

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114828.D
 Acq On : 5 Jun 2019 19:54
 Operator : HP/JU
 Sample : K2638-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2019

Manual Integrations
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Quant Time: Jun 06 06:55:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	345561	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1358189	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	701151	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1388445	20.00	ng	0.00
76) Chrysene-d12	13.79	240	963907	20.00	ng	0.00
87) Perylene-d12	15.19	264	1012525	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1963028	99.26	ng	0.01
7) Phenol-d6	6.31	99	2436791	101.26	ng	0.00
23) Nitrobenzene-d5	7.23	82	1513916	68.62	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	770698	102.00	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2698264	72.09	ng	0.00
79) Terphenyl-d14	12.76	244	3080452	62.15	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	660329	12.895	ng	99
71) Phenanthrene	11.19	178	281231	4.243	ng	95
75) Fluoranthene	12.37	202	609115	8.829	ng	96
78) Pyrene	12.60	202	548005	6.554	ng	98
81) Benzo(a)anthracene	13.79	228	290450	3.910	ng	98
83) Chrysene	13.82	228	261445	3.618	ng	95
88) Benzo(b)fluoranthene	14.80	252	366707m	5.689	ng	
90) Benzo(a)pyrene	15.13	252	258321	4.630	ng	# 96
92) Benzo(g,h,i)perylene	16.88	276	137785	2.593	ng	97

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

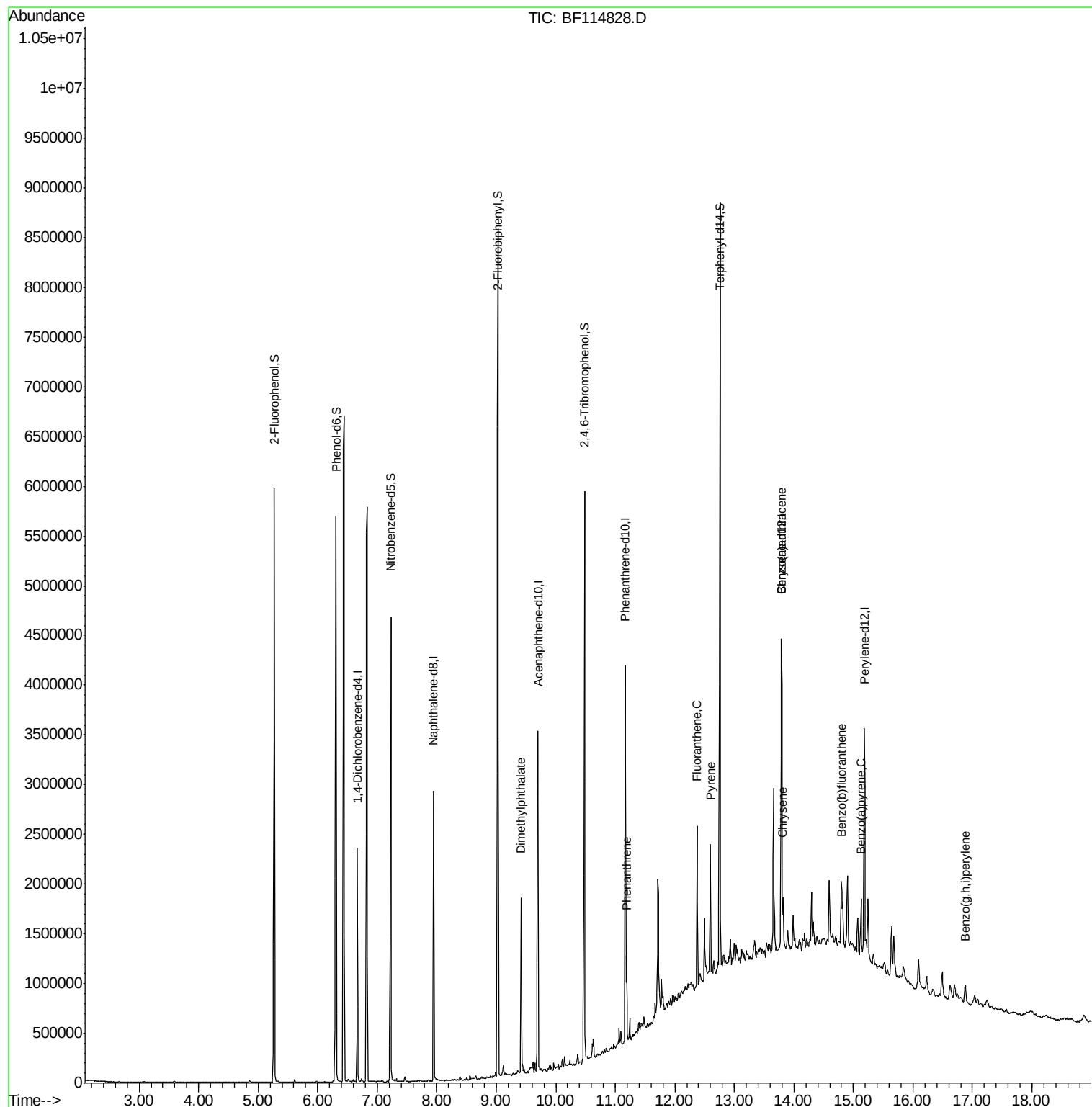
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114828.D
Acq On : 5 Jun 2019 19:54
Operator : HP/JU
Sample : K2638-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

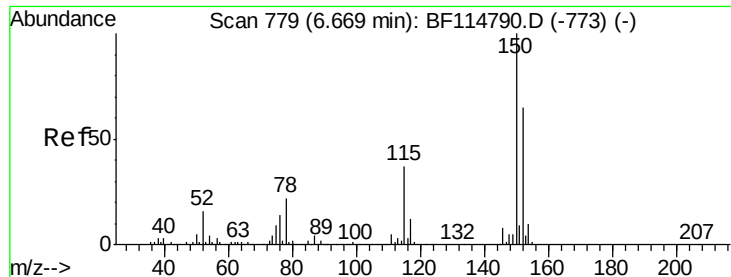
Instrument :
BNA_F
ClientSampleId :
2019

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Quant Time: Jun 06 06:55:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

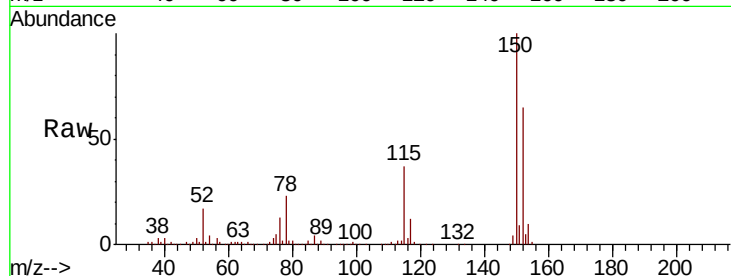
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114828.D
Acq: 5 Jun 2019 19:54

Instrument :
BNA_F
ClientSampleId :
2019

Tot Ion	Ratio	Resp	Lower	Upper
152	100	345561		
150	153.1	124.0	186.0	
115	56.7	46.3	69.5	

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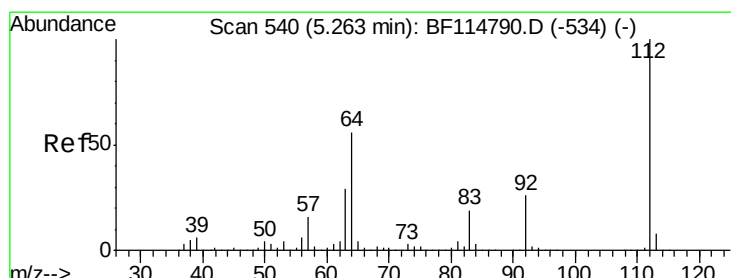
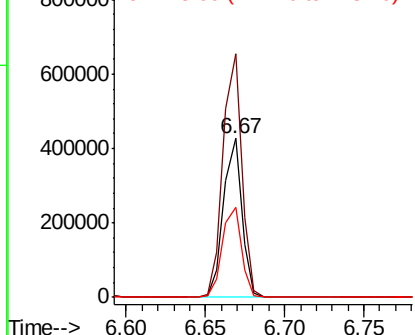
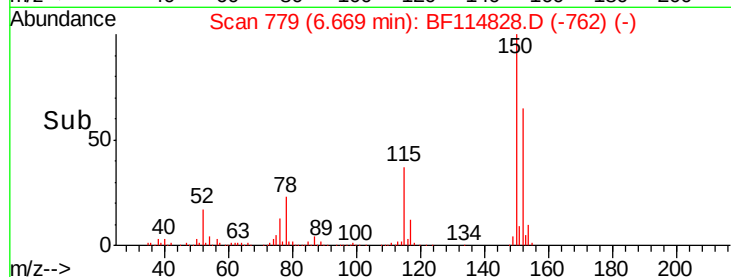


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

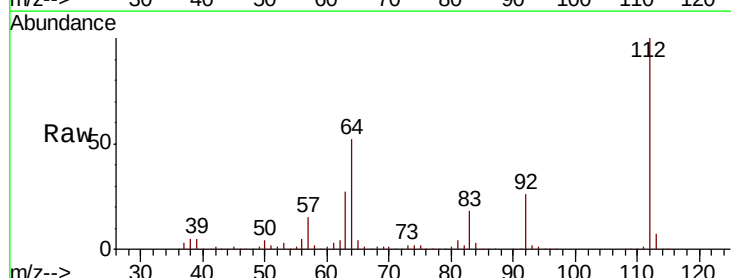
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.262 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114828.D
Acq: 5 Jun 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1963028		
64	52.4	44.6	66.8	
63	27.0	23.0	34.4	

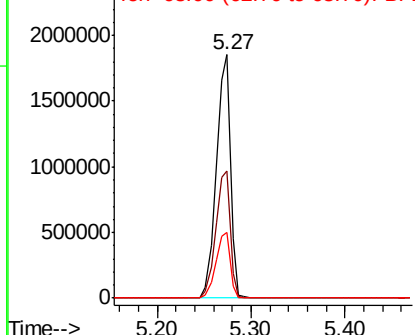
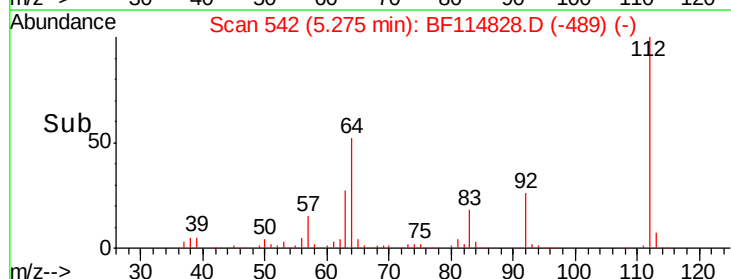


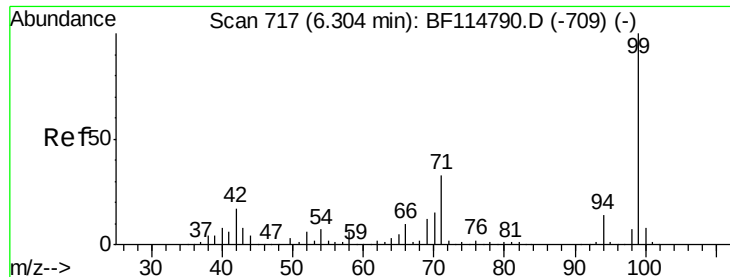
Abundance

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: 101.264 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114828.D

Acq: 5 Jun 2019 19:54

Instrument :

BNA_F

ClientSampled :
2019

Tot Ion: 99 Resp: 2436791

Ion Ratio Lower Upper

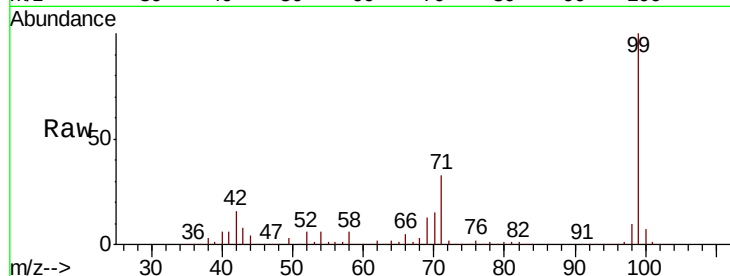
99 100

42 16.0 13.3 19.9

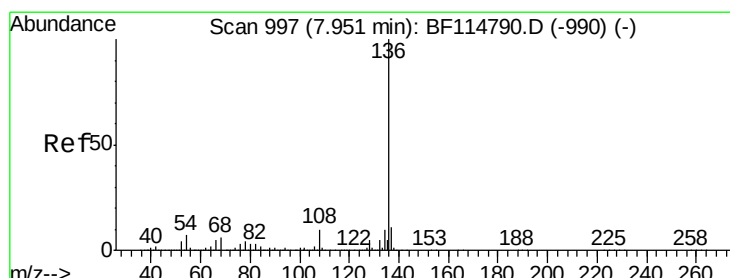
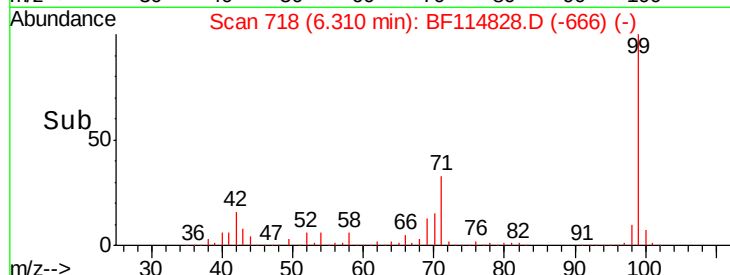
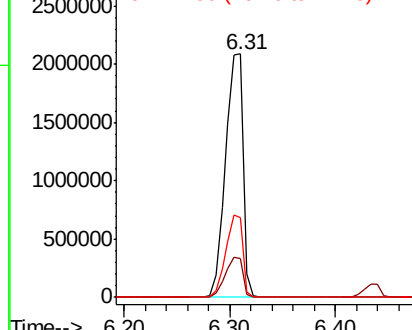
71 32.8 26.3 39.5

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114828.D

Acq: 5 Jun 2019 19:54

Tgt Ion: 136 Resp: 1358189

Ion Ratio Lower Upper

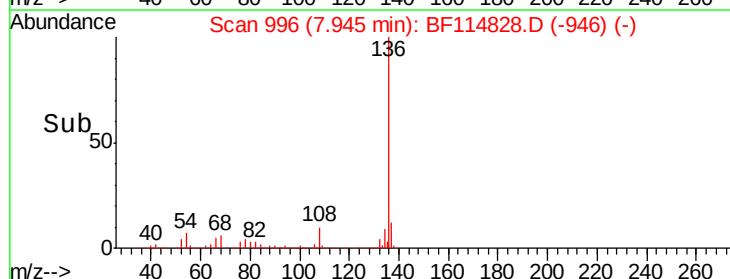
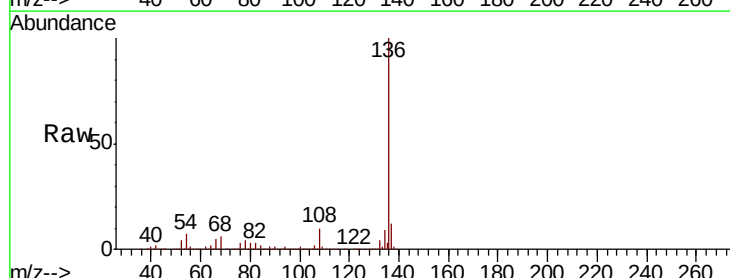
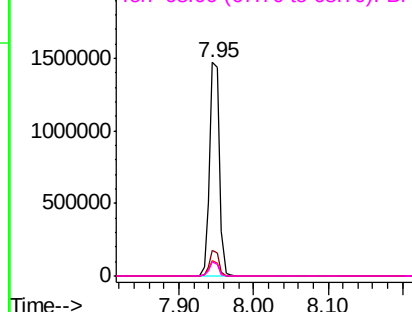
136 100

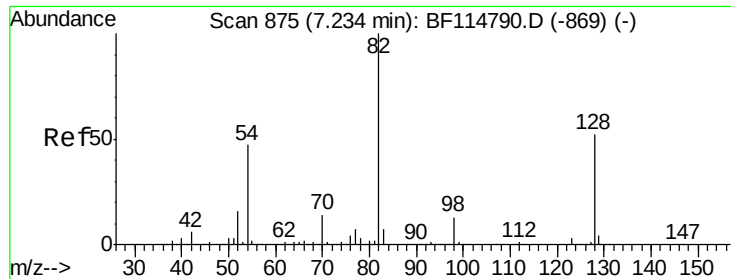
137 11.7 9.1 13.7

54 7.3 5.4 8.0

68 6.3 4.6 6.8

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





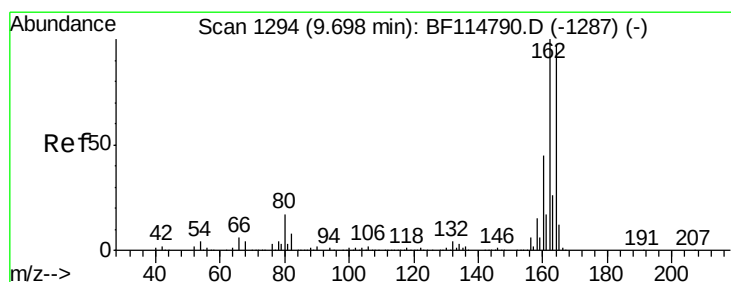
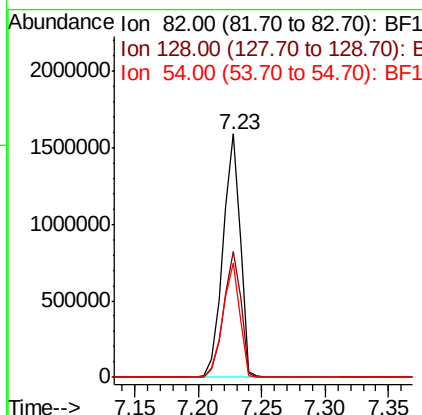
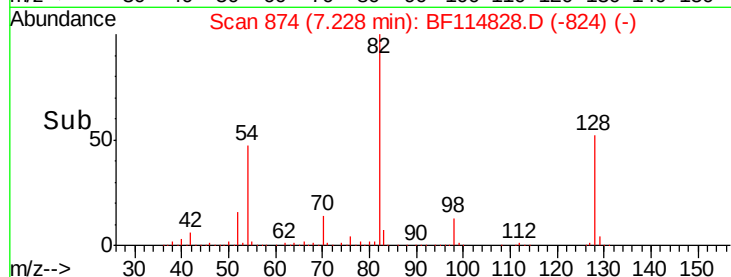
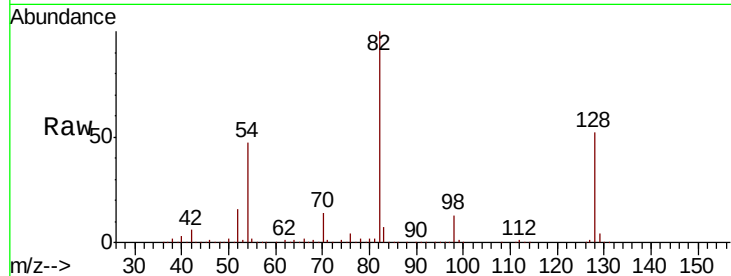
#23
Nitrobenzene-d5
Concen: 68.617 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114828.D
Acq: 5 Jun 2019 19:54

Instrument :
BNA_F
ClientSampleId :
2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.9	41.8	62.6
54	47.0	37.9	56.9

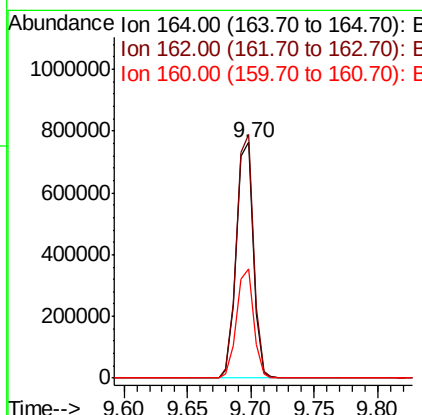
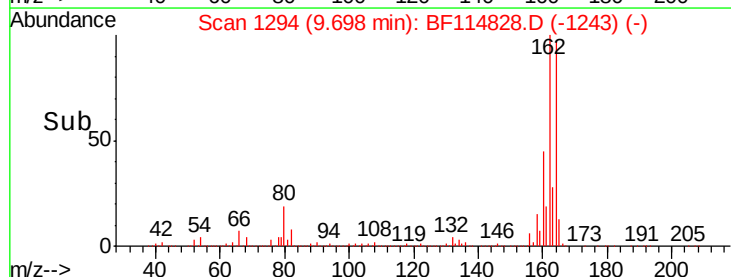
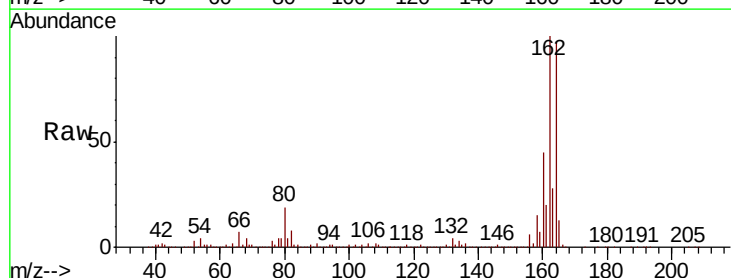
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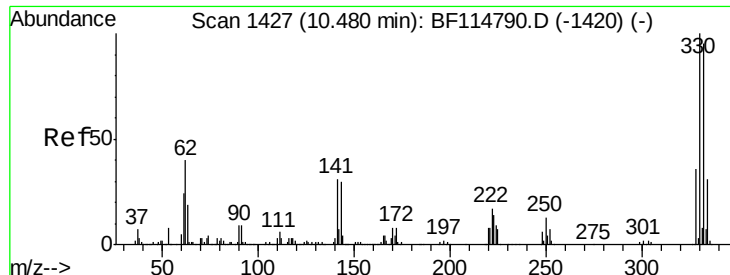
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114828.D
Acq: 5 Jun 2019 19:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.3	123.5
160	46.4	36.7	55.1





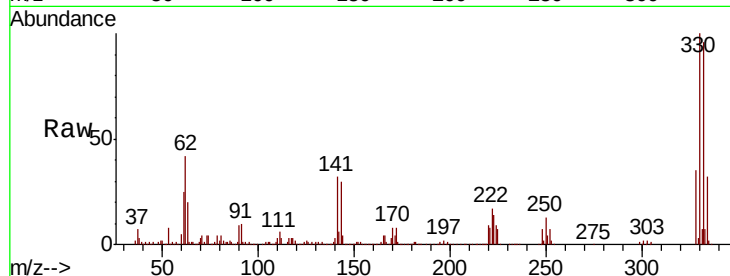
#42
 2,4,6-Tribromophenol
 Concen: 101.998 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF114828.D
 Acq: 5 Jun 2019 19:54

Instrument :
 BNA_F
 ClientSampled :
 2019

Tot Ion	Ratio	Resp	Lower	Upper
330	100	770698		
332	95.9		77.3	115.9
141	31.9		26.2	39.4

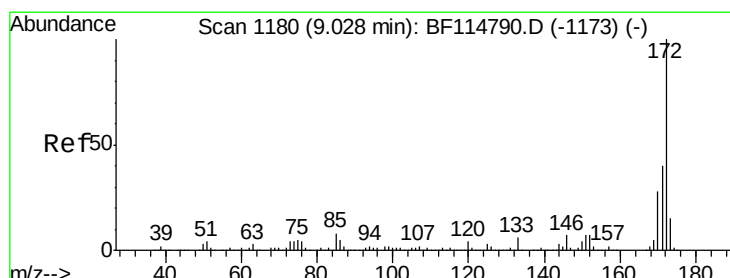
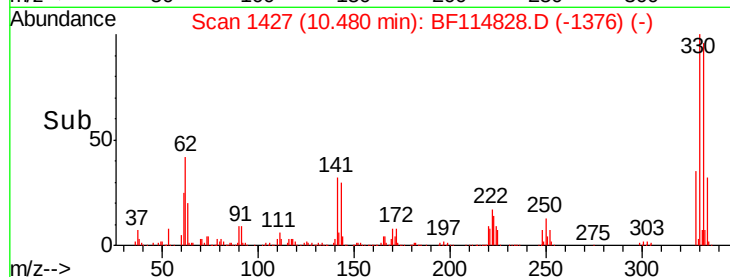
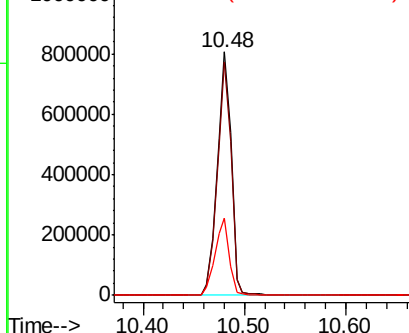
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Abundance

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

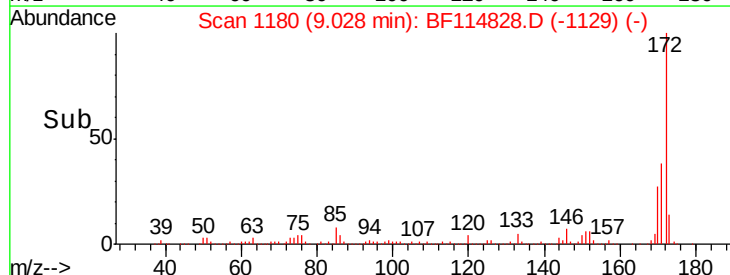
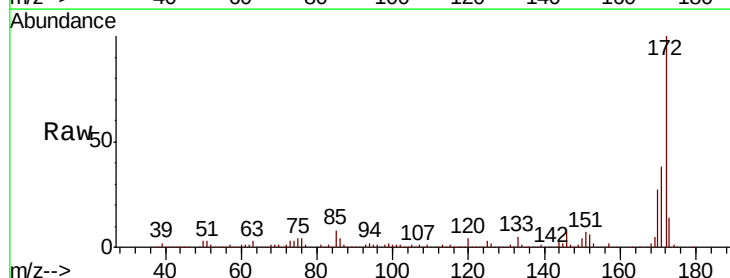
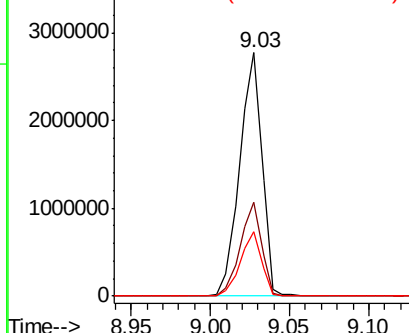


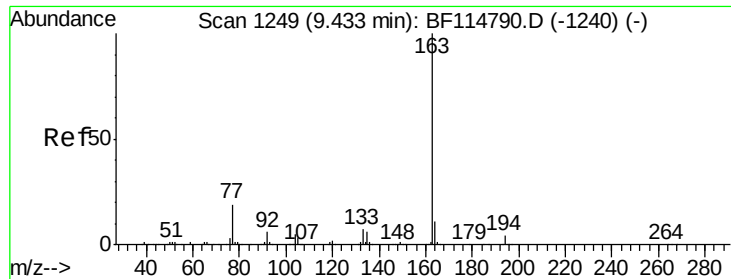
#45
 2-Fluorobiphenyl
 Concen: 72.090 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF114828.D
 Acq: 5 Jun 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2698264		
171	38.5		32.3	48.5
170	26.5		22.4	33.6

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





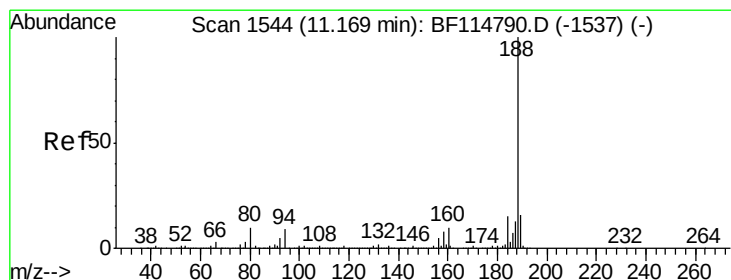
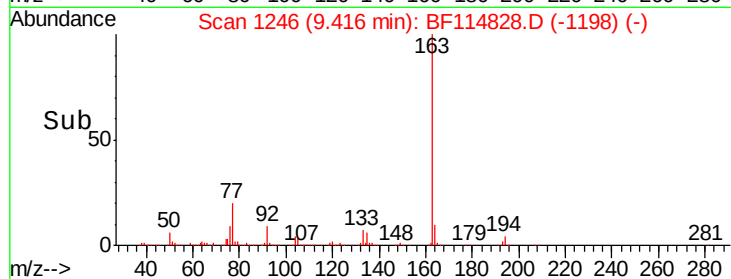
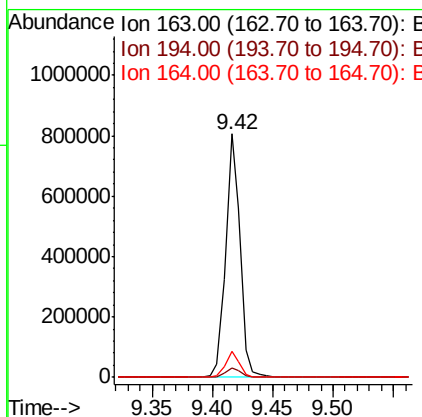
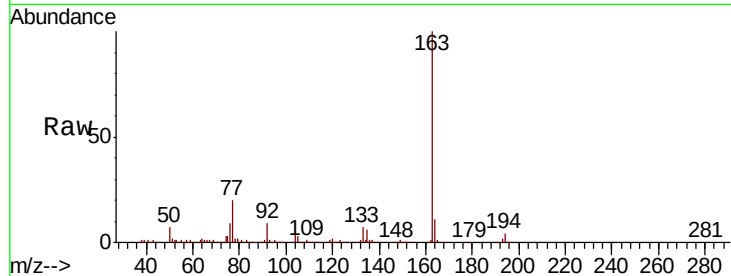
#50
Dimethylphthalate
Concen: 12.895 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF114828.D
Acq: 5 Jun 2019 19:54

Instrument :
BNA_F
ClientSampleId :
2019

Tot Ion	Ratio	Resp	Lower	Upper
163	100	660329		
194	3.8		3.4	5.2
164	10.5		8.6	13.0

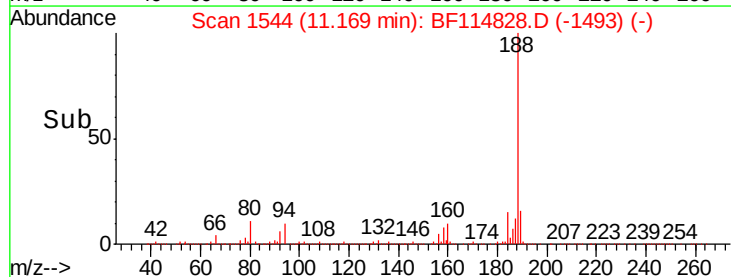
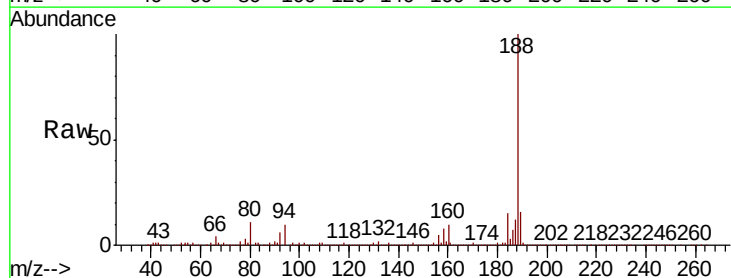
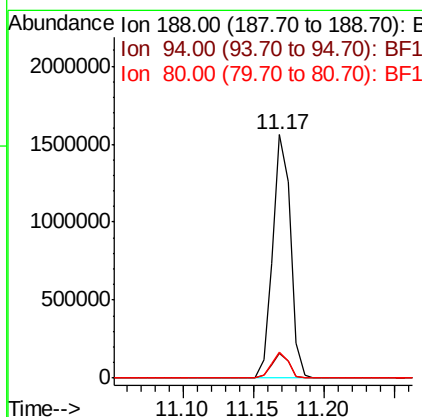
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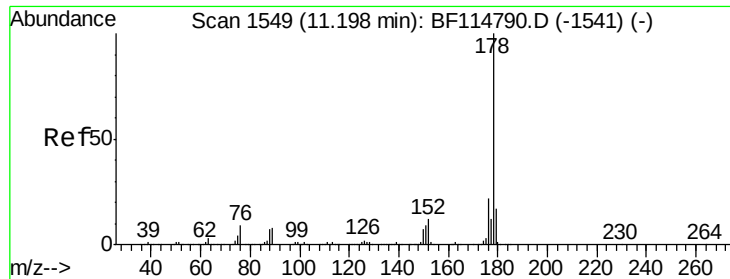
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF114828.D
Acq: 5 Jun 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1388445		
94	10.4		7.6	11.4
80	10.9		8.3	12.5





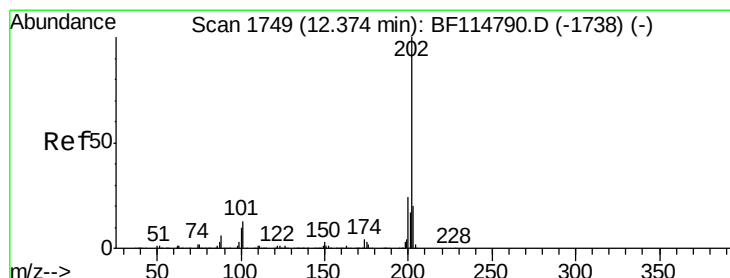
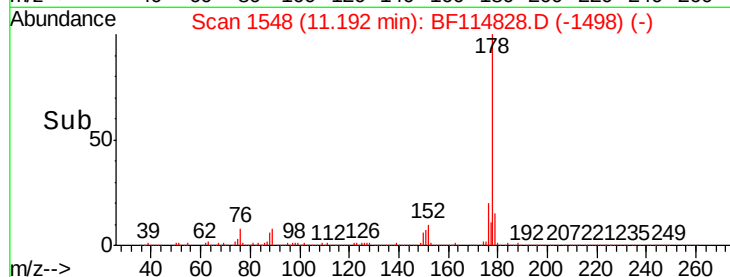
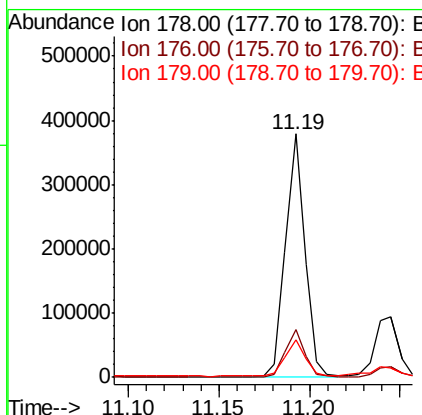
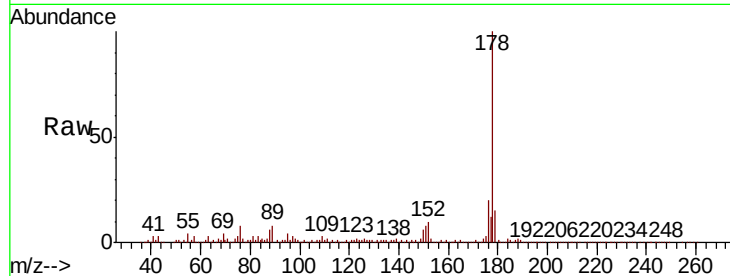
#71
Phenanthrene
Concen: 4.243 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF114828.D
Acq: 5 Jun 2019 19:54

Instrument :
BNA_F
ClientSampleId :
2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	17.7	26.5
179	15.5	13.7	20.5

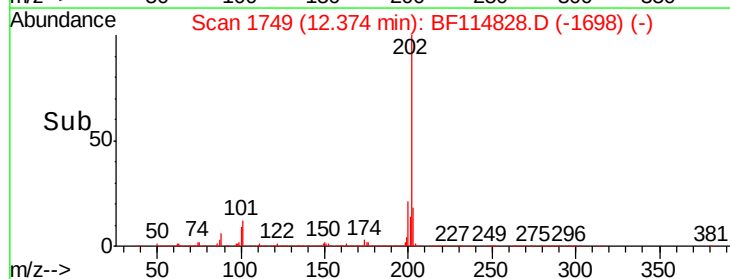
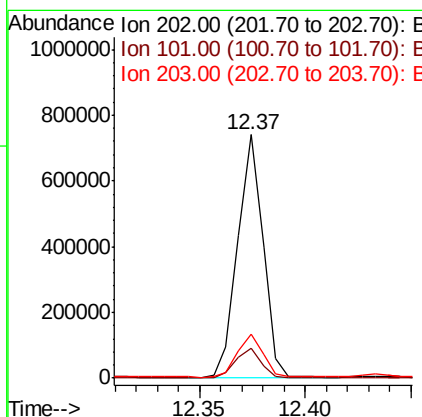
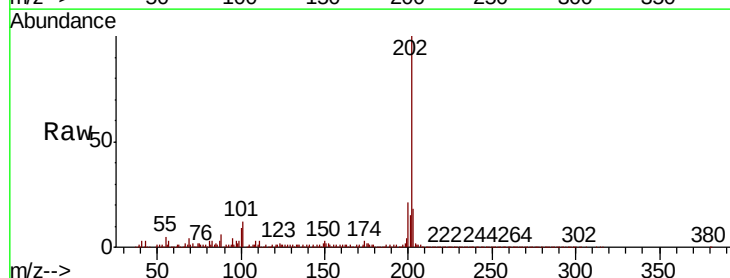
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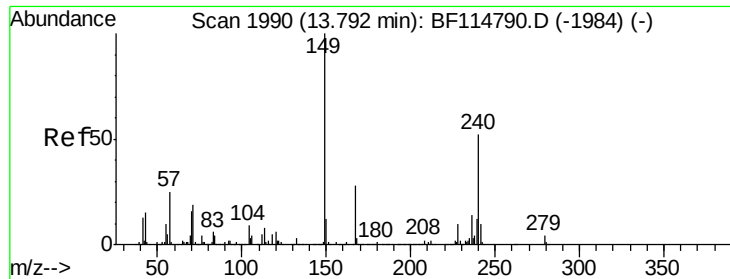
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#75
Fluoranthene
Concen: 8.829 ng
RT: 12.37 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BF114828.D
Acq: 5 Jun 2019 19:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.8
203	17.8	0.2	40.2





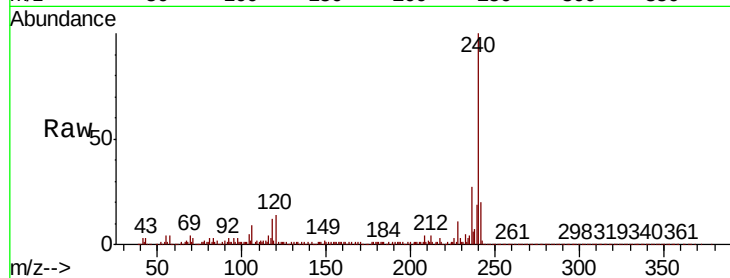
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BF114828.D
Acq: 5 Jun 2019 19:54

Instrument :
BNA_F
ClientSampleId :
2019

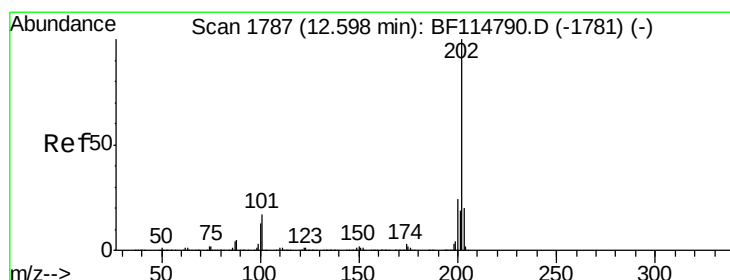
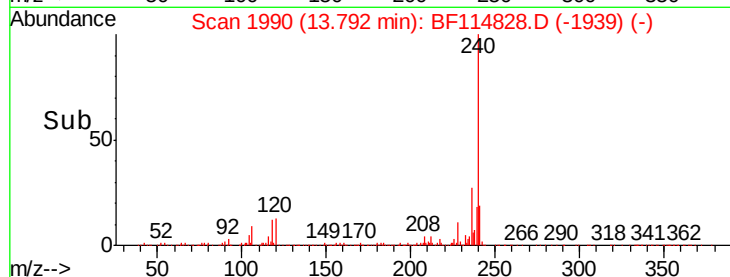
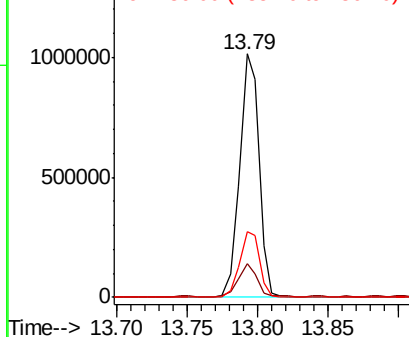
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.0	13.4#
236	26.9	21.4	32.0

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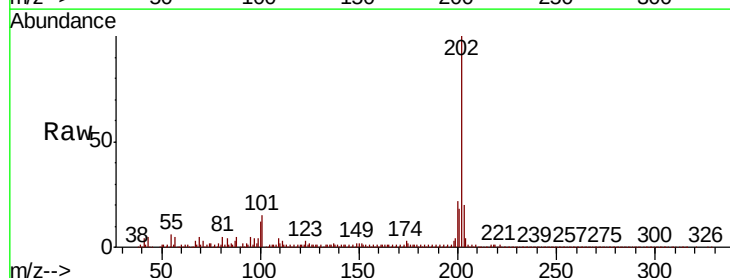


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

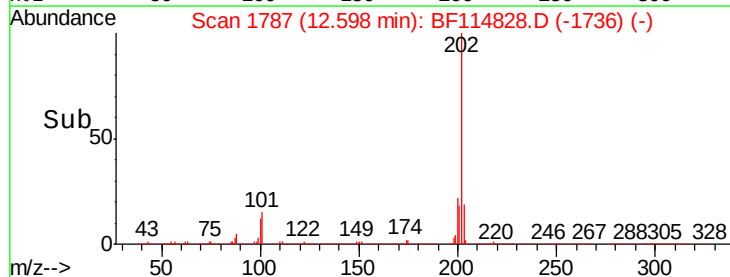
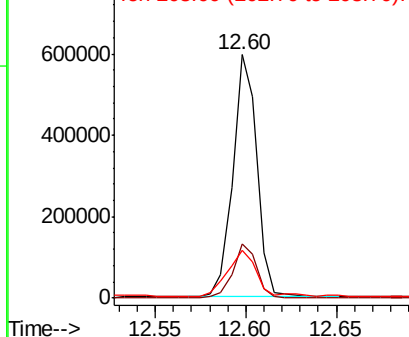


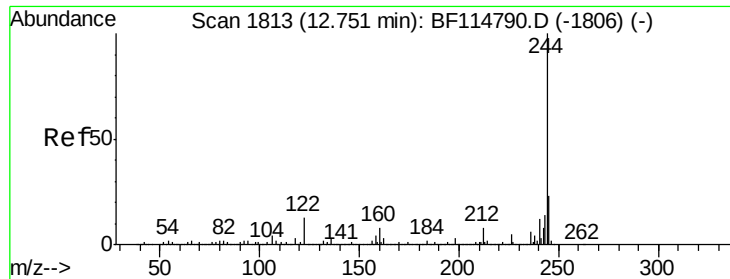
#78
Pyrene
Concen: 6.554 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF114828.D
Acq: 5 Jun 2019 19:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	19.2	28.8
203	19.6	15.9	23.9



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





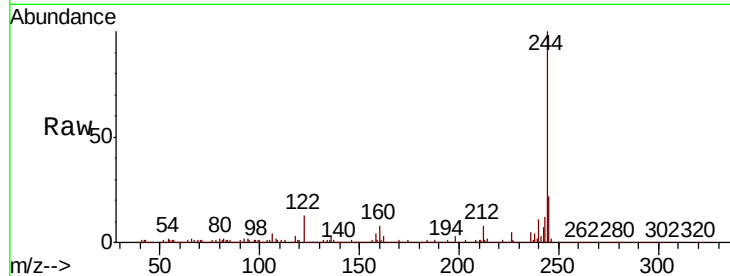
#79
 Terphenyl-d14
 Concen: 62.151 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF114828.D
 Acq: 5 Jun 2019 19:54

Instrument :
 BNA_F
 ClientSampled :
 2019

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	12.7	10.5	15.7

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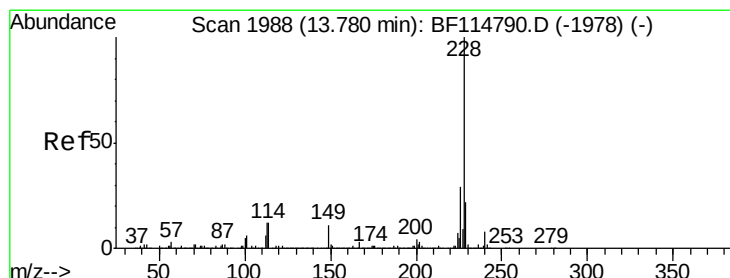
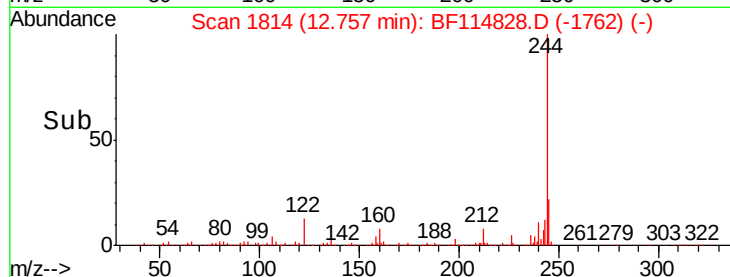
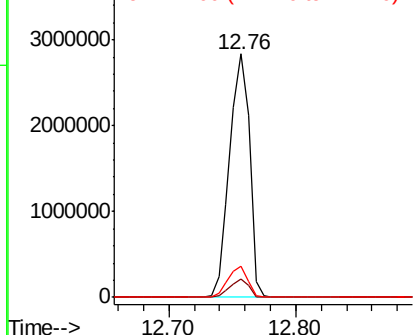


Abundance

Ion 244.00 (243.70 to 244.70): E

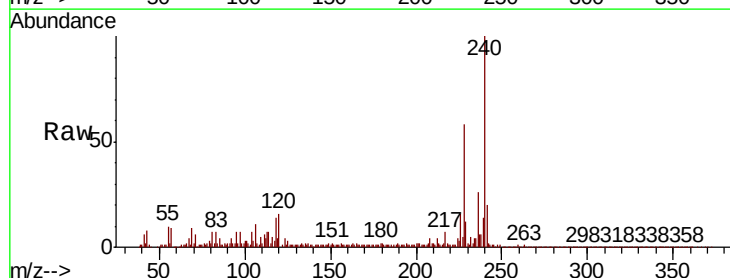
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81
 Benzo(a)anthracene
 Concen: 3.910 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: BF114828.D
 Acq: 5 Jun 2019 19:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.2
229	20.9	17.4	26.0

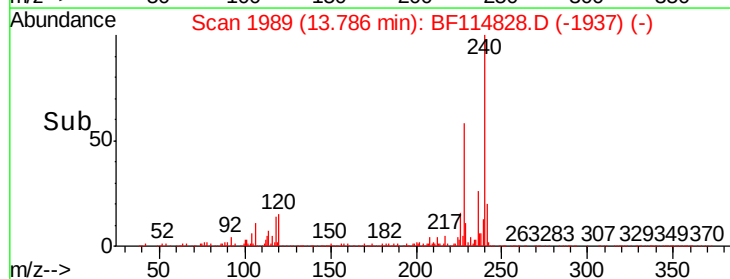
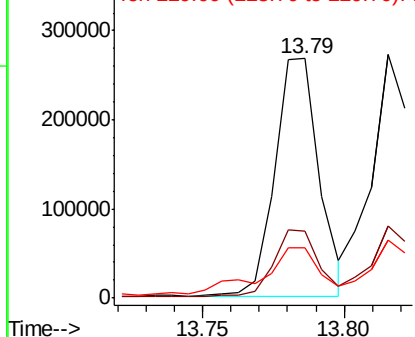


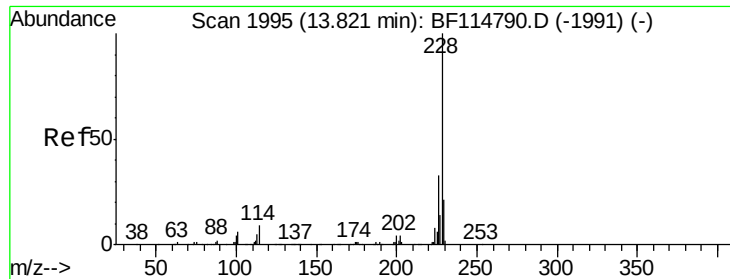
Abundance

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





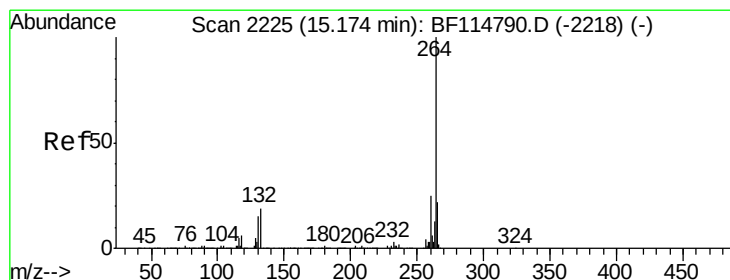
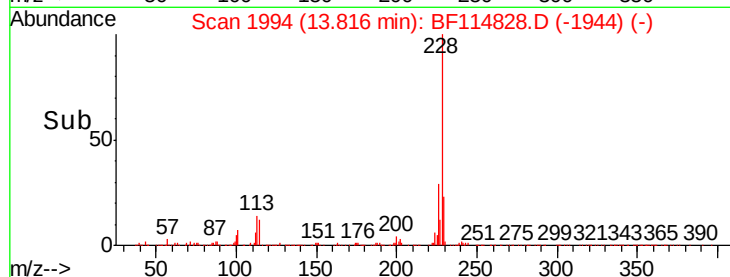
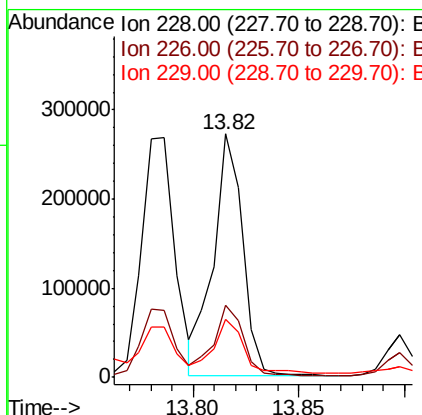
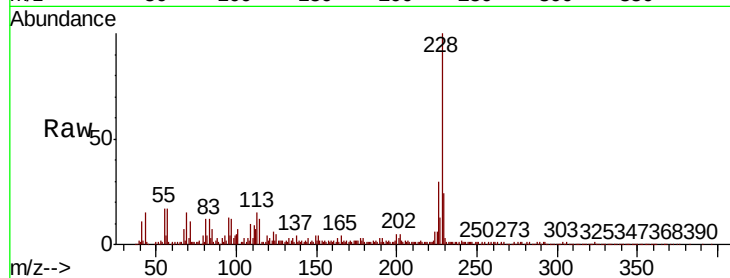
#83
Chrysene
Concen: 3.618 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF114828.D
Acq: 5 Jun 2019 19:54

Instrument :
BNA_F
ClientSampleId :
2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	29.6	26.0	39.0		
229	23.6	17.1	25.7		

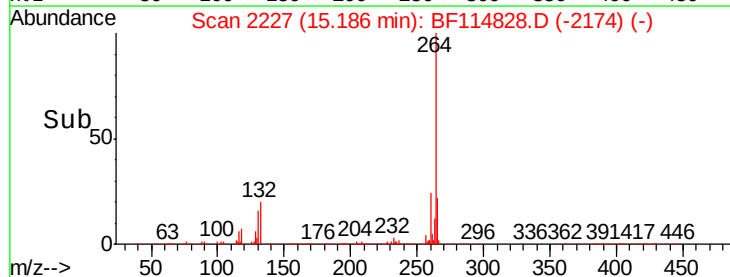
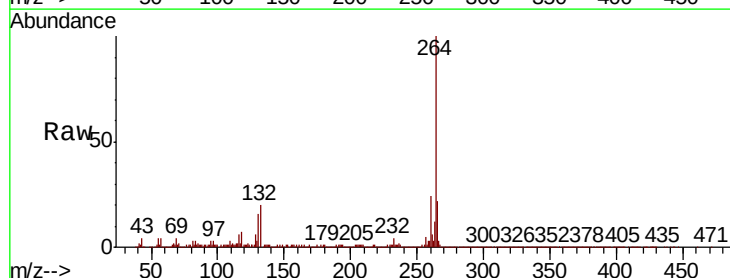
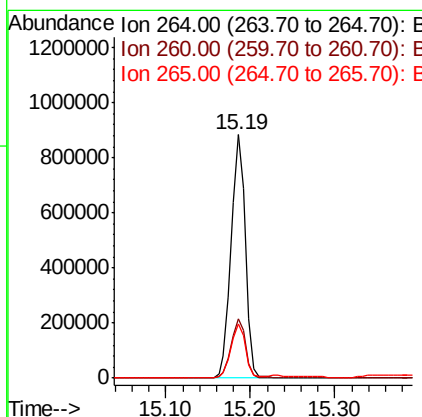
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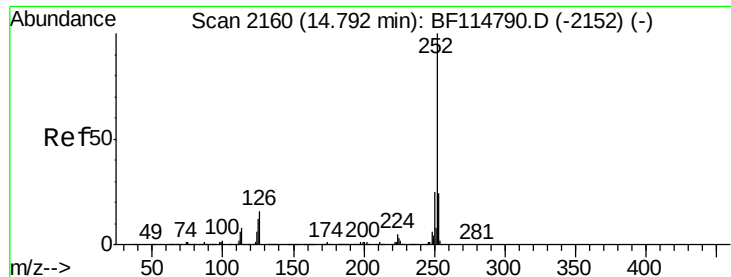
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF114828.D
Acq: 5 Jun 2019 19:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.3	20.1	30.1		
265	22.3	17.7	26.5		





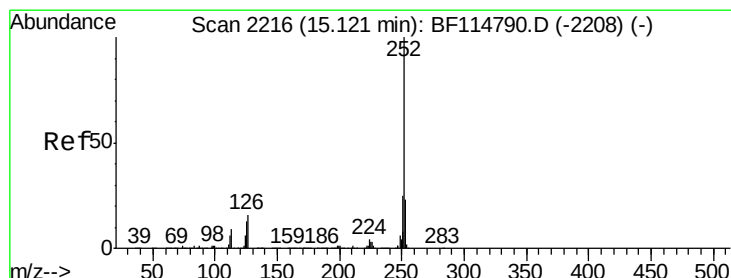
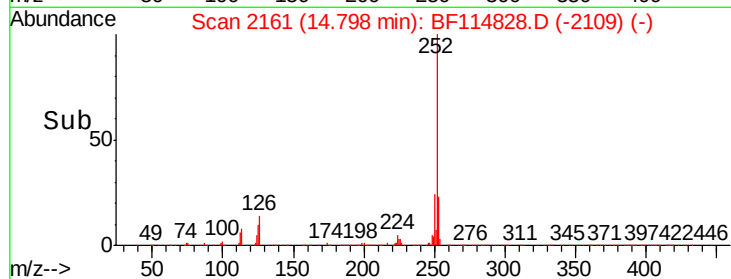
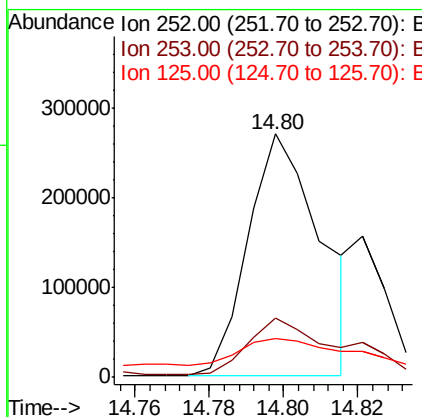
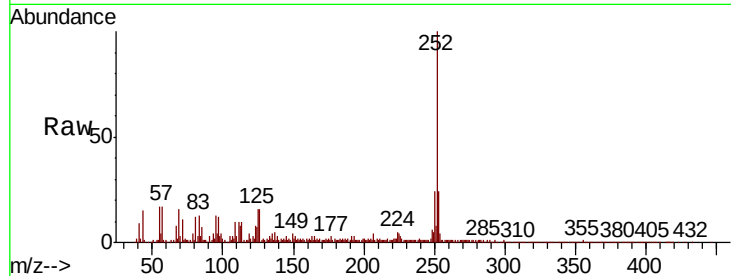
#88
Benzo(b)fluoranthene
Concen: 5.689 ng m
RT: 14.80 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF114828.D
Acq: 5 Jun 2019 19:54

Instrument :
BNA_F
ClientSampleId :
2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.0	28.6
125	16.2	9.4	14.0

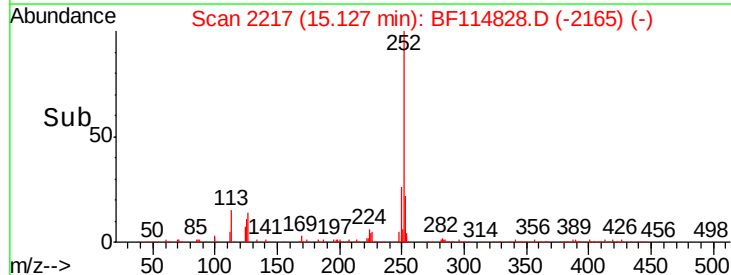
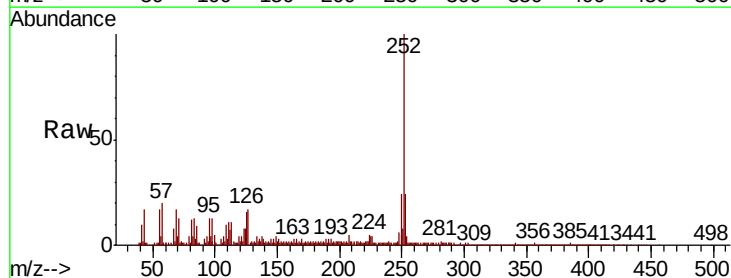
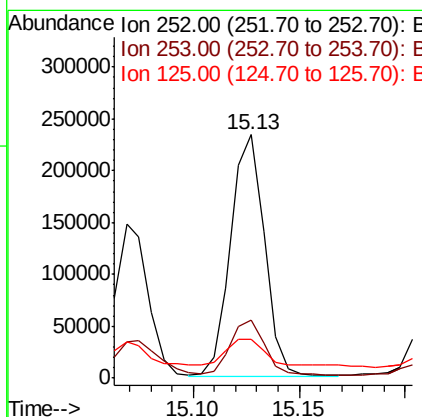
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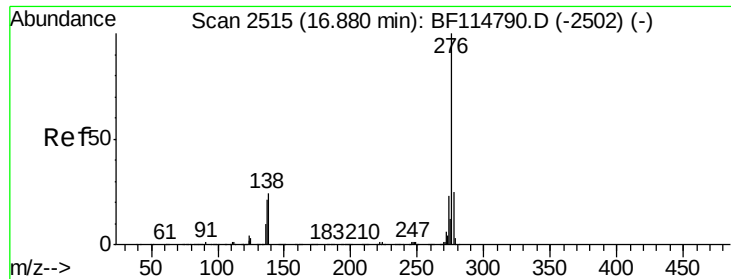
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#90
Benzo(a)pyrene
Concen: 4.630 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF114828.D
Acq: 5 Jun 2019 19:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	15.9	10.1	15.1





#92
 Benzo(a,h,i)perylene
 Concen: 2.593 ng
 RT: 16.88 min Scan# 2515
 Delta R.T. 0.00 min
 Lab File: BF114828.D
 Acq: 5 Jun 2019 19:54

Instrument :
 BNA_F
 ClientSampleId :
 2019

Tot Ion:	276	Resp:	137785
Ion Ratio	Lower	Upper	
276	100		
277	24.7	19.8	29.6
138	26.8	19.4	29.2

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