

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111906.D
 Acq On : 8 Jan 2019 14:53
 Operator : JU/SJ
 Sample : K1012-01 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 1/9/2019 10:36:39 AM

Quant Time: Jan 08 18:02:47 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	6.88	152	149597	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	521740	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	217754	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	364017	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	393724	20.00	ng	-0.01
87) Perylene-d12	15.53	264	373521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	344203	39.36	ng	0.00
7) Phenol-d6	6.52	99	482849	42.84	ng	-0.01
23) Nitrobenzene-d5	7.43	82	308970	31.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	102340	36.13	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	424377	28.42	ng	-0.02
79) Terphenyl-d14	12.99	244	383173	18.47	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.63	163	41676	2.548	ng	Qvalue # 97
71) Phenanthrene	11.43	178	58239	2.992	ng	97
75) Fluoranthene	12.62	202	87567	4.383	ng	97
78) Pyrene	12.85	202	71695	2.646	ng	98
81) Benzo(a)anthracene	14.03	228	46824	2.066	ng	96
88) Benzo(b)fluoranthene	15.09	252	47982m	2.147	ng	

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

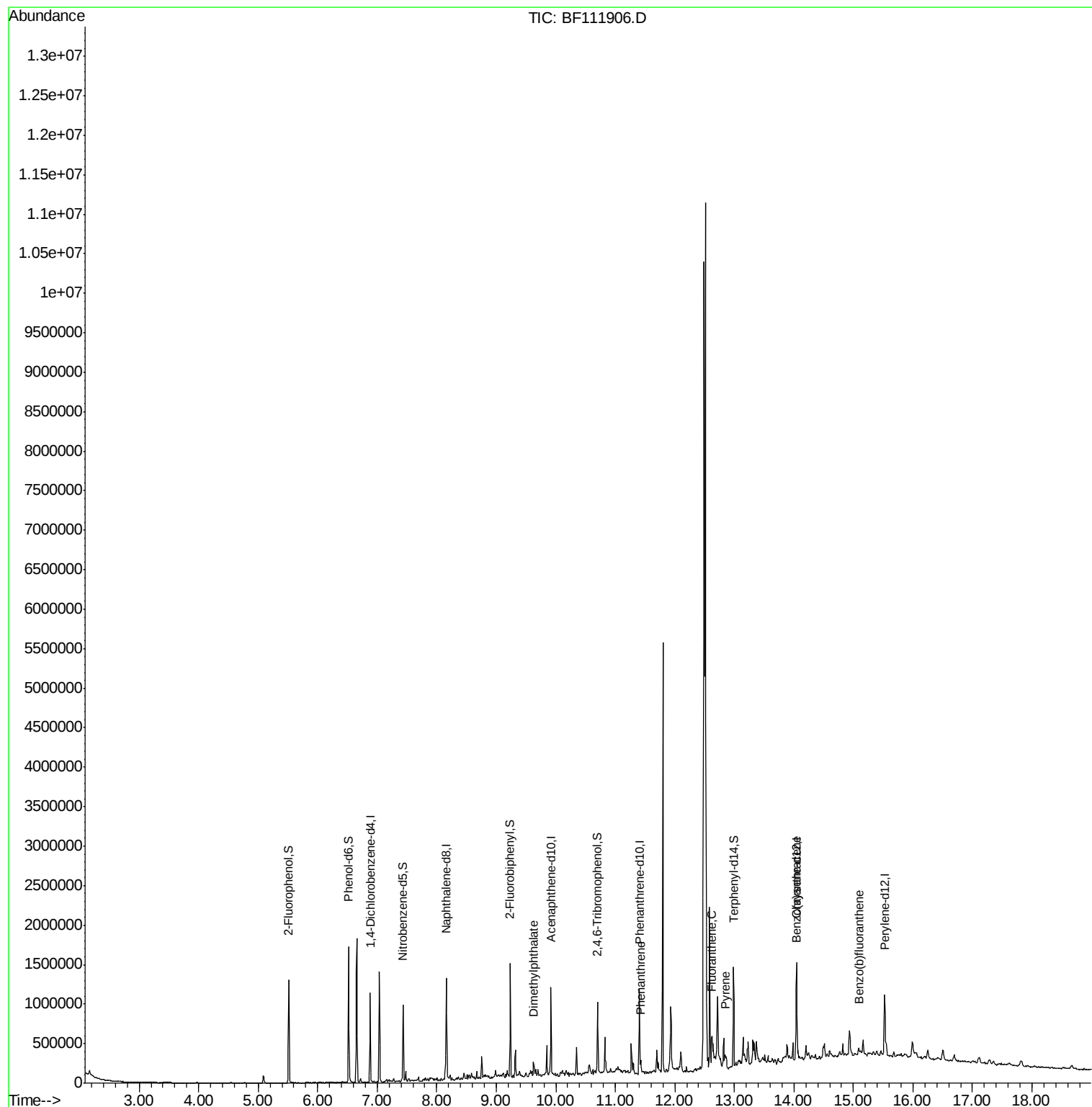
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
Data File : BF111906.D
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Operator : JU/SJ
Sample : K1012-01 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

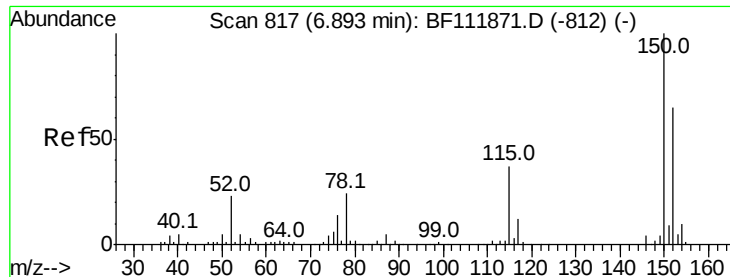
Instrument :
BNA_F
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EO-02-010419-A

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#1

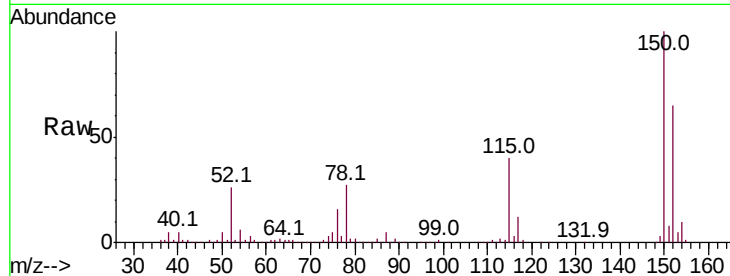
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.7	184.1
115	61.4	45.2	67.8

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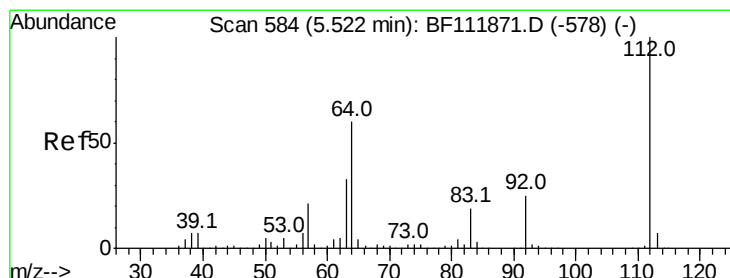
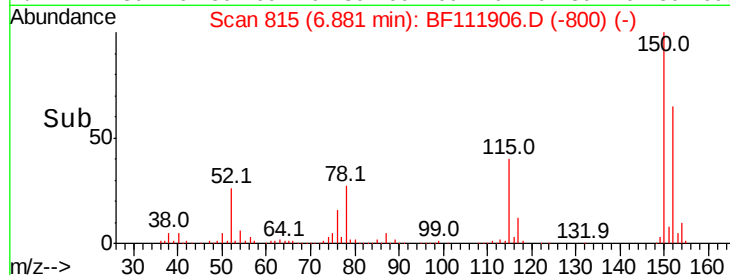
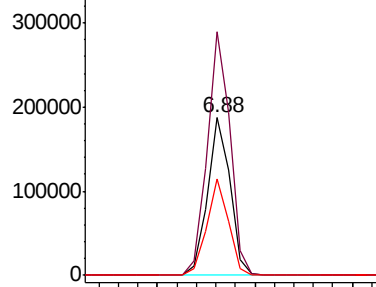


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

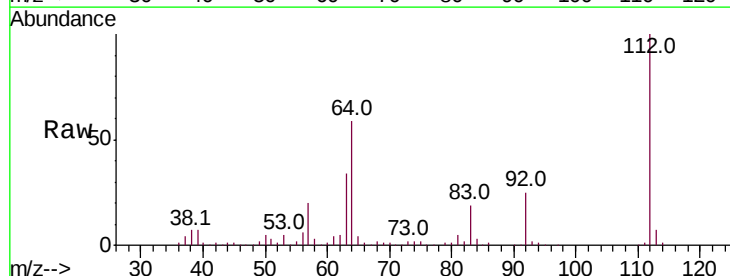
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.364 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	48.3	72.5
63	33.7	26.1	39.1

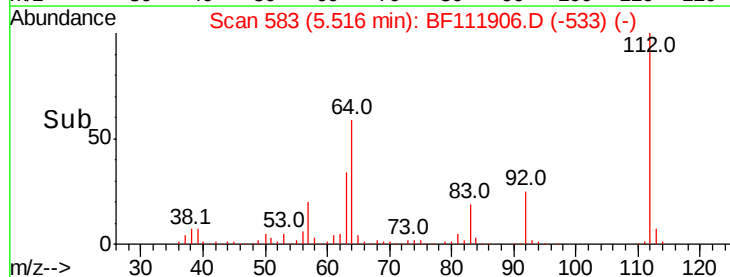
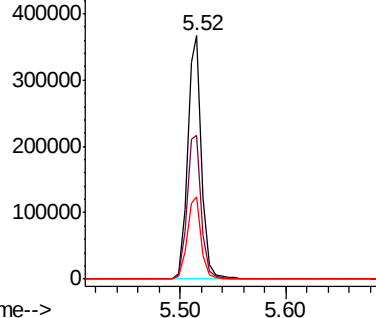


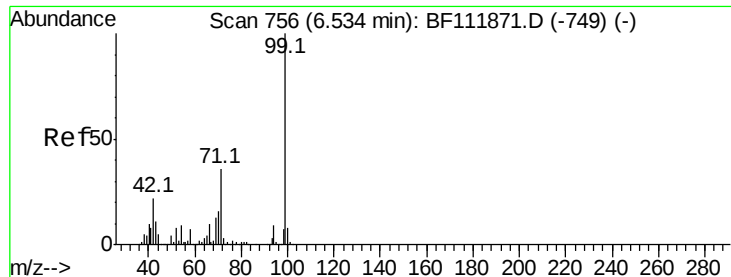
Abundance

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: 42.843 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111906.D

Acq: 8 Jan 2019 14:53

Instrument :

BNA_F

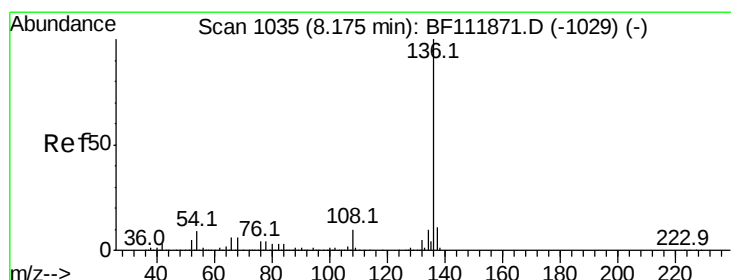
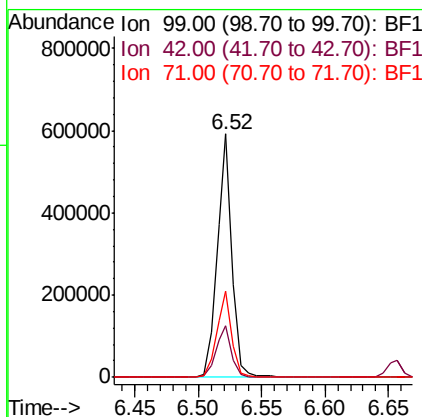
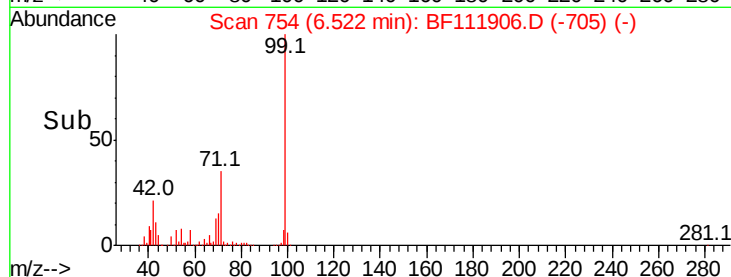
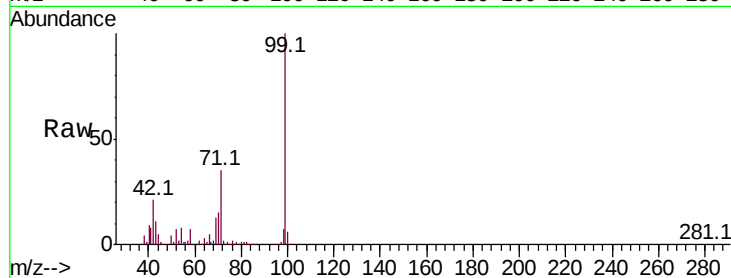
ClientSampleId :

EO-02-010419-A

Tot Ion:	99	Resp:	482849
Ion Ratio	Lower	Upper	
99	100		
42	21.5	17.9	26.9
71	35.2	28.7	43.1

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#21

Naphthalene-d8

Concen: 20.000 ng

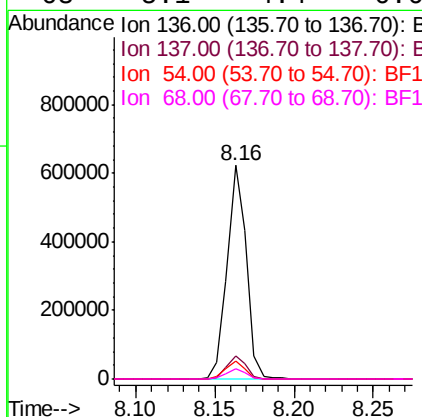
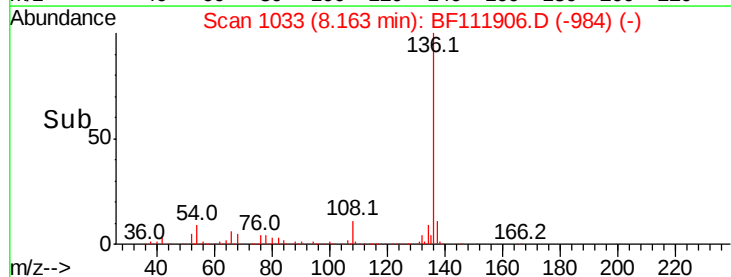
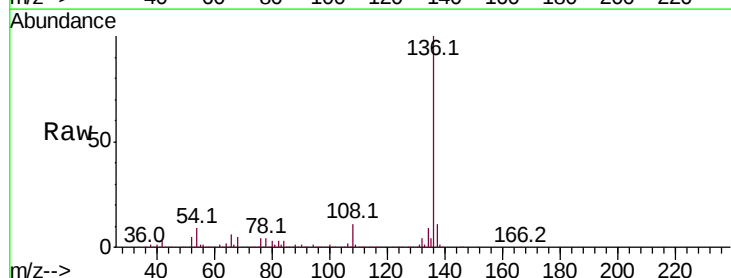
RT: 8.16 min Scan# 1033

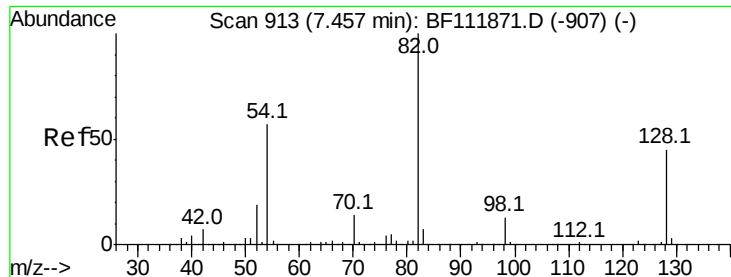
Delta R.T. -0.01 min

Lab File: BF111906.D

Acq: 8 Jan 2019 14:53

Tgt Ion:	136	Resp:	521740
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	8.7	7.2	10.8
68	5.1	4.4	6.6





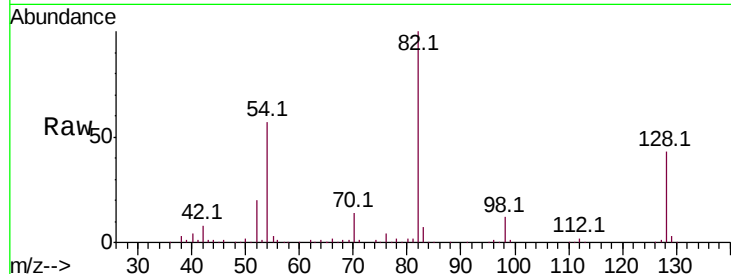
#23
 Nitrobenzene-d5
 Concen: 31.650 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF111906.D
 Acq: 8 Jan 2019 14:53

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.7	53.5
54	56.7	45.8	68.8

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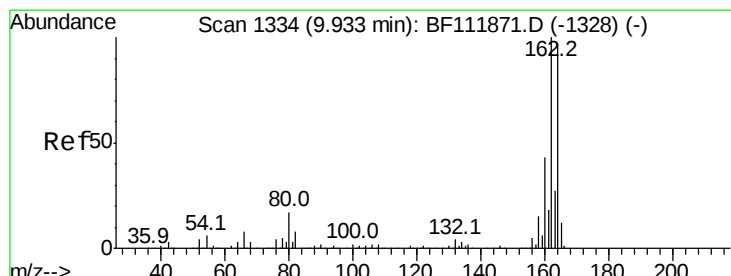
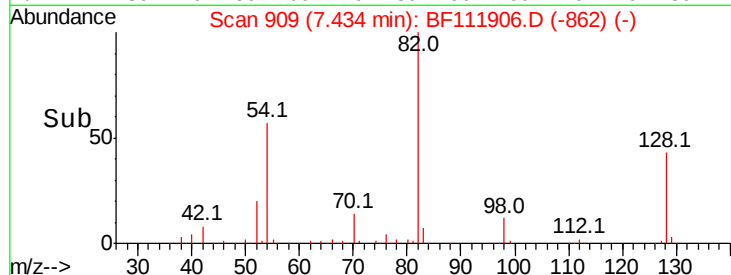
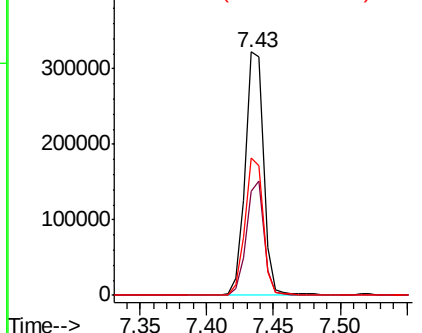


Abundance

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: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF111906.D
 Acq: 8 Jan 2019 14:53

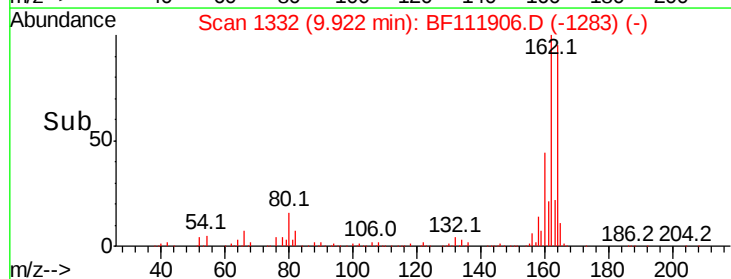
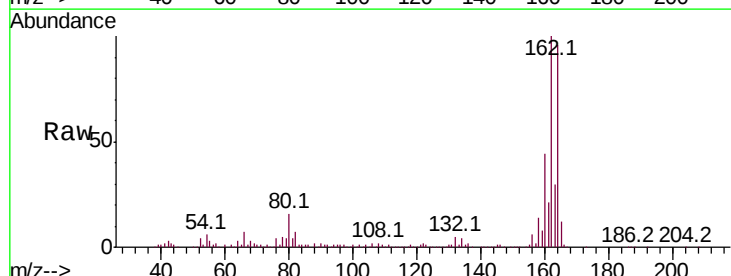
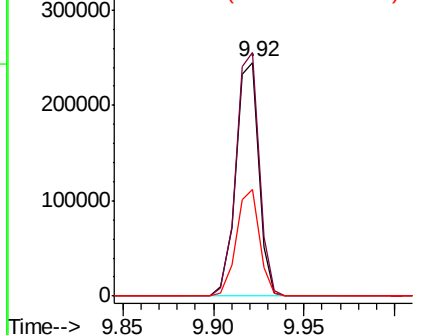
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.2
160	45.9	35.5	53.3

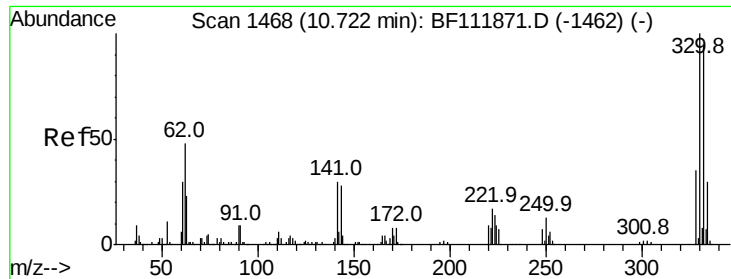
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





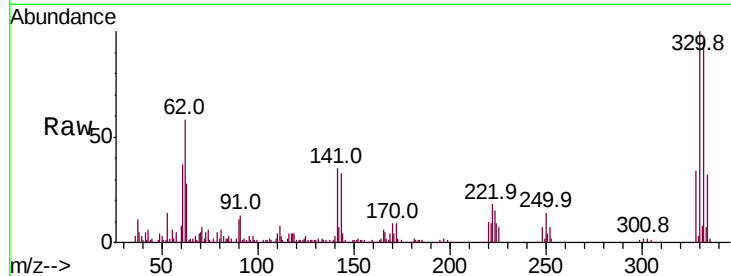
#42
 2,4,6-Tribromophenol
 Concen: 36.133 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF111906.D
 Acq: 8 Jan 2019 14:53

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

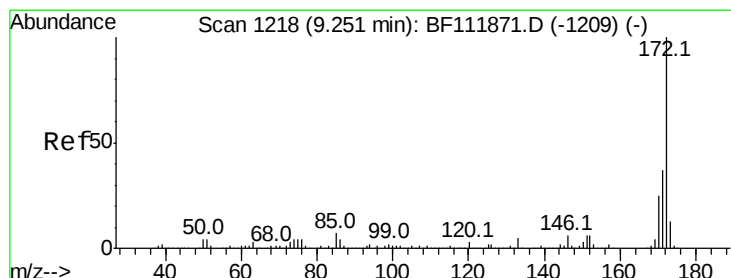
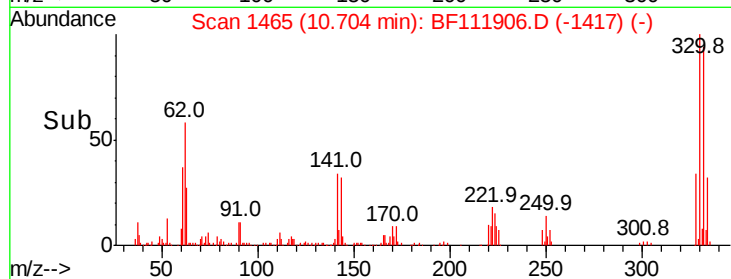
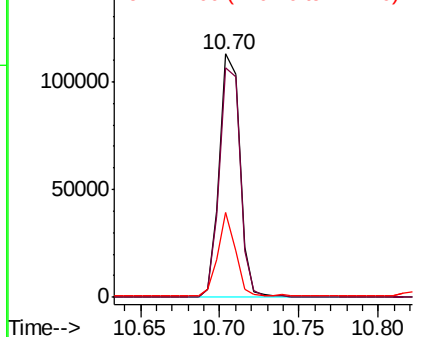
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	76.9	115.3	
141	29.0	23.7	35.5	

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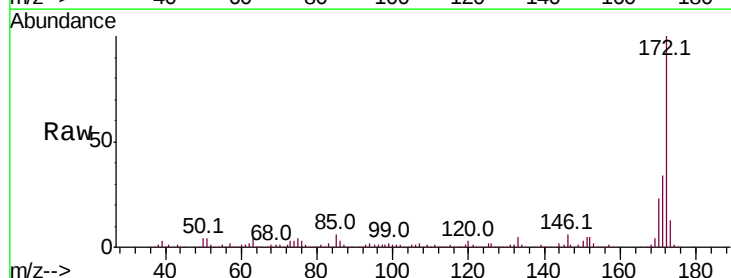


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

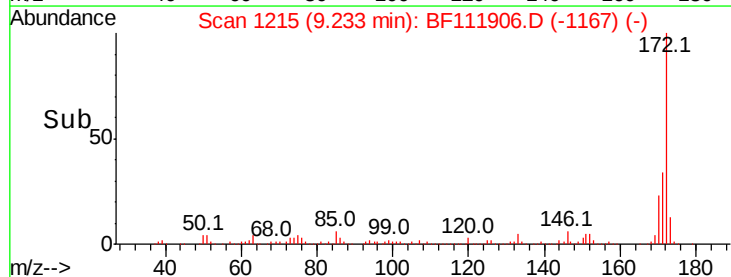
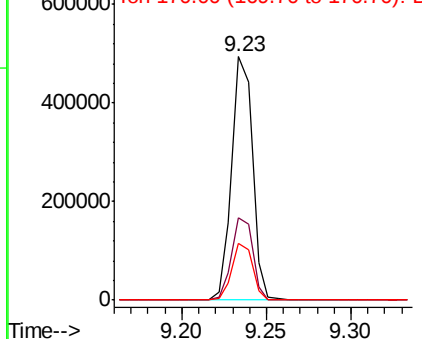


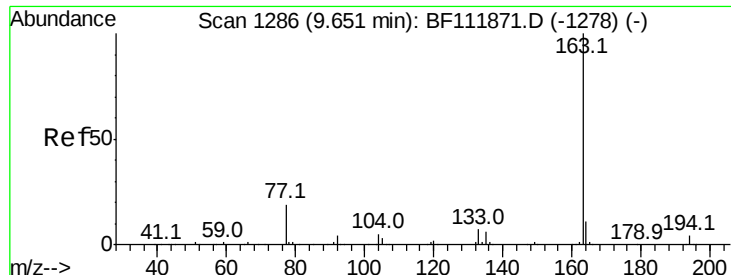
#45
 2-Fluorobiphenyl
 Concen: 28.419 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF111906.D
 Acq: 8 Jan 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.1	29.6	44.4	
170	23.3	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





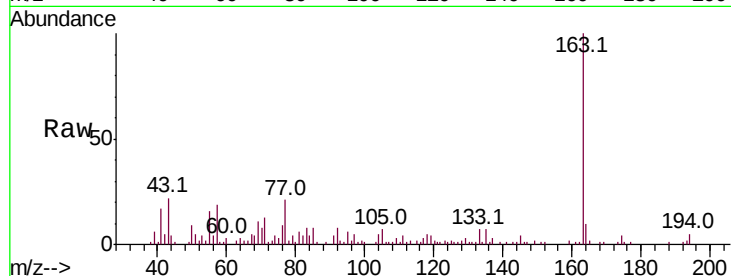
#50
Dimethylphthalate
Concen: 2.548 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

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

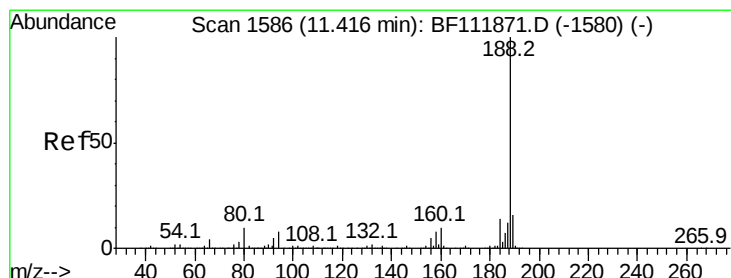
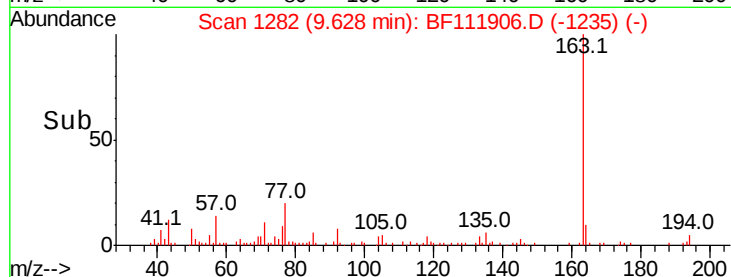
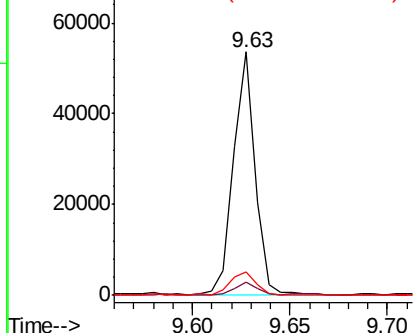
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.2#
164	9.6	8.5	12.7

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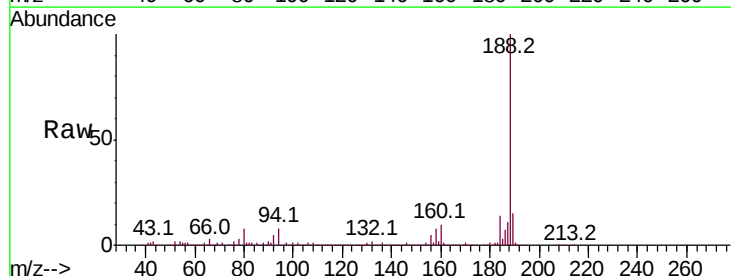


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

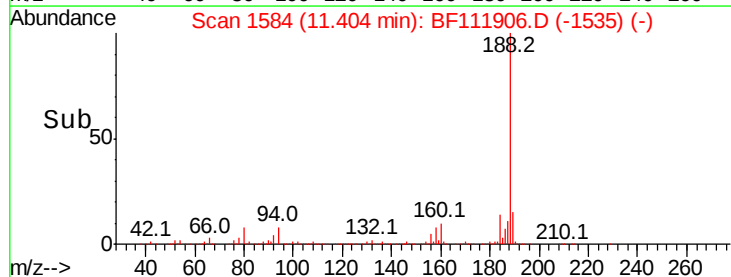
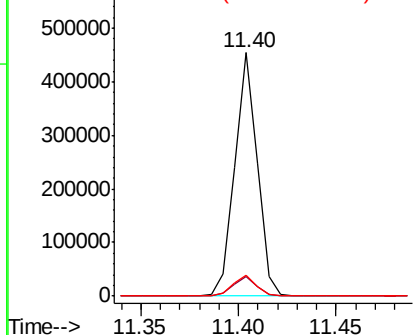


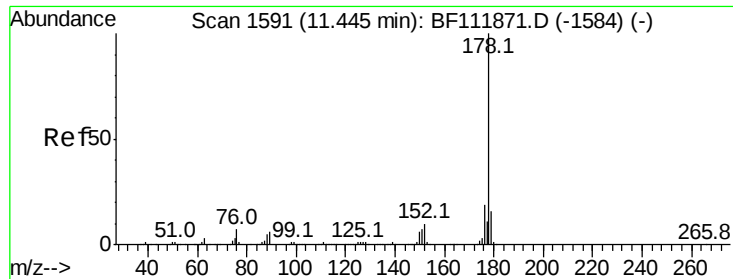
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.6	10.0
80	8.4	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





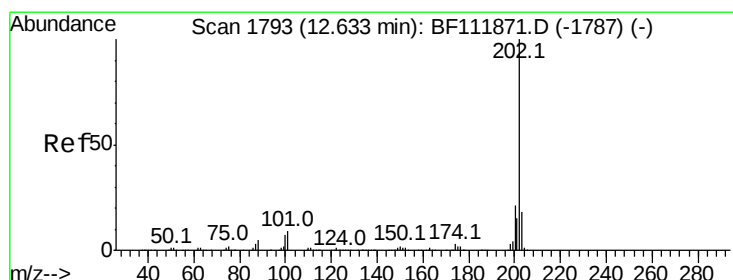
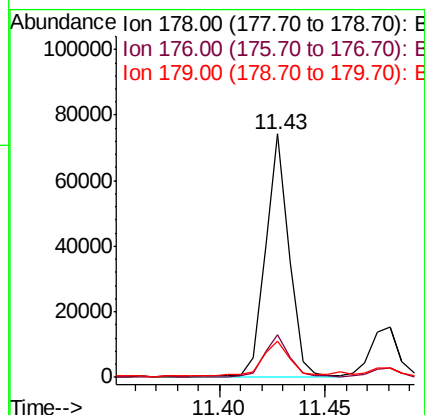
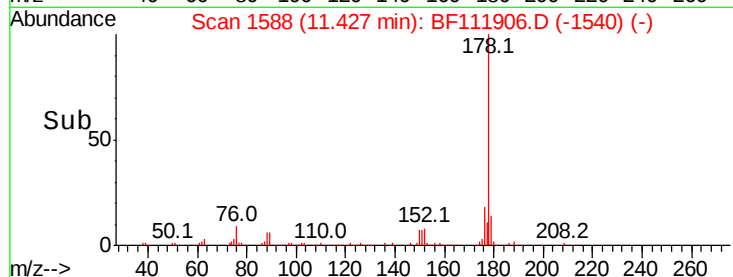
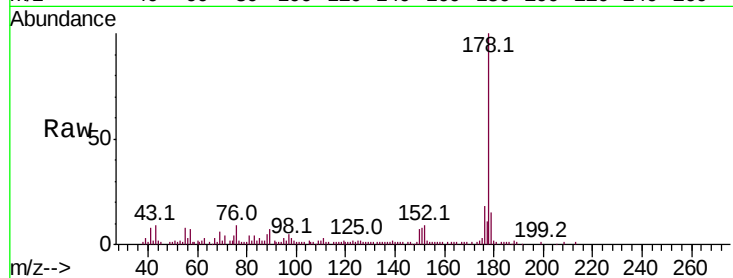
#71
Phenanthrene
Concen: 2.992 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

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

Tot Ion:	178	Resp:	58239
Ion Ratio	Lower	Upper	
178	100		
176	17.7	15.6	23.4
179	14.9	12.6	18.8

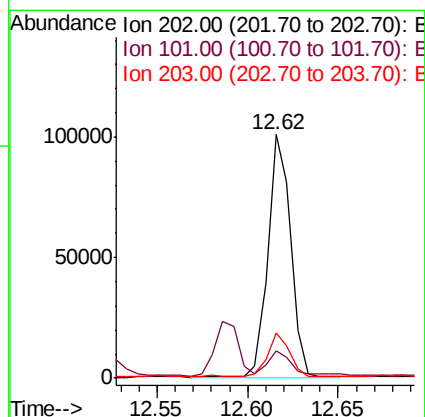
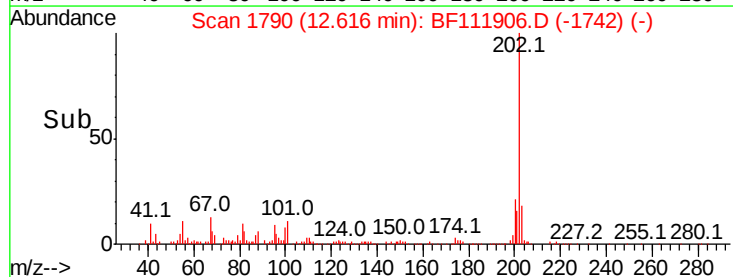
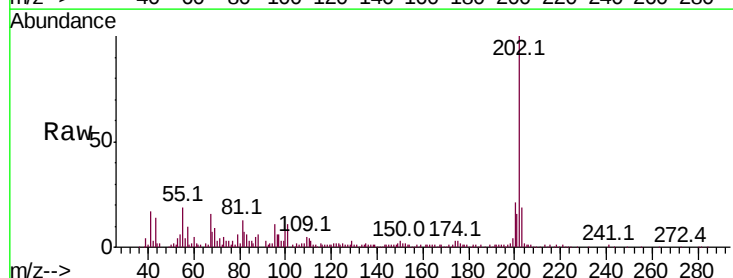
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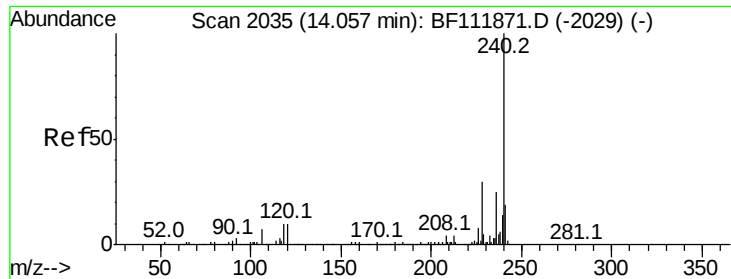
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#75
Fluoranthene
Concen: 4.383 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF111906.D
Acq: 8 Jan 2019 14:53

Tgt Ion:	202	Resp:	87567
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	29.3
203	18.6	0.0	37.6





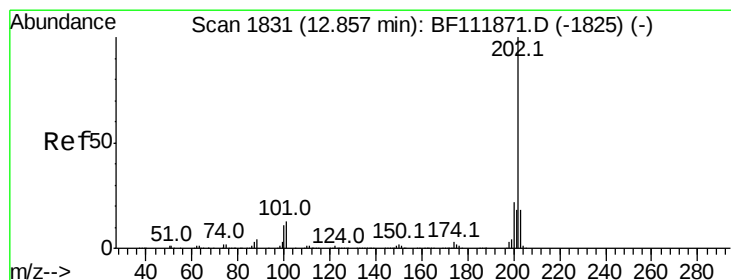
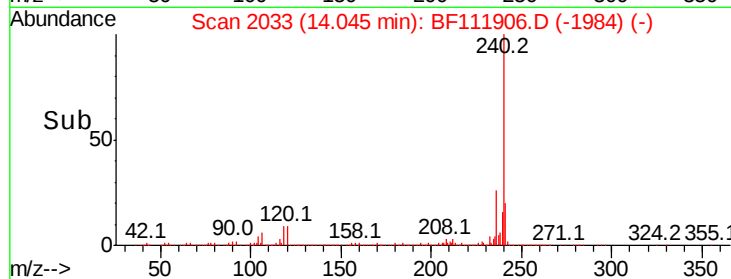
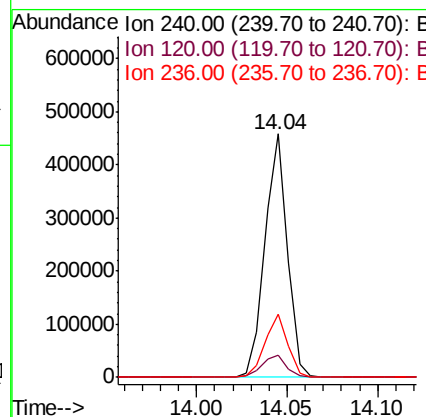
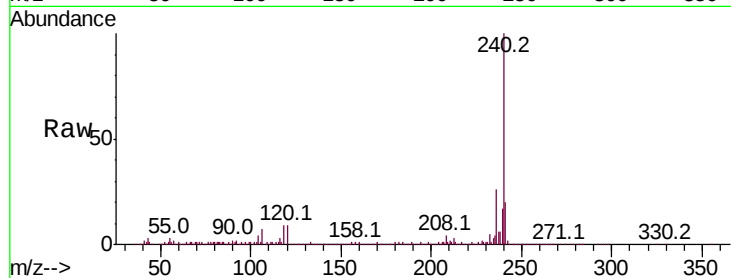
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF111906.D
 Acq: 8 Jan 2019 14:53

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	26.1	20.2	30.4

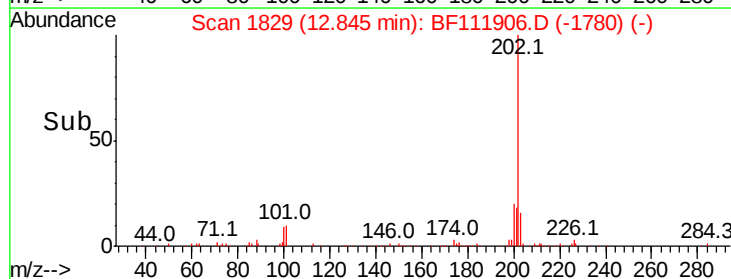
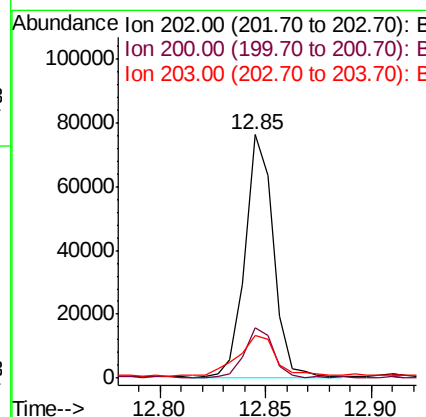
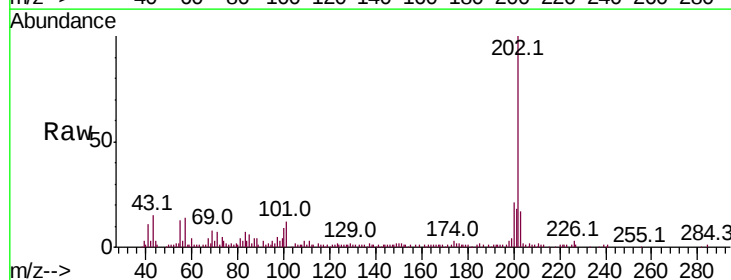
Manual Integrations
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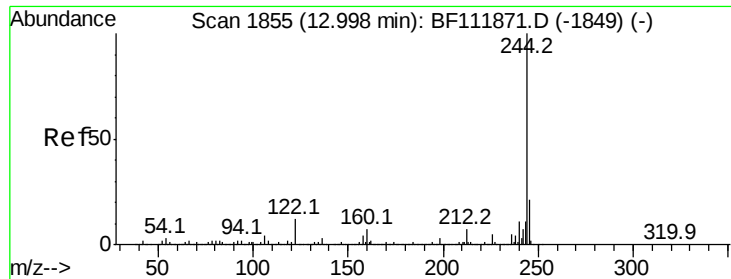
Sohil
 1/9/2019 10:36:39 AM



#78
 Pyrene
 Concen: 2.646 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF111906.D
 Acq: 8 Jan 2019 14:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.4	14.6	21.8





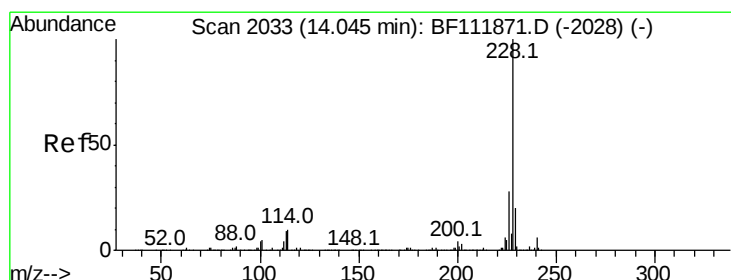
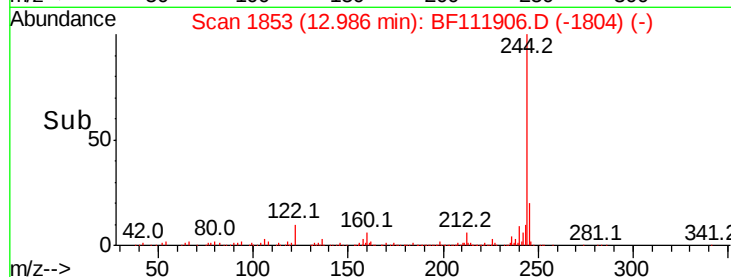
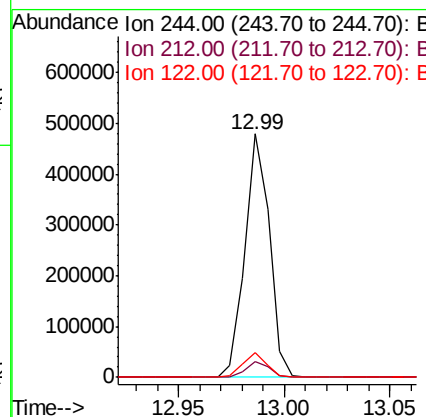
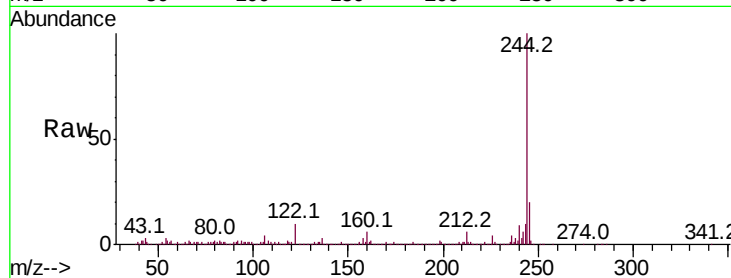
#79
 Terphenyl-d14
 Concen: 18.474 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF111906.D
 Acq: 8 Jan 2019 14:53

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	10.1	9.5	14.3

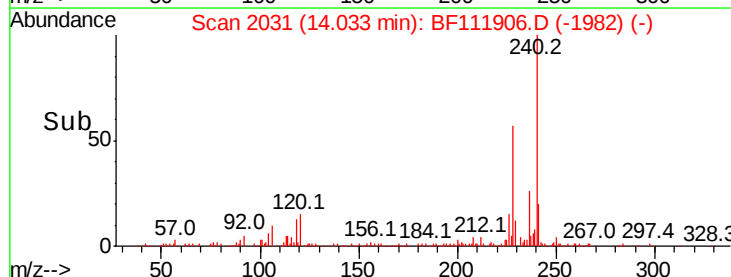
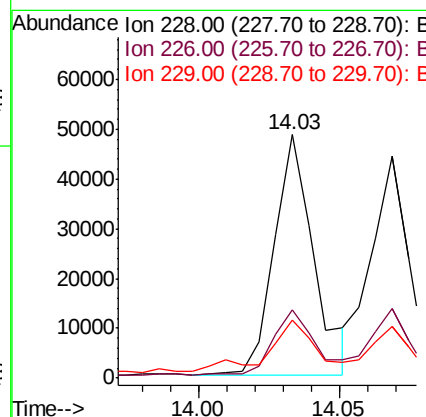
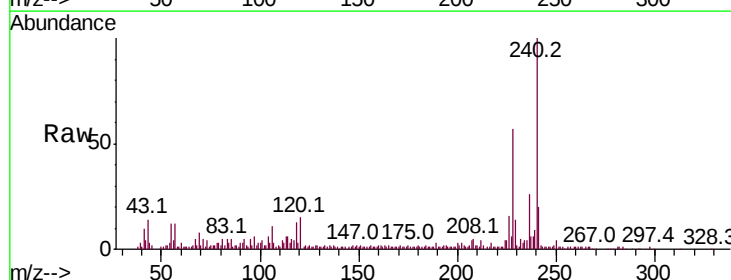
Manual Integrations
 APPROVED

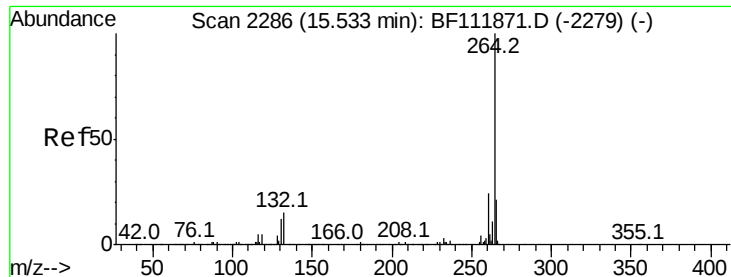
Sohil
 1/9/2019 10:36:39 AM



#81
 Benzo(a)anthracene
 Concen: 2.066 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF111906.D
 Acq: 8 Jan 2019 14:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.2
229	23.8	16.2	24.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BF111906.D

Acq: 8 Jan 2019 14:53

Instrument :

BNA_F

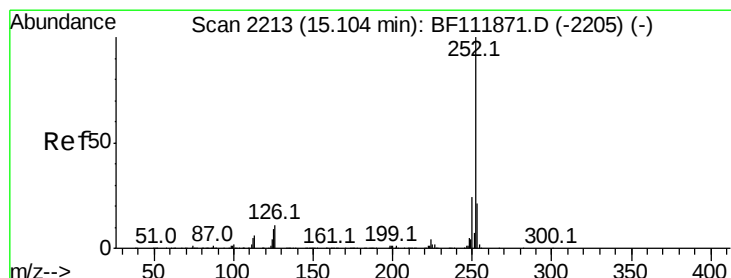
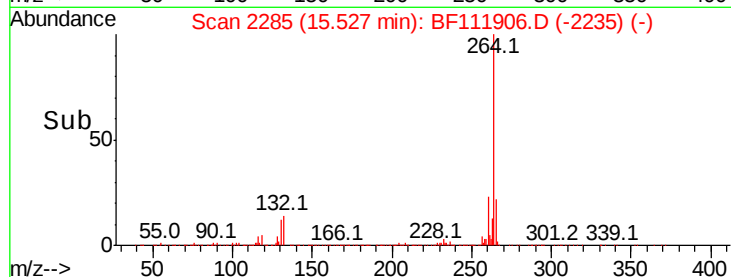
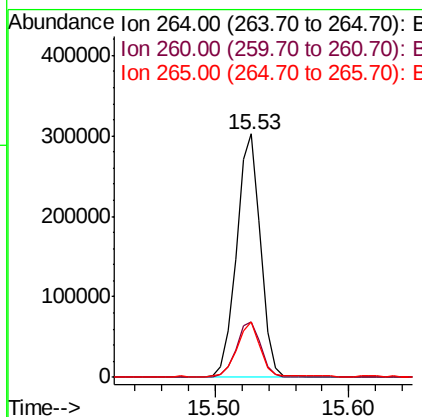
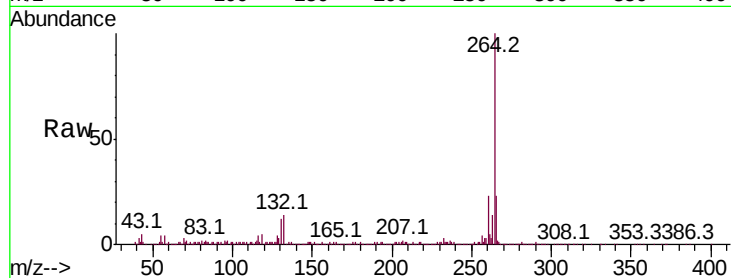
ClientSampleId :

EO-02-010419-A

Tot Ion:	264	Resp:	373521
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.2	28.8
265	22.5	17.1	25.7

Manual Integrations
APPROVED

Sohil
1/9/2019 10:36:39 AM



#88

Benzo(b)fluoranthene

Concen: 2.147 ng m

RT: 15.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BF111906.D

Acq: 8 Jan 2019 14:53

Tgt Ion:	252	Resp:	47982
Ion Ratio	Lower	Upper	
252	100		
253	27.1	17.0	25.6#
125	15.4	7.1	10.7#

