

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115426.D
 Acq On : 9 Jul 2019 00:44
 Operator : HP/JU
 Sample : K3681-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-07-01-19

Manual Integrations
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mohammad
 7/10/2019 9:04:38 AM

Quant Time: Jul 09 07:44:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	182646	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	731421	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	381045	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	714080	20.00	ng	0.00
76) Chrysene-d12	14.04	240	427499	20.00	ng	-0.03
87) Perylene-d12	15.51	264	456148	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1103002	93.30	ng	0.00
7) Phenol-d6	6.52	99	1481404	98.53	ng	0.00
23) Nitrobenzene-d5	7.45	82	906969	73.26	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	366254	86.93	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1550075	71.38	ng	0.00
79) Terphenyl-d14	12.99	244	1548599	74.17	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.64	163	242849	8.491	ng	99
71) Phenanthrene	11.43	178	128654	3.426	ng	96
75) Fluoranthene	12.62	202	232928	5.891	ng	96
78) Pyrene	12.85	202	206878	6.223	ng	98
81) Benzo(a)anthracene	14.03	228	92137	3.364	ng	100
83) Chrysene	14.06	228	92493	3.286	ng	96
88) Benzo(b)fluoranthene	15.08	252	123495m	4.158	ng	
90) Benzo(a)pyrene	15.44	252	78929	3.081	ng	98
92) Benzo(g,h,i)perylene	17.42	276	51204	2.471	ng	98

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

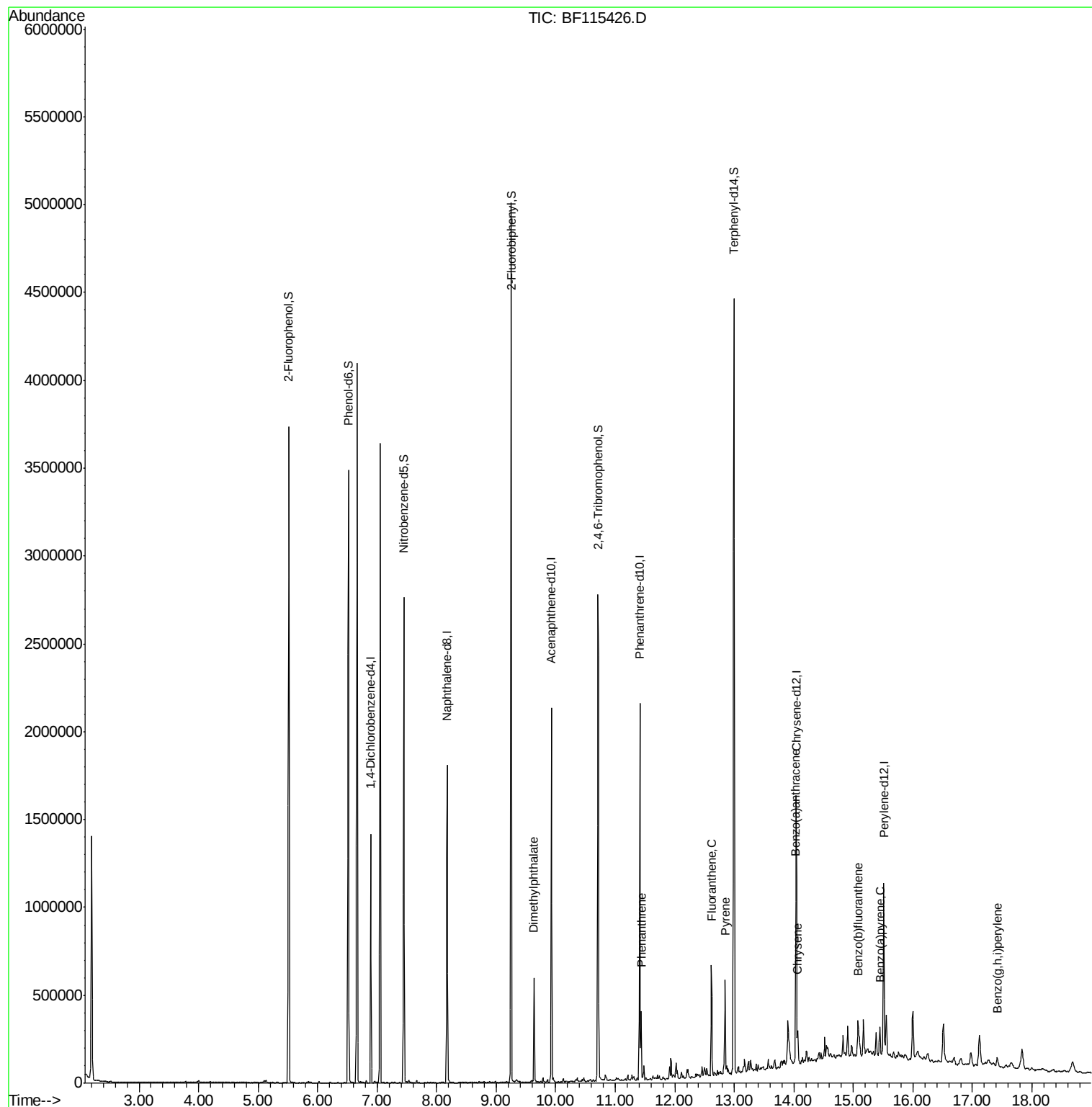
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115426.D
Acq On : 9 Jul 2019 00:44
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Misc :
ALS Vial : 17 Sample Multiplier: 1

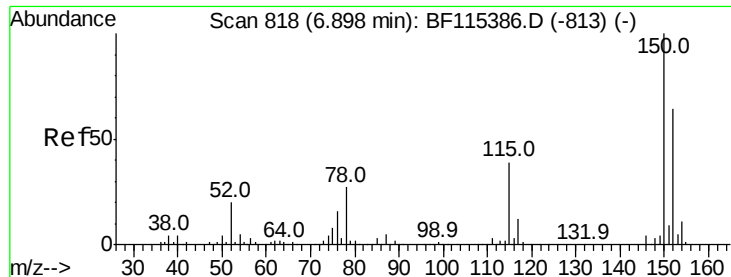
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-07-01-19

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
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#1

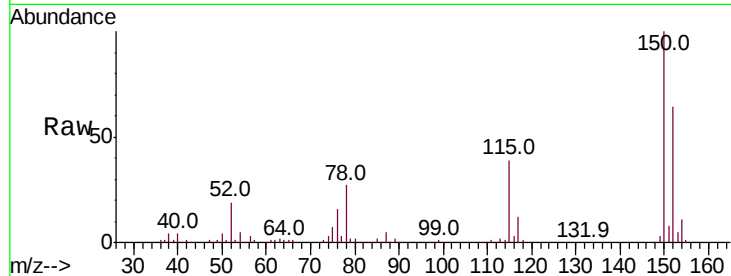
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115426.D
Acq: 9 Jul 2019 00:44

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-07-01-19

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.7	187.1
115	61.6	48.1	72.1

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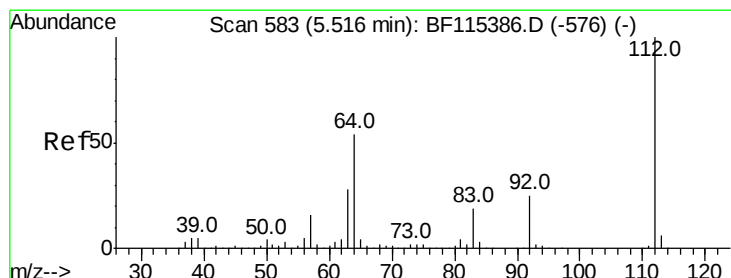
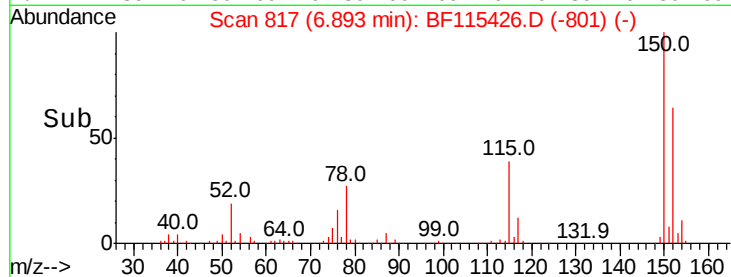
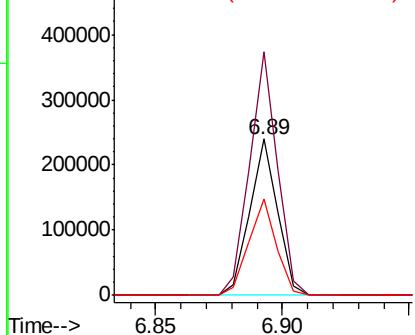


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

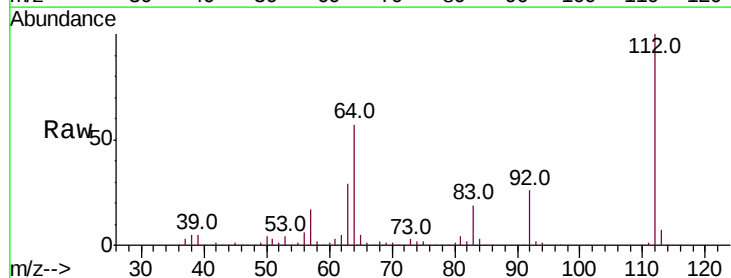
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.305 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF115426.D
Acq: 9 Jul 2019 00:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	43.0	64.6
63	29.2	22.2	33.2

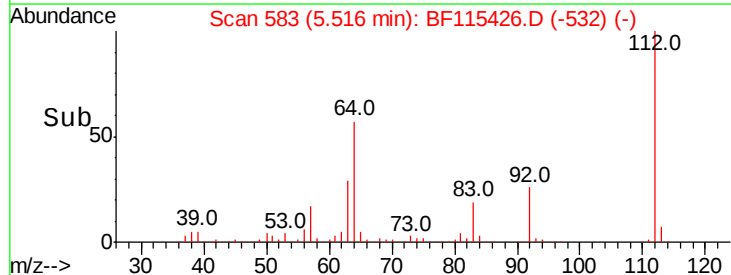
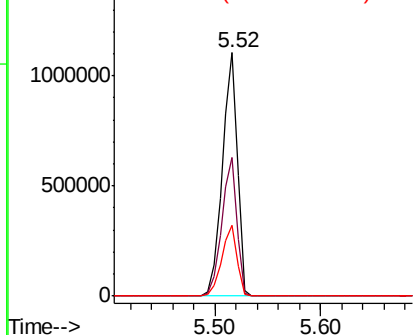


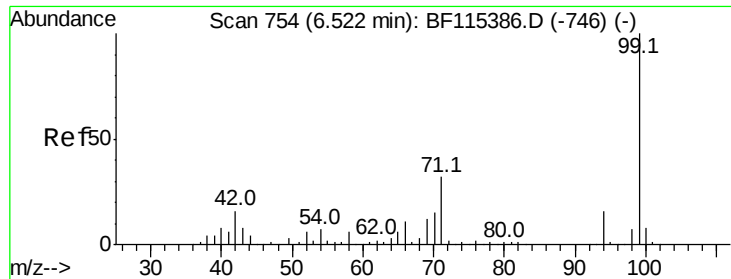
Abundance

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: 98.534 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115426.D

Acq: 9 Jul 2019 00:44

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-07-01-19

Tot Ion: 99 Resp: 1481404

Ion Ratio Lower Upper

99 100

42 16.8 13.1 19.7

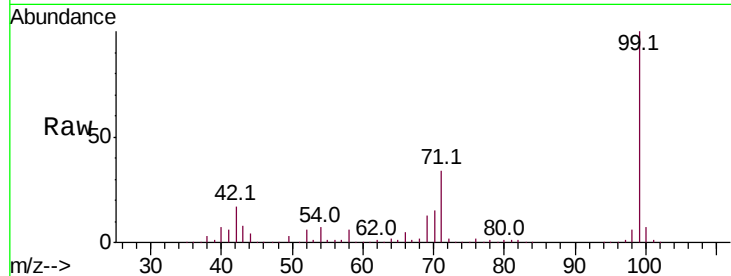
71 33.8 25.9 38.9

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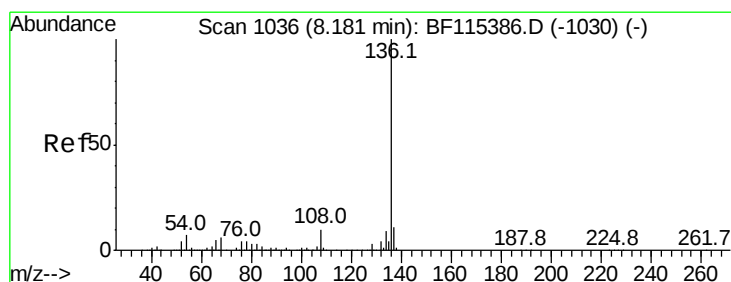
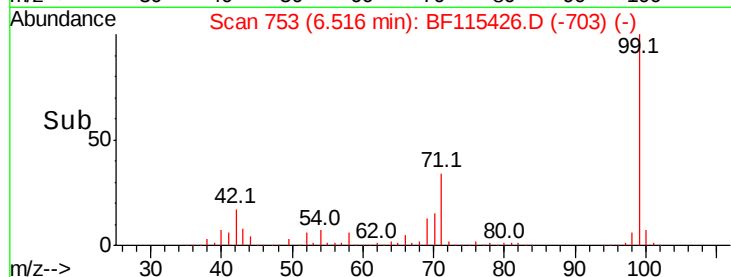
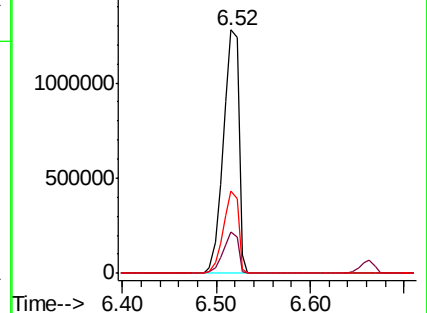
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF115426.D

Acq: 9 Jul 2019 00:44

Tgt Ion: 136 Resp: 731421

Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.0 5.6 8.4

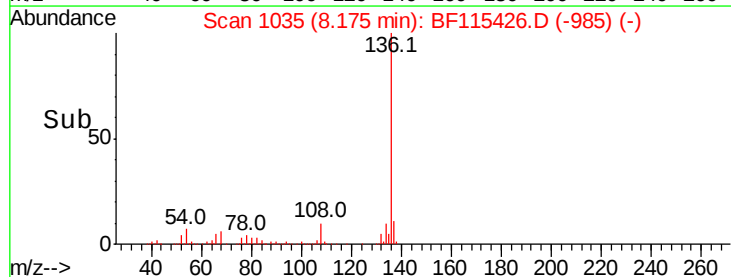
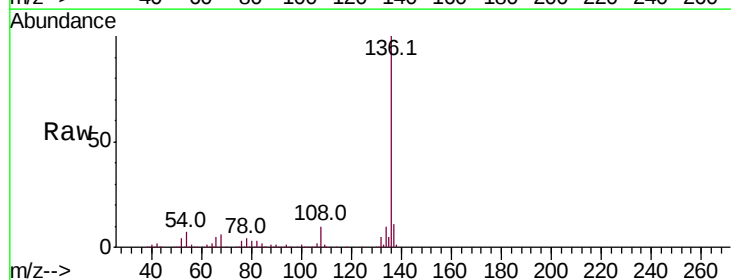
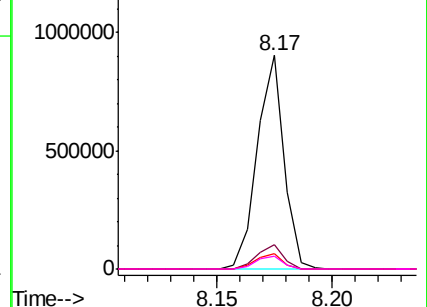
68 6.3 4.9 7.3

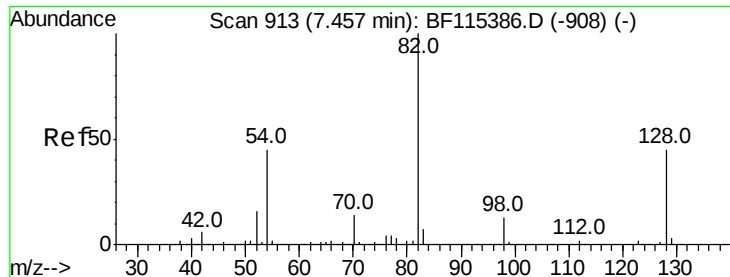
Abundance Ion 136.00 (135.70 to 136.70): E

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





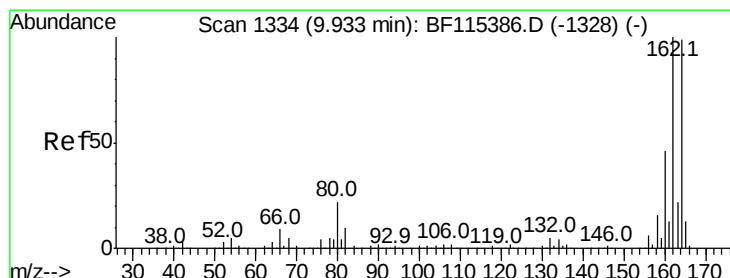
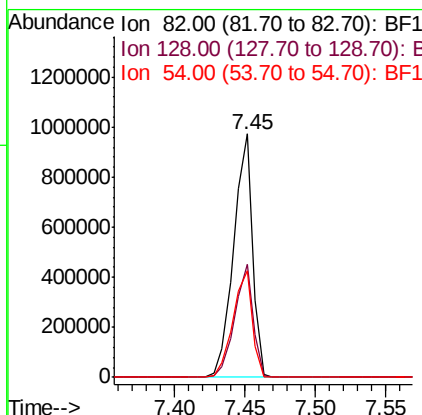
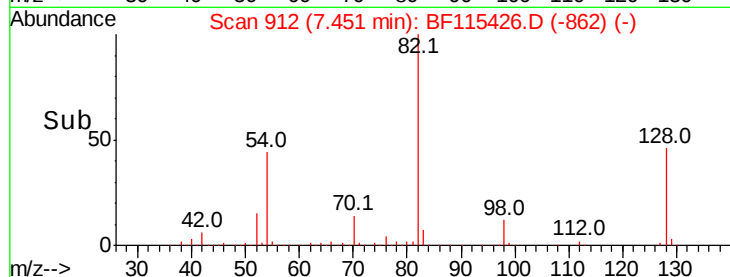
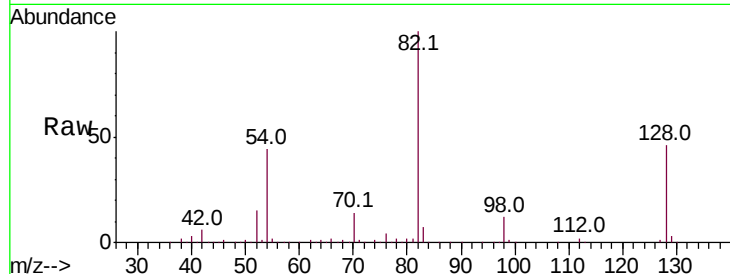
#23
 Nitrobenzene-d5
 Concen: 73.264 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115426.D
 Acq: 9 Jul 2019 00:44

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-07-01-19

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.7	53.5
54	44.0	36.3	54.5

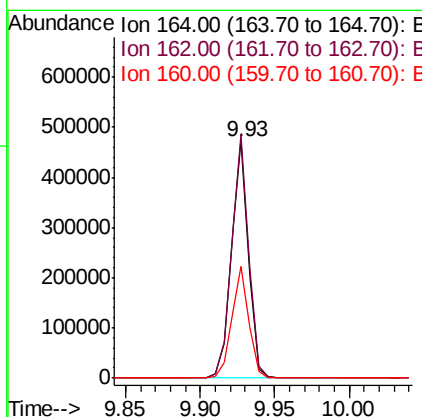
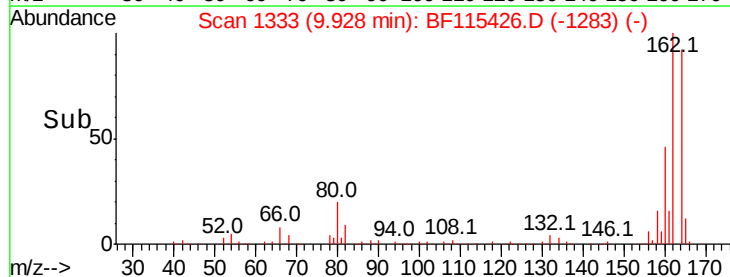
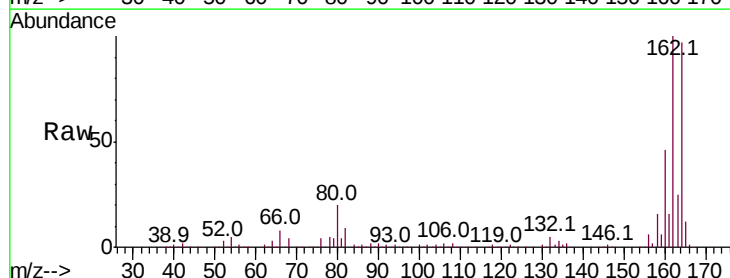
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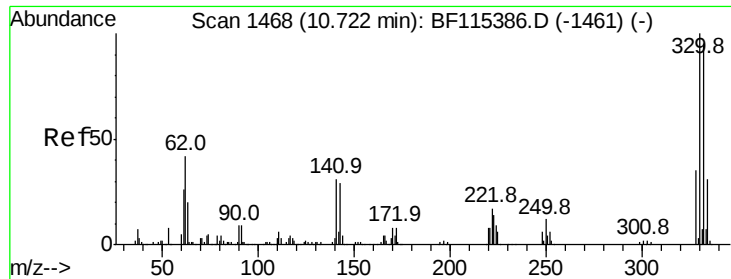
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115426.D
 Acq: 9 Jul 2019 00:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	121.0
160	47.4	37.0	55.6





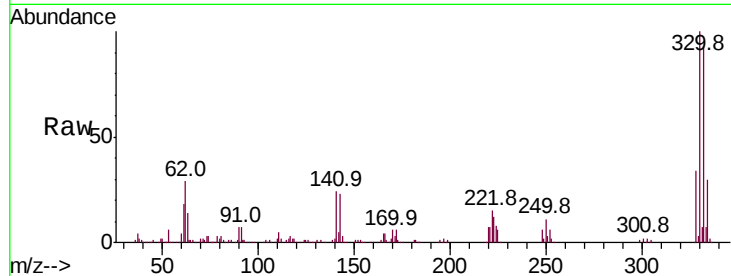
#42
 2,4,6-Tribromophenol
 Concen: 86.932 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115426.D
 Acq: 9 Jul 2019 00:44

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-07-01-19

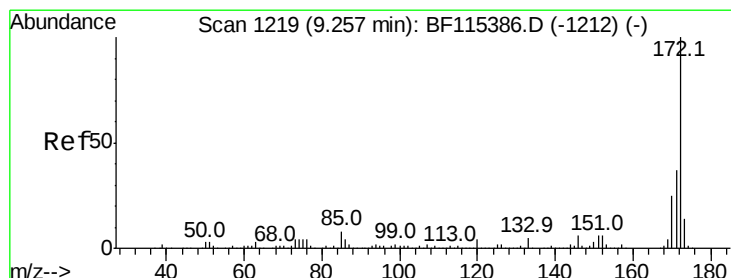
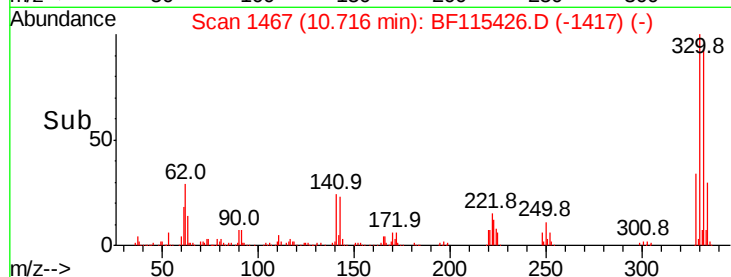
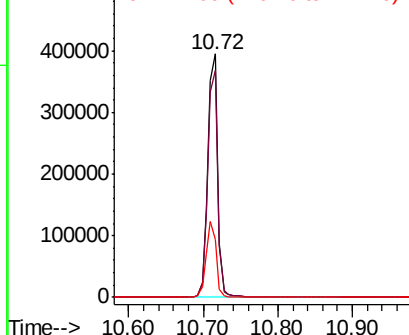
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.3	114.5
141	31.8	27.0	40.4

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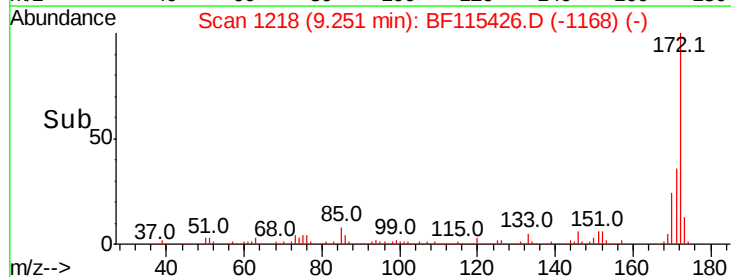
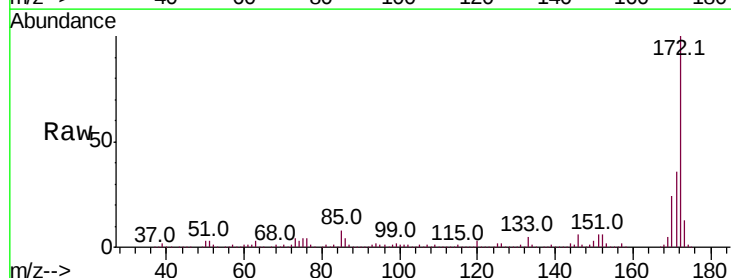
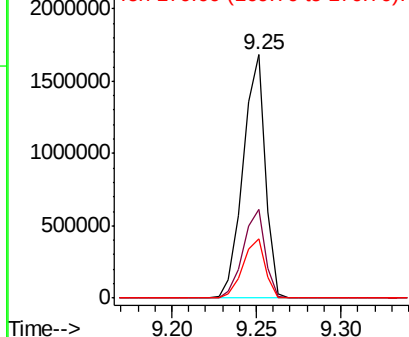
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

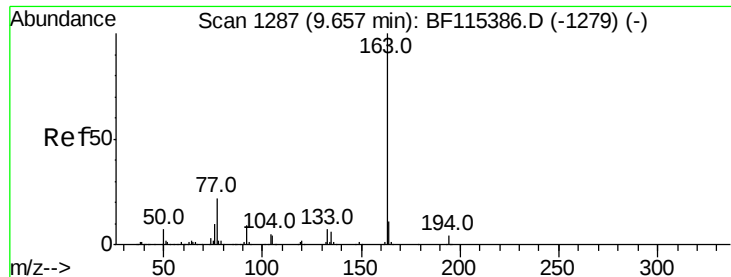


#45
 2-Fluorobiphenyl
 Concen: 71.382 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115426.D
 Acq: 9 Jul 2019 00:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.8
170	24.5	20.2	30.4

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





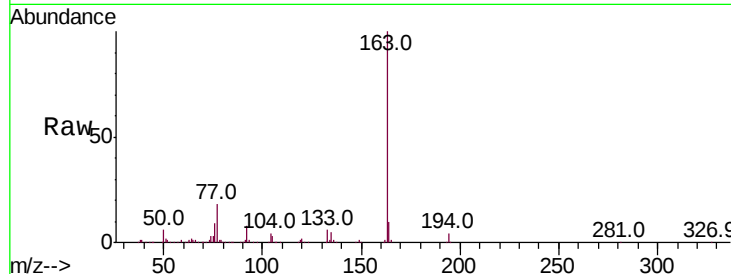
#50
Dimethylphthalate
Concen: 8.491 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115426.D
Acq: 9 Jul 2019 00:44

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-07-01-19

Tot Ion	Ratio	Resp	Lower	Upper
163	100	242849		
194	3.9		3.2	4.8
164	10.0		8.5	12.7

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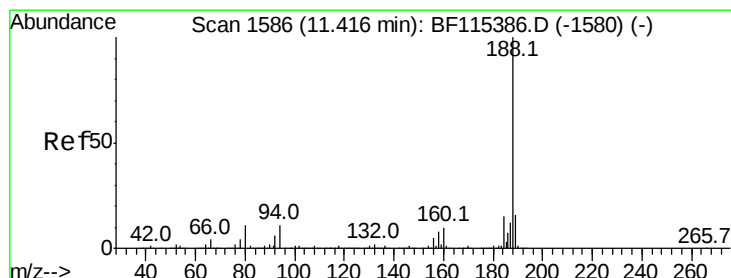
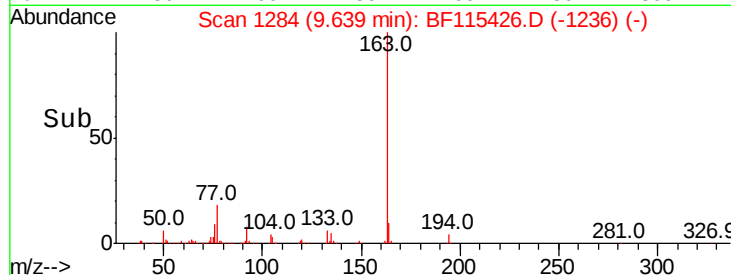
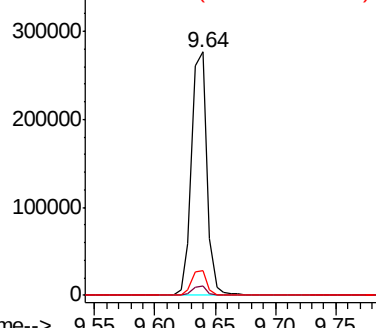


Abundance

Ion 163.00 (162.70 to 163.70): E

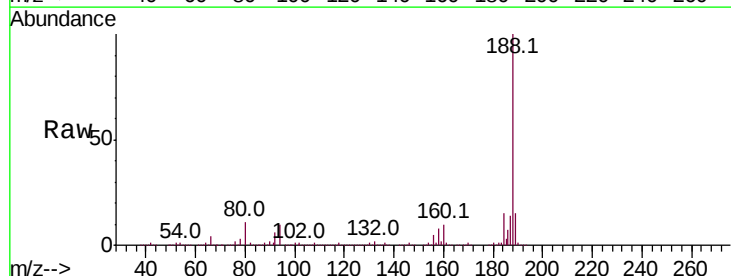
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF115426.D
Acq: 9 Jul 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	714080		
94	10.0		8.5	12.7
80	10.9		9.1	13.7

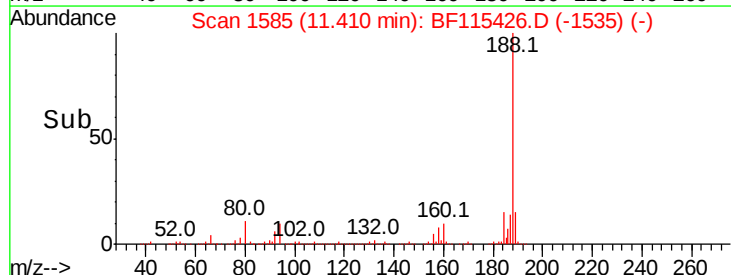
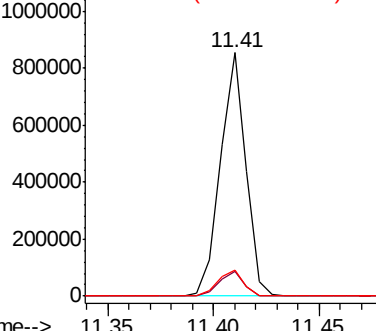


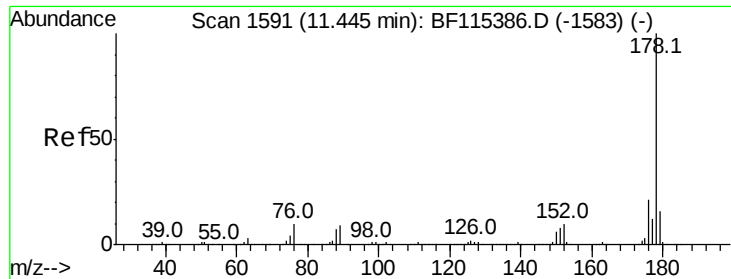
Abundance

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





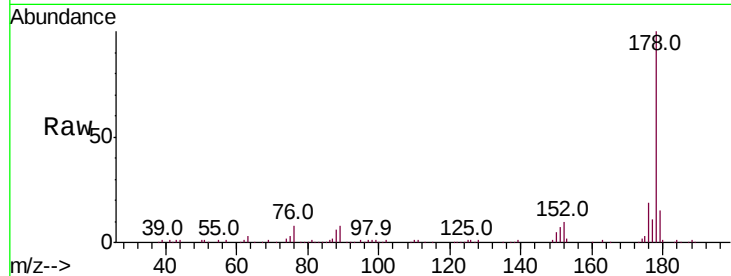
#71
Phenanthrene
Concen: 3.426 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115426.D
Acq: 9 Jul 2019 00:44

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-07-01-19

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.6	25.0
179	14.8	13.0	19.6

Manual Integrations
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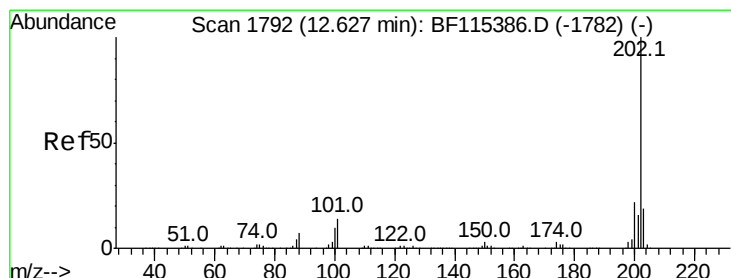
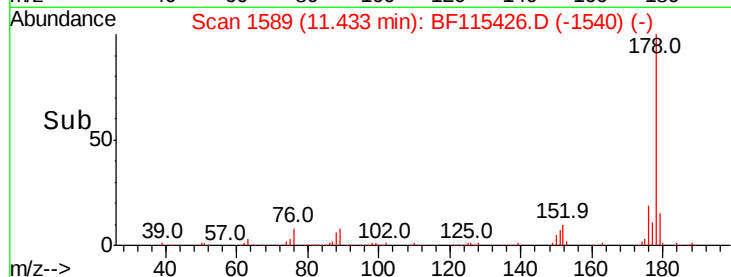
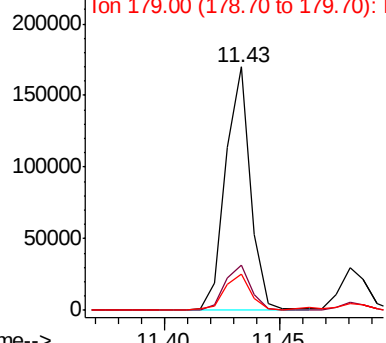


Abundance

Ion 178.00 (177.70 to 178.70): E

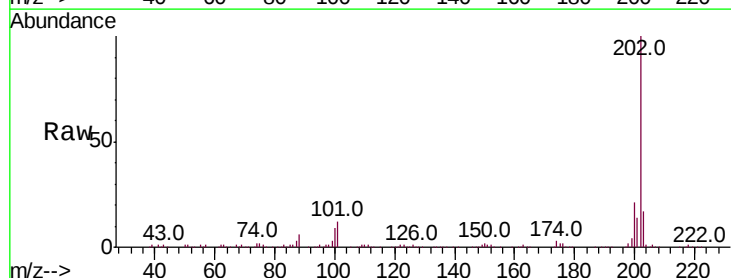
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 5.891 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115426.D
Acq: 9 Jul 2019 00:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.0
203	16.9	0.0	38.5

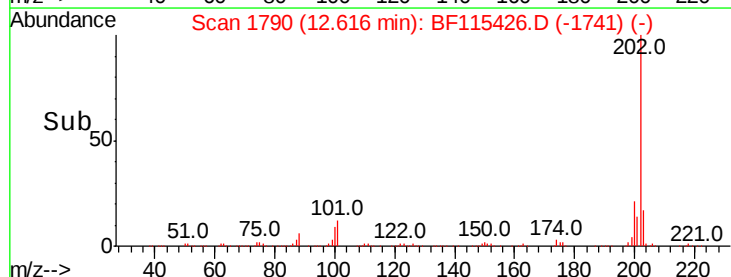
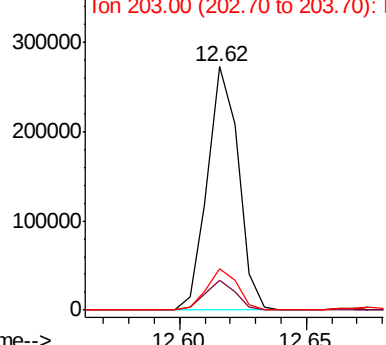


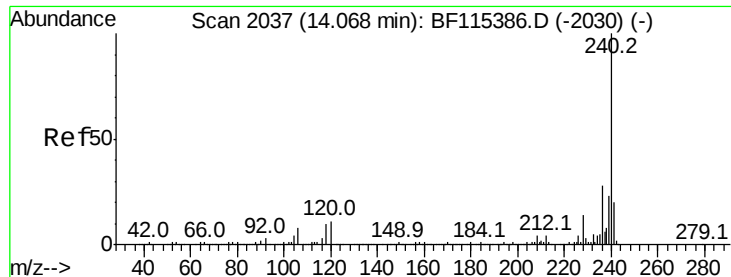
Abundance

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: 14.04 min Scan# 2032

Delta R.T. -0.03 min

Lab File: BF115426.D

Acq: 9 Jul 2019 00:44

Instrument :

BNA_F

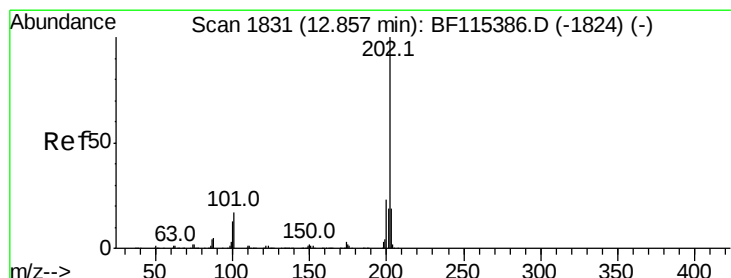
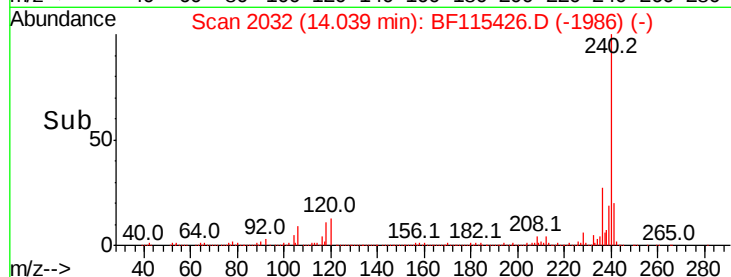
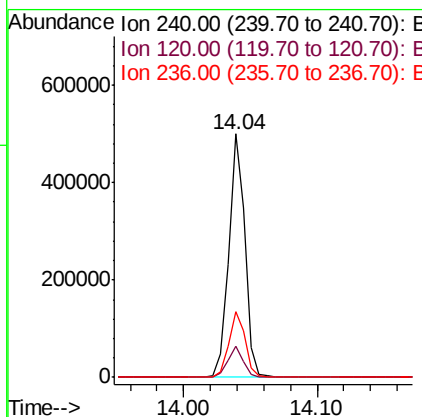
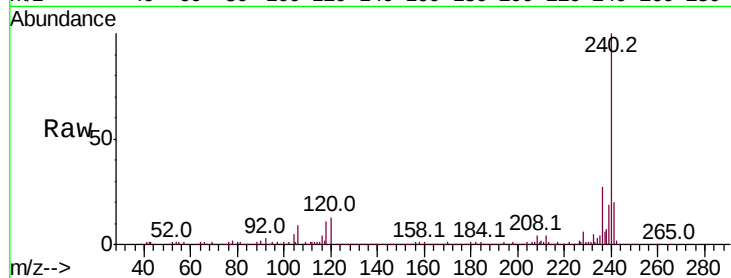
ClientSampleId :

STOCK-PILE-07-01-19

Tot Ion:	240	Resp:	427499
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.1	13.7
236	27.2	22.5	33.7

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#78

Pyrene

Concen: 6.223 ng

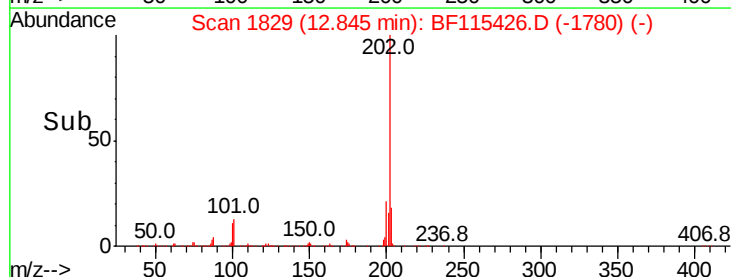
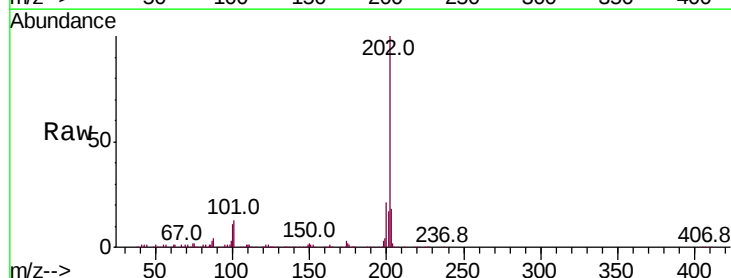
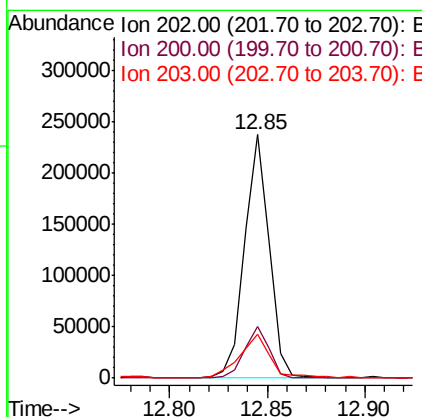
RT: 12.85 min Scan# 1829

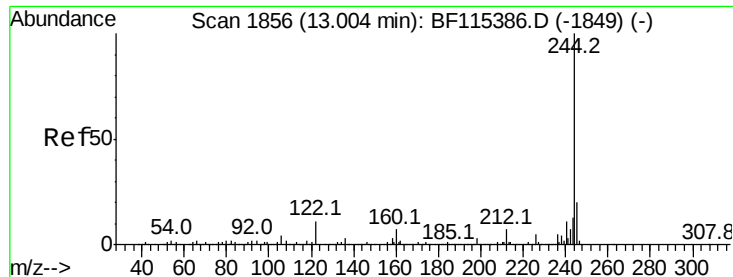
Delta R.T. -0.01 min

Lab File: BF115426.D

Acq: 9 Jul 2019 00:44

Tgt Ion:	202	Resp:	206878
Ion Ratio	Lower	Upper	
202	100		
200	21.4	18.2	27.4
203	18.2	14.8	22.2





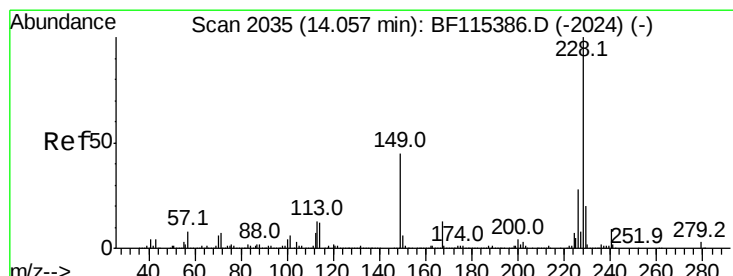
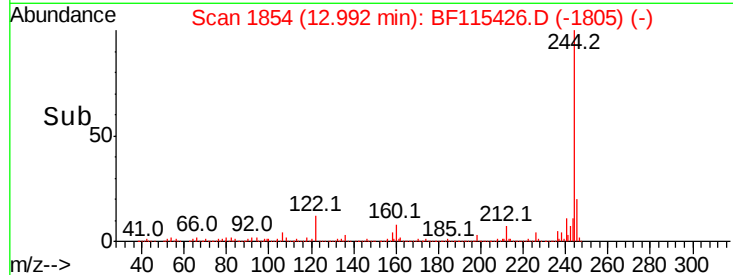
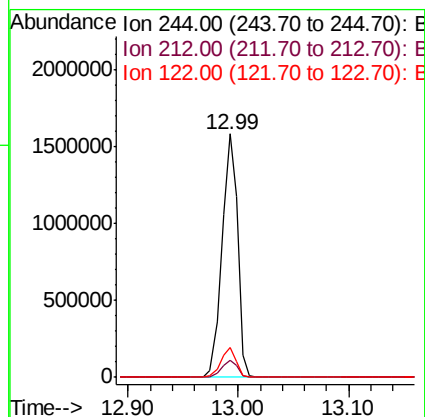
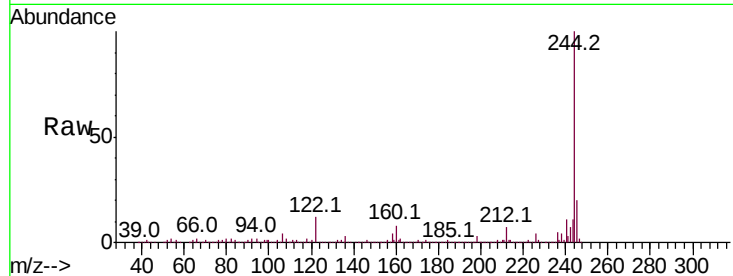
#79
 Terphenyl-d14
 Concen: 74.170 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115426.D
 Acq: 9 Jul 2019 00:44

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-07-01-19

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	12.4	9.1	13.7

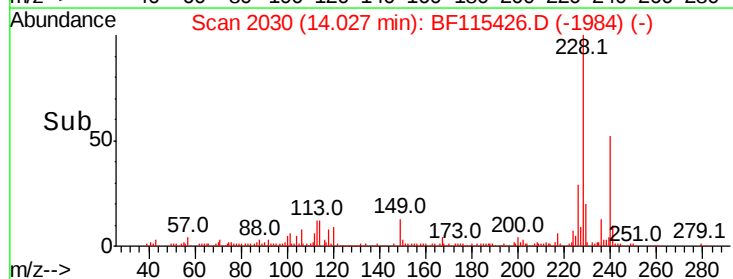
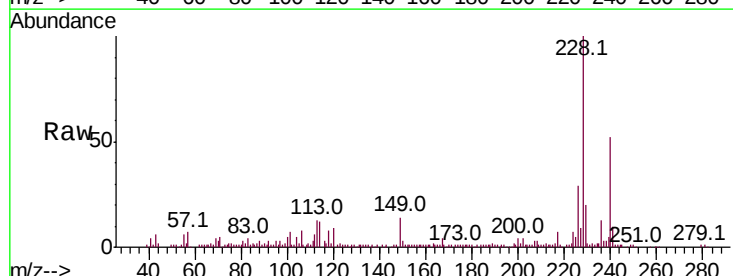
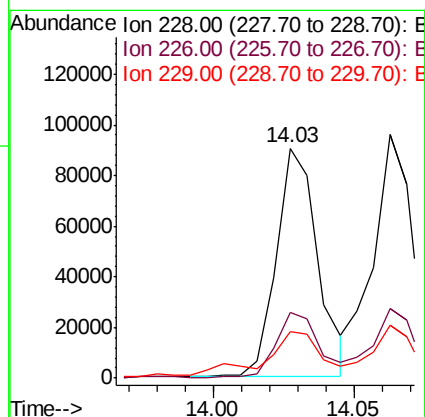
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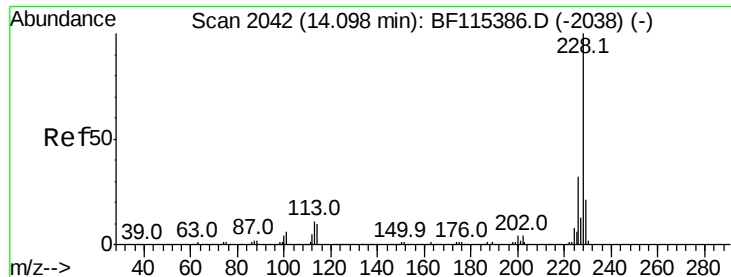
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#81
 Benzo(a)anthracene
 Concen: 3.364 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.03 min
 Lab File: BF115426.D
 Acq: 9 Jul 2019 00:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	20.3	16.3	24.5





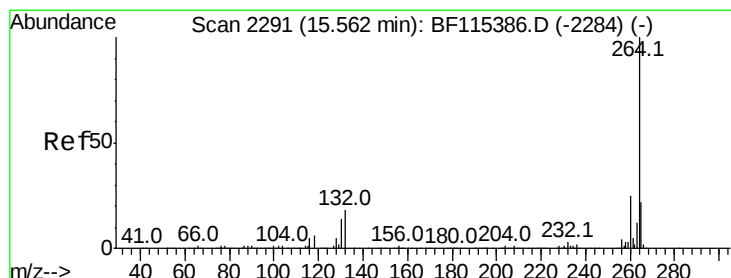
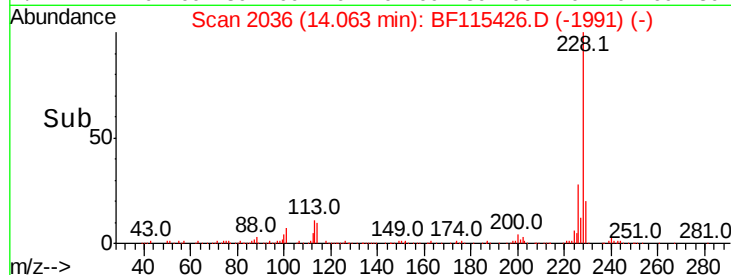
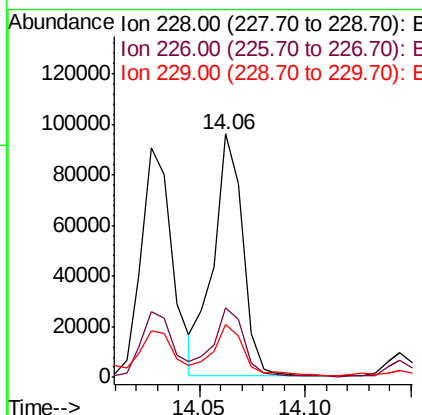
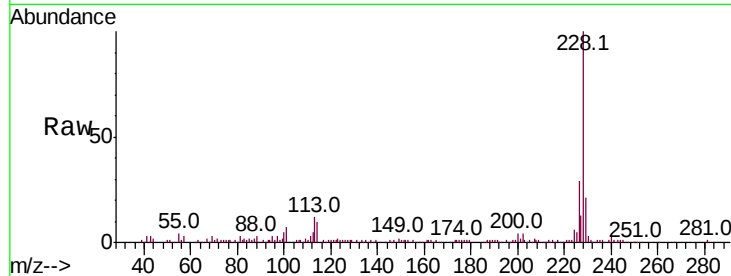
#83
Chrysene
Concen: 3.286 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.04 min
Lab File: BF115426.D
Acq: 9 Jul 2019 00:44

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-07-01-19

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.7	38.5
229	21.5	16.6	25.0

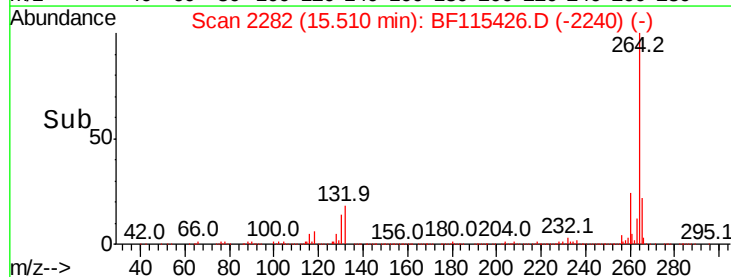
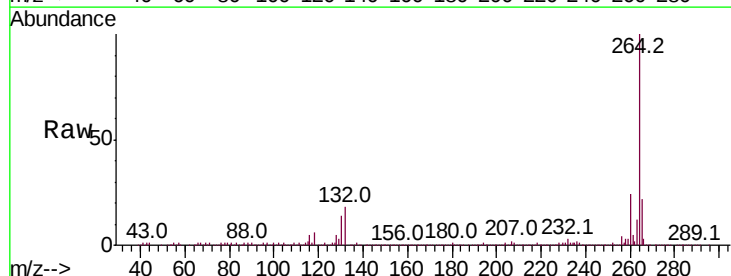
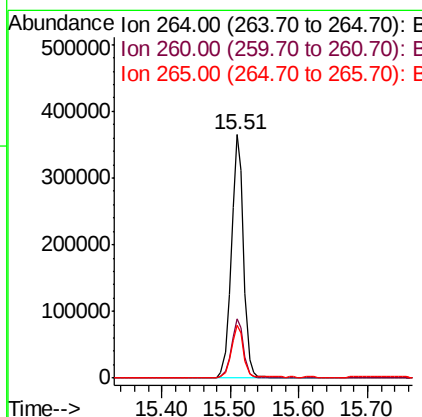
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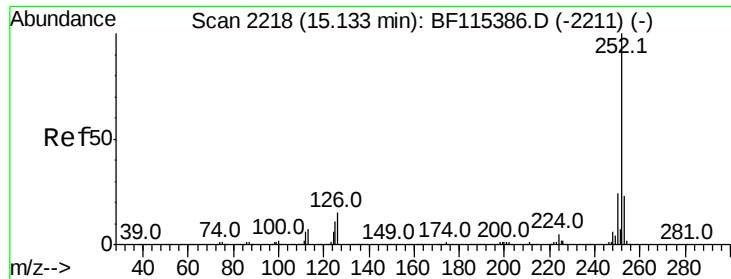
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.05 min
Lab File: BF115426.D
Acq: 9 Jul 2019 00:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	21.9	17.4	26.2





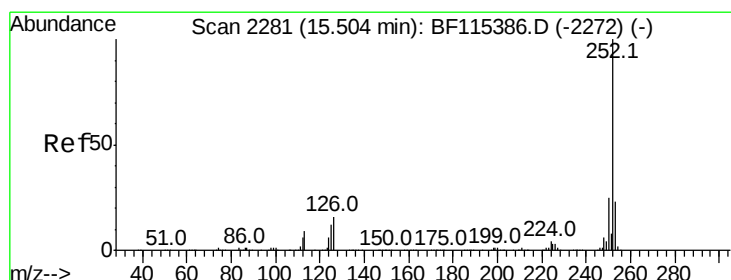
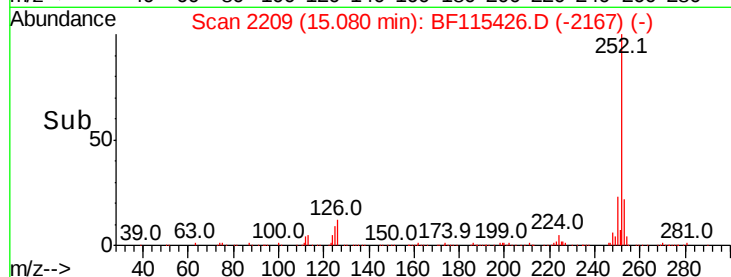
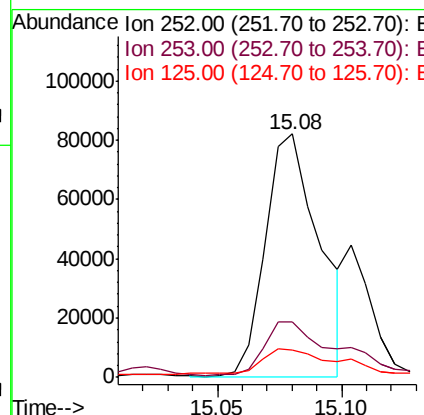
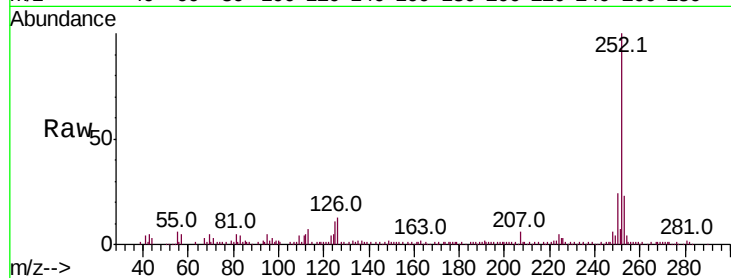
#88
Benzo(b)fluoranthene
Concen: 4.158 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.05 min
Lab File: BF115426.D
Acq: 9 Jul 2019 00:44

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-07-01-19

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.4	9.0	13.6

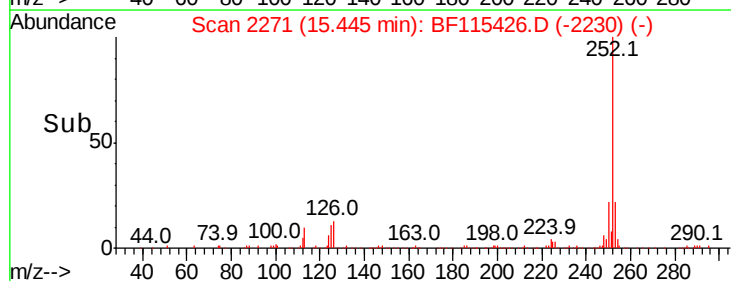
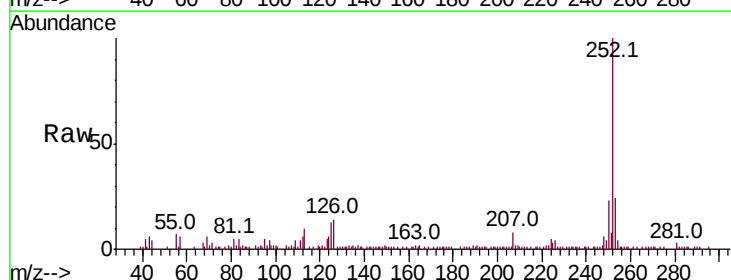
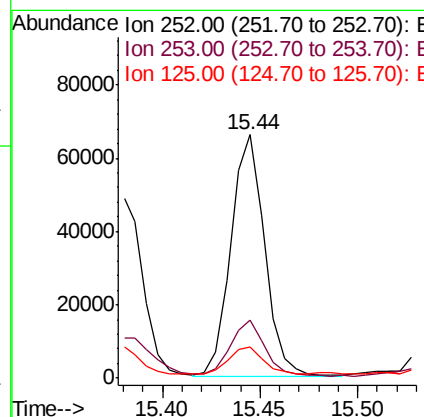
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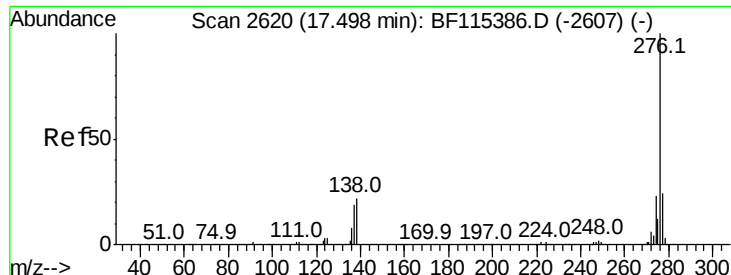
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#90
Benzo(a)pyrene
Concen: 3.081 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.06 min
Lab File: BF115426.D
Acq: 9 Jul 2019 00:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	12.7	10.0	15.0





#92
 Benzo(a,h,i)perylene
 Concen: 2.471 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. -0.08 min
 Lab File: BF115426.D
 Acq: 9 Jul 2019 00:44

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-07-01-19

Tot Ion:	276	Resp:	51204
Ion Ratio	Lower	Upper	
276	100		
277	25.4	19.4	29.2
138	21.7	17.8	26.6

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