

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111896.D
 Acq On : 8 Jan 2019 00:14
 Operator : JU/SJ
 Sample : K1012-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-010419-A

Manual Integrations
 APPROVED

Sohil
 1/8/2019 11:20:50 AM

Quant Time: Jan 08 06:43:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	126257	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	421647	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	175760	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	316615	20.00	ng	0.00
76) Chrysene-d12	14.06	240	339077	20.00	ng	0.00
87) Perylene-d12	15.54	264	224184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	311788	42.25	ng	0.00
7) Phenol-d6	6.53	99	338102	35.55	ng	0.00
23) Nitrobenzene-d5	7.45	82	192578	24.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	97782	42.77	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	289254	24.00	ng	0.00
79) Terphenyl-d14	13.00	244	385660	21.59	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	30241	2.290	ng	Qvalue # 98
71) Phenanthrene	11.44	178	52261	3.087	ng	98
75) Fluoranthene	12.63	202	96275	5.540	ng	97
78) Pyrene	12.86	202	89233	3.825	ng	96
81) Benzo(a)anthracene	14.04	228	40884	2.095	ng	99
83) Chrysene	14.08	228	38807m	2.086	ng	
88) Benzo(b)fluoranthene	15.10	252	33745m	2.516	ng	

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

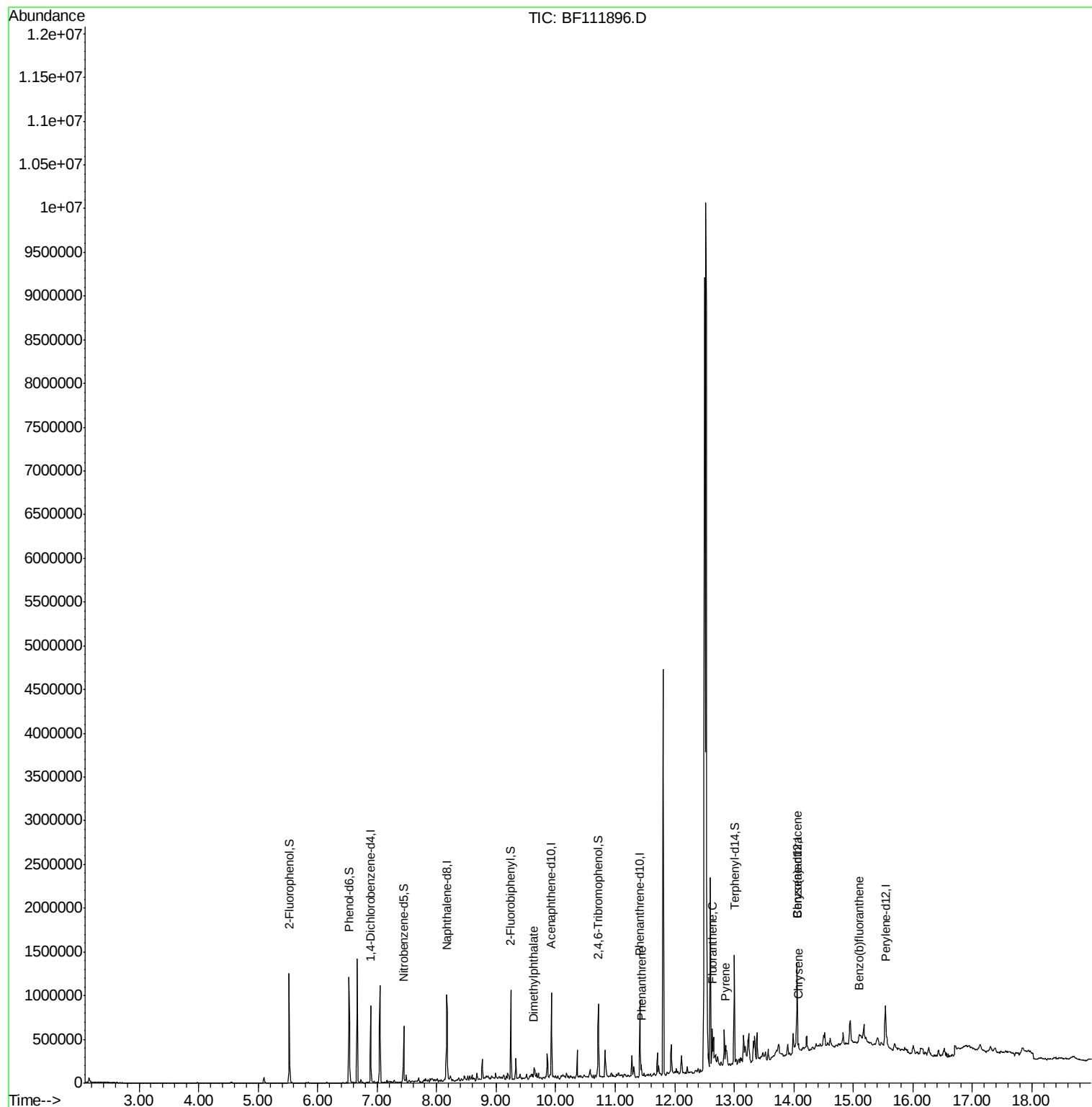
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111896.D
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Sample : K1012-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

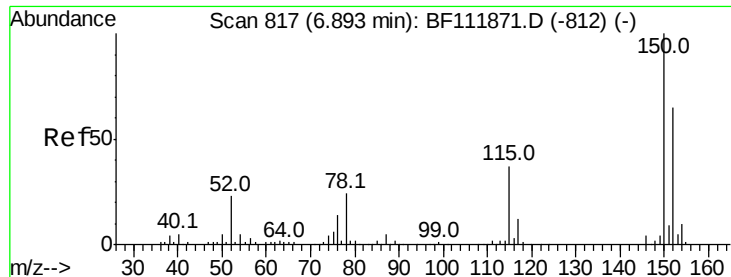
Instrument :
BNA_F
ClientSampleId :
EO-02-010419-A

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#1

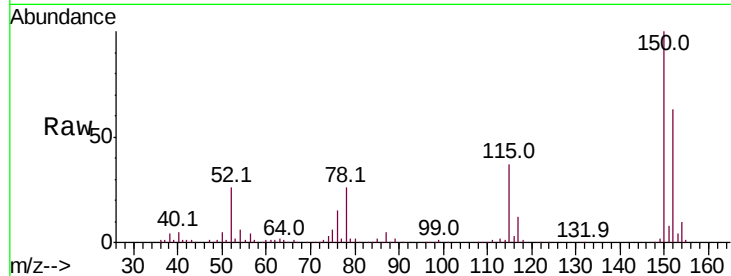
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111896.D
Acq: 8 Jan 2019 00:14

Instrument :
BNA_F
ClientSampleId :
EO-02-010419-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.7	184.1
115	59.3	45.2	67.8

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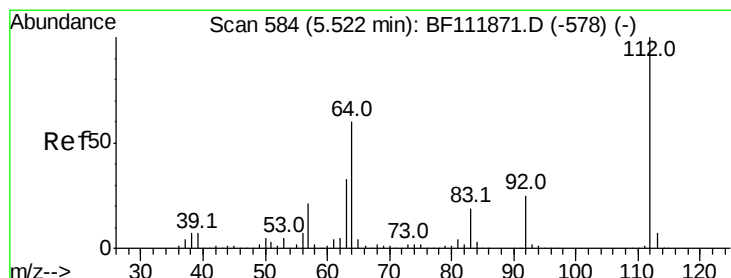
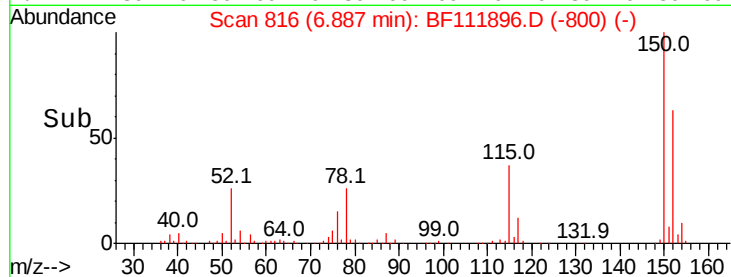
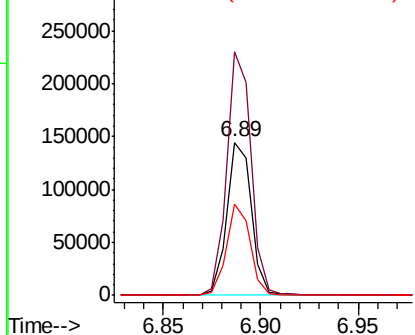


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

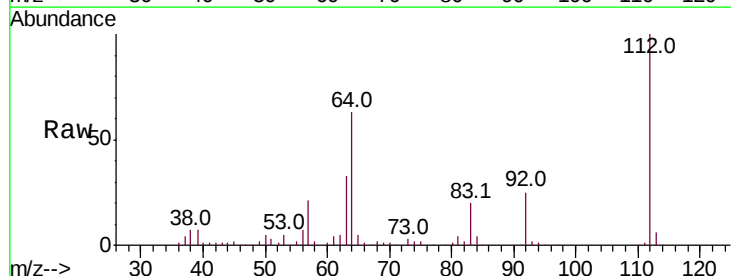
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.248 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF111896.D
Acq: 8 Jan 2019 00:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	48.3	72.5
63	33.4	26.1	39.1

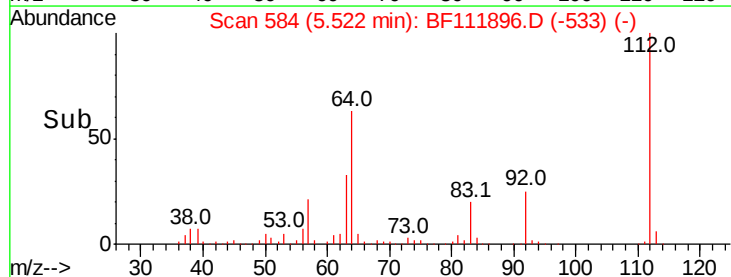
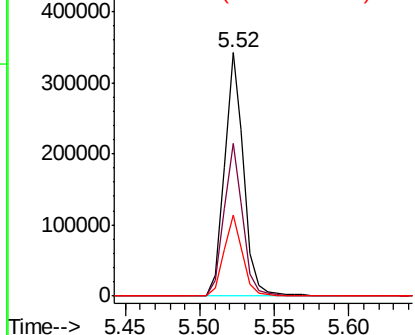


Abundance

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: 35.545 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111896.D

Acq: 8 Jan 2019 00:14

Instrument :

BNA_F

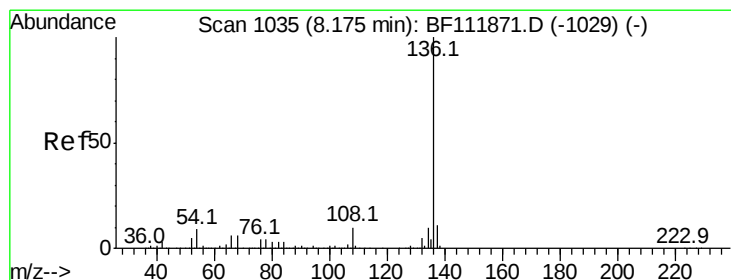
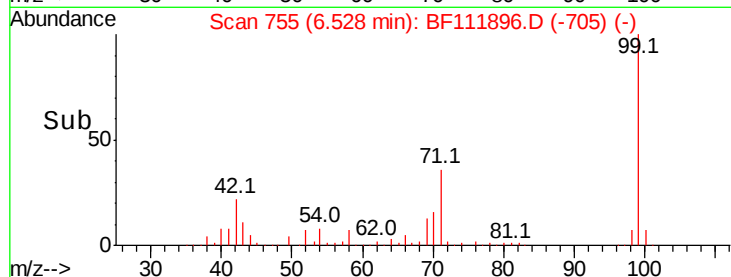
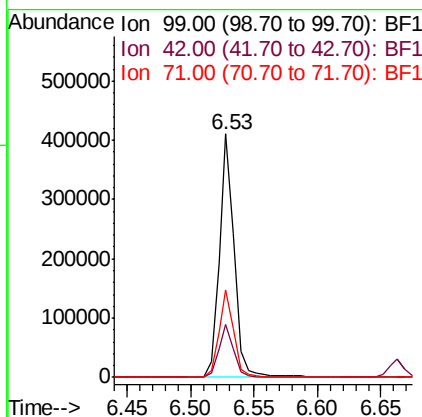
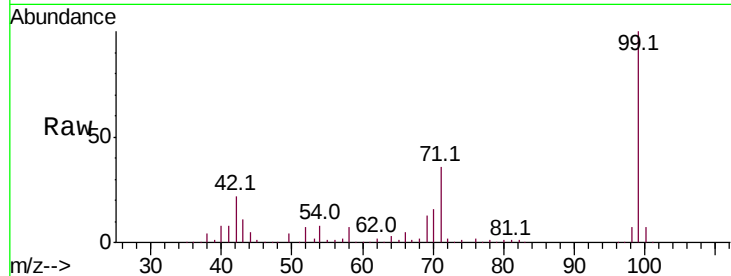
ClientSampleId :

EO-02-010419-A

Tot Ion:	99	Resp:	338102
Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.9	26.9
71	35.8	28.7	43.1

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#21

Naphthalene-d8

Concen: 20.000 ng

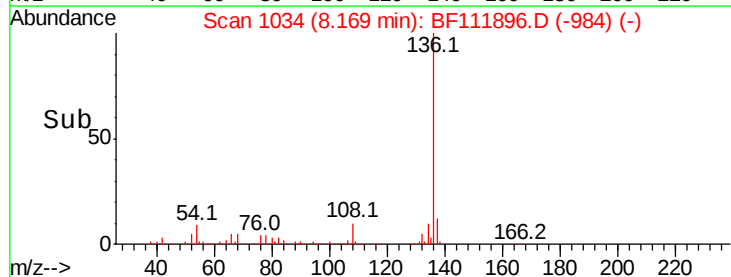
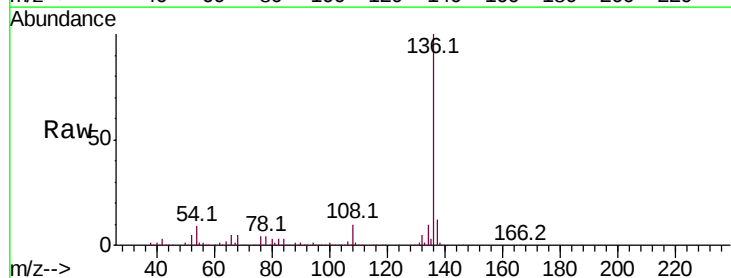
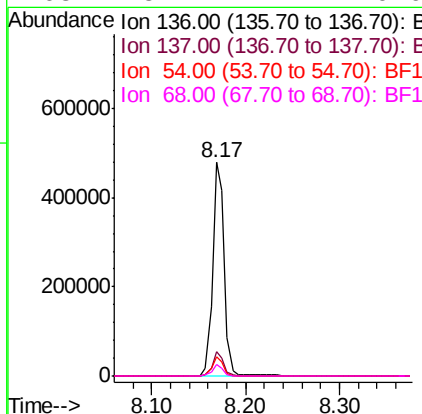
RT: 8.17 min Scan# 1034

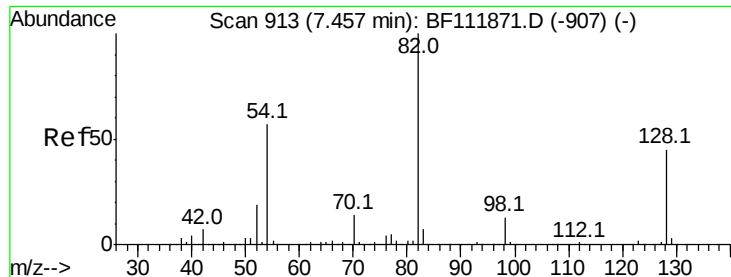
Delta R.T. -0.01 min

Lab File: BF111896.D

Acq: 8 Jan 2019 00:14

Tgt Ion:	136	Resp:	421647
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	9.2	7.2	10.8
68	5.2	4.4	6.6





#23

Nitrobenzene-d5

Concen: 24.410 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111896.D

Acq: 8 Jan 2019 00:14

Instrument :

BNA_F

ClientSampleId :

EO-02-010419-A

Tot Ion: 82 Resp: 192578

Ion Ratio Lower Upper

82 100

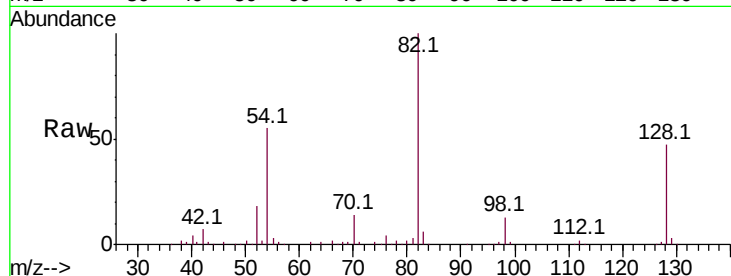
128 47.2 35.7 53.5

54 54.8 45.8 68.8

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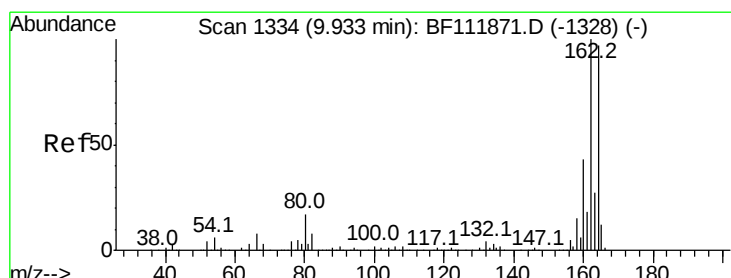
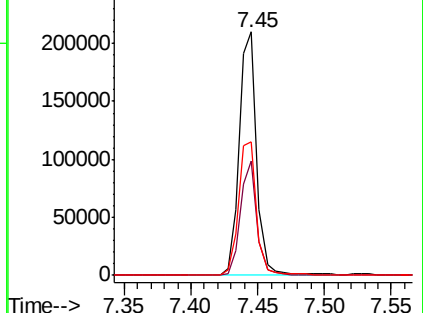
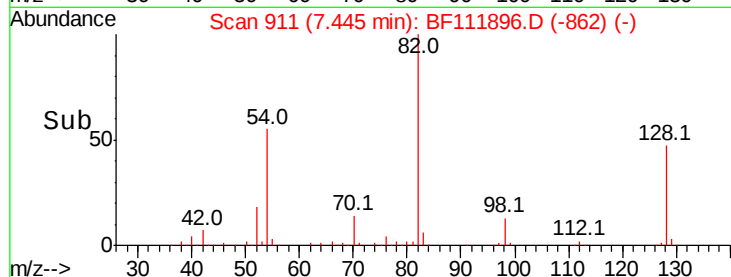
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Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF111896.D

Acq: 8 Jan 2019 00:14

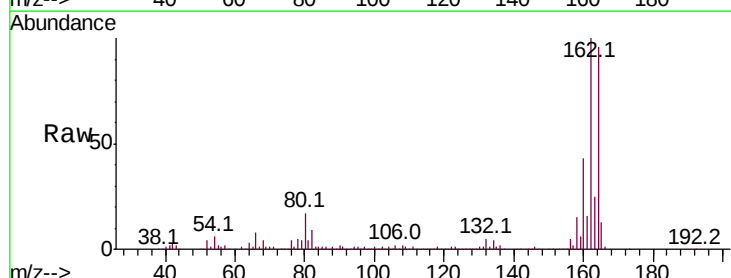
Tgt Ion:164 Resp: 175760

Ion Ratio Lower Upper

164 100

162 103.7 82.2 123.2

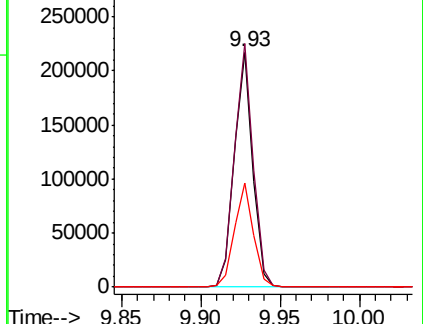
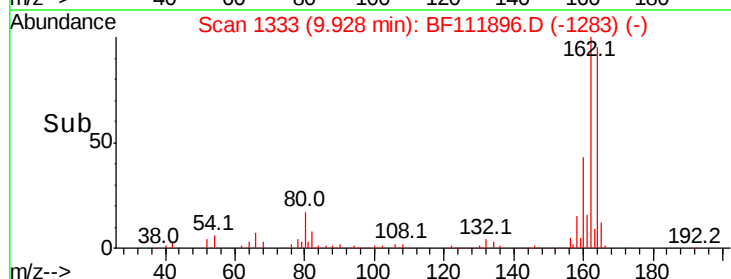
160 44.2 35.5 53.3

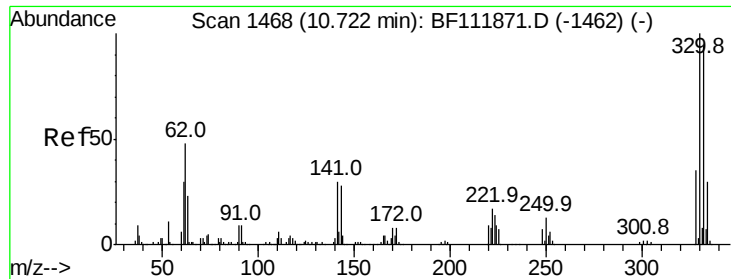


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





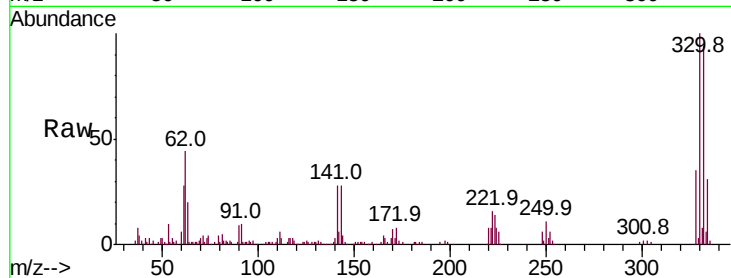
#42
 2,4,6-Tribromophenol
 Concen: 42.772 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111896.D
 Acq: 8 Jan 2019 00:14

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-010419-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.9	115.3
141	28.4	23.7	35.5

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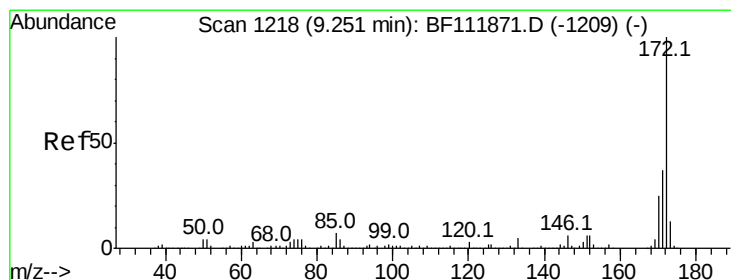
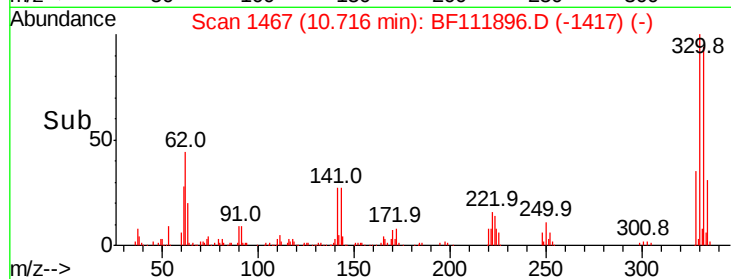
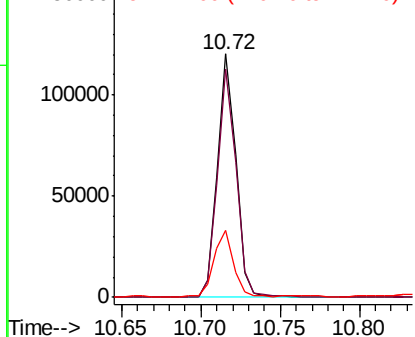


Abundance

Ion 329.80 (329.50 to 330.50): E

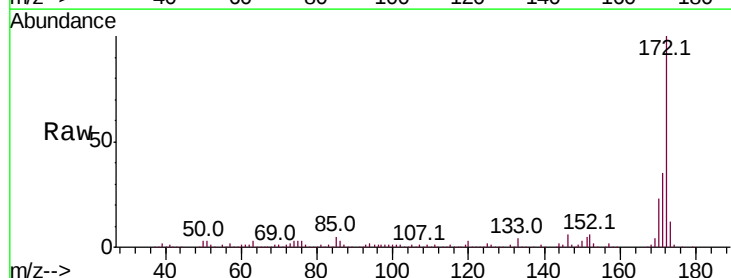
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 23.998 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111896.D
 Acq: 8 Jan 2019 00:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	22.9	19.8	29.8

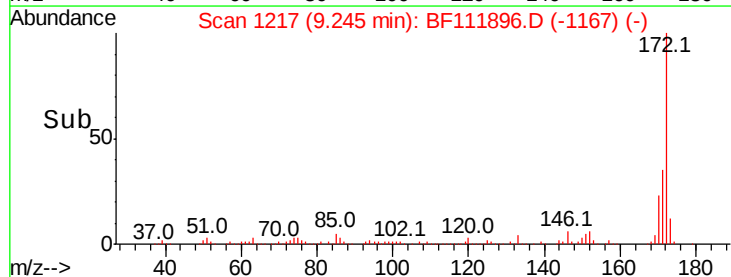
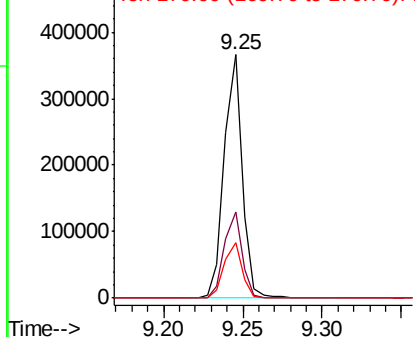


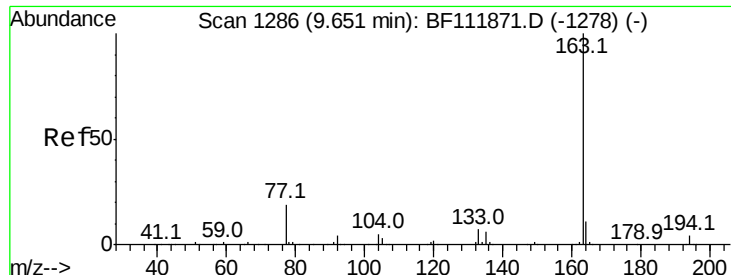
Abundance

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





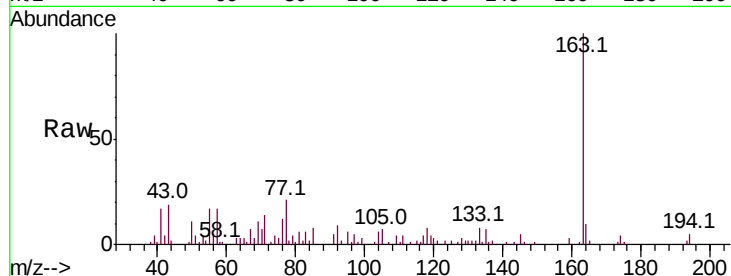
#50
Dimethylphthalate
Concen: 2.290 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF111896.D
Acq: 8 Jan 2019 00:14

Instrument :
BNA_F
ClientSampleId :
EO-02-010419-A

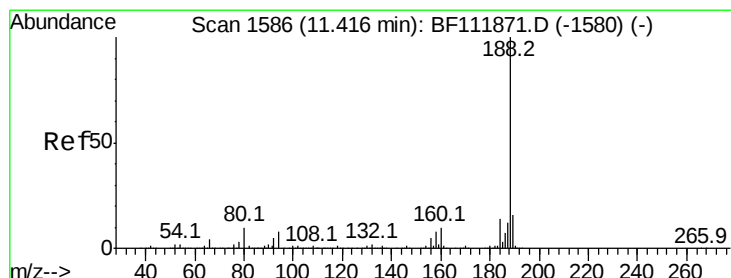
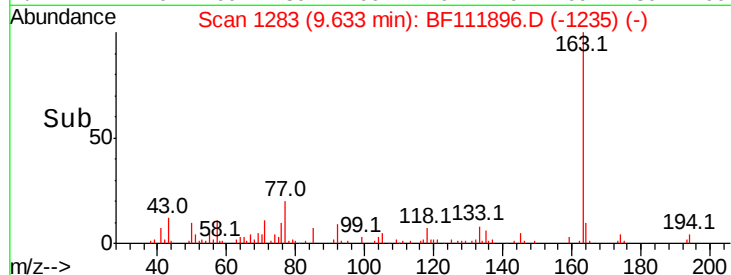
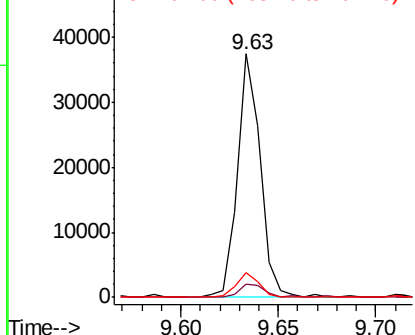
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.4	5.2#
164	10.2	8.5	12.7

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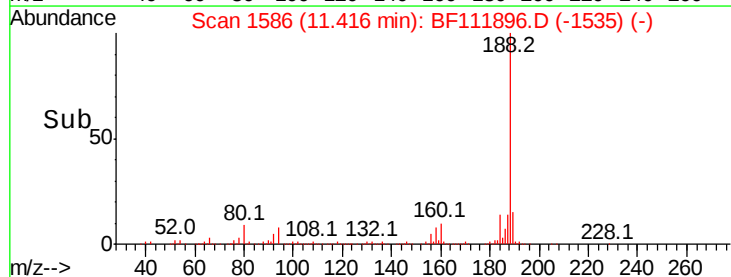
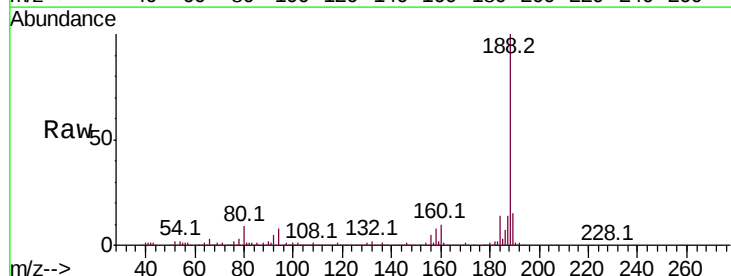
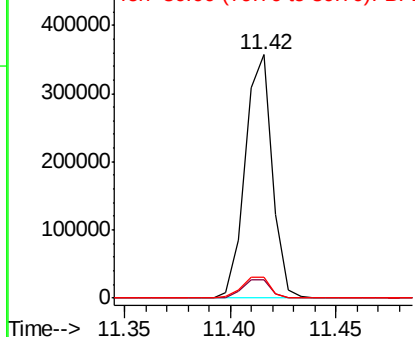
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

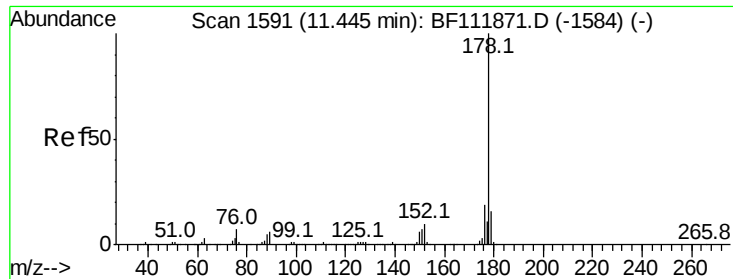


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF111896.D
Acq: 8 Jan 2019 00:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.6	10.0
80	8.8	7.7	11.5

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: 3.087 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF111896.D

Acq: 8 Jan 2019 00:14

Instrument :

BNA_F

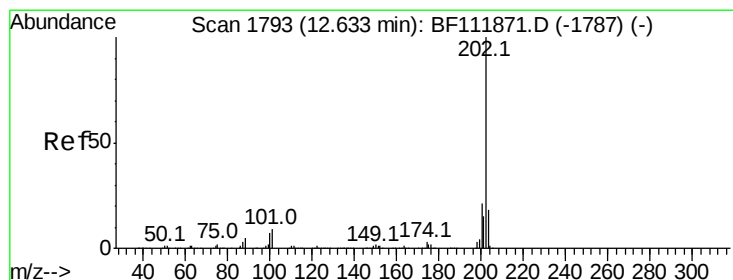
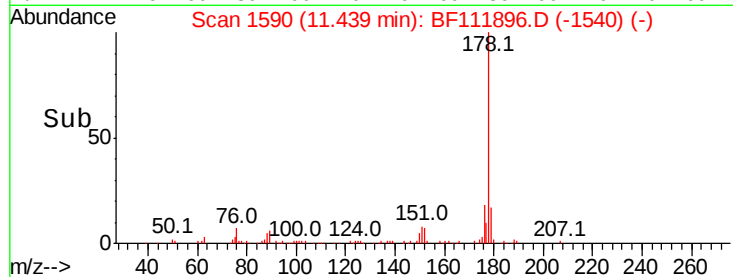
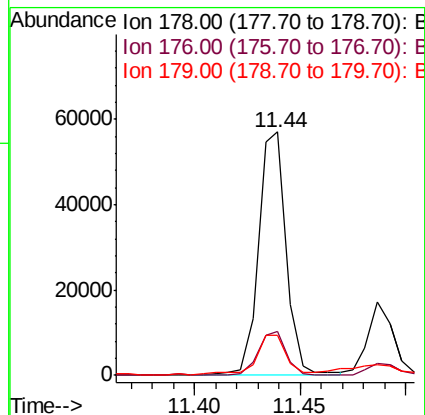
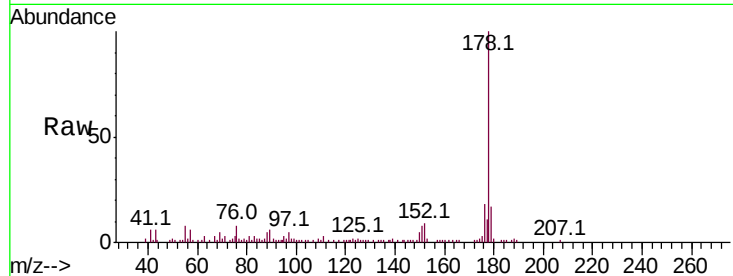
ClientSampleId :

EO-02-010419-A

Tot Ion:	178	Resp:	52261
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.6	23.4
179	16.6	12.6	18.8

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#75

Fluoranthene

Concen: 5.540 ng

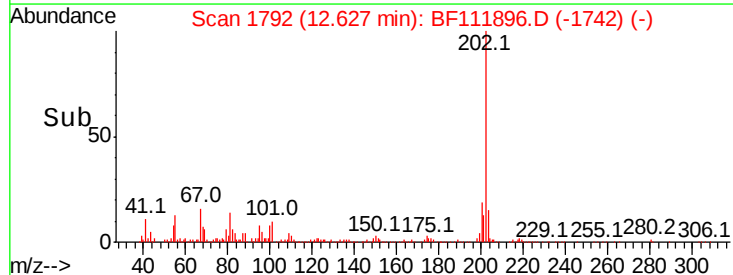
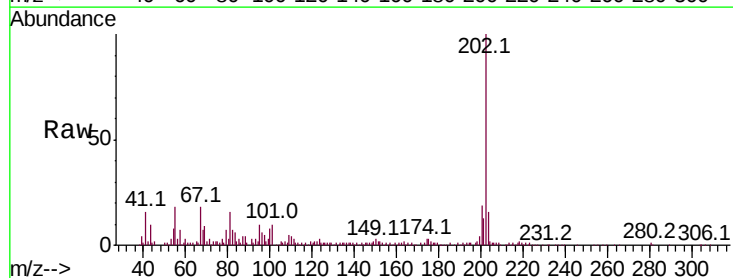
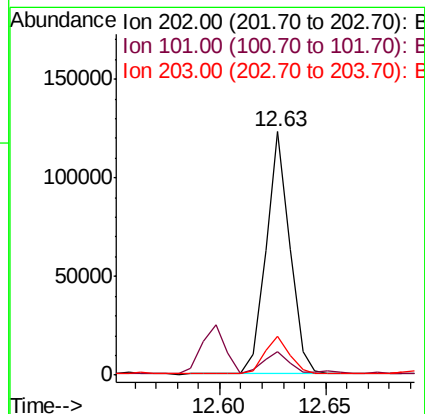
RT: 12.63 min Scan# 1792

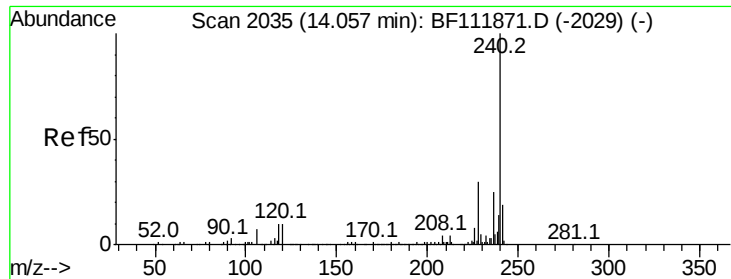
Delta R.T. -0.01 min

Lab File: BF111896.D

Acq: 8 Jan 2019 00:14

Tgt Ion:	202	Resp:	96275
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.3
203	15.8	0.0	37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF111896.D

Acq: 8 Jan 2019 00:14

Instrument :

BNA_F

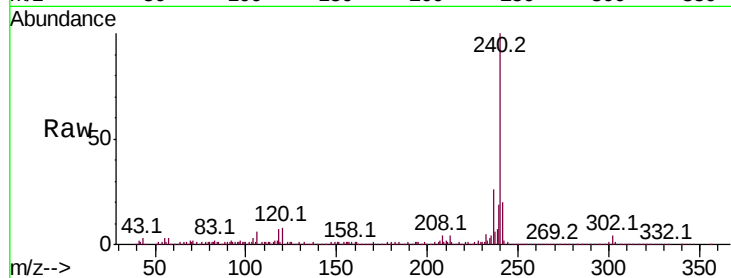
ClientSampleId :

EO-02-010419-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	8.2	12.2#
236	26.2	20.2	30.4

Manual Integrations
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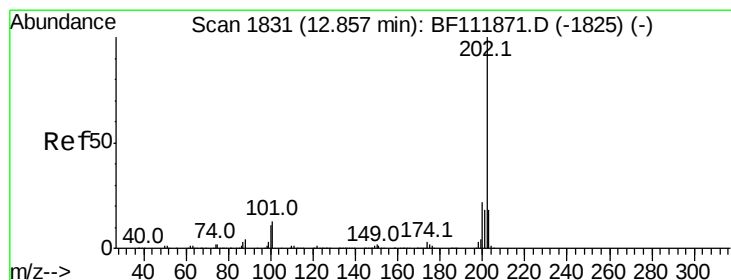
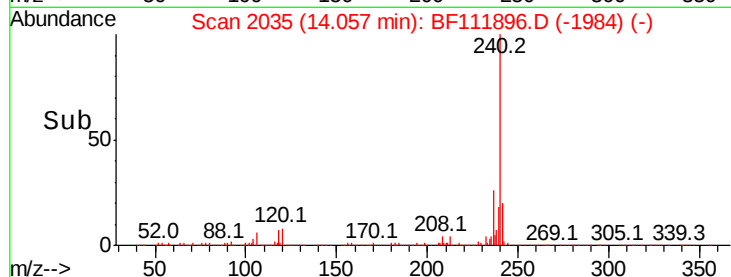
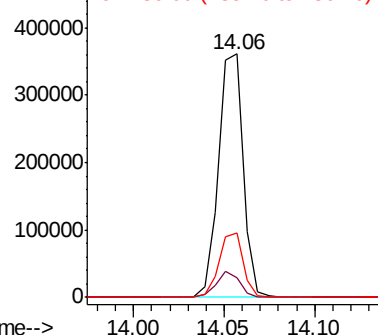


Abundance

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: 3.825 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF111896.D

Acq: 8 Jan 2019 00:14

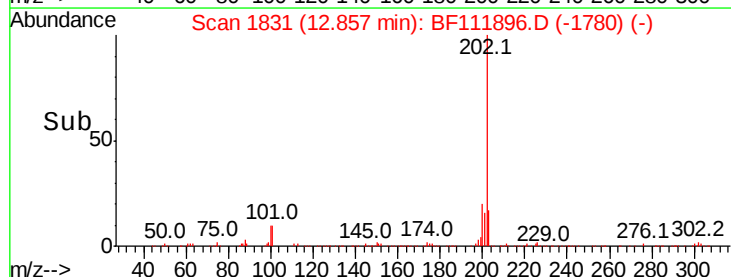
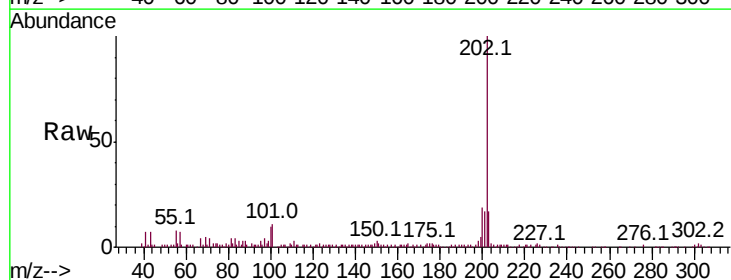
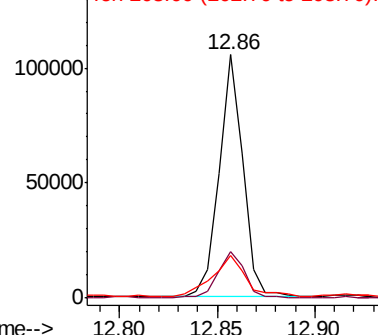
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.4	26.2
203	17.5	14.6	21.8

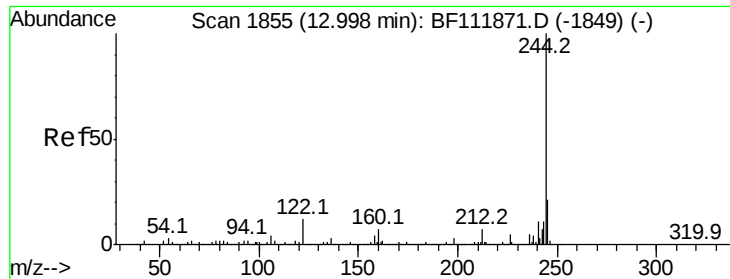
Abundance

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: 21.590 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF111896.D

Acq: 8 Jan 2019 00:14

Instrument :

BNA_F

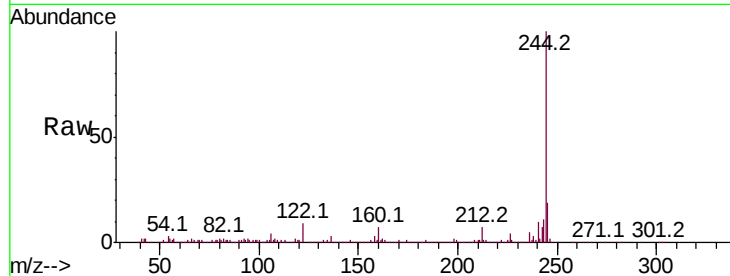
ClientSampleId :

EO-02-010419-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	9.4	9.5	14.3

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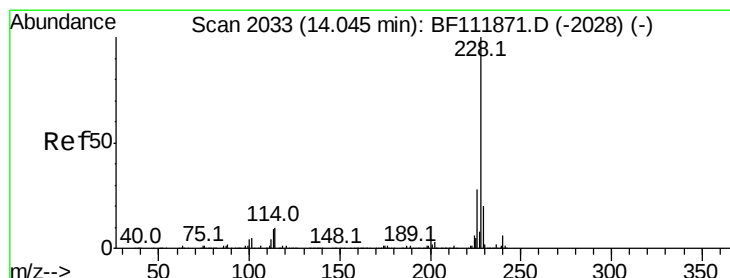
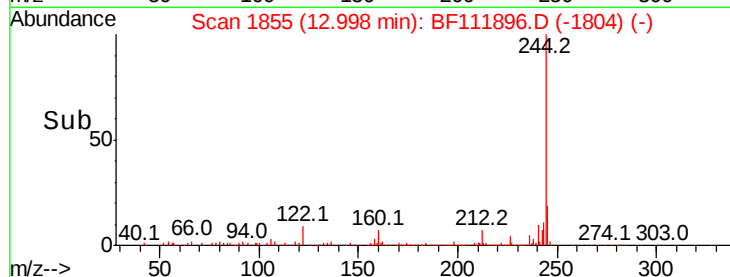
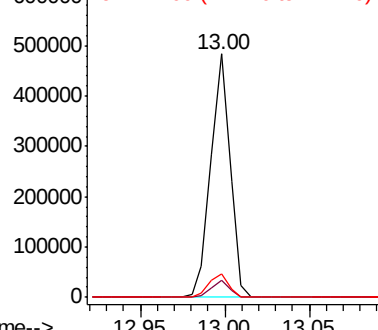


Abundance

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: 2.095 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF111896.D

Acq: 8 Jan 2019 00:14

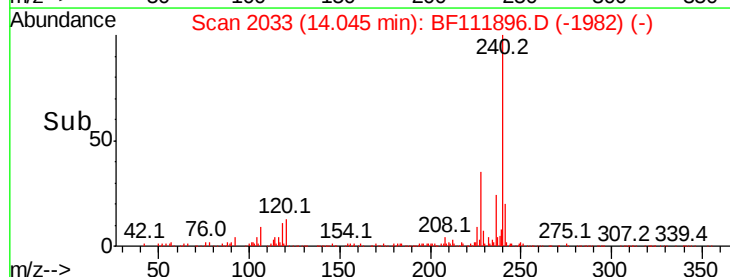
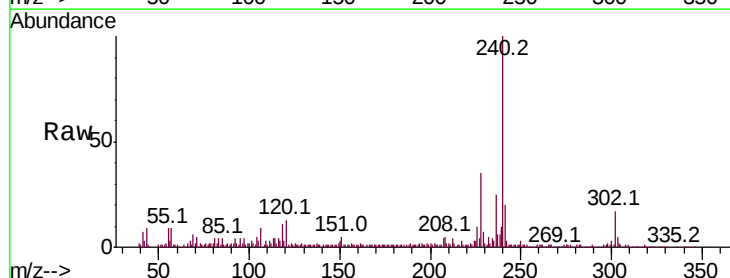
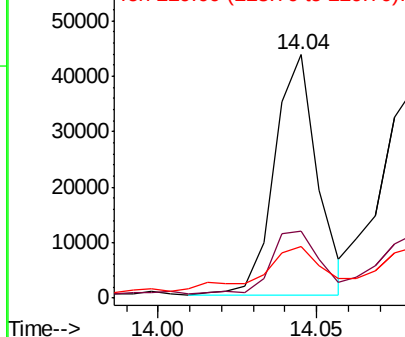
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.2
229	21.1	16.2	24.2

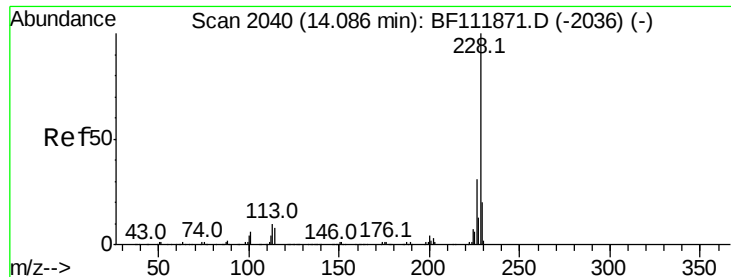
Abundance

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





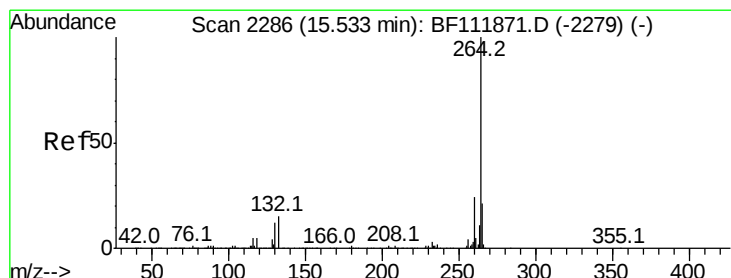
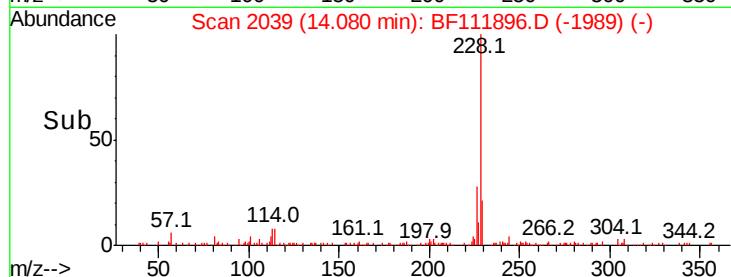
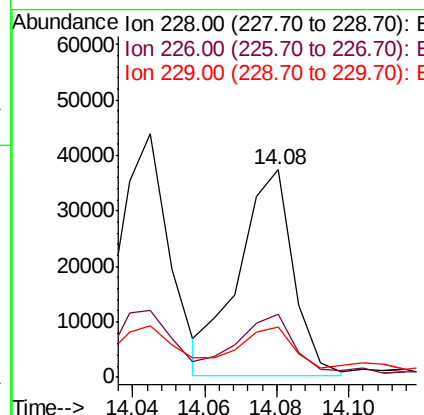
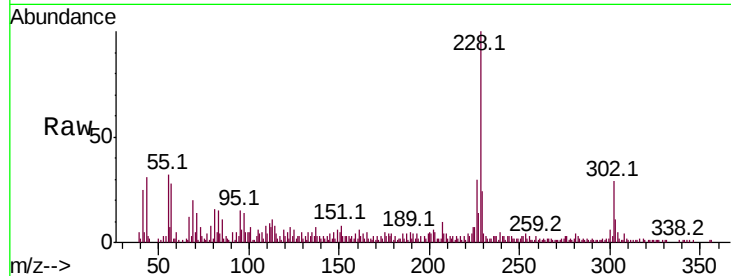
#83
Chrysene
Concen: 2.086 ng/ml
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF111896.D
Acq: 8 Jan 2019 00:14

Instrument :
BNA_F
ClientSampleId :
EO-02-010419-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	23.9	15.7	23.5

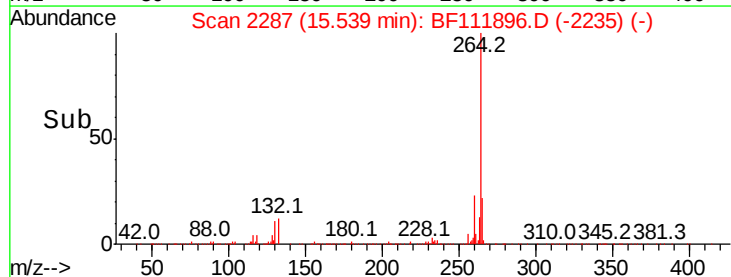
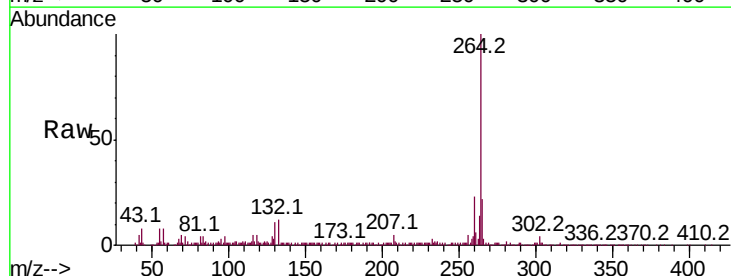
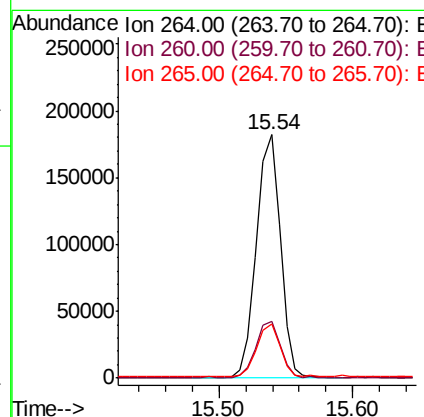
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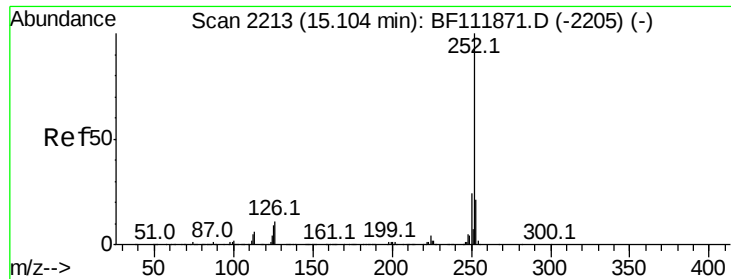
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111896.D
Acq: 8 Jan 2019 00:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.1	17.1	25.7





#88

Benzo(b)fluoranthene

Concen: 2.516 ng m

RT: 15.10 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BF111896.D

Acq: 8 Jan 2019 00:14

Instrument :

BNA_F

ClientSampleId :

EO-02-010419-A

Tot Ion:	252	Resp:	33745
Ion Ratio	Lower	Upper	
252	100		
253	33.9	17.0	25.6#
125	23.1	7.1	10.7#

Manual Integrations
APPROVED

Sohil
1/8/2019 11:20:50 AM

