

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117627.D
 Acq On : 30 Oct 2019 16:25
 Operator : JU
 Sample : K5541-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 154-24-(0-2)

Manual Integrations
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Quant Time: Oct 31 03:31:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	36878	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	143418	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	66426	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	94498	20.00	ng	0.00
76) Chrysene-d12	13.90	240	76216	20.00	ng	0.00
87) Perylene-d12	15.33	264	62528	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	228614	92.23	ng	0.00
7) Phenol-d6	6.39	99	311544	93.57	ng	0.00
23) Nitrobenzene-d5	7.29	82	187636	64.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	43226	75.21	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	230269	48.84	ng	-0.01
79) Terphenyl-d14	12.83	244	171334	36.67	ng	0.00
Target Compounds						
10) Phenol	6.40	94	12888	3.793	ng	81
50) Dimethylphthalate	9.48	163	37813	7.985	ng	98
71) Phenanthrene	11.27	178	18482	3.368	ng	99
75) Fluoranthene	12.47	202	35838	6.524	ng	97
78) Pyrene	12.70	202	32447	4.956	ng	98
81) Benzo(a)anthracene	13.89	228	15196	2.956	ng	96
83) Chrysene	13.92	228	14061	2.791	ng	97
88) Benzo(b)fluoranthene	14.93	252	14231m	3.854	ng	
90) Benzo(a)pyrene	15.28	252	9840	2.931	ng	93

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

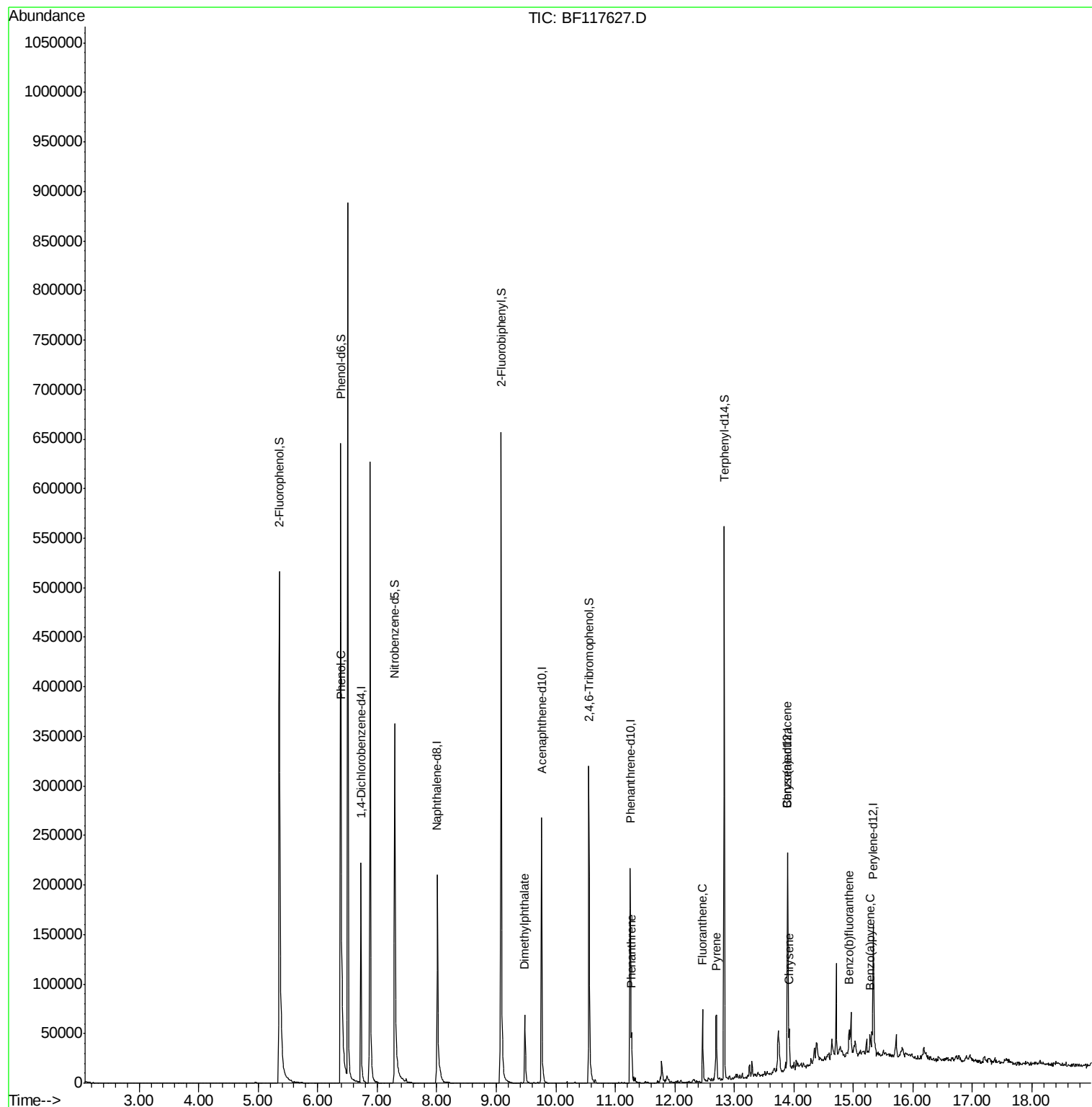
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
Data File : BF117627.D
Acq On : 30 Oct 2019 16:25
Operator : JU
Sample : K5541-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
154-24-(0-2)

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Quant Time: Oct 31 03:31:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration





#1

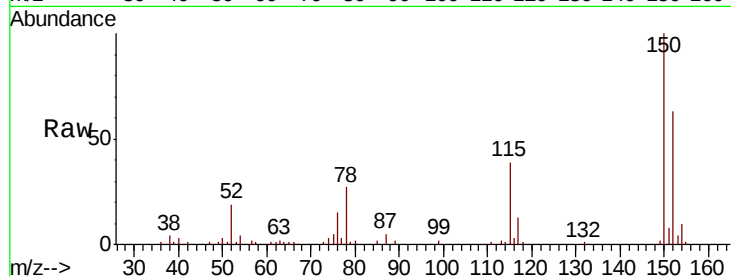
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117627.D
Acq: 30 Oct 2019 16:25

Instrument :
BNA_F
ClientSampleId :
154-24-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.8	190.2
115	61.4	51.6	77.4

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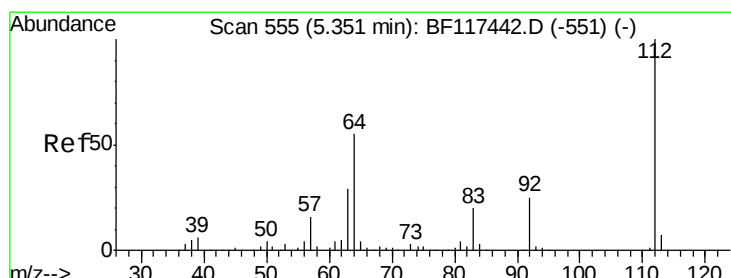
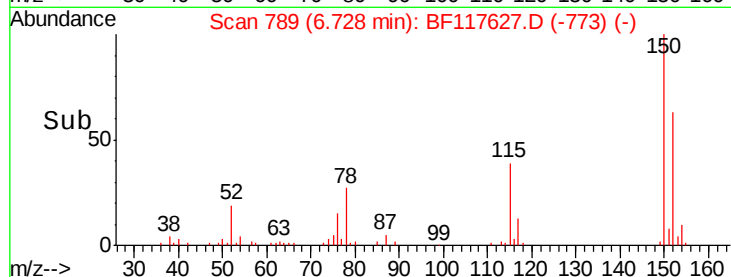
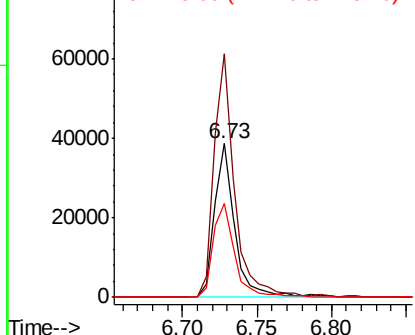


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

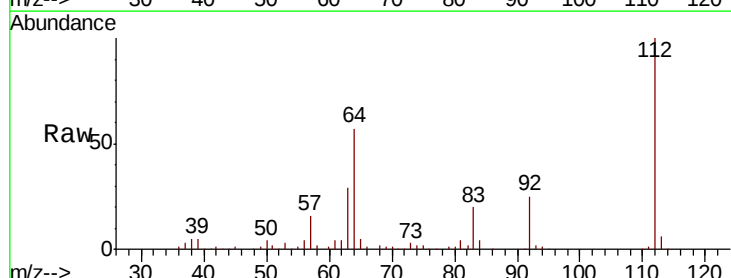
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.226 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117627.D
Acq: 30 Oct 2019 16:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	44.1	66.1
63	29.4	23.4	35.2

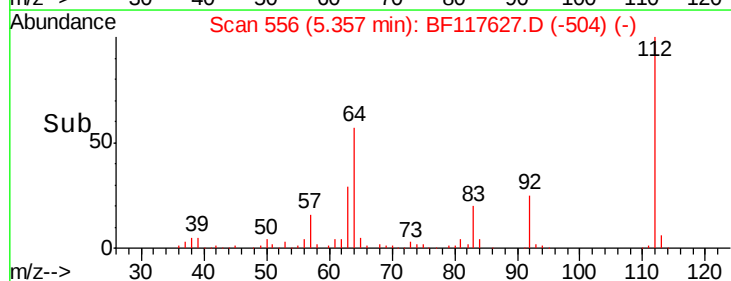
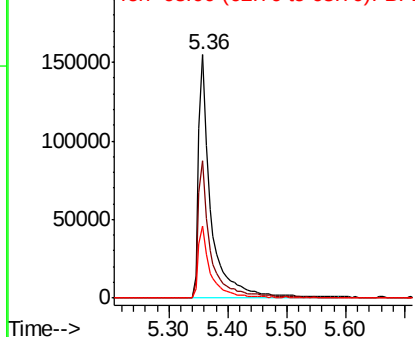


Abundance

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: 93.574 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117627.D

Acq: 30 Oct 2019 16:25

Instrument :

BNA_F

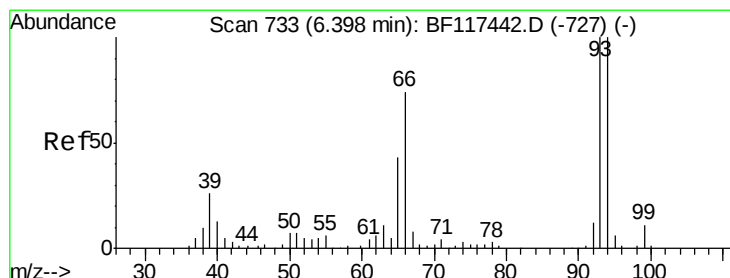
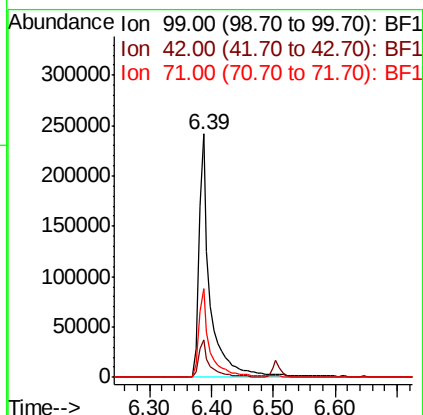
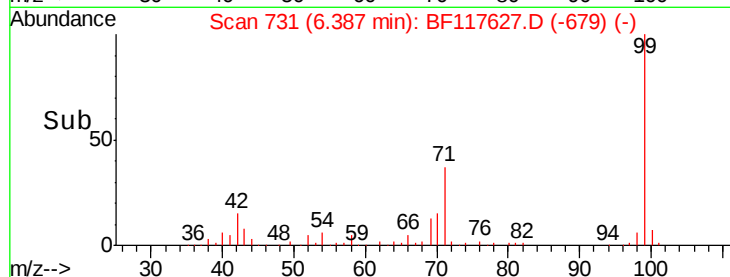
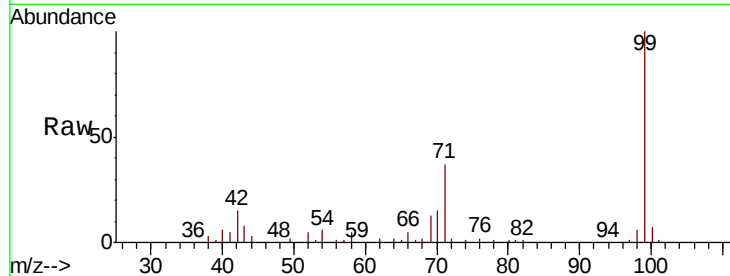
ClientSampleId :

154-24-(0-2)

Tot Ion:	99	Resp:	311544
Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.8	19.2
71	36.5	28.6	43.0

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#10

Phenol

Concen: 3.793 ng

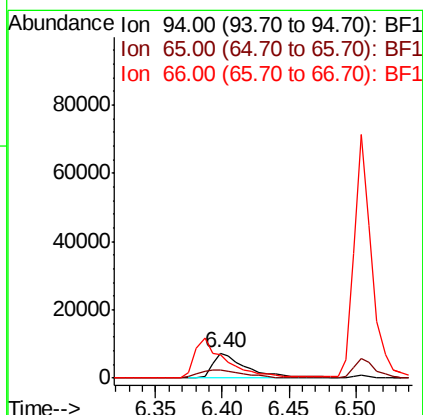
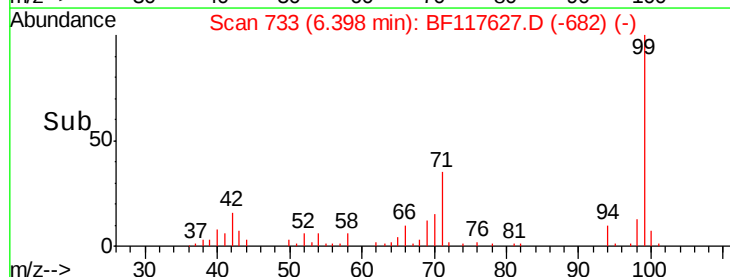
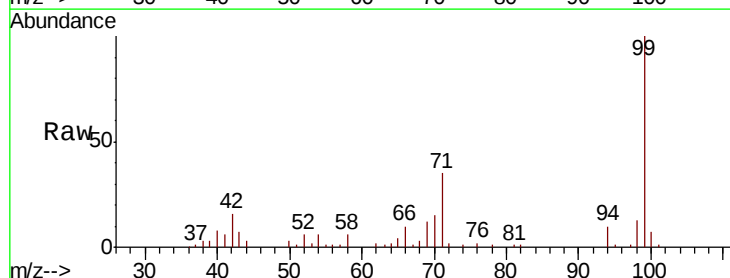
RT: 6.40 min Scan# 733

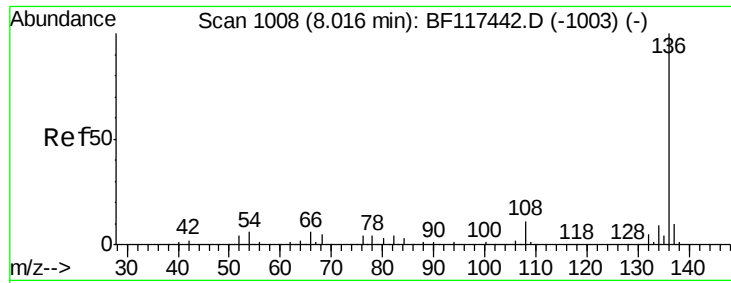
Delta R.T. 0.00 min

Lab File: BF117627.D

Acq: 30 Oct 2019 16:25

Tgt Ion:	94	Resp:	12888
Ion	Ratio	Lower	Upper
94	100		
65	35.0	23.4	63.4
66	93.9	54.7	94.7





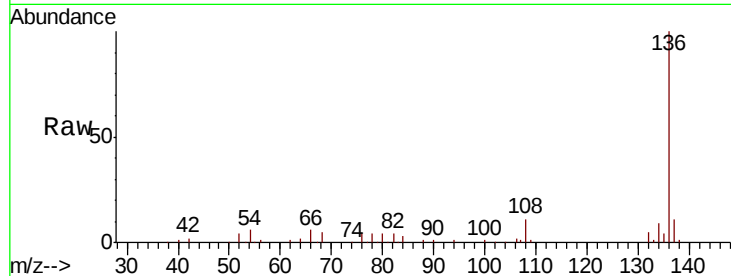
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117627.D
Acq: 30 Oct 2019 16:25

Instrument :
BNA_F
ClientSampleId :
154-24-(0-2)

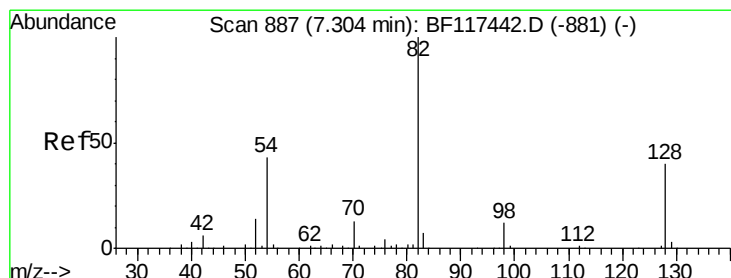
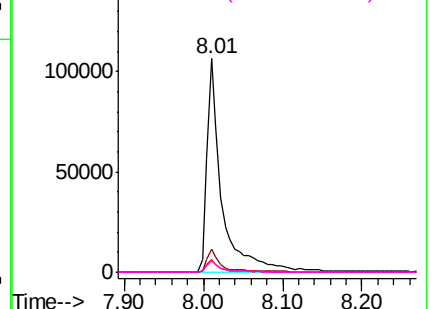
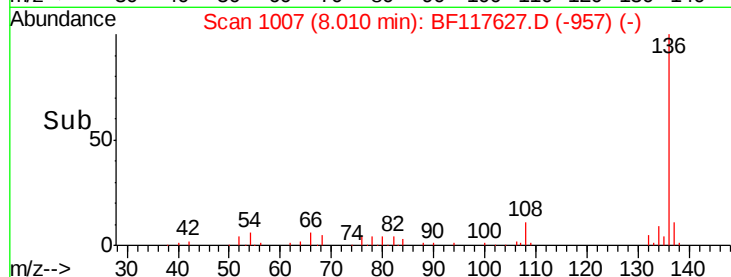
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		143418		
137	10.8	8.2	12.4		
54	6.1	4.5	6.7		
68	5.5	4.3	6.5		

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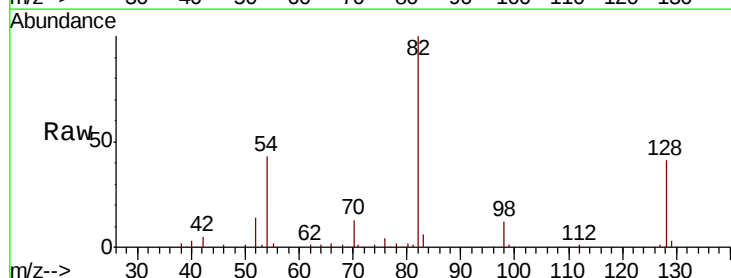


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

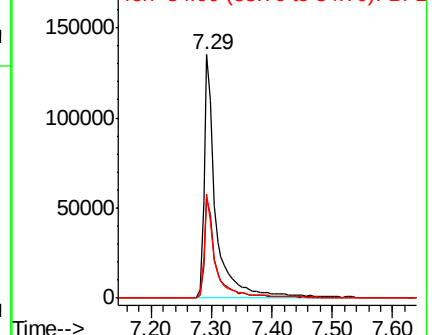
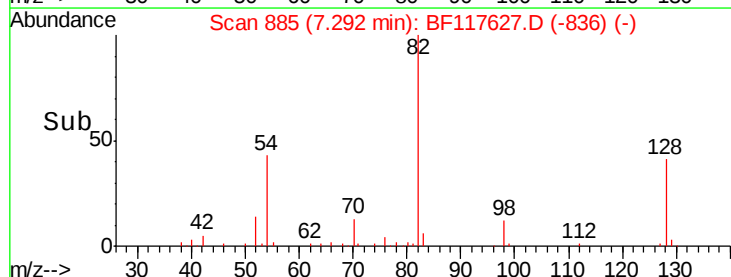


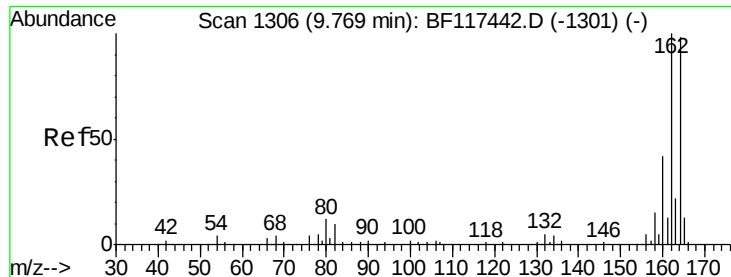
#23
Nitrobenzene-d5
Concen: 64.589 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117627.D
Acq: 30 Oct 2019 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		187636		
128	41.0	32.2	48.2		
54	42.9	34.2	51.2		



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





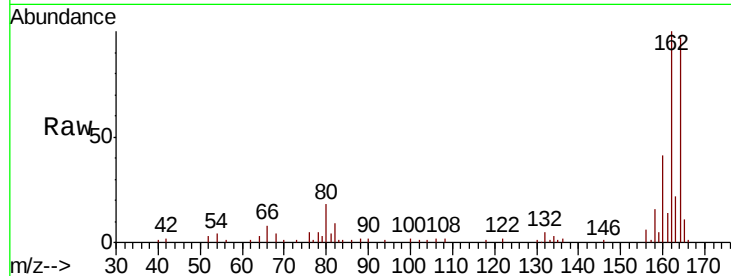
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117627.D
Acq: 30 Oct 2019 16:25

Instrument :
BNA_F
ClientSampleId :
154-24-(0-2)

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.8	122.6
160	42.3	34.4	51.6

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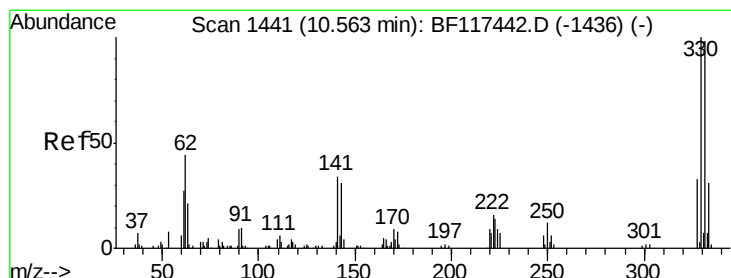
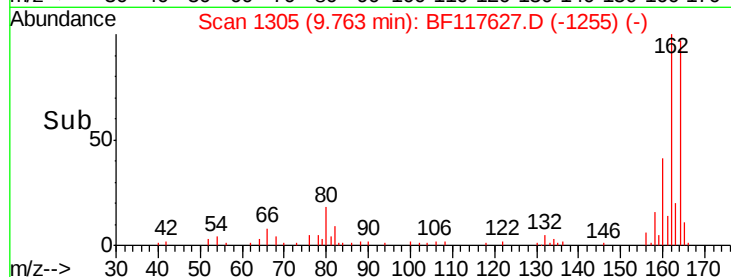
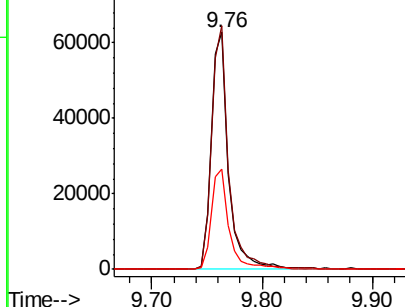


Abundance

Ion 164.00 (163.70 to 164.70): E

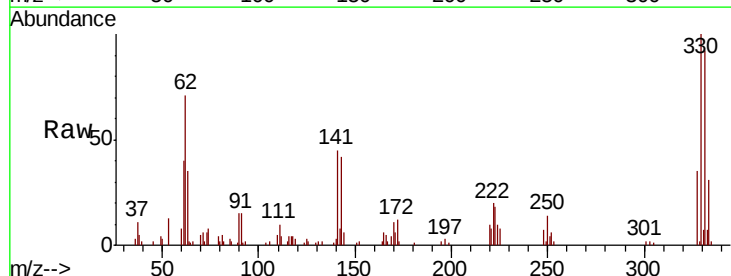
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 75.208 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117627.D
Acq: 30 Oct 2019 16:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.5	117.7
141	44.3	37.0	55.6

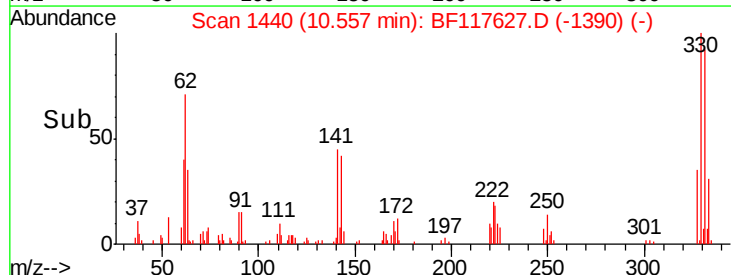
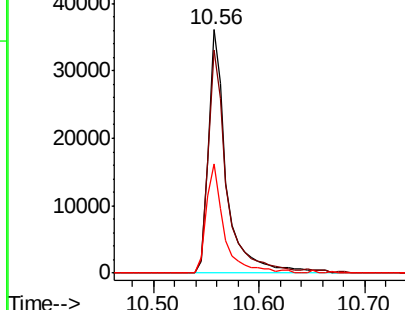


Abundance

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





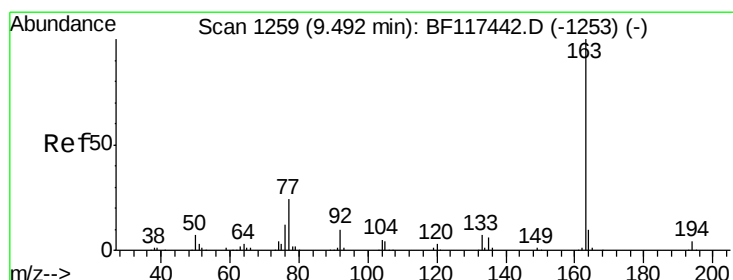
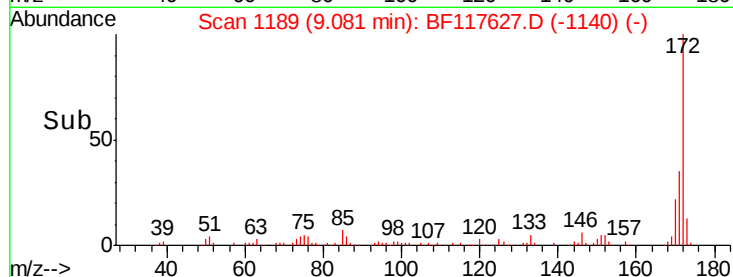
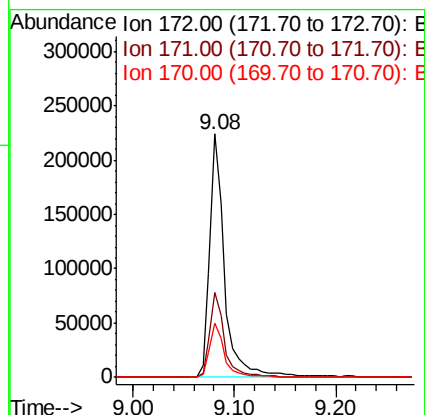
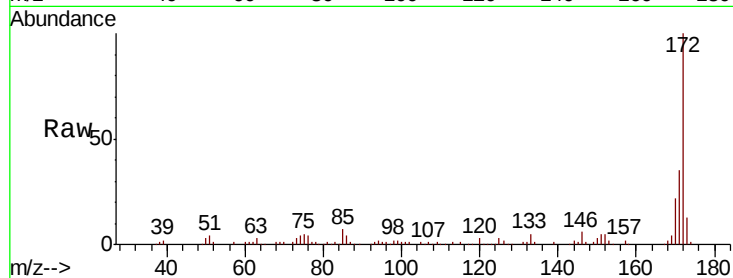
#45
2-Fluorobiphenyl
Concen: 48.843 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117627.D
Acq: 30 Oct 2019 16:25

Instrument :
BNA_F
ClientSampleId :
154-24-(0-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.5	41.3
170	22.4	18.6	27.8

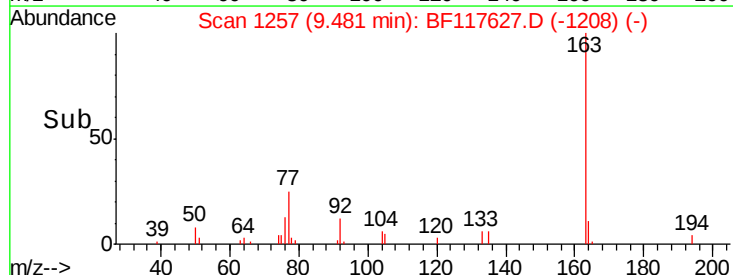
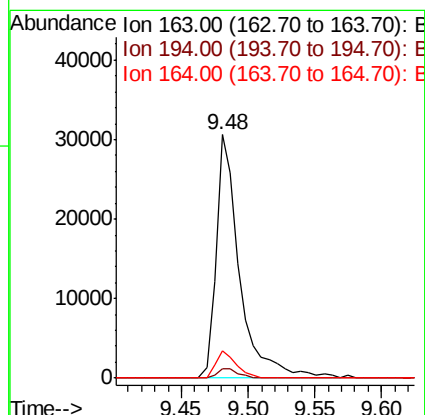
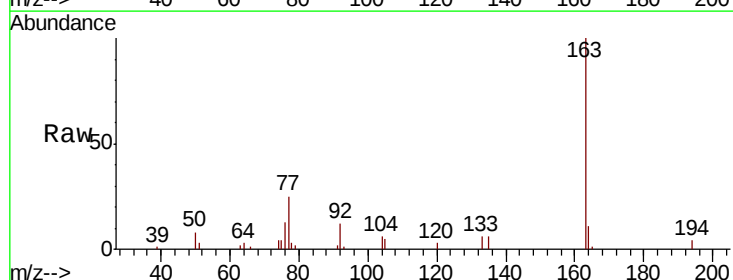
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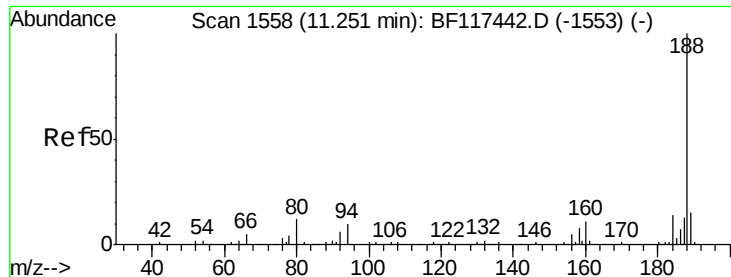
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#50
Dimethylphthalate
Concen: 7.985 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117627.D
Acq: 30 Oct 2019 16:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.9	4.3
164	11.1	8.2	12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF117627.D

Acq: 30 Oct 2019 16:25

Instrument :

BNA_F

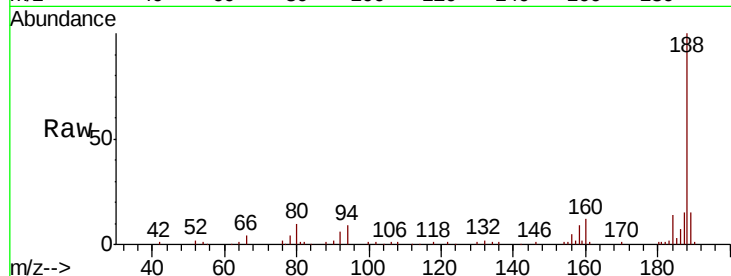
ClientSampleId :

154-24-(0-2)

Tot Ion:	188	Resp:	94498
Ion Ratio	Lower	Upper	
188	100		
94	8.9	8.0	12.0
80	10.0	9.5	14.3

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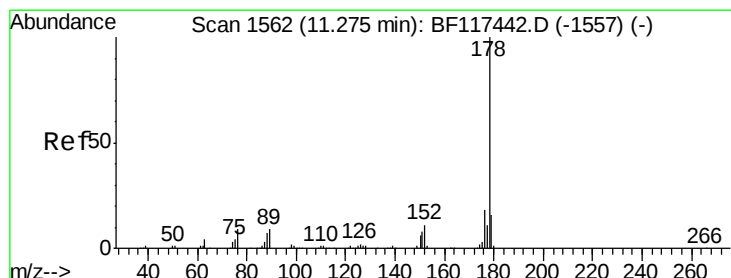
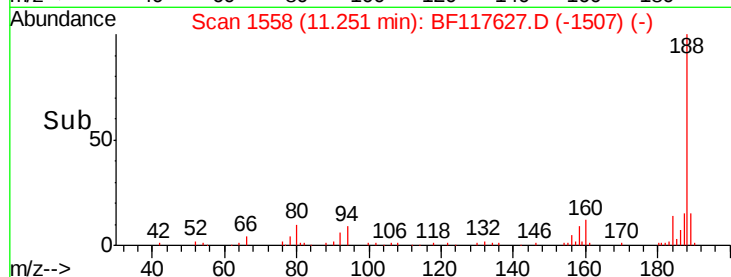
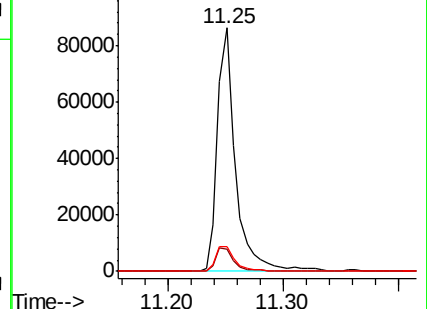
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 3.368 ng

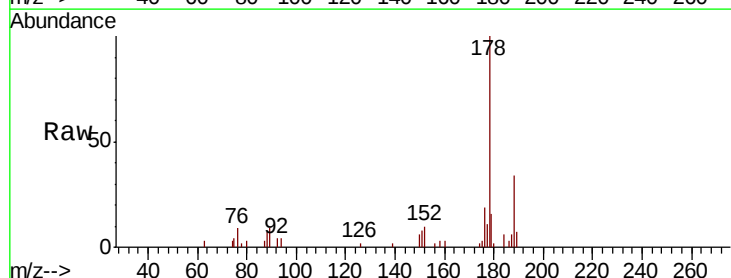
RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF117627.D

Acq: 30 Oct 2019 16:25

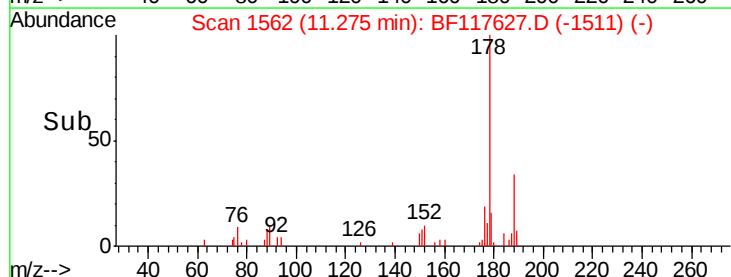
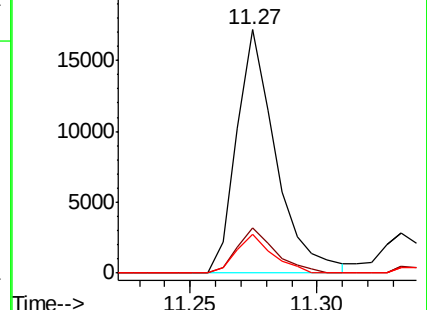
Tgt Ion:	178	Resp:	18482
Ion Ratio	Lower	Upper	
178	100		
176	18.8	14.6	22.0
179	15.9	12.6	19.0

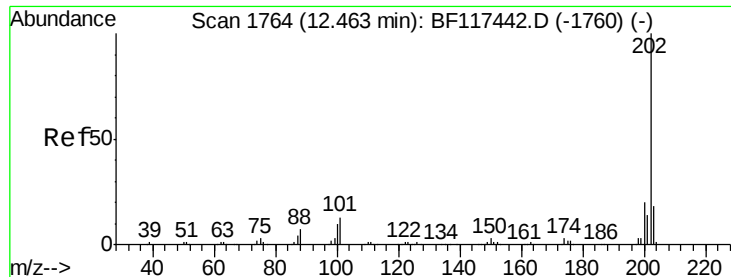


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 6.524 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF117627.D

Acq: 30 Oct 2019 16:25

Instrument :

BNA_F

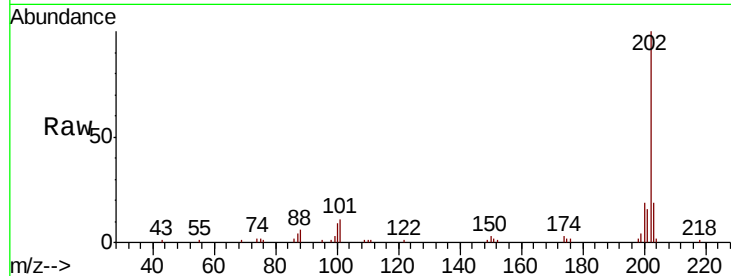
ClientSampleId :

154-24-(0-2)

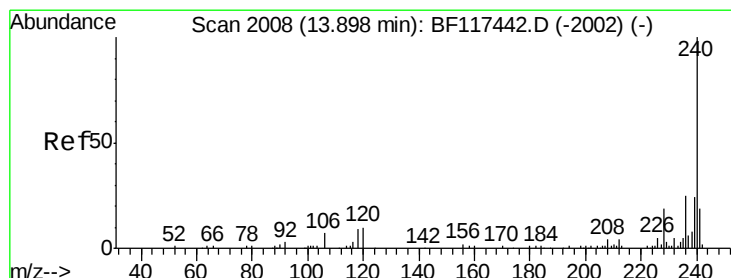
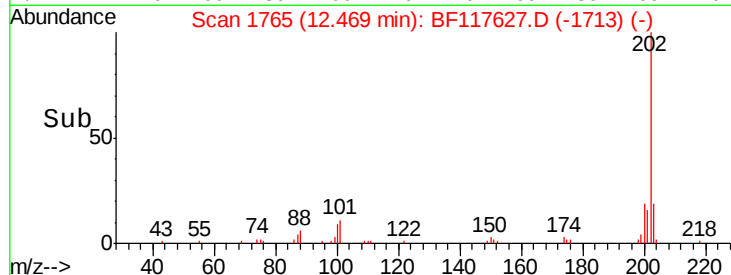
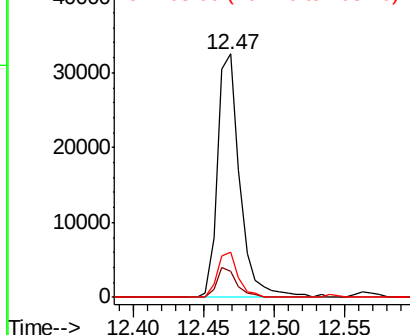
Tot Ion:	202	Resp:	35838
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	32.7
203	18.7	0.0	37.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

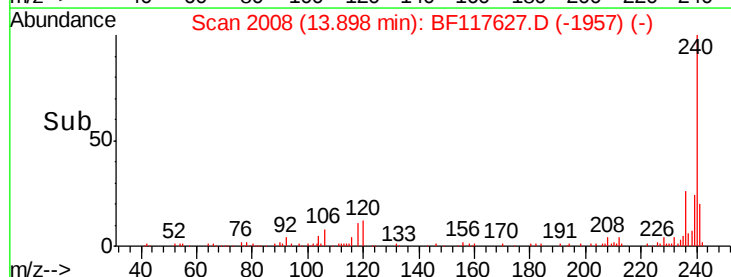
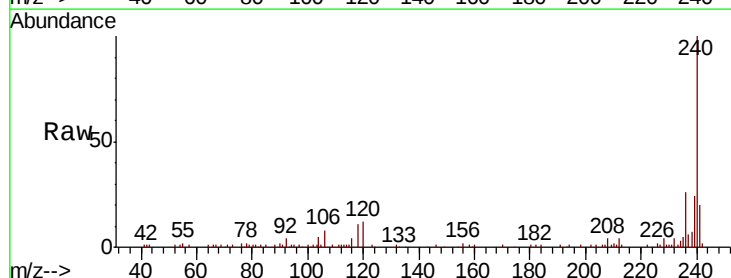
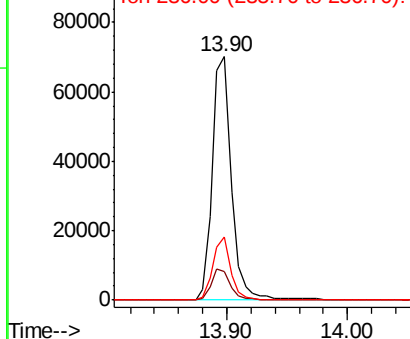
Delta R.T. 0.00 min

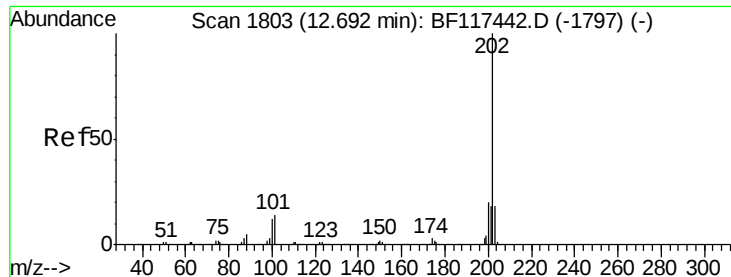
Lab File: BF117627.D

Acq: 30 Oct 2019 16:25

Tgt Ion:	240	Resp:	76216
Ion Ratio	Lower	Upper	
240	100		
120	11.6	8.4	12.6
236	25.8	20.0	30.0

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: 4.956 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117627.D

Acq: 30 Oct 2019 16:25

Instrument :

BNA_F

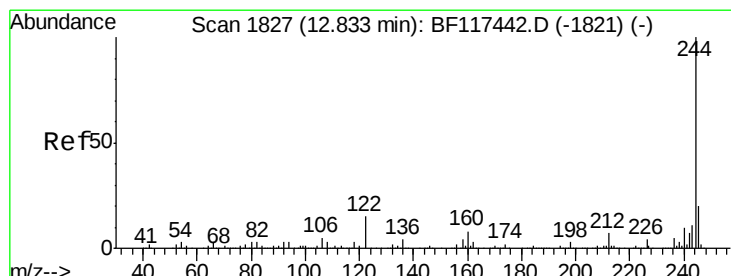
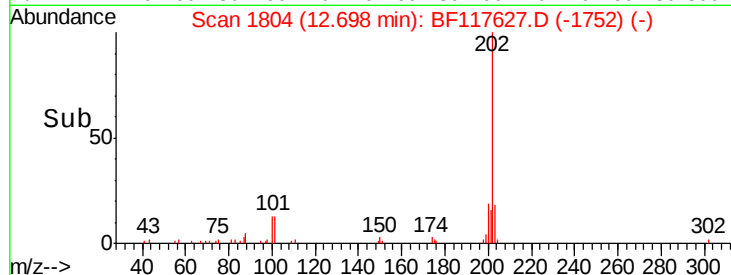
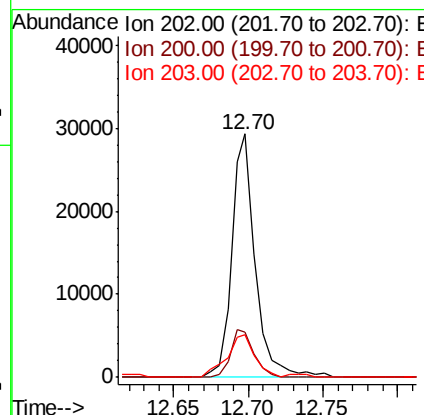
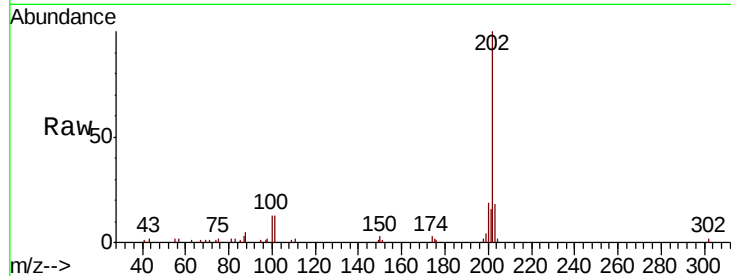
ClientSampleId :

154-24-(0-2)

Tot Ion:	202	Resp:	32447
Ion Ratio	Lower	Upper	
202	100		
200	18.6	16.2	24.2
203	17.5	14.0	21.0

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#79

Terphenyl-d14

Concen: 36.668 ng

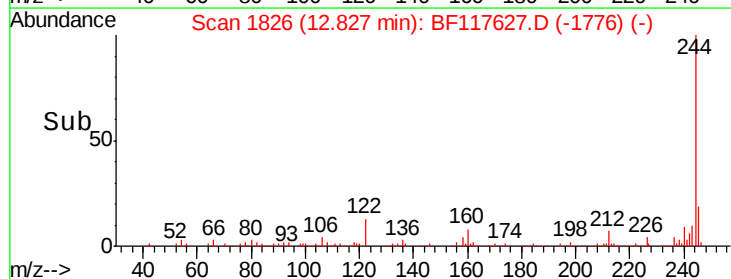
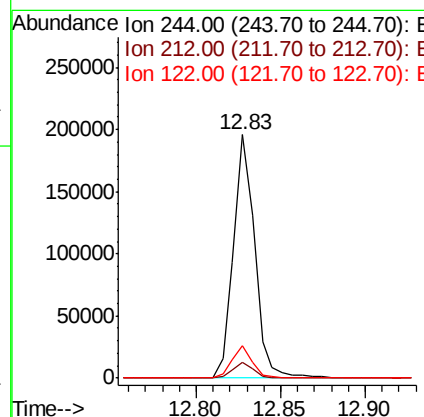
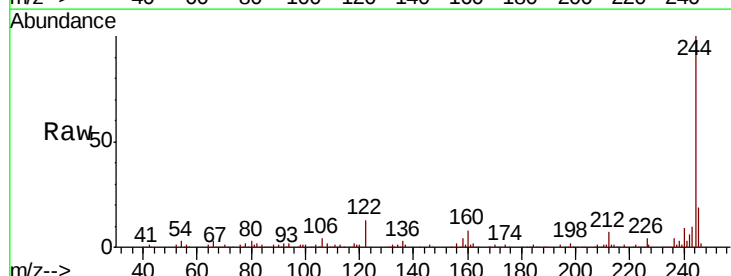
RT: 12.83 min Scan# 1826

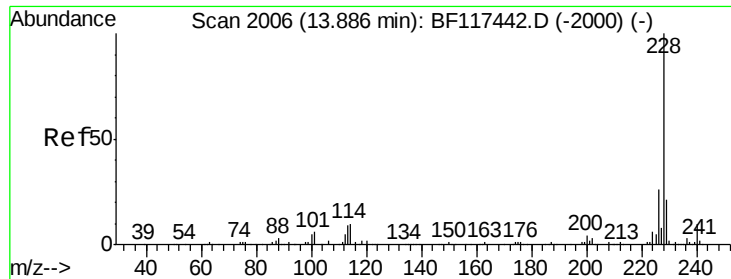
Delta R.T. -0.01 min

Lab File: BF117627.D

Acq: 30 Oct 2019 16:25

Tgt Ion:	244	Resp:	171334
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.8	8.6
122	13.2	11.8	17.8





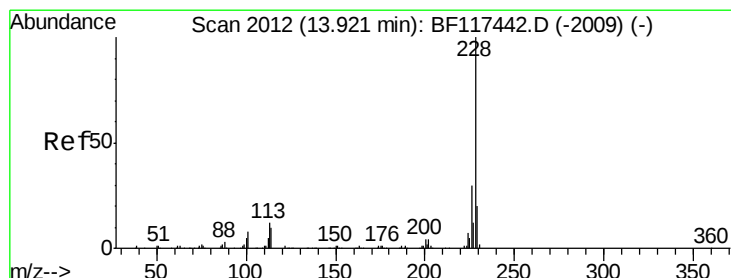
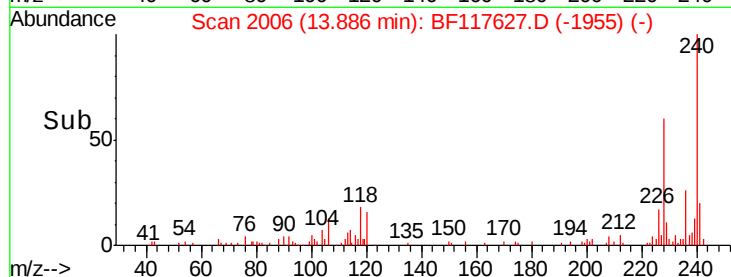
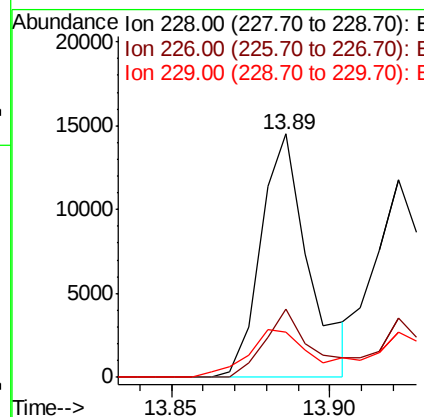
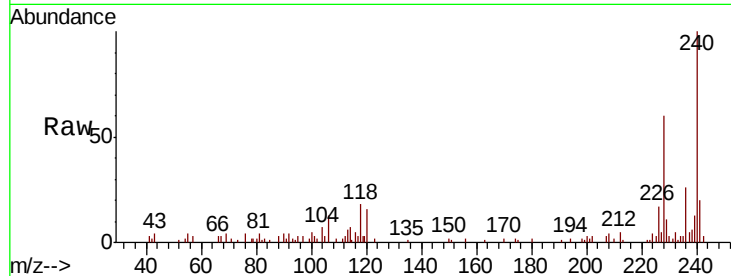
#81
Benzo(a)anthracene
Concen: 2.956 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF117627.D
Acq: 30 Oct 2019 16:25

Instrument :
BNA_F
ClientSampleId :
154-24-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.1	21.0	31.4	
229	18.6	16.4	24.6	

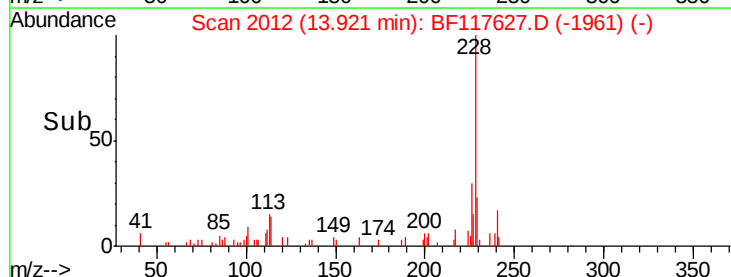
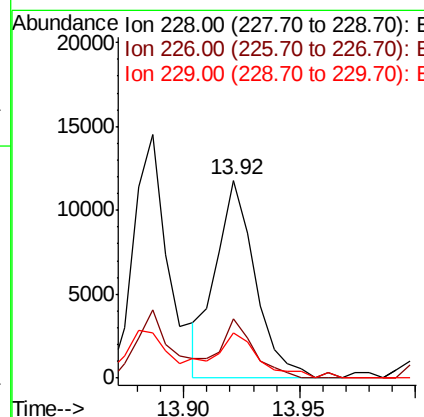
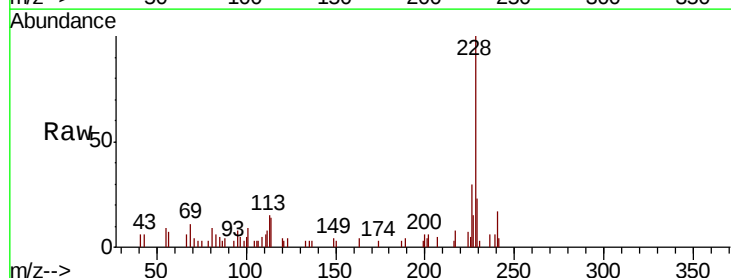
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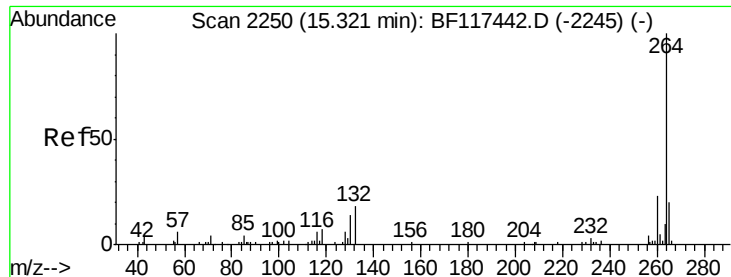
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#83
Chrysene
Concen: 2.791 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117627.D
Acq: 30 Oct 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.6	23.9	35.9	
229	23.0	15.8	23.6	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF117627.D

Acq: 30 Oct 2019 16:25

Instrument :

BNA_F

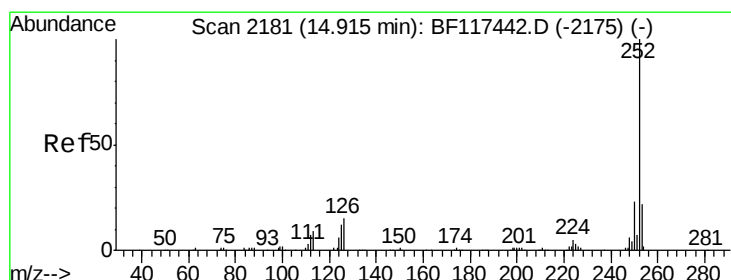
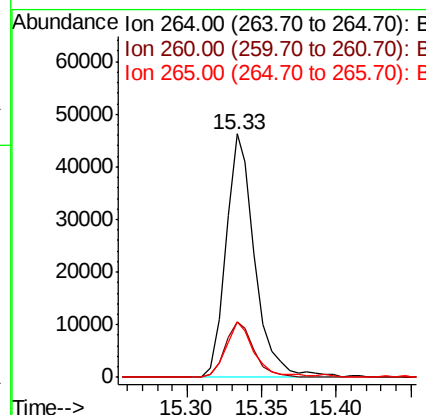
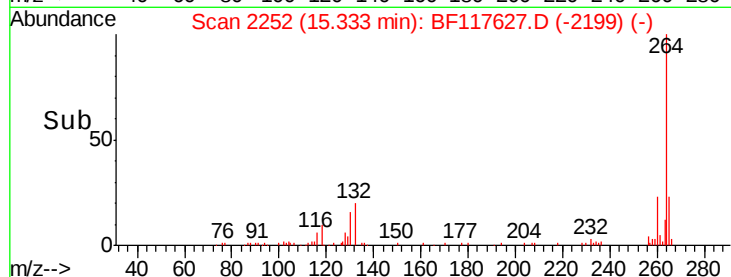
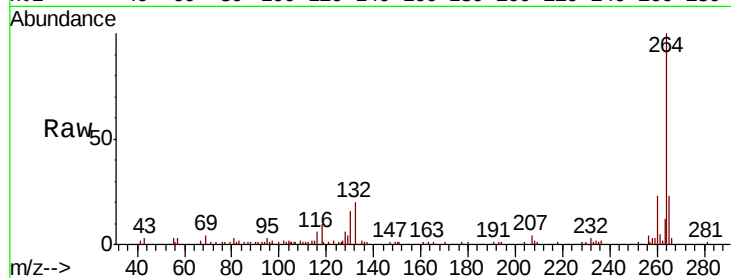
ClientSampleId :

154-24-(0-2)

Tot Ion:	264	Resp:	62528
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.4	27.6
265	22.8	16.1	24.1

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#88

Benzo(b)fluoranthene

Concen: 3.854 ng m

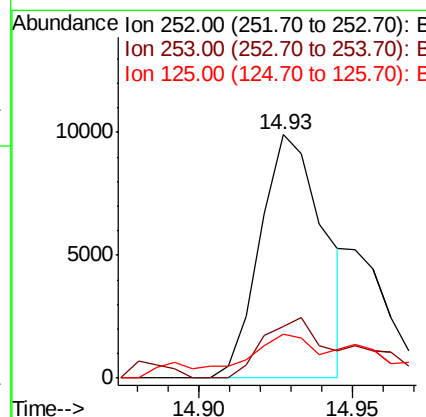
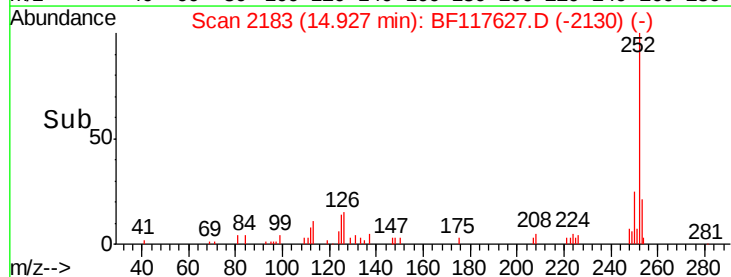
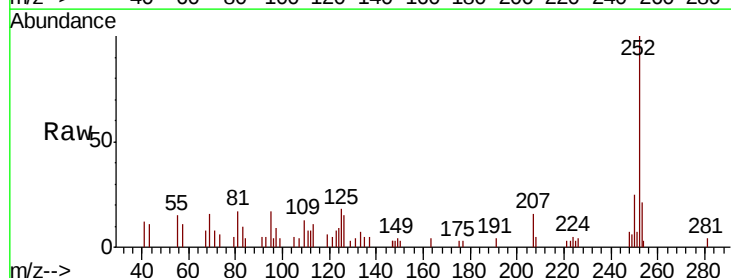
RT: 14.93 min Scan# 2183

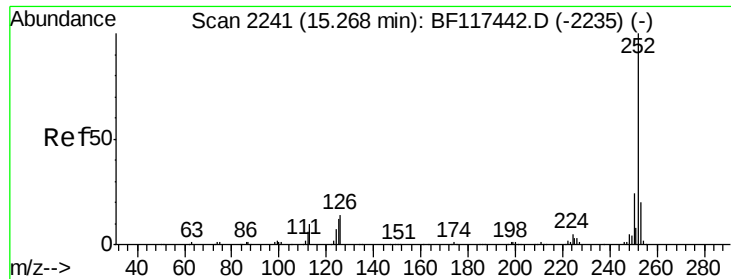
Delta R.T. 0.01 min

Lab File: BF117627.D

Acq: 30 Oct 2019 16:25

Tgt Ion:	252	Resp:	14231
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.8	26.6
125	18.3	9.9	14.9#





#90
 Benzo(a)pyrene
 Concen: 2.931 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF117627.D
 Acq: 30 Oct 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :
 154-24-(0-2)

Tot Ion:	252	Resp:	9840
Ion Ratio	Lower	Upper	
252	100		
253	23.7	16.3	24.5
125	13.8	9.2	13.8

Manual Integrations
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