

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113857.D
 Acq On : 19 Apr 2019 14:41
 Operator : JU/SJ
 Sample : K2193-07 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-A

Manual Integrations
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Quant Time: Apr 20 00:06:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	171612	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	560578	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	253556	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	520242	20.00	ng	0.00
76) Chrysene-d12	14.05	240	551758	20.00	ng	0.00
87) Perylene-d12	15.53	264	473477	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	480684	46.57	ng	0.00
7) Phenol-d6	6.52	99	588181	45.70	ng	0.00
23) Nitrobenzene-d5	7.45	82	331650	36.03	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	145090	51.79	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	543466	32.69	ng	0.00
79) Terphenyl-d14	13.00	244	750658	28.53	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	54332	3.062	ng	98
71) Phenanthrene	11.44	178	223956	8.452	ng	98
72) Anthracene	11.49	178	55239	2.069	ng	98
75) Fluoranthene	12.63	202	271687	9.675	ng	95
78) Pyrene	12.85	202	239562	6.161	ng	99
81) Benzo(a)anthracene	14.04	228	135109	4.189	ng	95
83) Chrysene	14.07	228	113917	3.558	ng	95
88) Benzo(b)fluoranthene	15.09	252	117272m	3.973	ng	
90) Benzo(a)pyrene	15.46	252	78897	3.023	ng	# 89

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

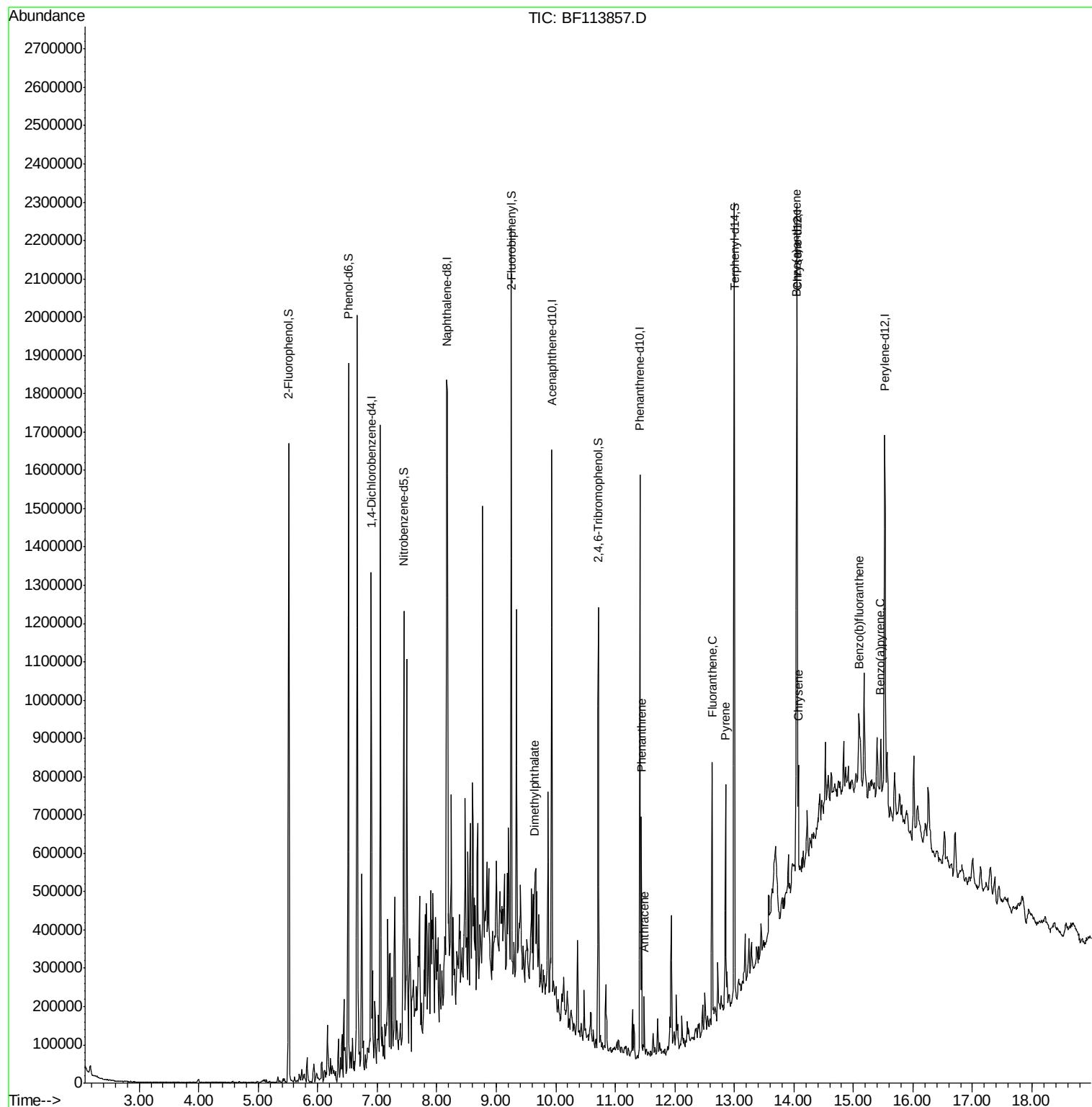
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113857.D
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Sample : K2193-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

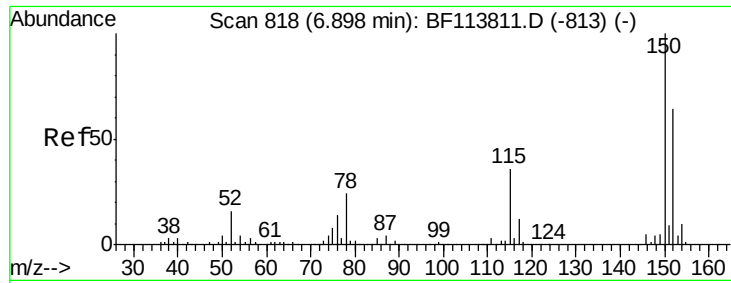
Instrument :
BNA_F
ClientSampleId :
HR-05-041719-A

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Quant Time: Apr 20 00:06:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration





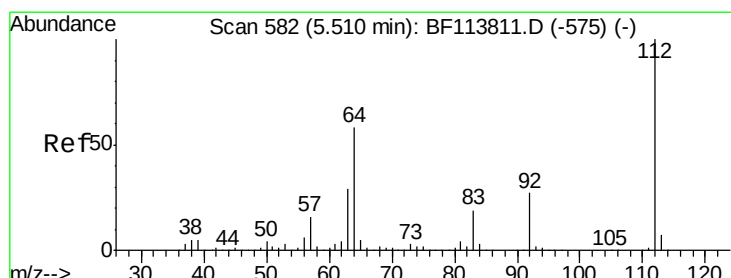
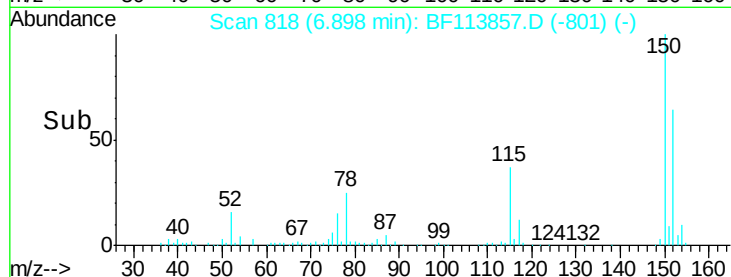
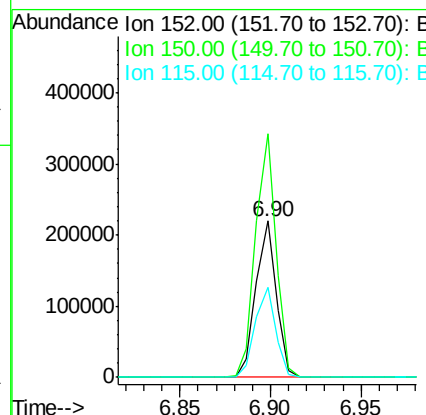
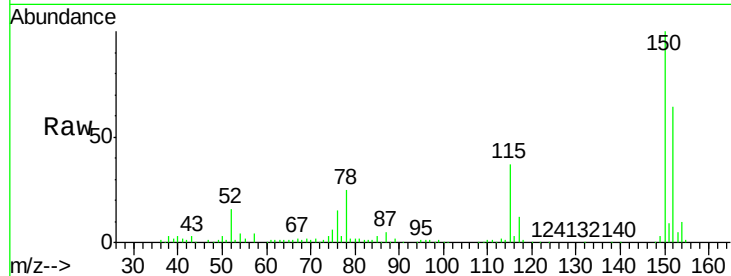
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF113857.D
 Acq: 19 Apr 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.9	188.9
115	58.0	45.9	68.9

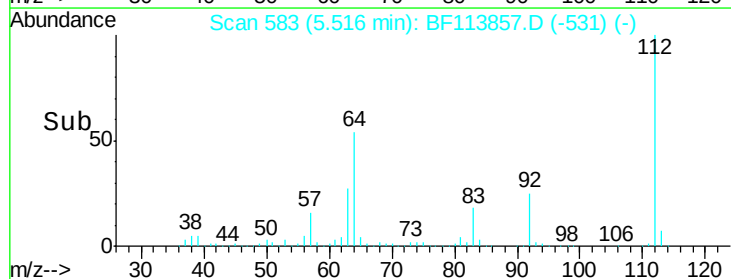
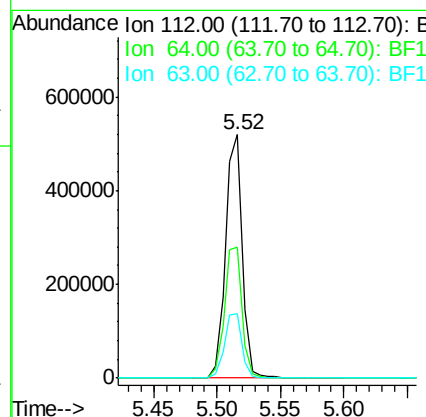
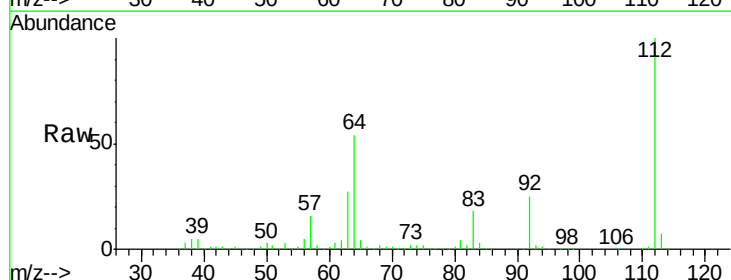
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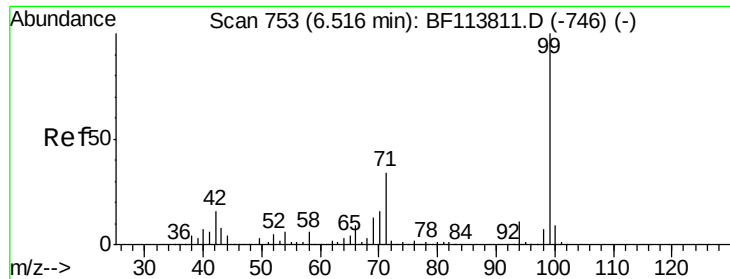
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#5
 2-Fluorophenol
 Concen: 46.574 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF113857.D
 Acq: 19 Apr 2019 14:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.6	69.8
63	26.5	23.1	34.7





#7

Phenol-d6

Concen: 45.699 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF113857.D

Acq: 19 Apr 2019 14:41

Instrument :

BNA_F

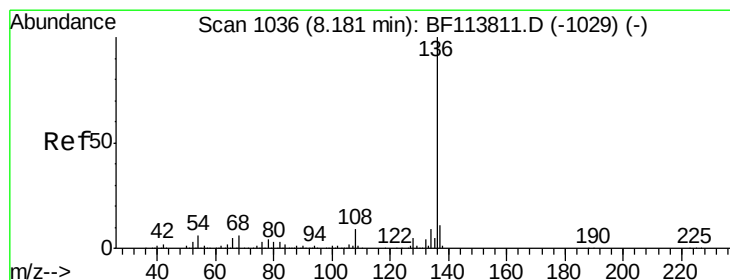
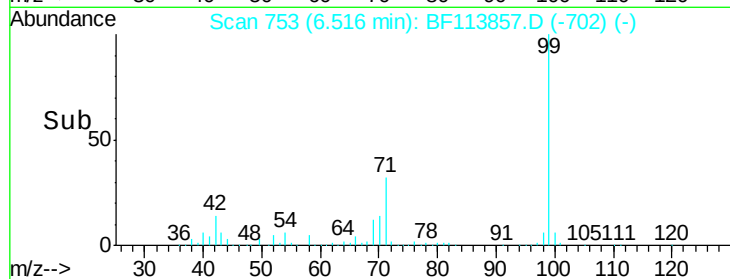
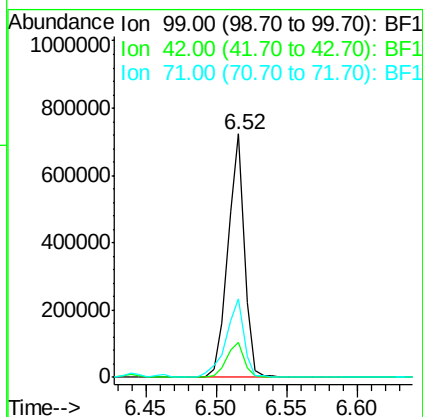
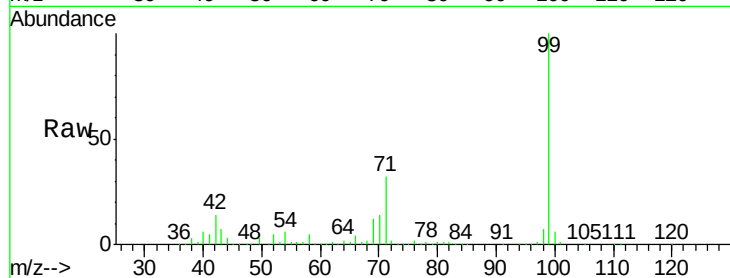
ClientSampleId :

HR-05-041719-A

Tgt Ion:	99	Resp:	588181
Ion Ratio	Lower	Upper	
99	100		
42	14.3	12.5	18.7
71	32.2	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

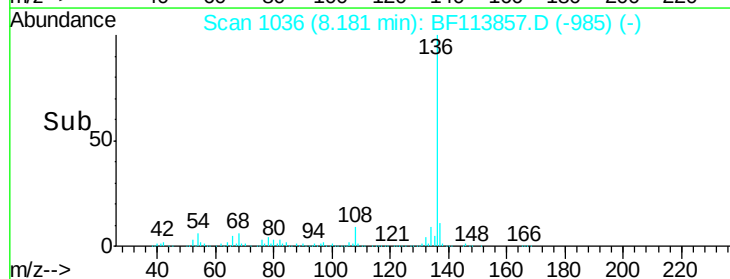
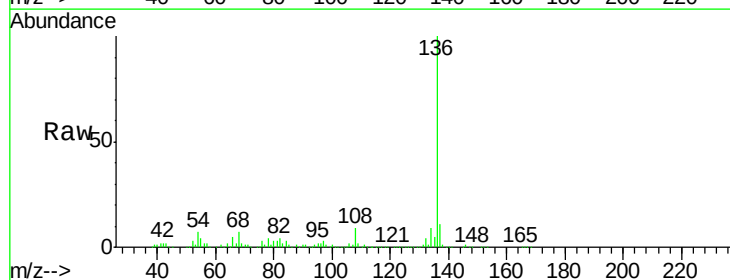
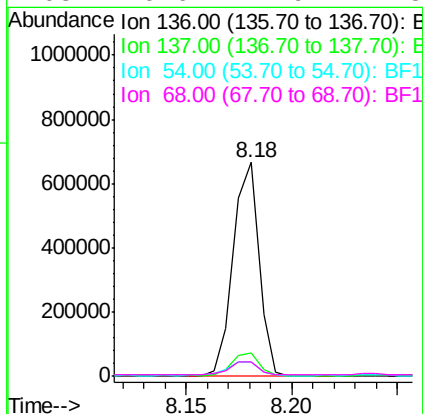
RT: 8.18 min Scan# 1036

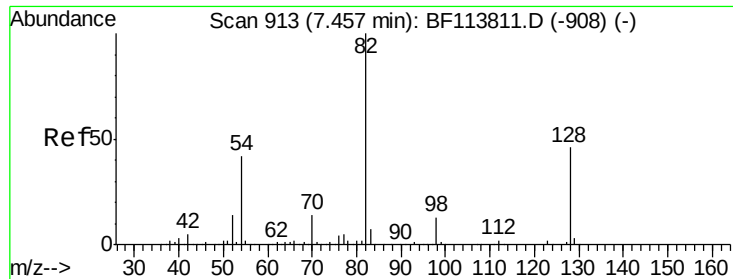
Delta R.T. -0.00 min

Lab File: BF113857.D

Acq: 19 Apr 2019 14:41

Tgt Ion:	136	Resp:	560578
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	6.6	5.0	7.6
68	6.6	4.9	7.3





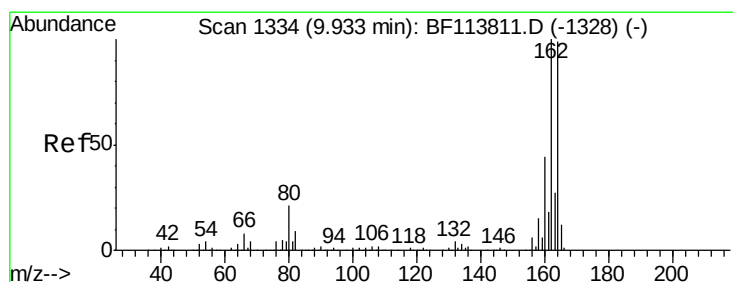
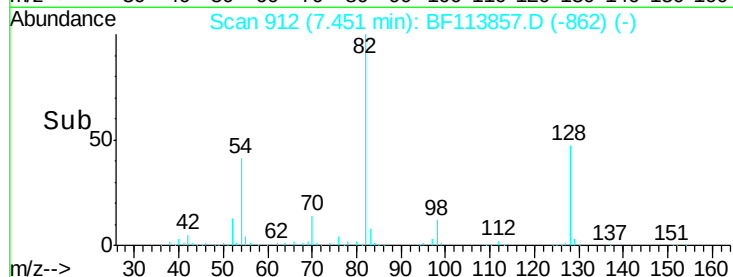
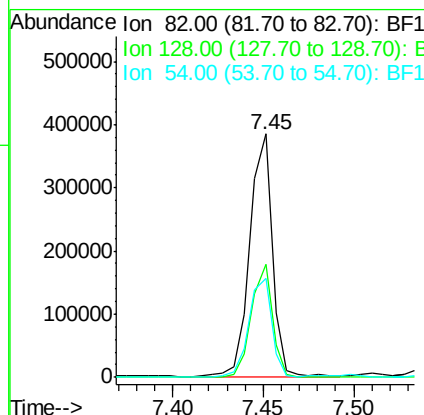
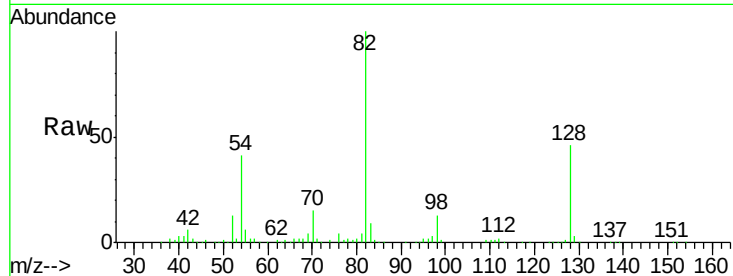
#23
 Nitrobenzene-d5
 Concen: 36.028 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113857.D
 Acq: 19 Apr 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-A

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	331650		
128	46.4	36.8	55.2	
54	40.7	33.8	50.6	

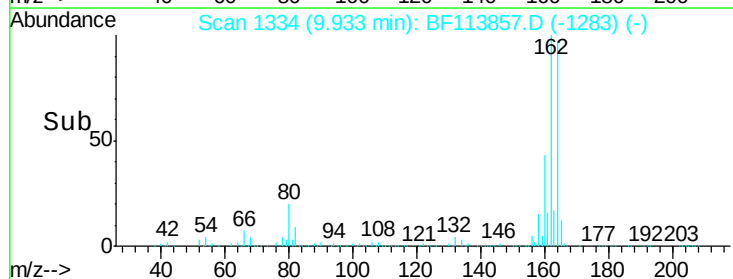
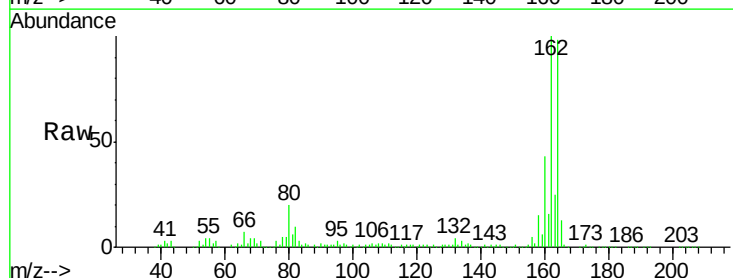
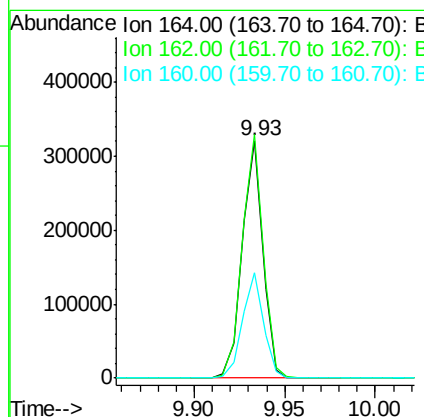
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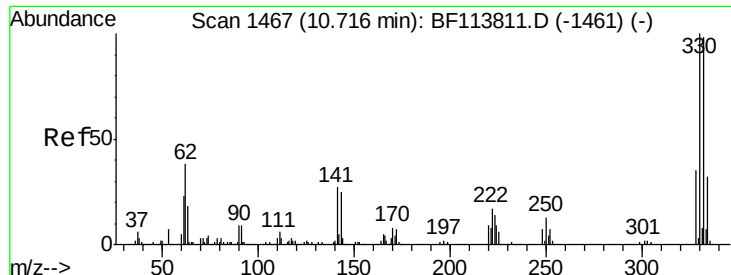
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF113857.D
 Acq: 19 Apr 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	253556		
162	102.4	81.1	121.7	
160	44.3	35.8	53.6	





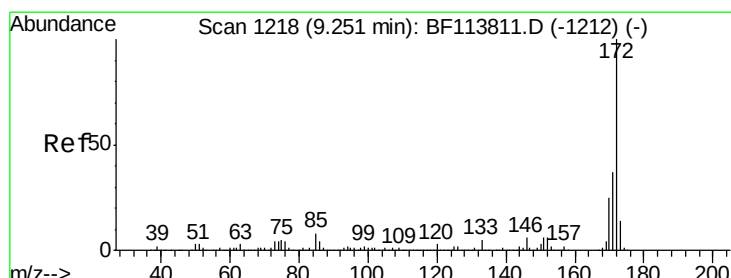
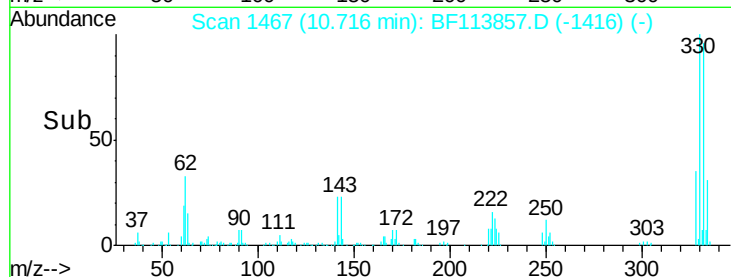
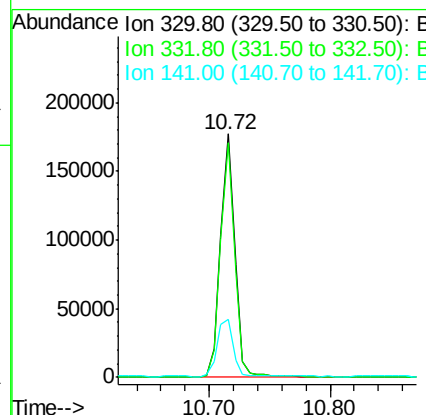
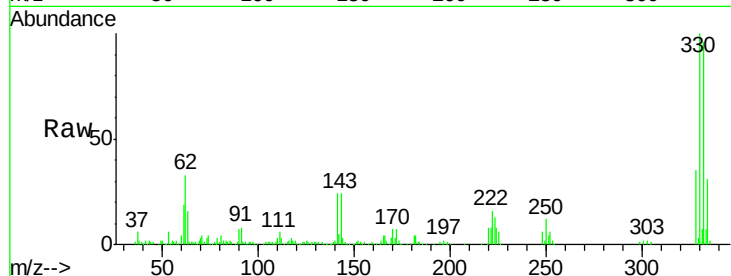
#42
 2,4,6-Tribromophenol
 Concen: 51.793 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF113857.D
 Acq: 19 Apr 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	145090		
332	96.1	77.5	116.3	
141	26.0	22.2	33.2	

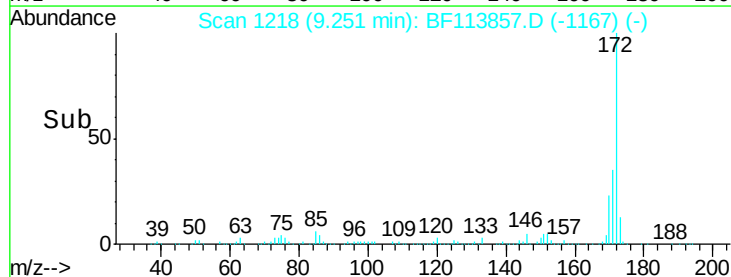
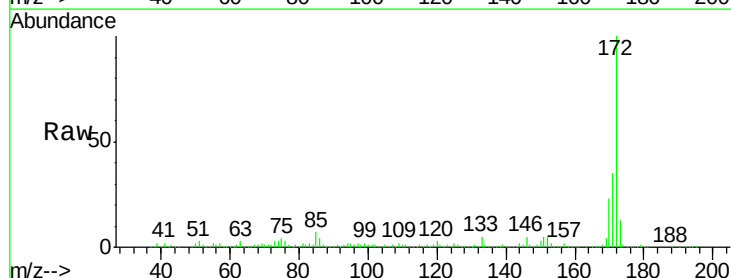
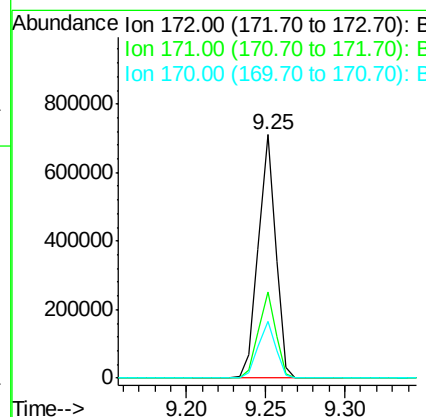
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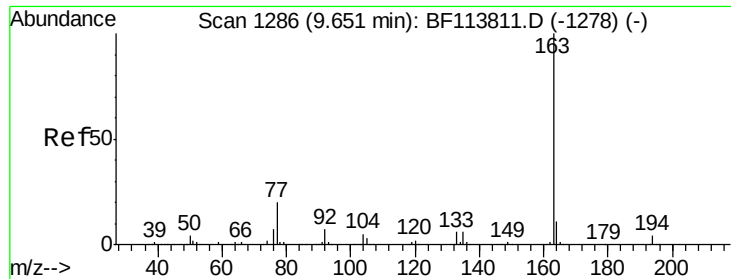
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#45
 2-Fluorobiphenyl
 Concen: 32.687 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113857.D
 Acq: 19 Apr 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	543466		
171	35.4	29.4	44.0	
170	23.2	19.9	29.9	





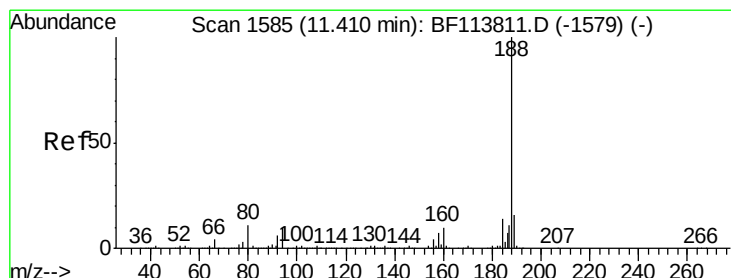
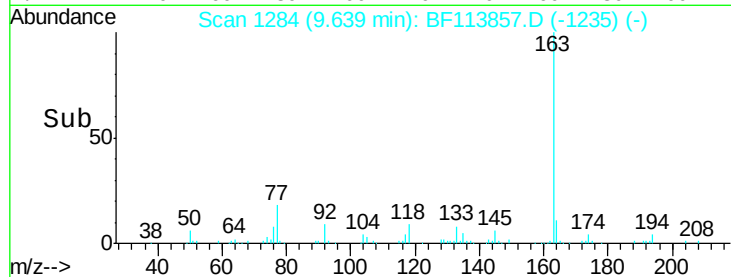
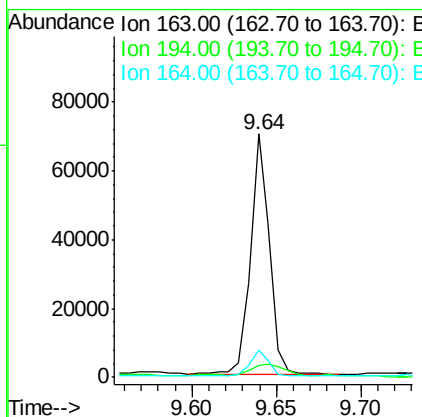
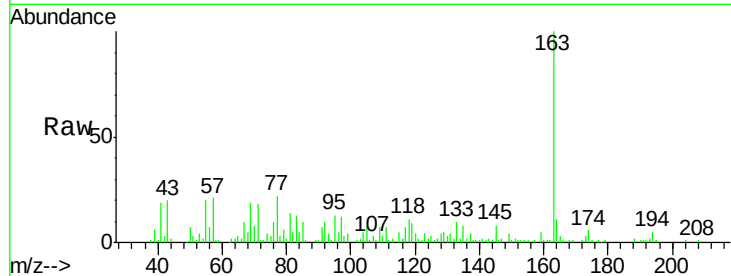
#50
Dimethylphthalate
Concen: 3.062 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF113857.D
Acq: 19 Apr 2019 14:41

Instrument :
BNA_F
ClientSampleId :
HR-05-041719-A

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	54332		
194	5.0	3.4	5.2	
164	11.1	8.5	12.7	

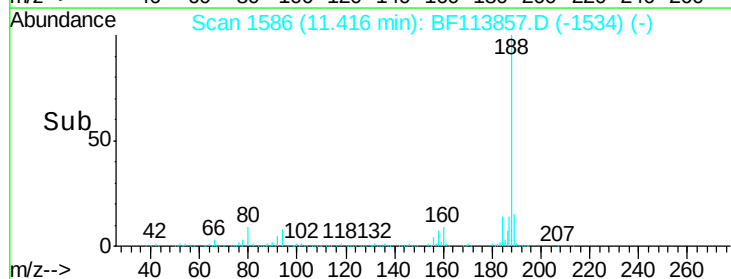
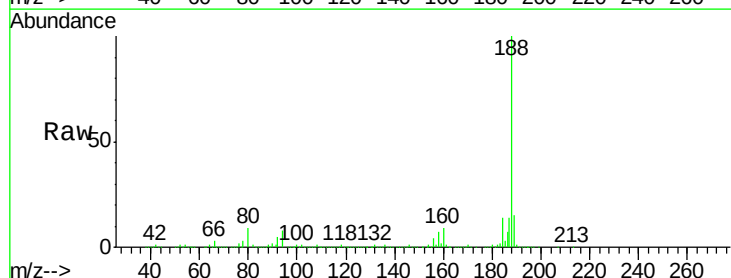
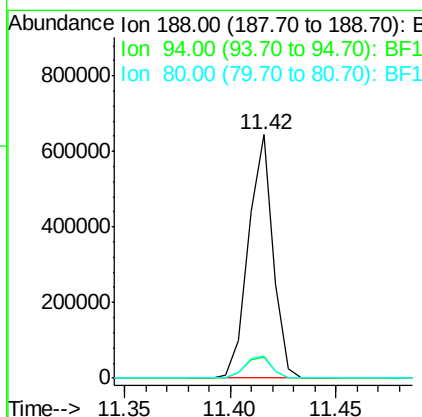
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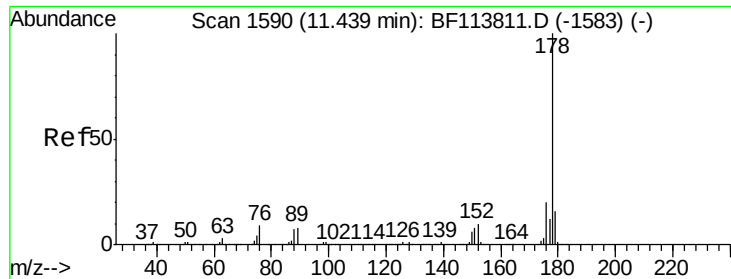
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF113857.D
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	520242		
94	8.4	8.2	12.4	
80	9.3	9.0	13.6	





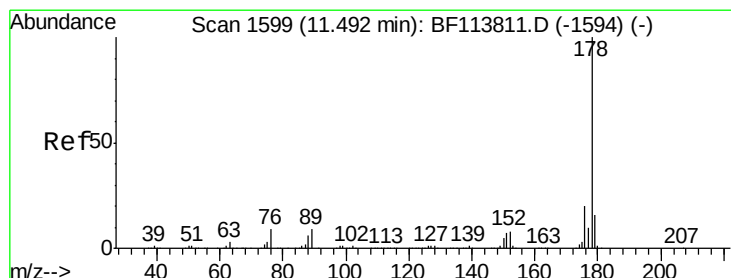
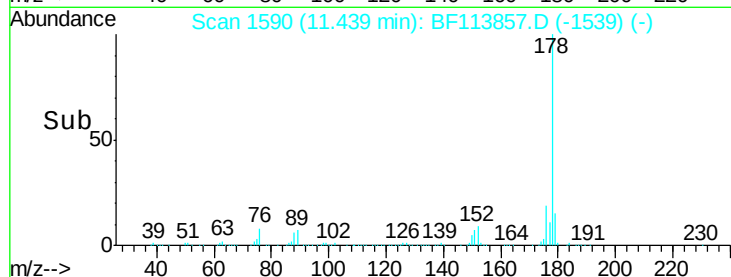
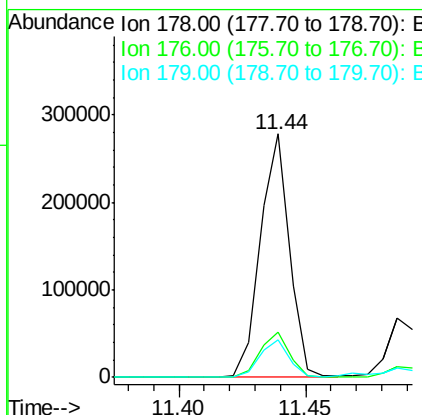
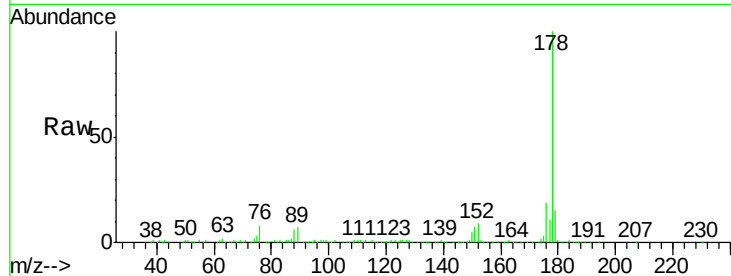
#71
Phenanthrene
Concen: 8.452 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF113857.D
Acq: 19 Apr 2019 14:41

Instrument :
BNA_F
ClientSampleId :
HR-05-041719-A

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	223956		
176	18.8	16.1	24.1	
179	15.4	12.8	19.2	

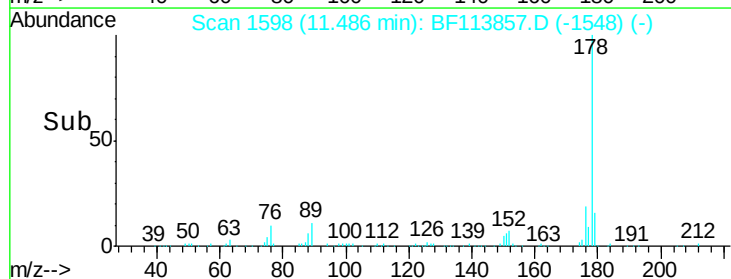
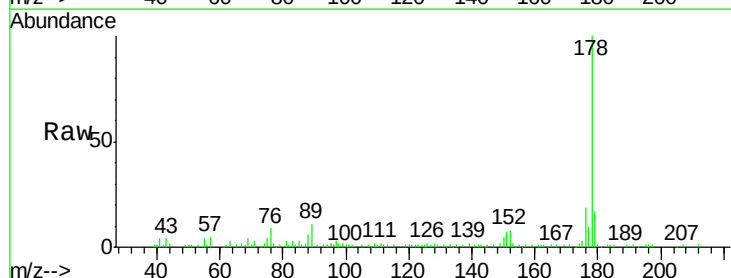
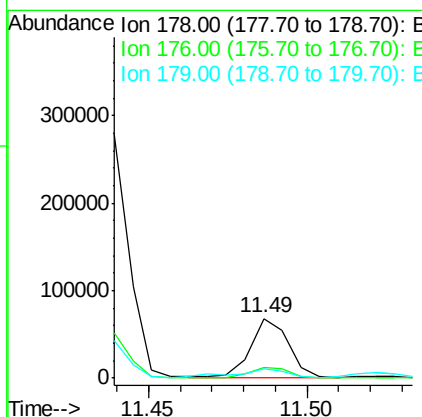
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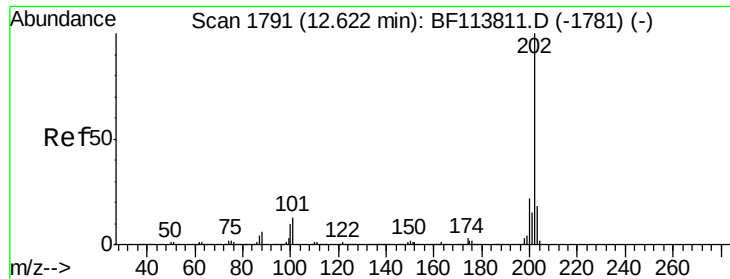
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#72
Anthracene
Concen: 2.069 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF113857.D
Acq: 19 Apr 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	55239		
176	18.6	15.7	23.5	
179	16.7	13.0	19.4	





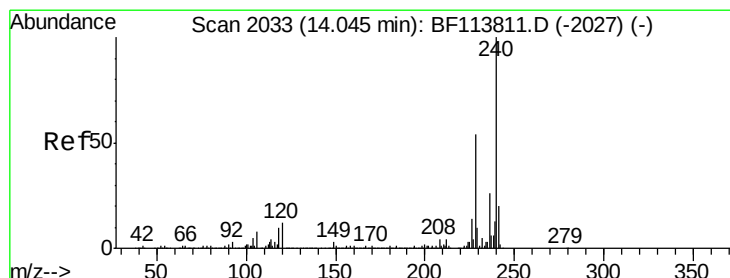
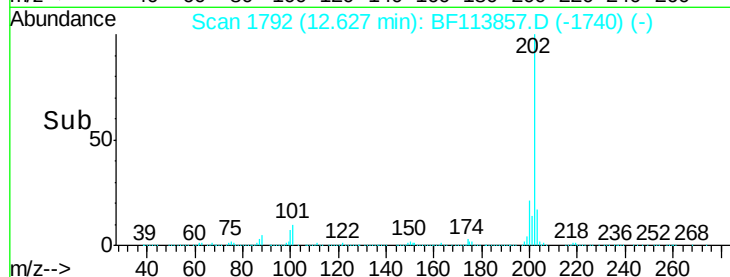
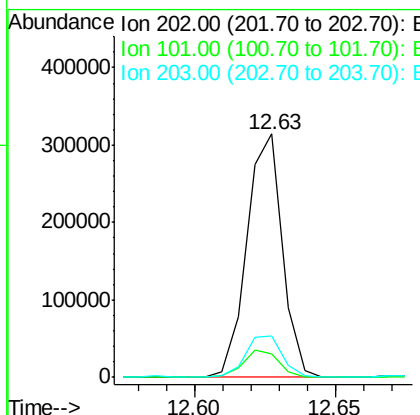
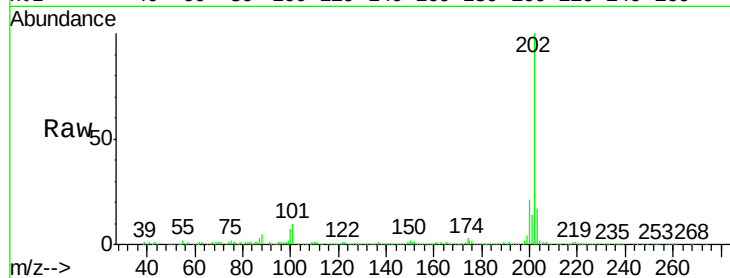
#75
Fluoranthene
Concen: 9.675 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF113857.D
Acq: 19 Apr 2019 14:41

Instrument :
BNA_F
ClientSampleId :
HR-05-041719-A

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	271687		
101	9.7	0.0	32.9	
203	17.1	0.0	38.2	

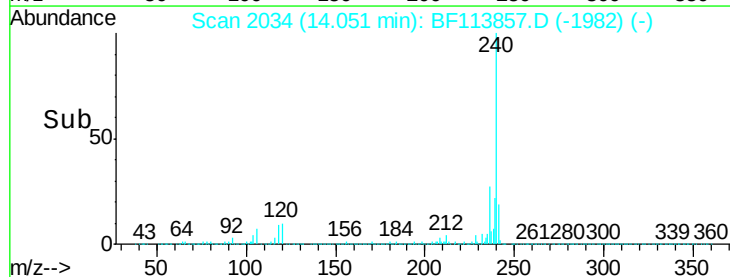
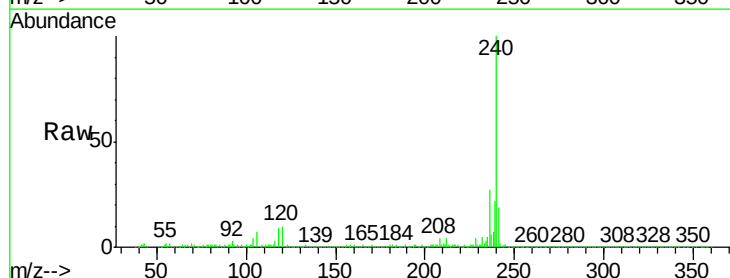
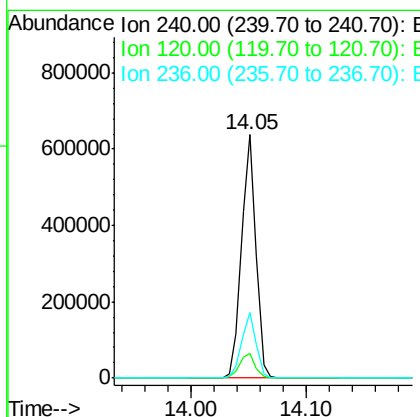
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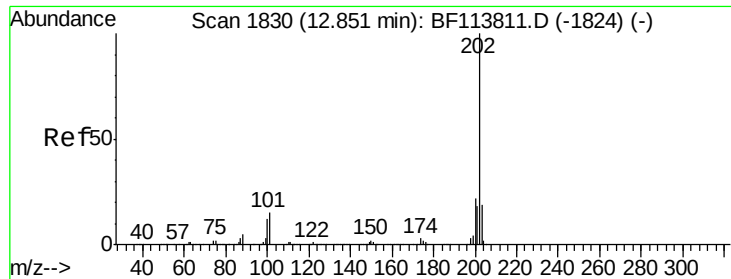
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF113857.D
Acq: 19 Apr 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	551758		
120	10.0	9.3	13.9	
236	27.0	21.2	31.8	





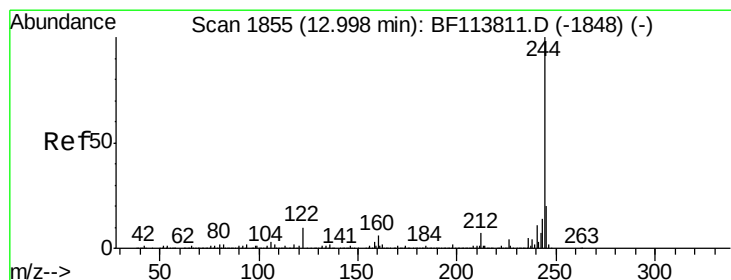
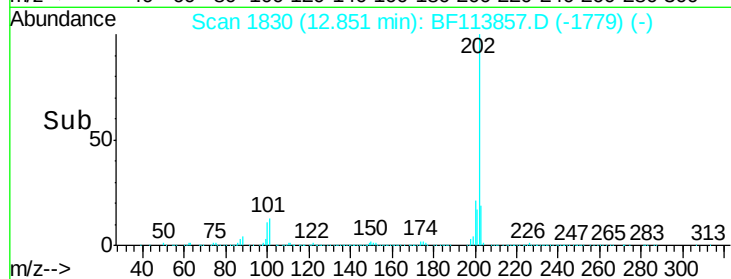
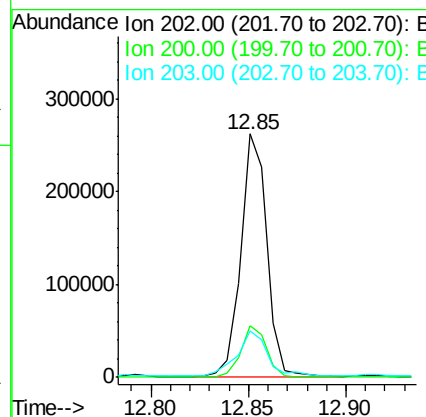
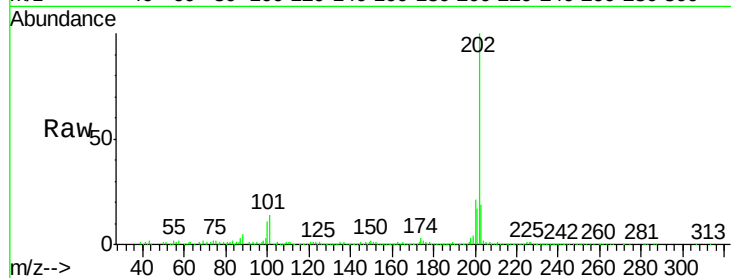
#78
 Pyrene
 Concen: 6.161 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BF113857.D
 Acq: 19 Apr 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-A

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	239562		
200	21.2	17.7	26.5	
203	19.2	15.0	22.6	

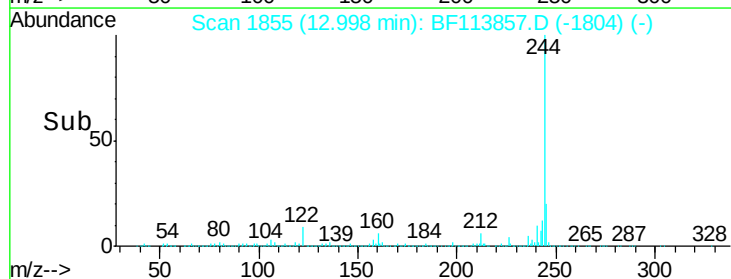
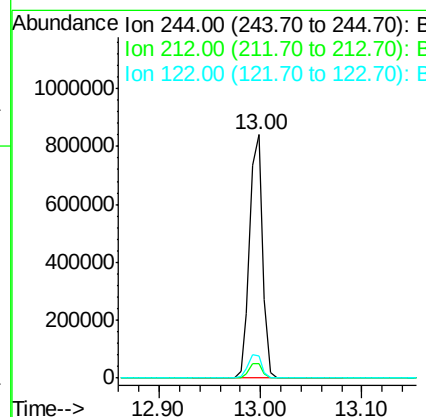
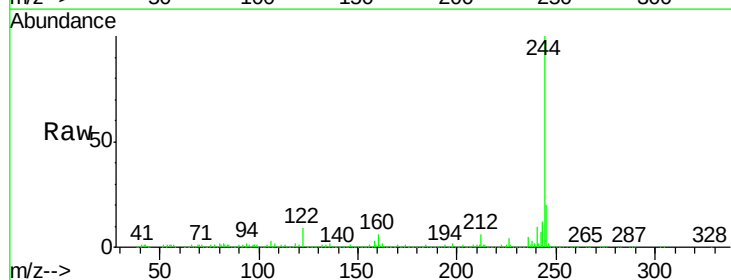
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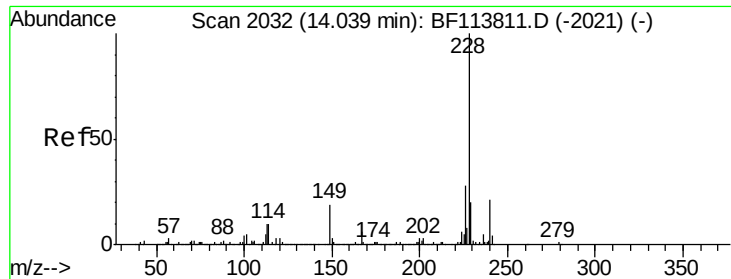
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#79
 Terphenyl-d14
 Concen: 28.529 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF113857.D
 Acq: 19 Apr 2019 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	750658		
212	6.1	5.4	8.2	
122	8.9	7.6	11.4	





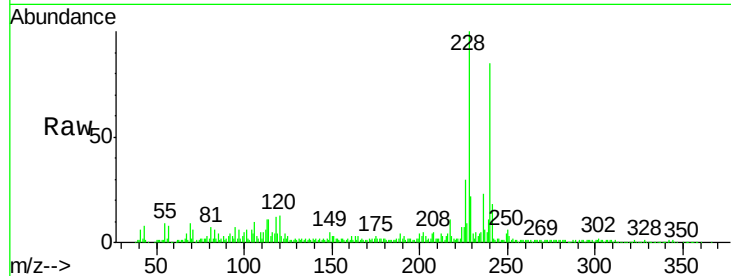
#81
Benzo(a)anthracene
Concen: 4.189 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF113857.D
Acq: 19 Apr 2019 14:41

Instrument :
BNA_F
ClientSampleId :
HR-05-041719-A

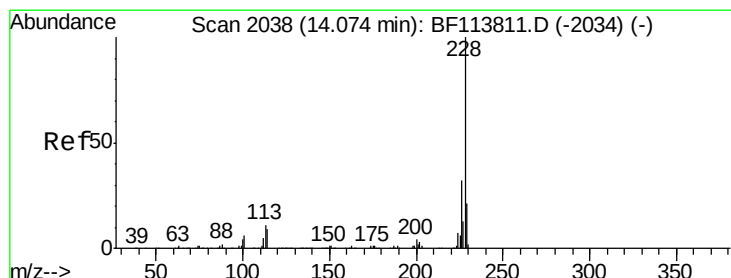
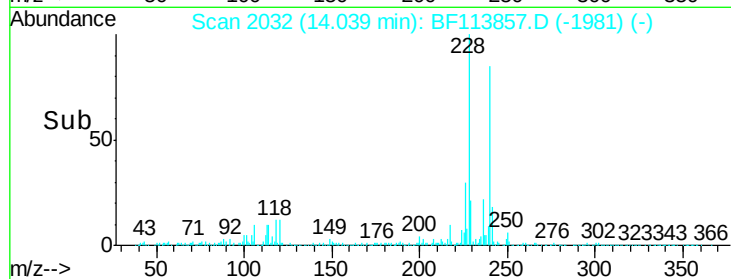
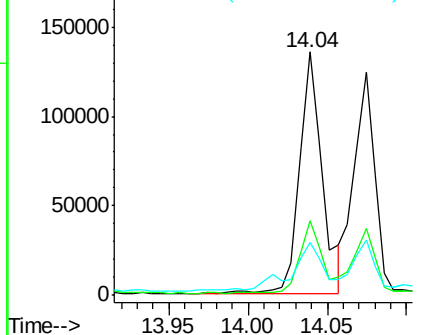
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.2	33.2
229	21.9	16.0	24.0

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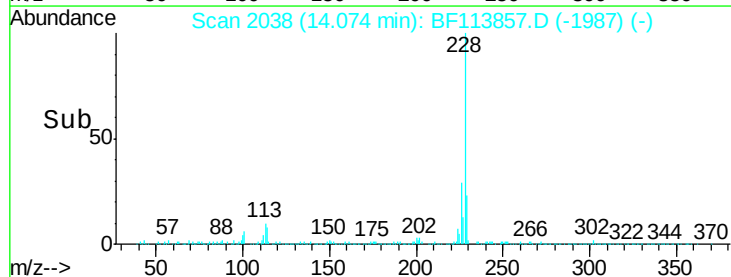
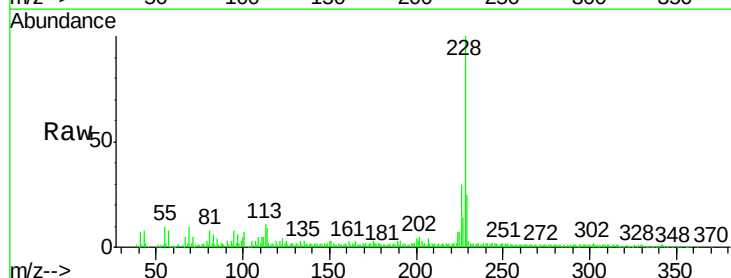
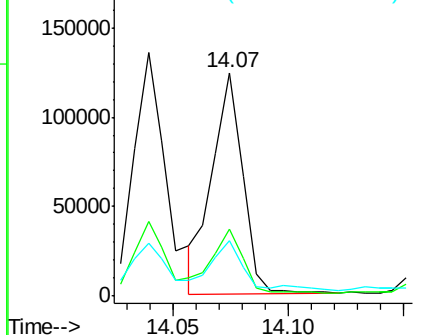
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

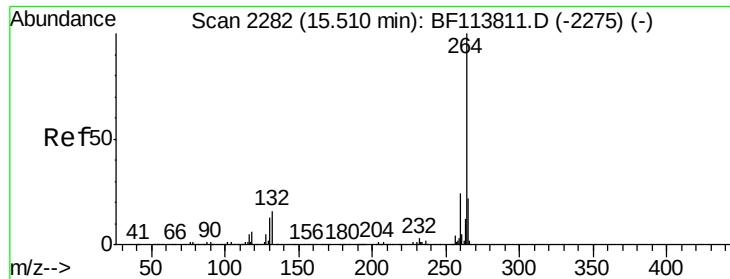


#83
Chrysene
Concen: 3.558 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF113857.D
Acq: 19 Apr 2019 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.2	37.8
229	24.7	16.7	25.1

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





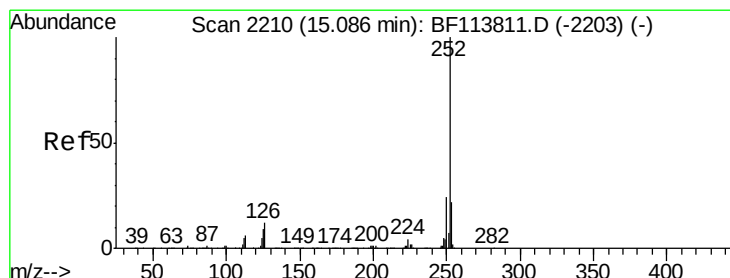
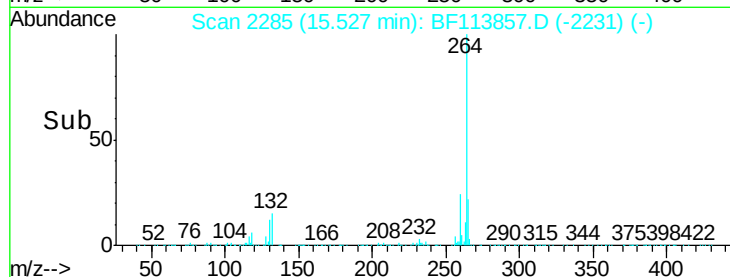
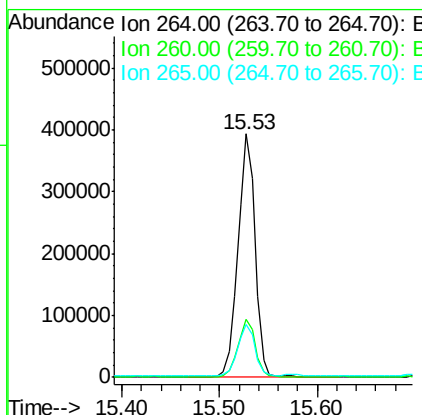
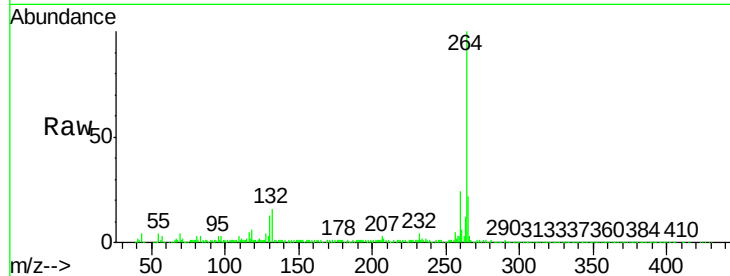
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.02 min
Lab File: BF113857.D
Acq: 19 Apr 2019 14:41

Instrument :
BNA_F
ClientSampleId :
HR-05-041719-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.9	17.3	25.9

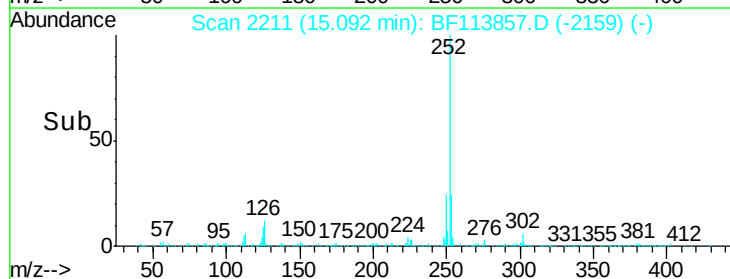
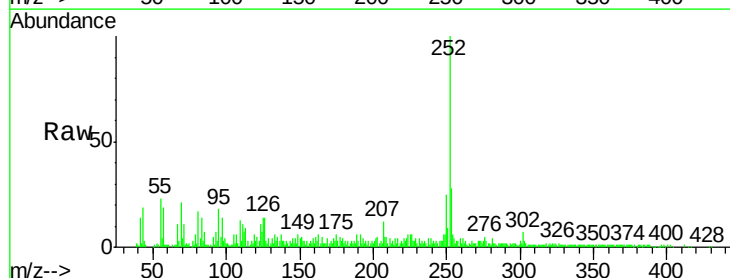
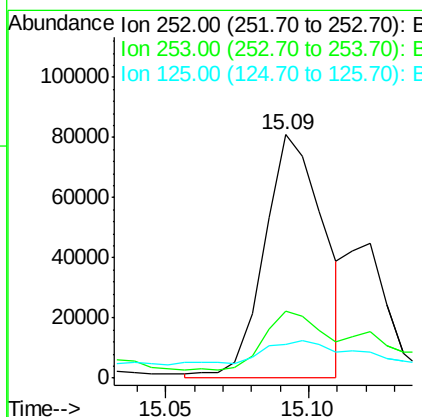
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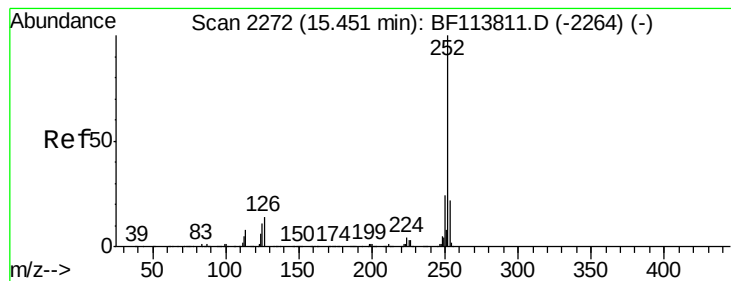
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#88
Benzo(b)fluoranthene
Concen: 3.973 ng m
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF113857.D
Acq: 19 Apr 2019 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.8	26.6#
125	14.1	7.0	10.6#





#90
 Benzo(a)pyrene
 Concen: 3.023 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF113857.D
 Acq: 19 Apr 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.5	26.3
125	16.6	8.5	12.7

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