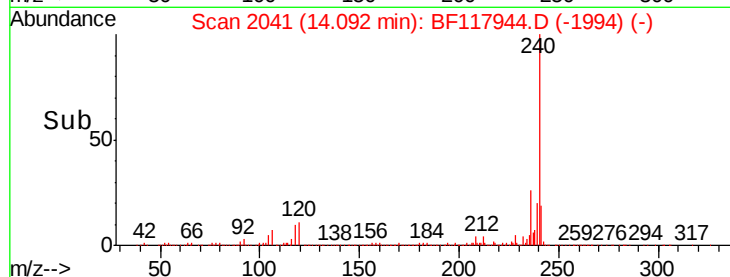
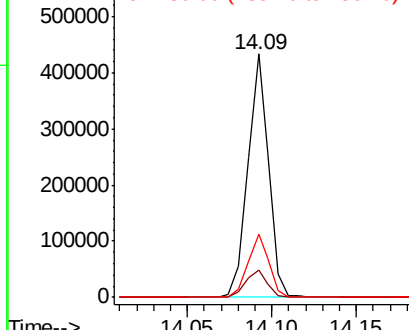


Abundance

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
Pyrene
Concen: 5.992 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BF117944.D
Acq: 23 Nov 2019 3:13

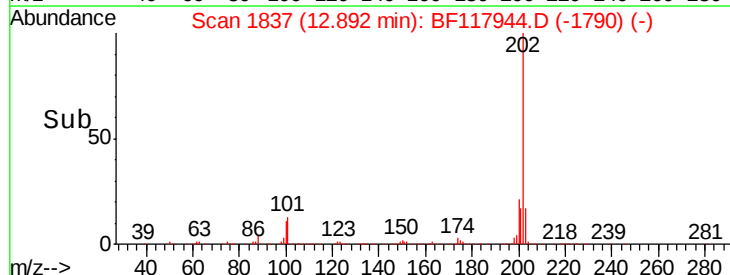
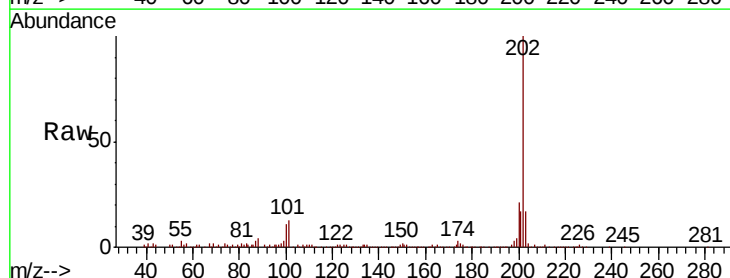
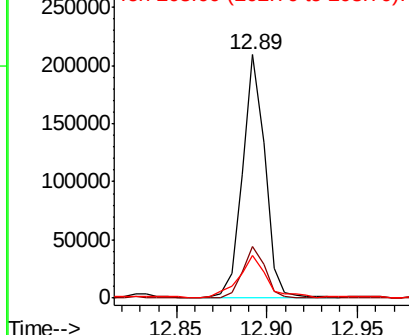
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.8	26.8
203	17.3	14.6	22.0

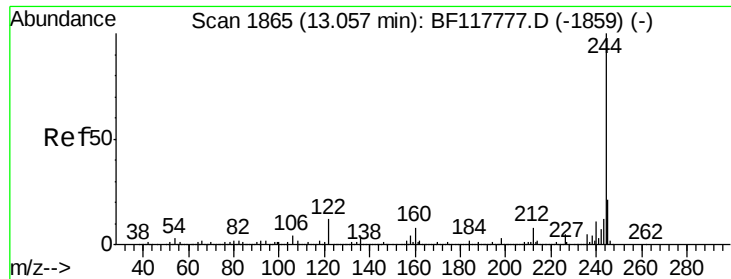
Abundance

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: 26.144 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.02 min

Lab File: BF117944.D

Acq: 23 Nov 2019 3:13

Instrument :

BNA_F

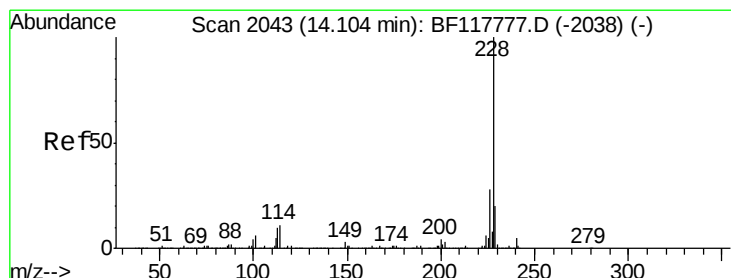
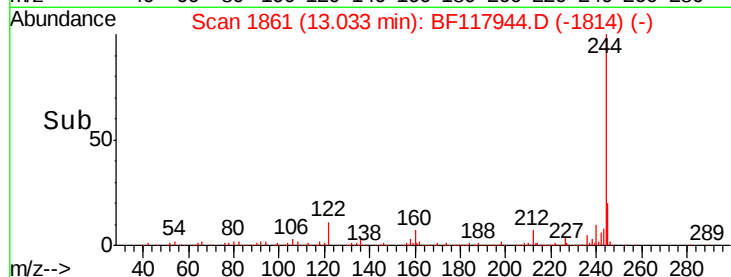
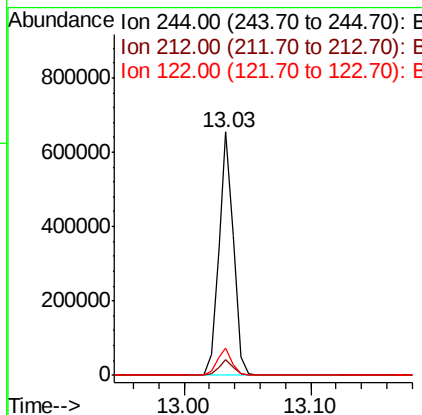
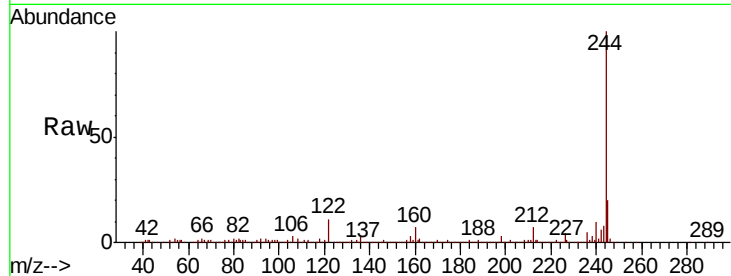
ClientSampleId :

SU-03-112019RE

Tot Ion:	244	Resp:	528755
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.3	9.5
122	11.0	9.4	14.2

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#81

Benzo(a)anthracene

Concen: 3.951 ng

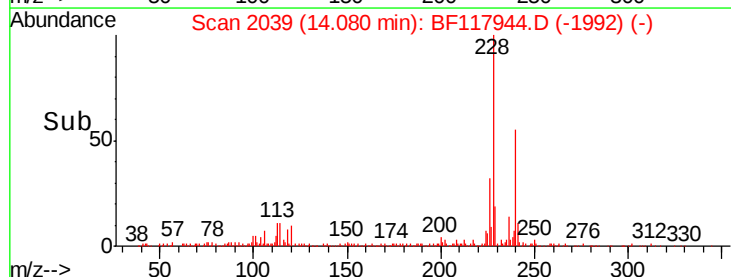
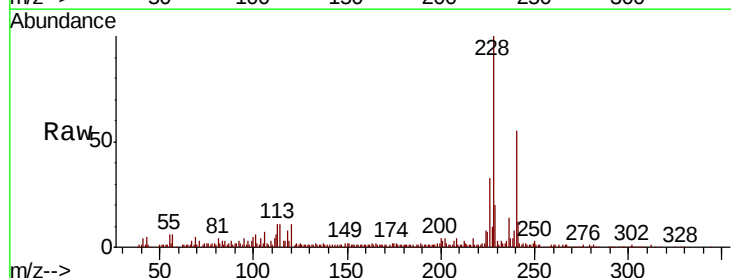
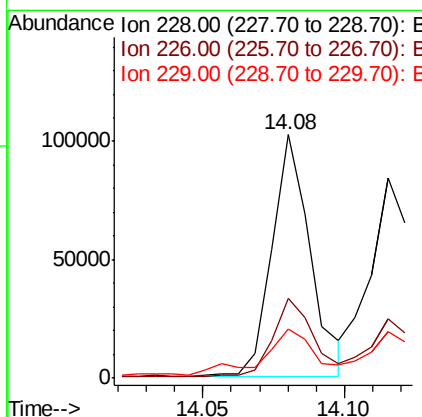
RT: 14.08 min Scan# 2039

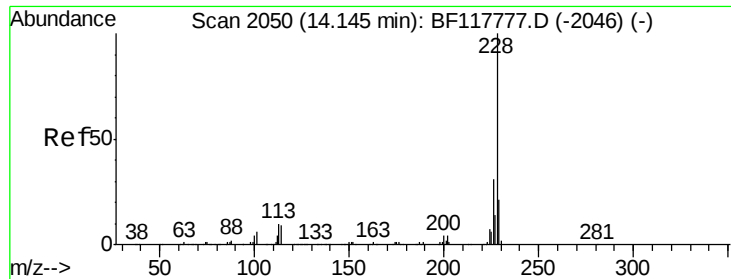
Delta R.T. -0.02 min

Lab File: BF117944.D

Acq: 23 Nov 2019 3:13

Tgt Ion:	228	Resp:	96512
Ion Ratio	Lower	Upper	
228	100		
226	32.8	22.2	33.2
229	20.1	15.9	23.9





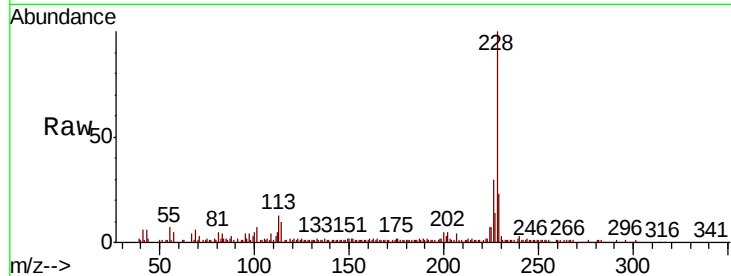
#83
Chrysene
Concen: 3.492 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.03 min
Lab File: BF117944.D
Acq: 23 Nov 2019 3:13

Instrument :
BNA_F
ClientSampleId :
SU-03-112019RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.4
229	23.2	16.6	25.0

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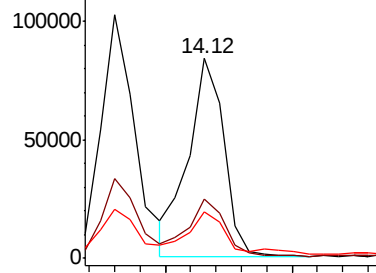


Abundance

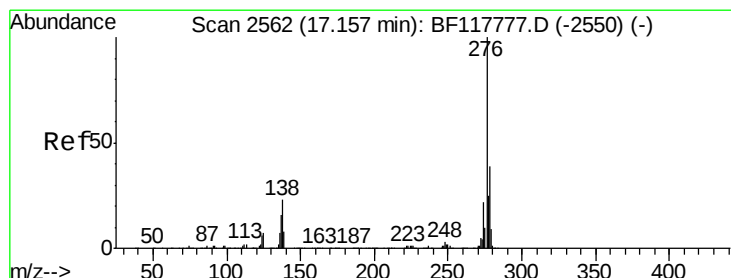
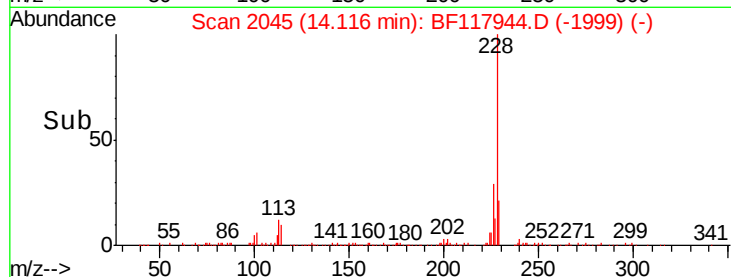
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.294 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.04 min
Lab File: BF117944.D
Acq: 23 Nov 2019 3:13

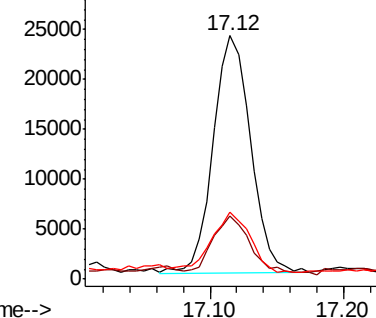
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.9	31.3
277	25.9	20.3	30.5

Abundance

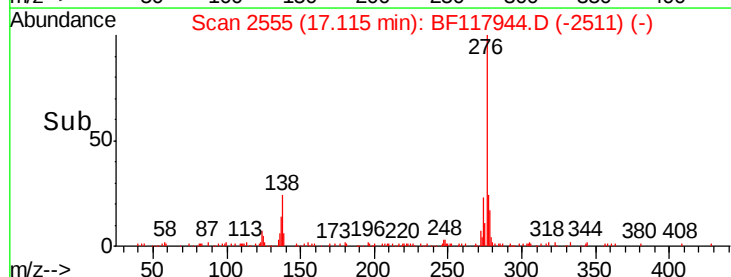
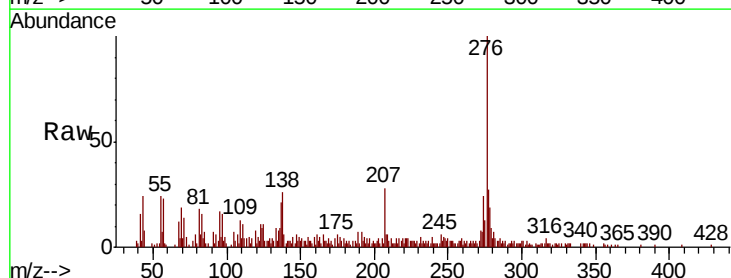
Ion 276.00 (275.70 to 276.70): E

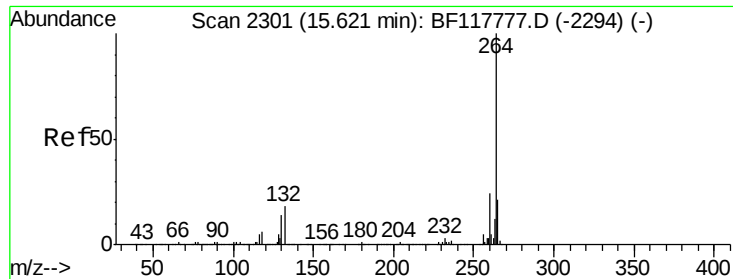
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.02 min

Lab File: BF117944.D

Acq: 23 Nov 2019 3:13

Instrument :

BNA_F

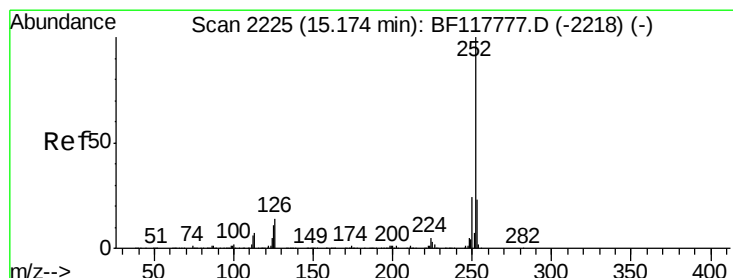
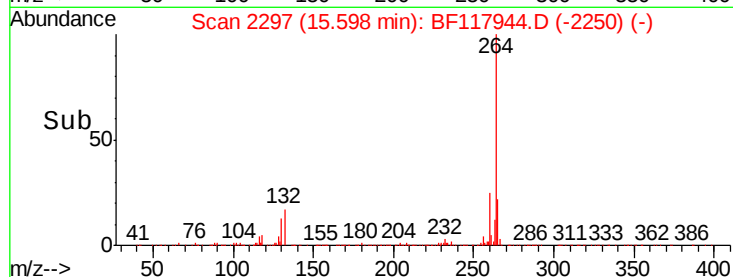
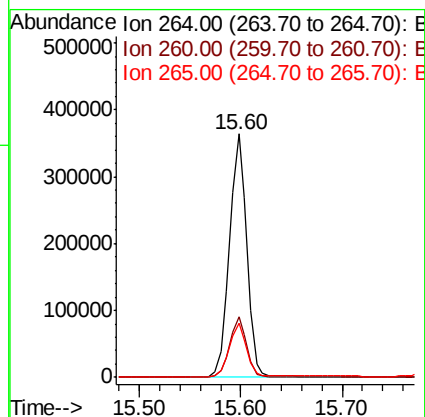
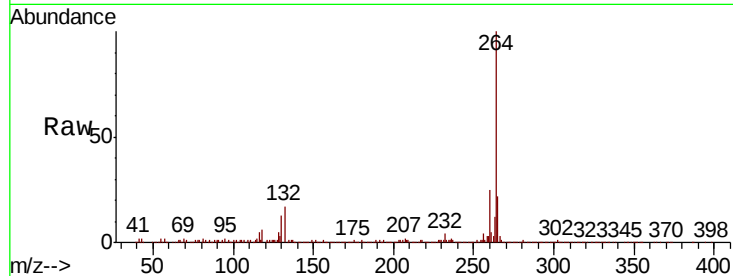
ClientSampleId :

SU-03-112019RE

Tot Ion:	264	Resp:	429341
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.4	29.0
265	22.4	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 3.954 ng m

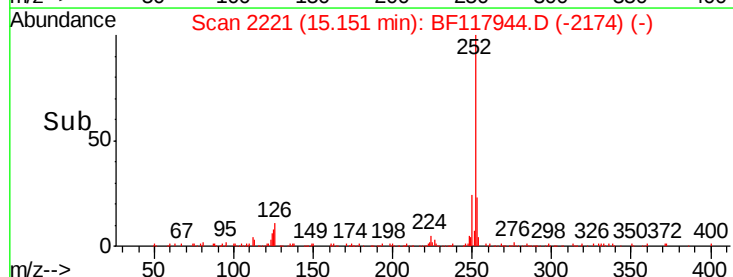
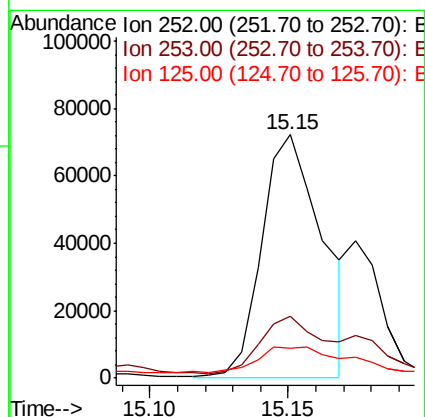
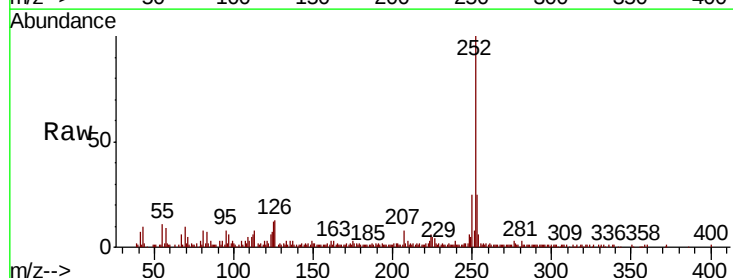
RT: 15.15 min Scan# 2221

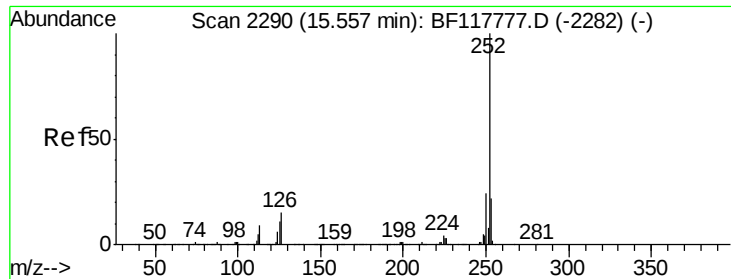
Delta R.T. -0.02 min

Lab File: BF117944.D

Acq: 23 Nov 2019 3:13

Tgt Ion:	252	Resp:	110293
Ion Ratio	Lower	Upper	
252	100		
253	25.4	18.0	27.0
125	12.3	8.6	13.0





#90
 Benzo(a)pyrene
 Concen: 3.175 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.03 min
 Lab File: BF117944.D
 Acq: 23 Nov 2019 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112019RE

Tot Ion:	252	Resp:	77870
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.8	26.6
125	13.1	9.2	13.8

Manual Integrations
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