

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
 Data File : BF115445.D
 Acq On : 9 Jul 2019 20:46
 Operator : HP/JU
 Sample : K3703-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-015-ABCD

Manual Integrations
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Quant Time: Jul 10 04:44:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:29:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	173588	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	674758	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	339412	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	639348	20.00	ng	0.00
76) Chrysene-d12	14.13	240	382528	20.00	ng	-0.09
87) Perylene-d12	15.73	264	458113	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	913961	81.35	ng	0.00
7) Phenol-d6	6.52	99	1205431	84.36	ng	0.00
23) Nitrobenzene-d5	7.45	82	751383	65.79	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	337325	89.89	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1344249	69.50	ng	0.00
79) Terphenyl-d14	13.01	244	1384198	74.09	ng	-0.03
Target Compounds						Qvalue
50) Dimethylphthalate	9.64	163	289962	11.382	ng	99
71) Phenanthrene	11.43	178	67494	2.007	ng	99
75) Fluoranthene	12.62	202	126146	3.563	ng	100
78) Pyrene	12.86	202	122553	4.120	ng	97
81) Benzo(a)anthracene	14.12	228	56984	2.325	ng	96
83) Chrysene	14.16	228	60175	2.389	ng	95
88) Benzo(b)fluoranthene	15.29	252	92054m	3.086	ng	
90) Benzo(a)pyrene	15.66	252	63592	2.472	ng	99
92) Benzo(g,h,i)perylene	17.67	276	50610	2.432	ng	99

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

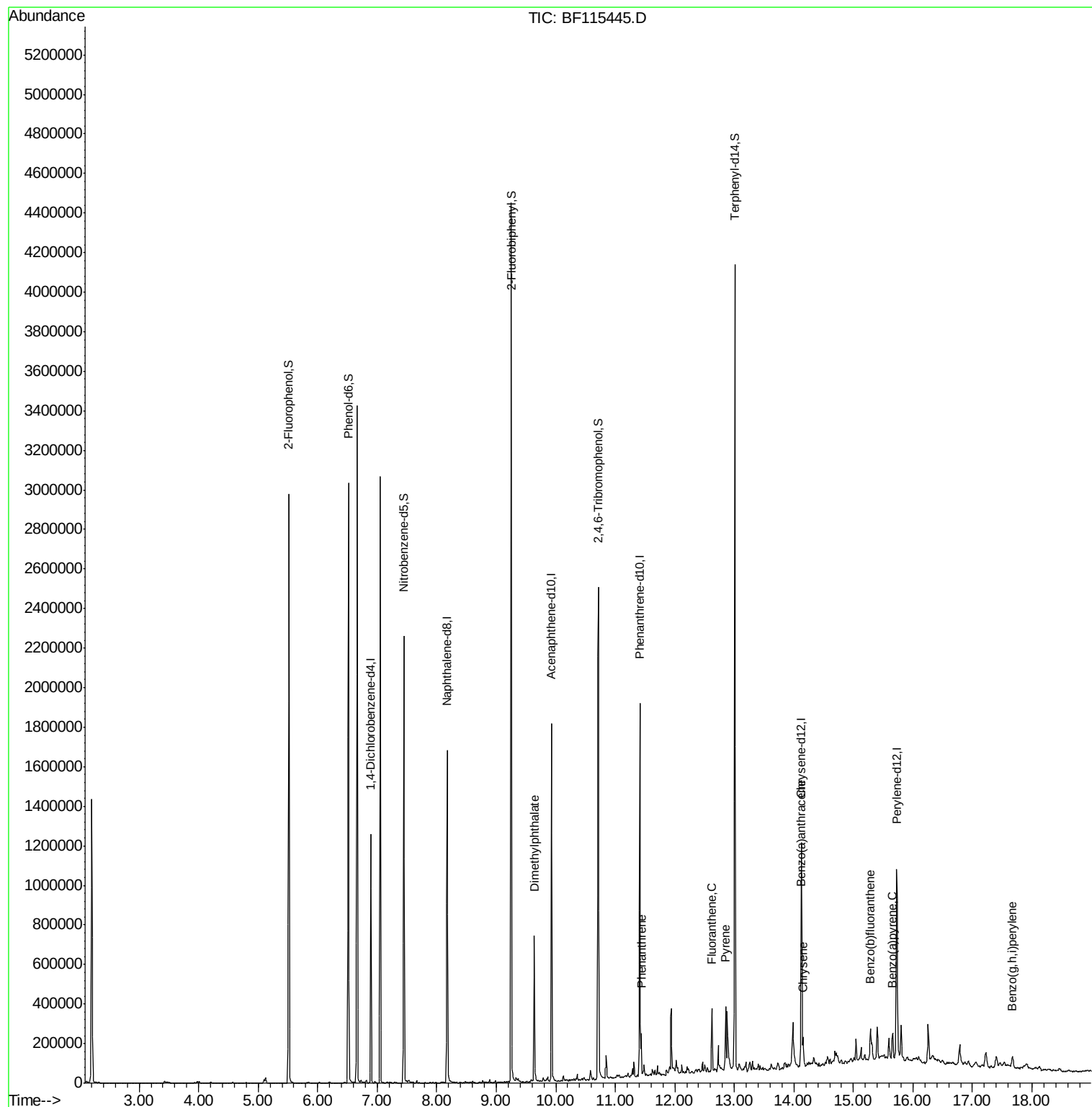
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115445.D
Acq On : 9 Jul 2019 20:46
Operator : HP/JU
Sample : K3703-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

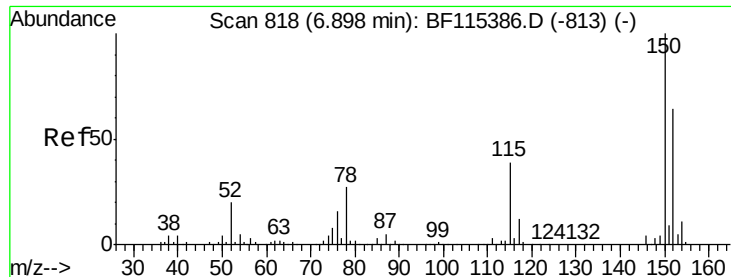
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-015-ABCD

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#1

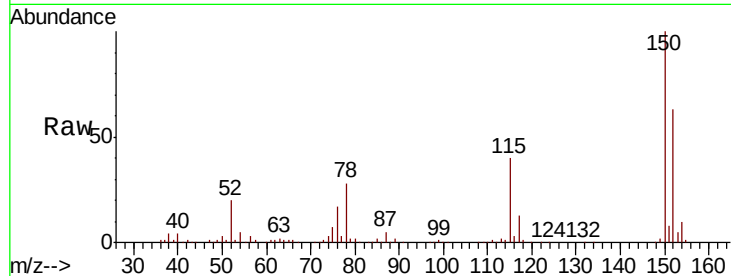
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115445.D
 Acq: 9 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-015-ABCD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.5	189.7
115	62.7	48.6	73.0

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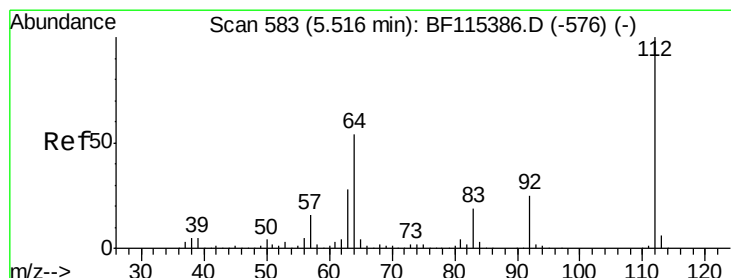
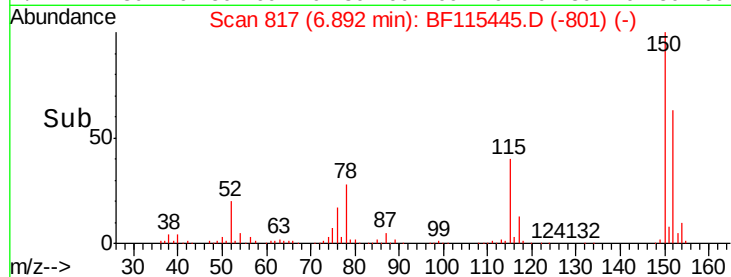
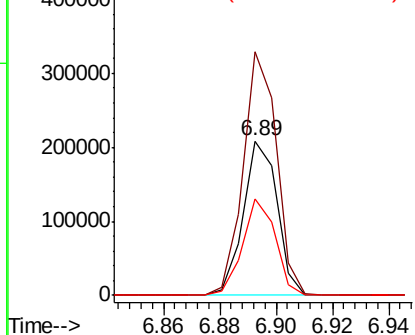


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

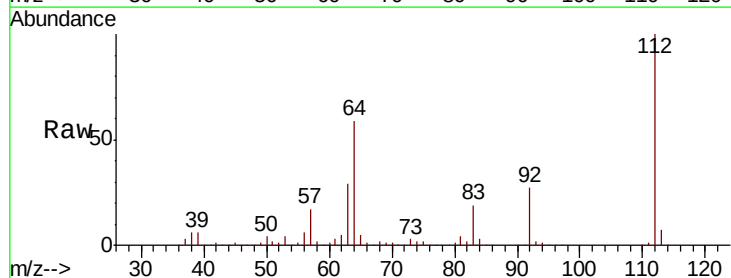
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 81.348 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF115445.D
 Acq: 9 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.0	70.4
63	29.4	23.7	35.5

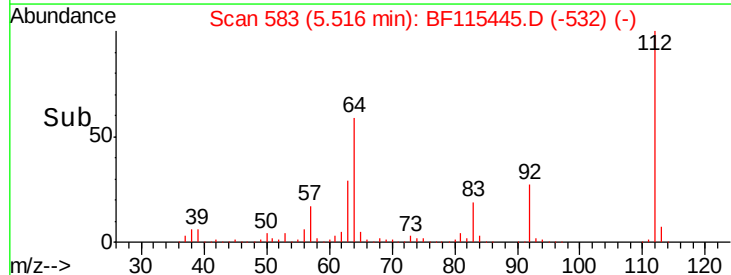
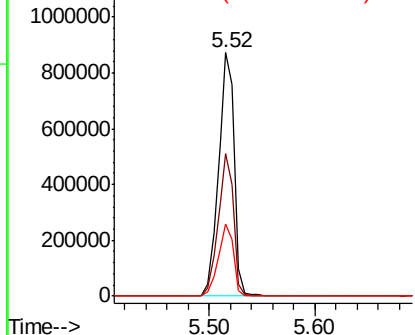


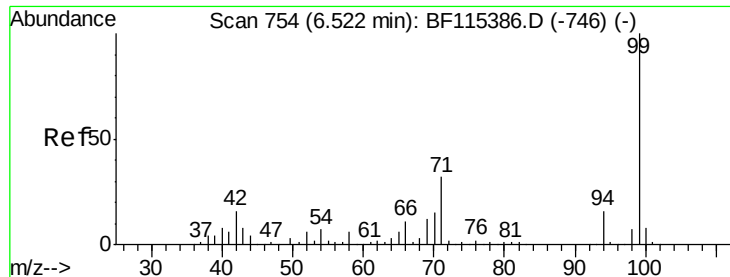
Abundance

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: 84.361 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115445.D

Acq: 9 Jul 2019 20:46

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-015-ABCD

Tot Ion: 99 Resp: 1205431

Ion Ratio Lower Upper

99 100

42 15.6 12.7 19.1

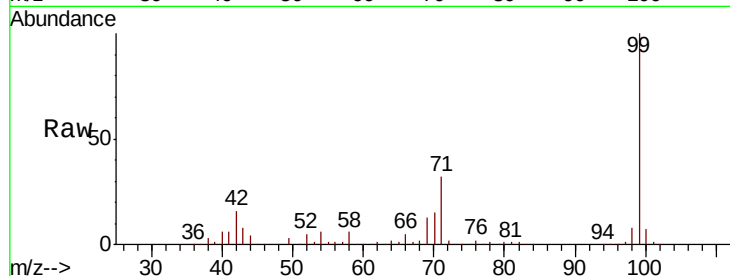
71 32.3 26.2 39.2

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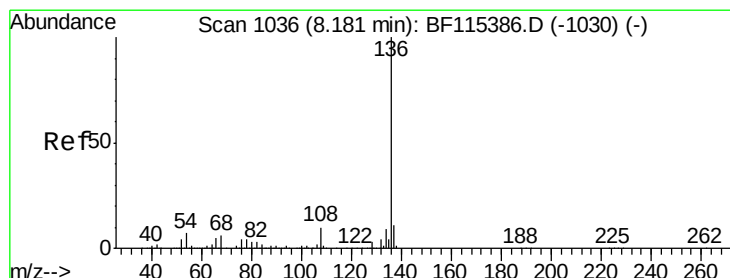
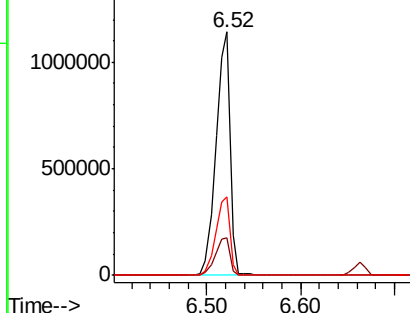
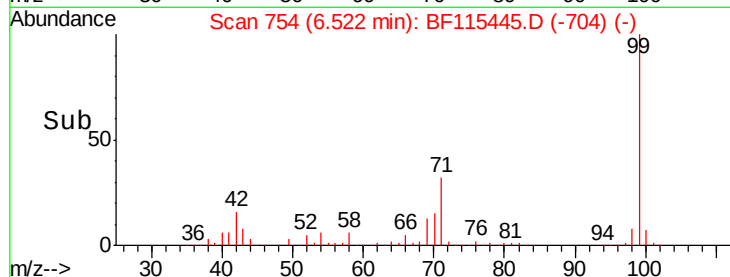
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115445.D

Acq: 9 Jul 2019 20:46

Tgt Ion: 136 Resp: 674758

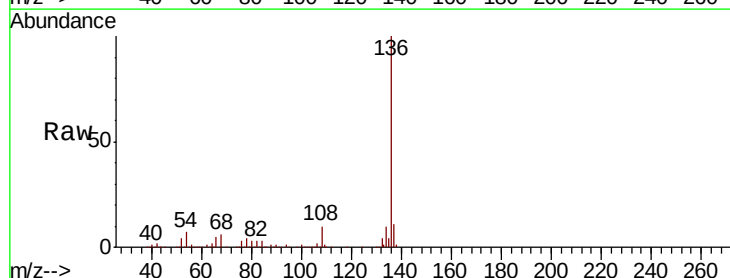
Ion Ratio Lower Upper

136 100

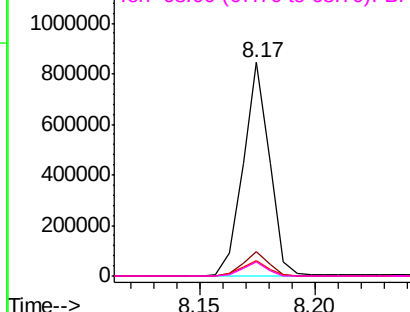
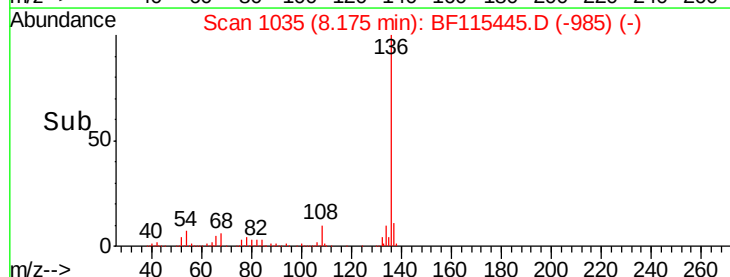
137 11.1 8.9 13.3

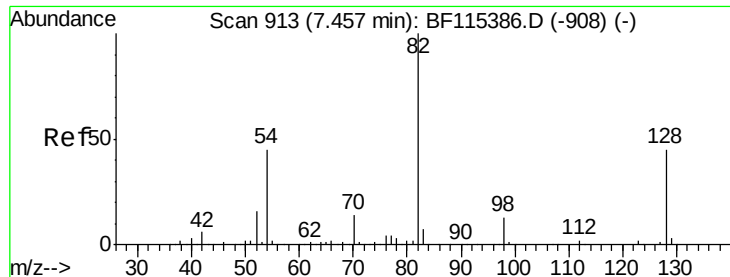
54 6.9 5.5 8.3

68 6.3 5.1 7.7



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





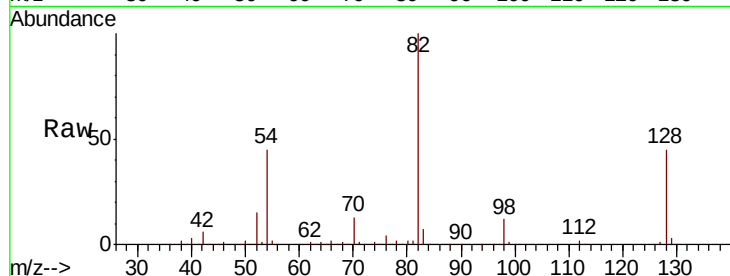
#23
 Nitrobenzene-d5
 Concen: 65.793 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115445.D
 Acq: 9 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-015-ABCD

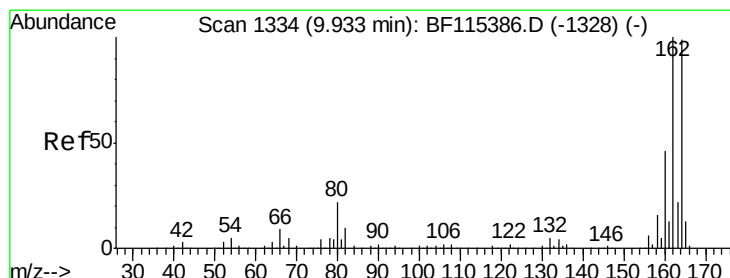
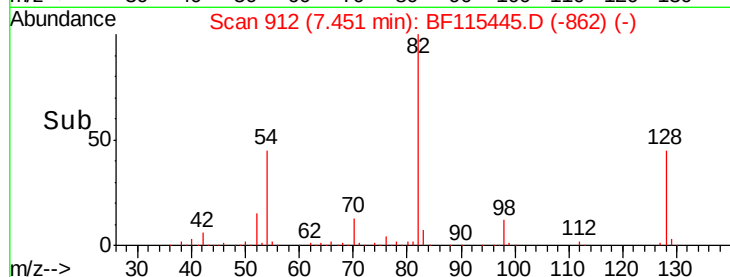
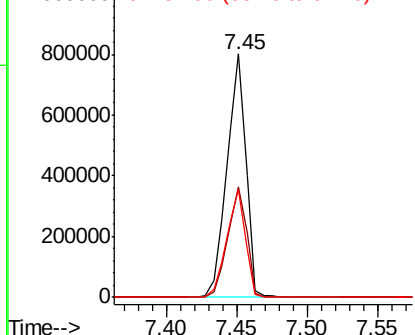
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.2	54.4
54	44.5	35.4	53.0

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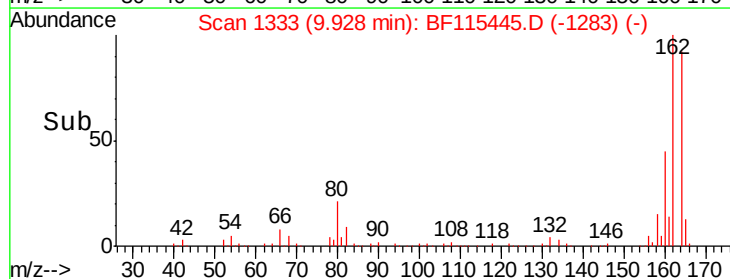
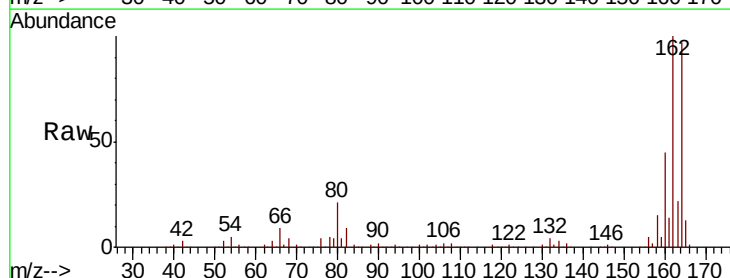
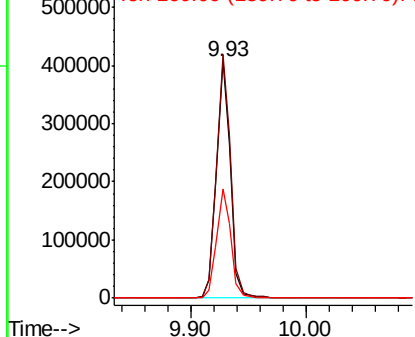
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

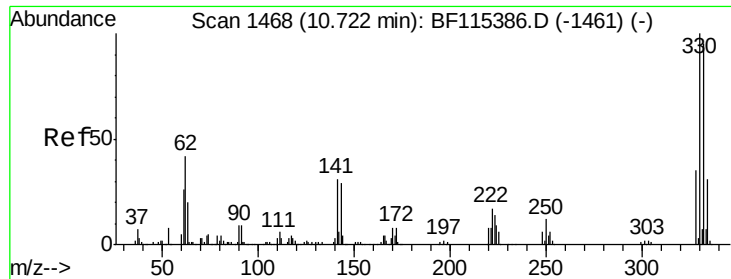


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115445.D
 Acq: 9 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.5	122.3
160	46.0	36.6	55.0

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





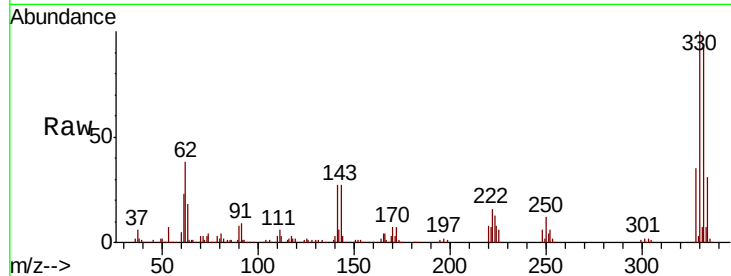
#42
 2,4,6-Tribromophenol
 Concen: 89.887 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115445.D
 Acq: 9 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-015-ABCD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	30.9	25.1	37.7

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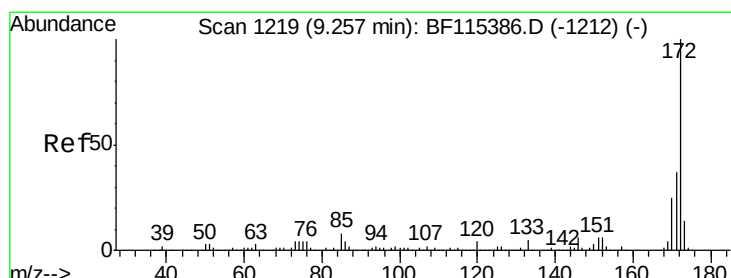
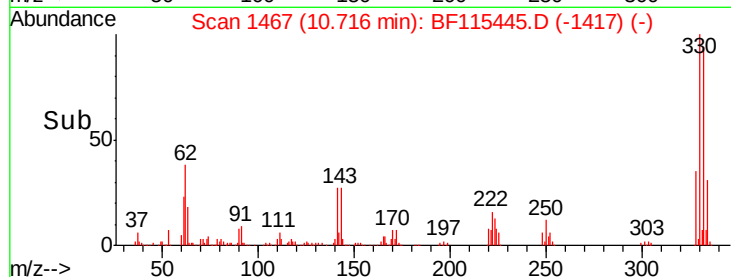
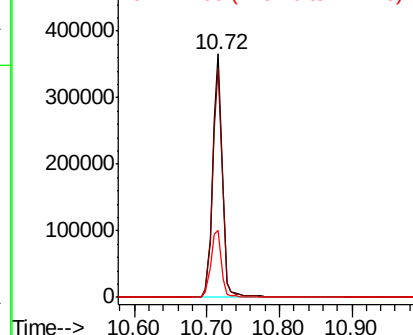


Abundance

Ion 329.80 (329.50 to 330.50): E

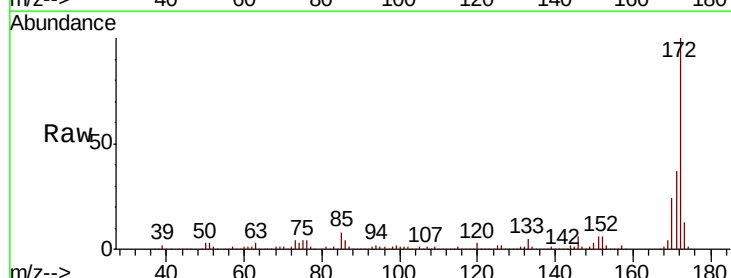
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.497 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115445.D
 Acq: 9 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.8
170	24.5	19.8	29.6

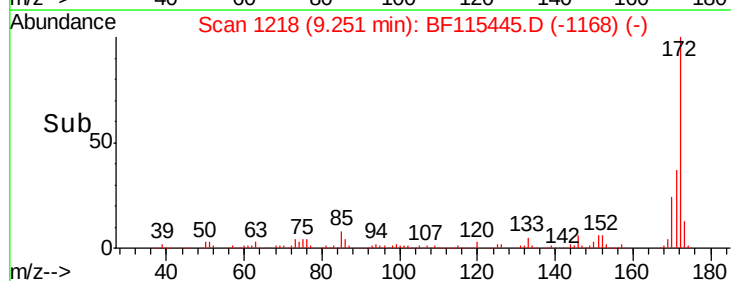
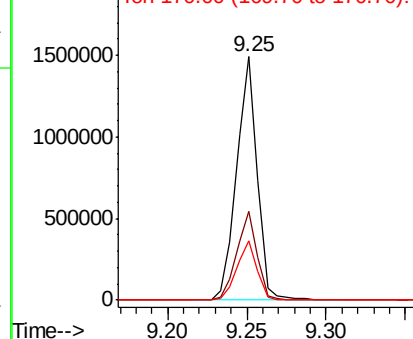


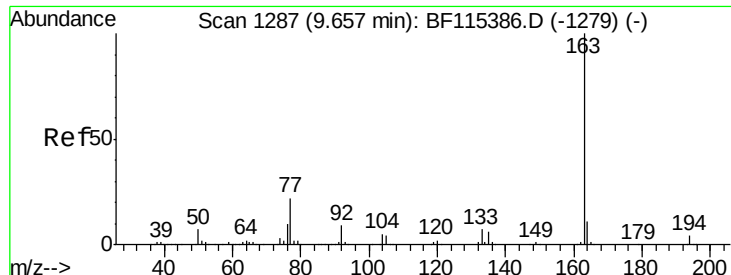
Abundance

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





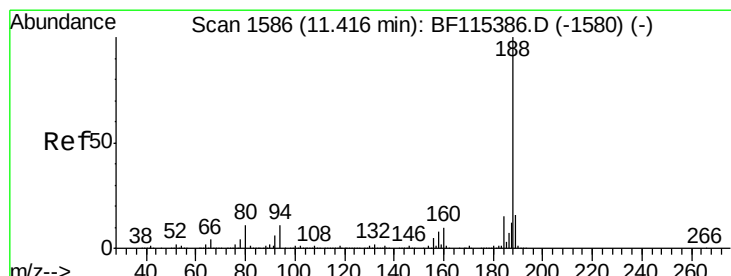
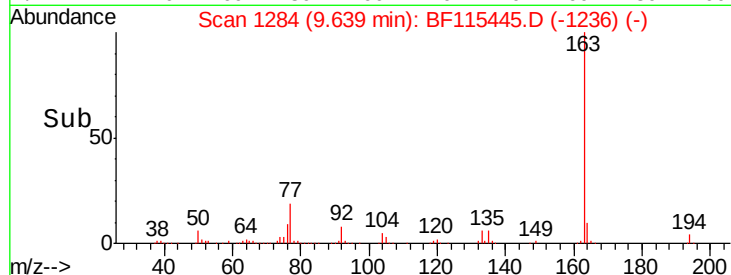
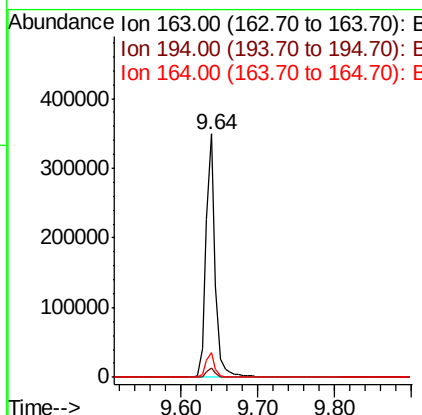
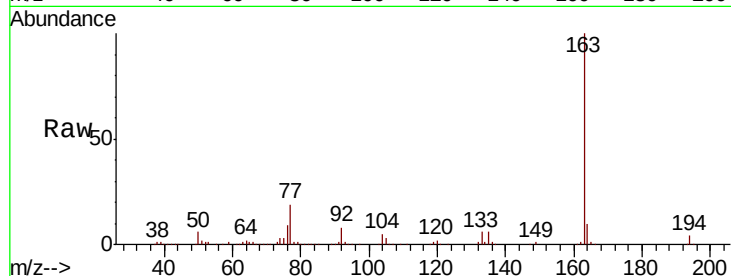
#50
Dimethylphthalate
Concen: 11.382 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115445.D
Acq: 9 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-015-ABCD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	289962		
194	3.9		3.3	4.9
164	10.2		8.5	12.7

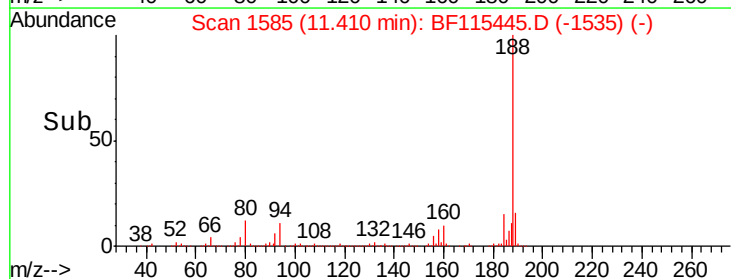
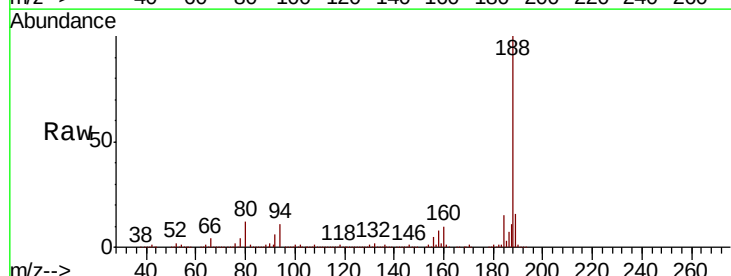
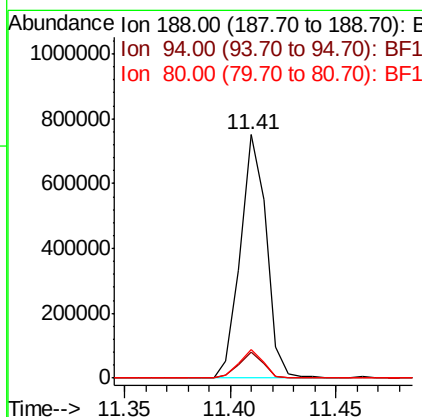
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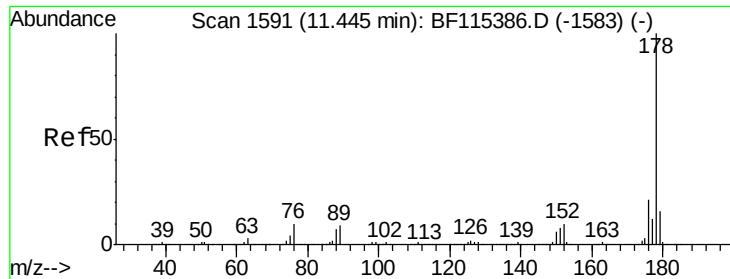
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF115445.D
Acq: 9 Jul 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	639348		
94	10.9		8.1	12.1
80	11.7		8.6	13.0





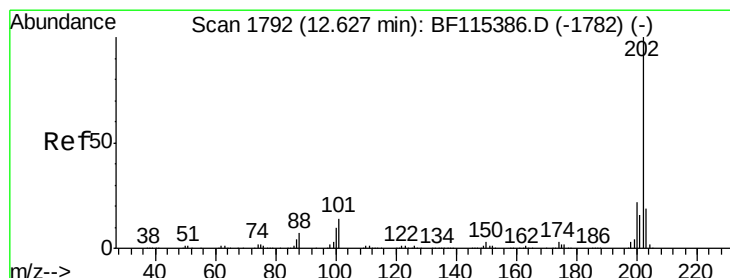
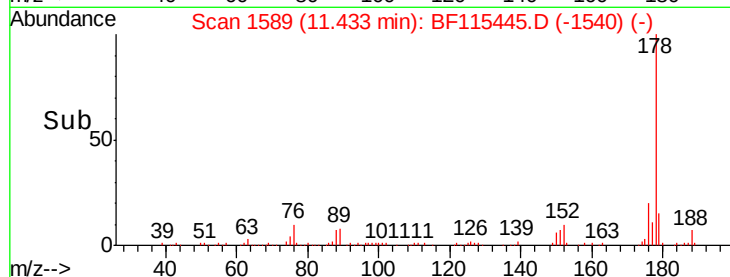
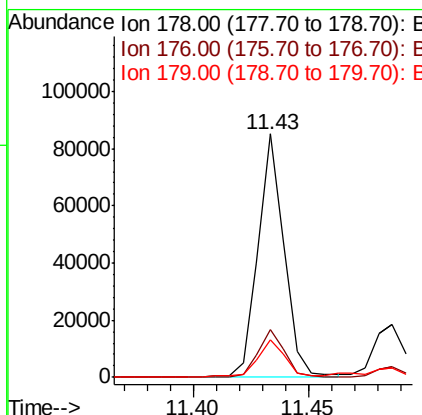
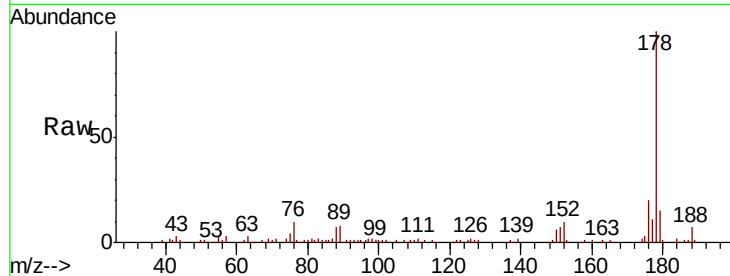
#71
Phenanthrene
Concen: 2.007 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115445.D
Acq: 9 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-015-ABCD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.2
179	15.4	12.9	19.3

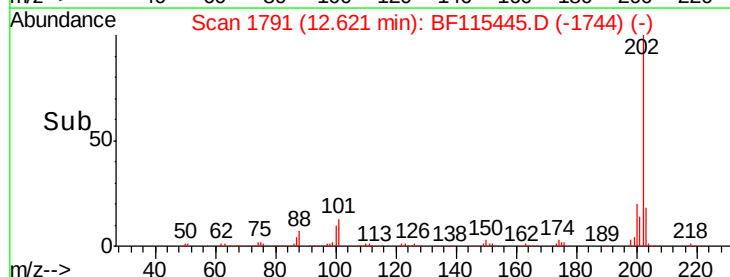
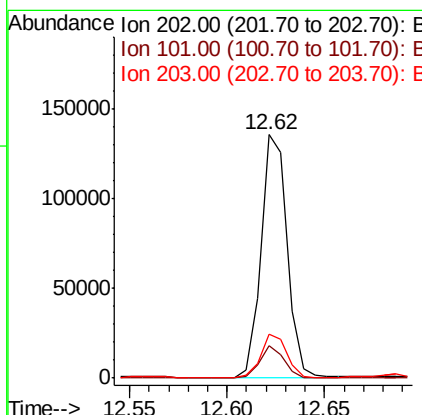
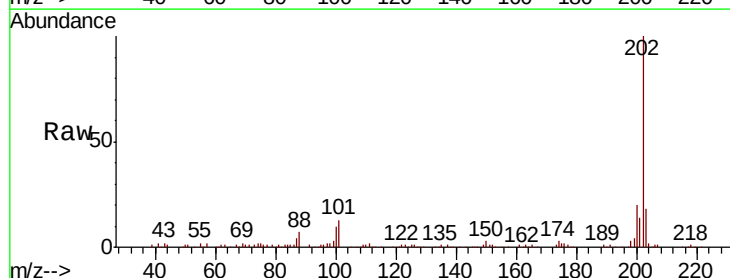
Manual Integrations
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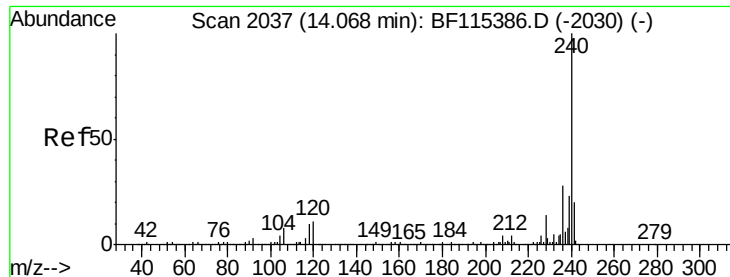
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#75
Fluoranthene
Concen: 3.563 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BF115445.D
Acq: 9 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.8
203	18.1	0.0	38.1





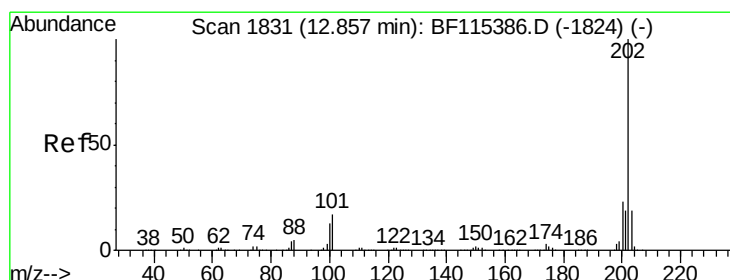
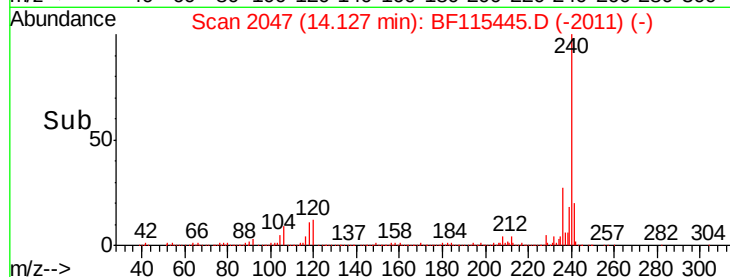
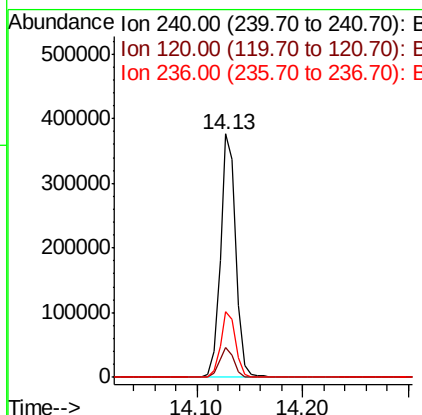
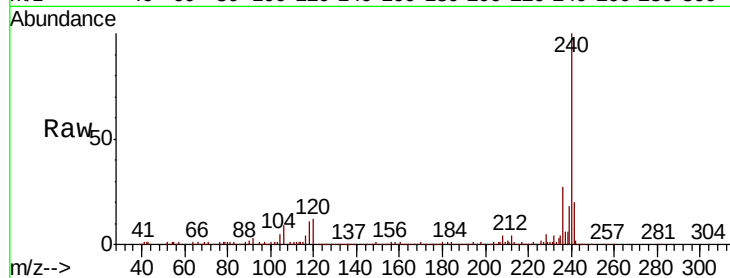
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.09 min
Lab File: BF115445.D
Acq: 9 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-015-ABCD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.6	14.4
236	26.7	21.6	32.4

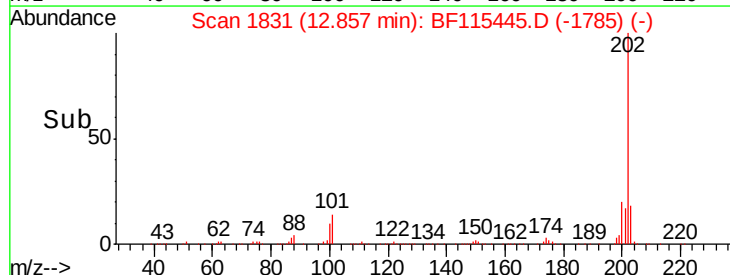
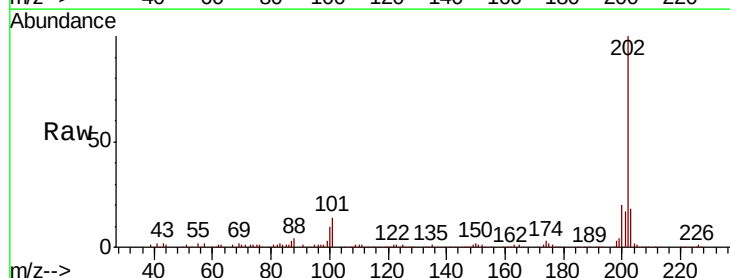
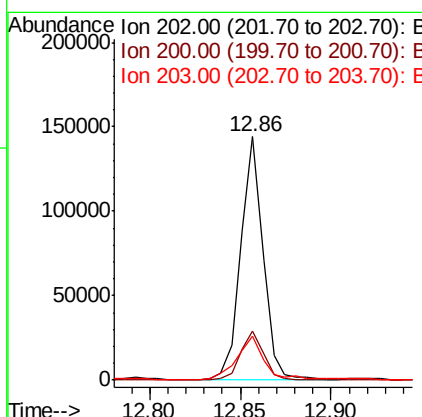
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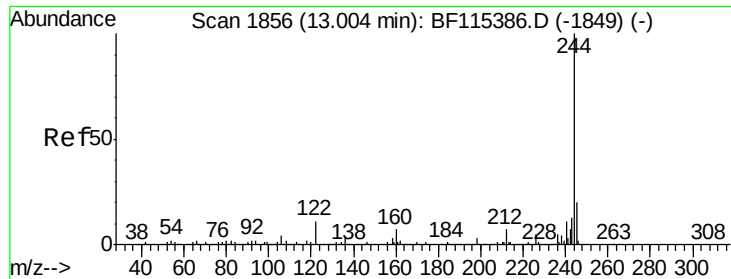
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#78
Pyrene
Concen: 4.120 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BF115445.D
Acq: 9 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	18.2	27.4
203	17.9	14.7	22.1





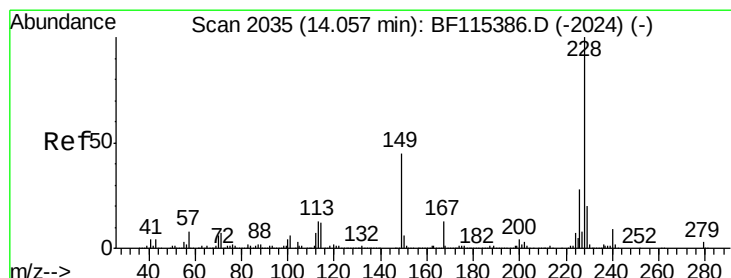
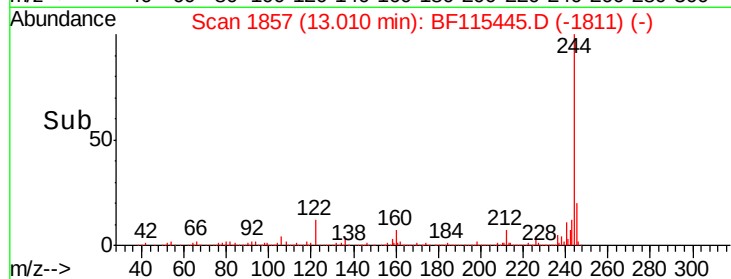
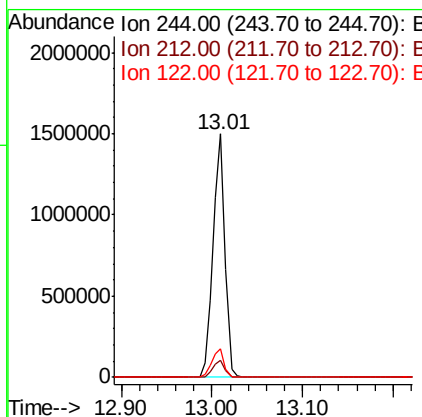
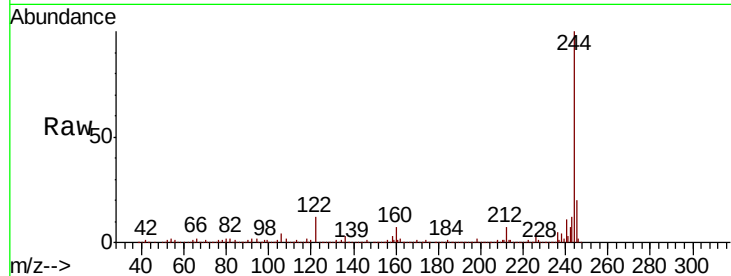
#79
 Terphenyl-d14
 Concen: 74.090 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.03 min
 Lab File: BF115445.D
 Acq: 9 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-015-ABCD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.5	9.3	13.9

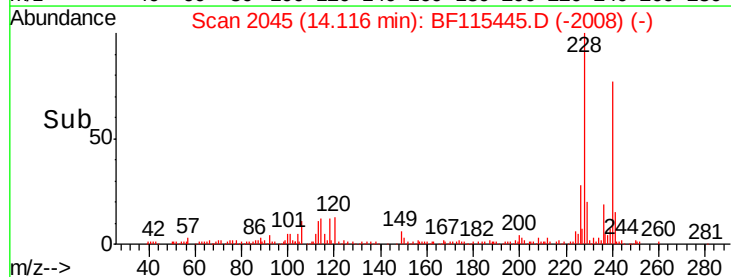
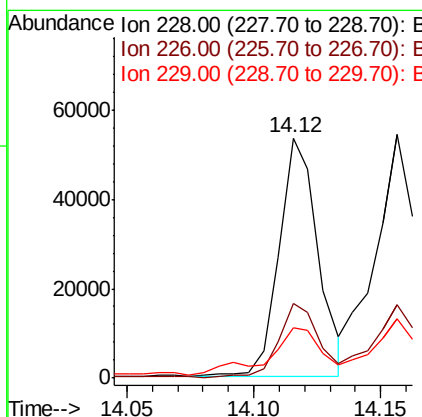
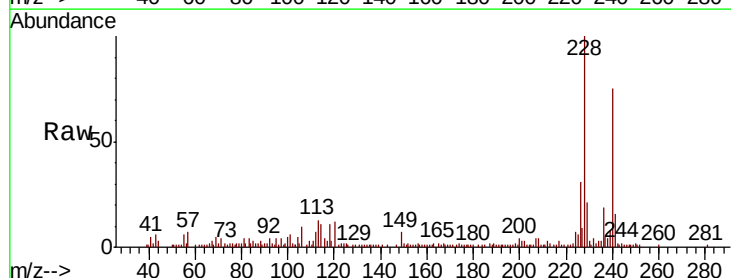
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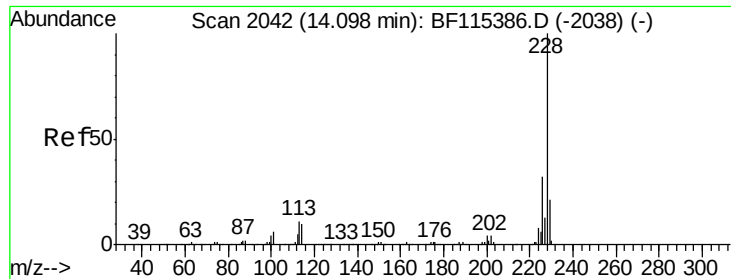
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#81
 Benzo(a)anthracene
 Concen: 2.325 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.08 min
 Lab File: BF115445.D
 Acq: 9 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.5	33.7
229	20.9	16.4	24.6





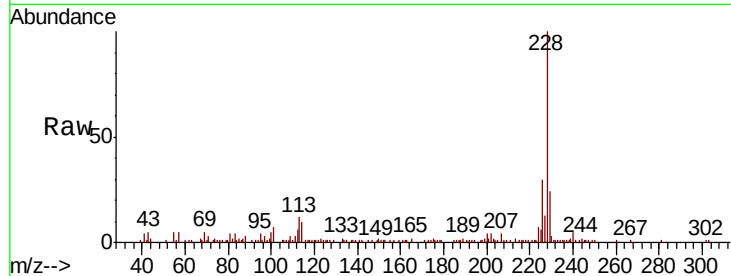
#83
Chrysene
Concen: 2.389 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.09 min
Lab File: BF115445.D
Acq: 9 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-015-ABCD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.4
229	24.3	16.2	24.4

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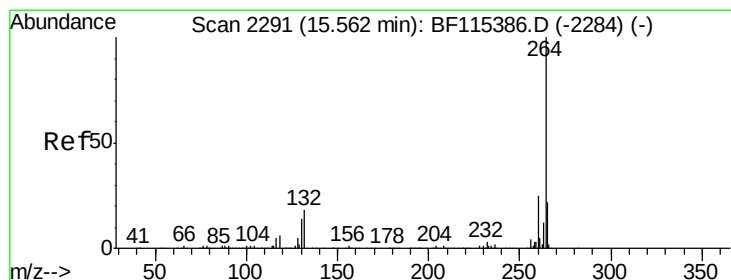
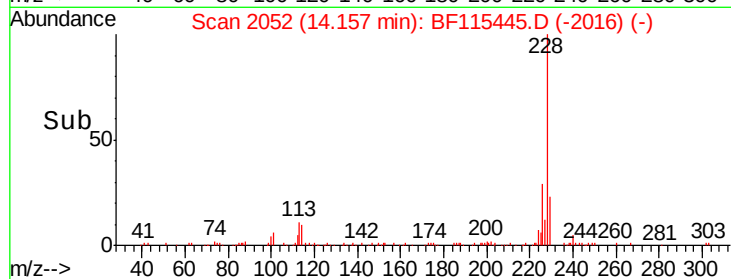
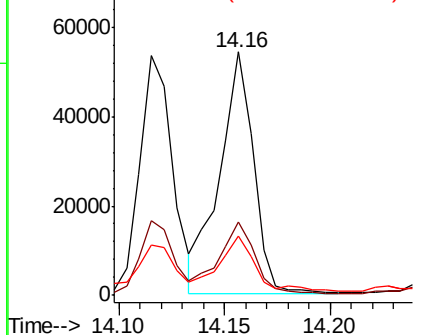


Abundance

Ion 228.00 (227.70 to 228.70): E

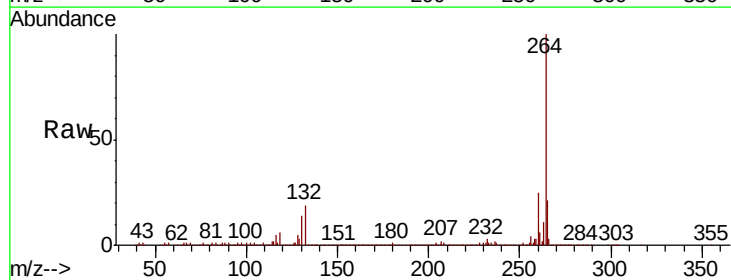
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.73 min Scan# 2319
Delta R.T. -0.15 min
Lab File: BF115445.D
Acq: 9 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.5	17.2	25.8

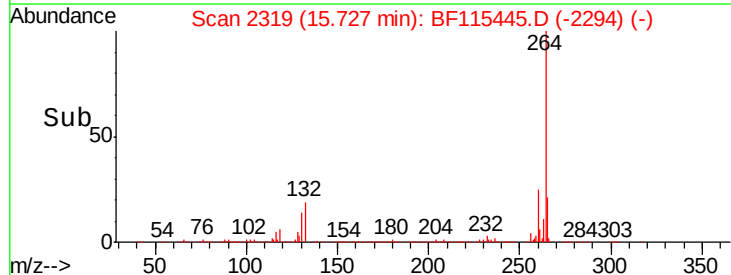
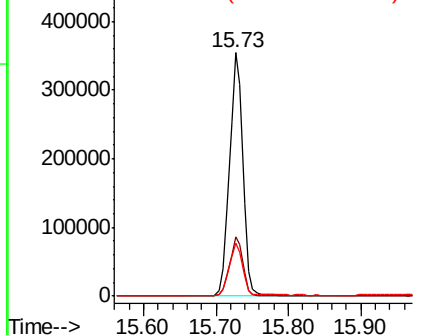


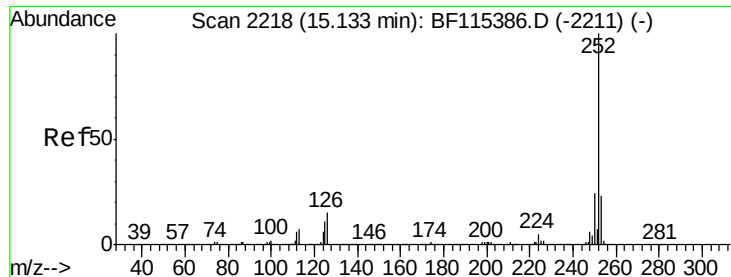
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





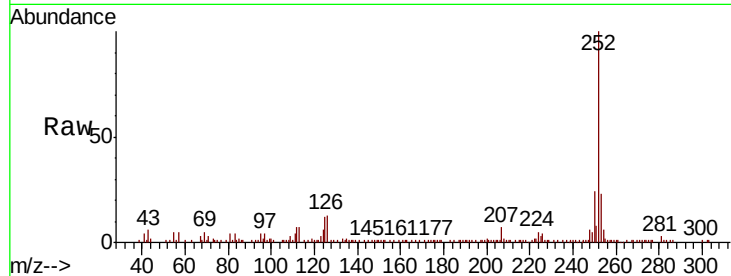
#88
Benzo(b)fluoranthene
Concen: 3.086 ng m
RT: 15.29 min Scan# 2244
Delta R.T. -0.15 min
Lab File: BF115445.D
Acq: 9 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-015-ABCD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	11.8	9.0	13.6

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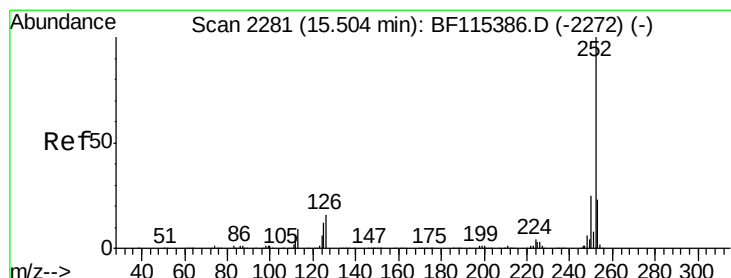
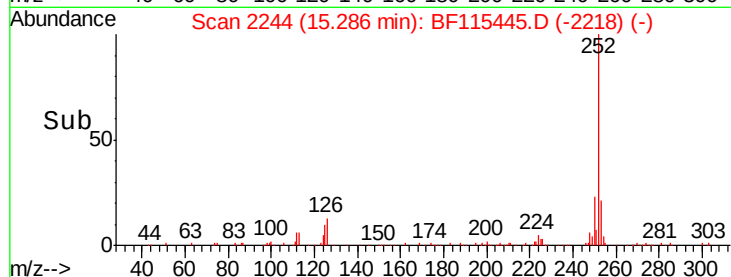
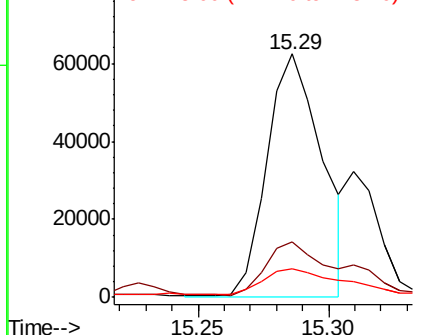


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.472 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.15 min
Lab File: BF115445.D
Acq: 9 Jul 2019 20:46

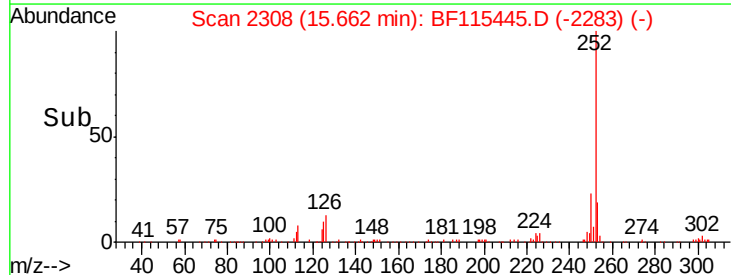
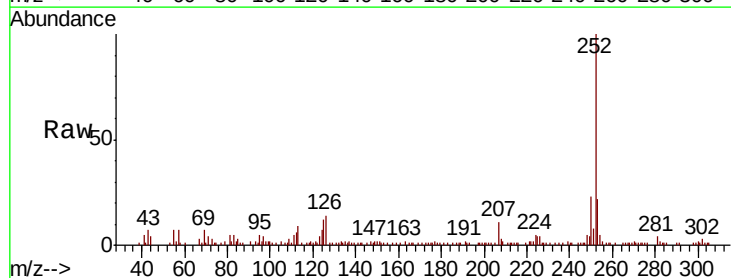
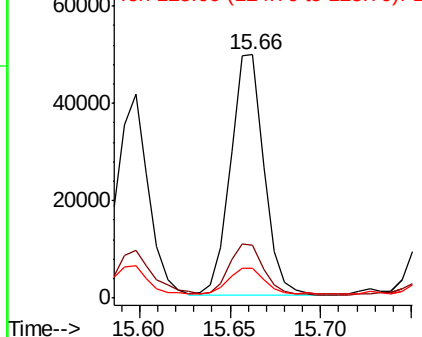
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	12.0	10.0	15.0

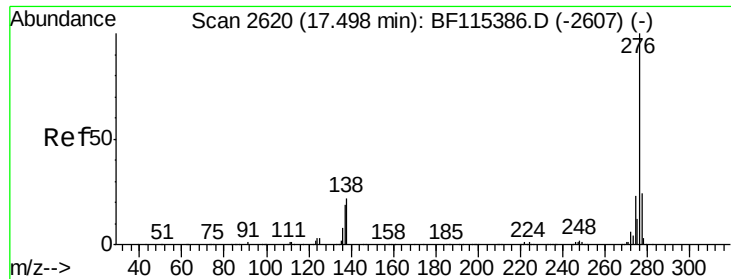
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 2.432 ng
 RT: 17.67 min Scan# 2650
 Delta R.T. -0.18 min
 Lab File: BF115445.D
 Acq: 9 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-015-ABCD

Tot Ion:	276	Resp:	50610
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.9	28.3
138	23.0	17.8	26.8

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