

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111830.D
 Acq On : 3 Jan 2019 19:27
 Operator : JU/SJ
 Sample : K1017-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Manual Integrations
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 1/4/2019 9:56:46 AM

Quant Time: Jan 04 03:09:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	289220	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1109575	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	558066	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	876110	20.00	ng	0.01
76) Chrysene-d12	14.06	240	593172	20.00	ng	0.01
87) Perylene-d12	15.55	264	449867	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	1618820	95.41	ng	0.02
7) Phenol-d6	6.55	99	2150815	99.60	ng	0.02
23) Nitrobenzene-d5	7.46	82	1369381	71.84	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	610359	92.56	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	2400088	62.69	ng	0.00
79) Terphenyl-d14	13.01	244	1788563	57.18	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.56	94	113591	4.662	ng	96
50) Dimethylphthalate	9.65	163	424225	10.395	ng	97
71) Phenanthrene	11.45	178	116972	2.518	ng	92
75) Fluoranthene	12.64	202	172929	3.675	ng	93
78) Pyrene	12.86	202	157307	3.755	ng	96
81) Benzo(a)anthracene	14.05	228	82019	2.423	ng	99
83) Chrysene	14.09	228	74248	2.232	ng	96
88) Benzo(b)fluoranthene	15.12	252	87000m	3.309	ng	
90) Benzo(a)pyrene	15.49	252	51665m	2.163	ng	

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

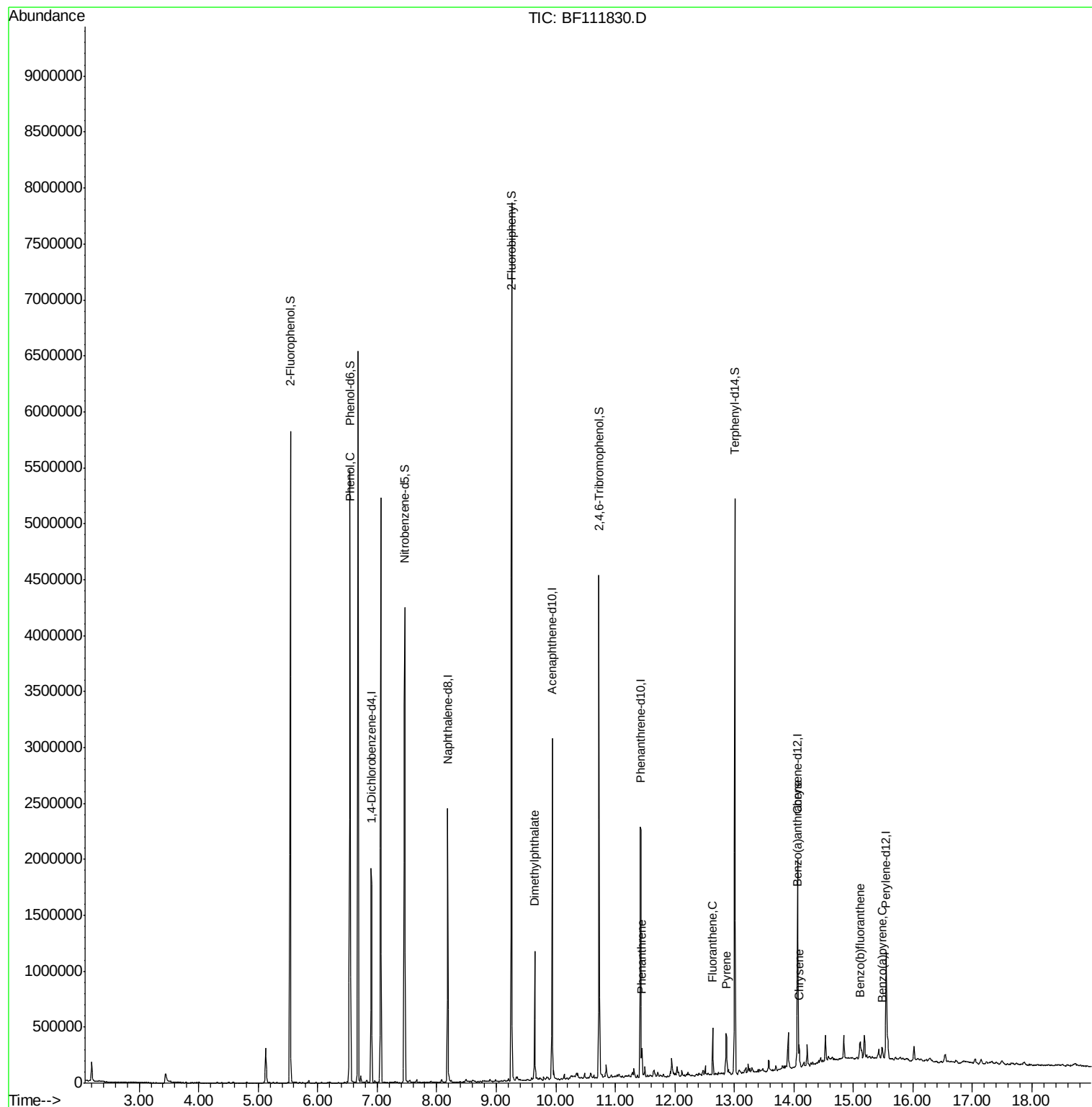
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111830.D
Acq On : 3 Jan 2019 19:27
Operator : JU/SJ
Sample : K1017-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

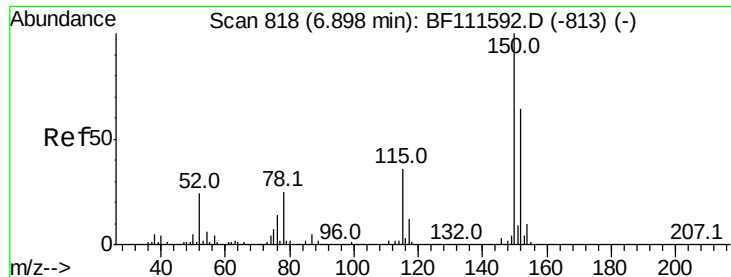
Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Time: Jan 04 03:09:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

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#1

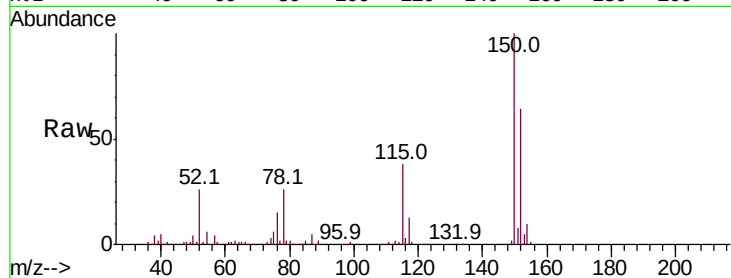
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.6	189.8
115	59.3	50.7	76.1

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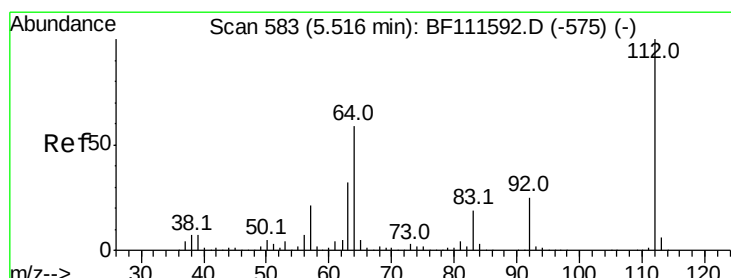
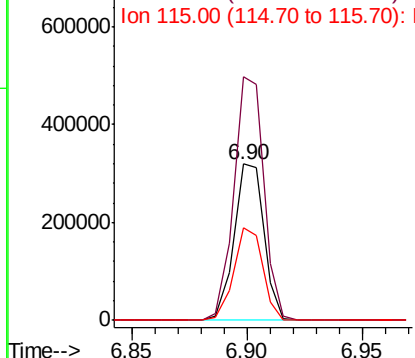
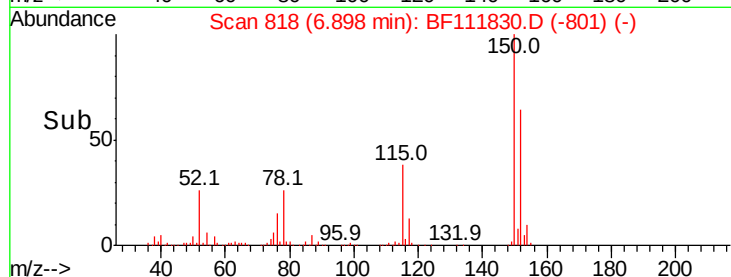


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

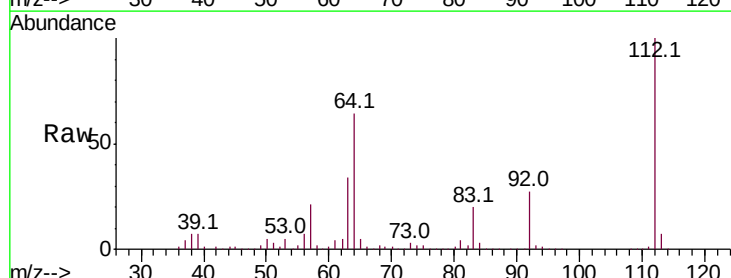
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.406 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	51.8	77.6
63	34.0	26.8	40.2

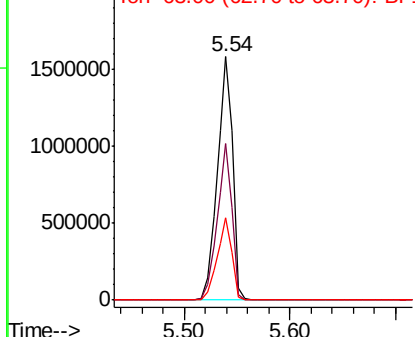
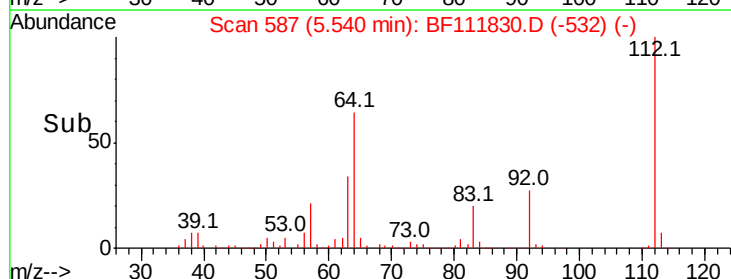


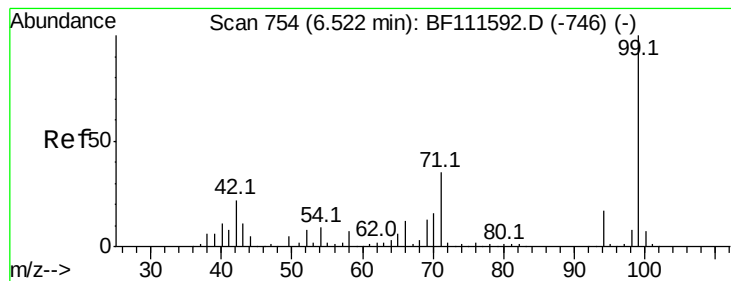
Abundance

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: 99.603 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111830.D

Acq: 3 Jan 2019 19:27

Instrument :

BNA_F

ClientSampled :

TP-6

Tot Ion: 99 Resp: 2150815

Ion Ratio Lower Upper

99 100

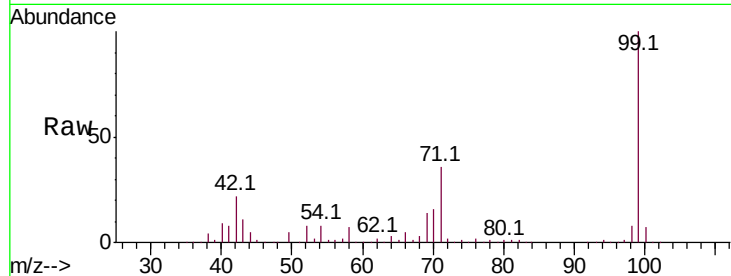
42 22.3 17.4 26.0

71 36.1 26.1 39.1

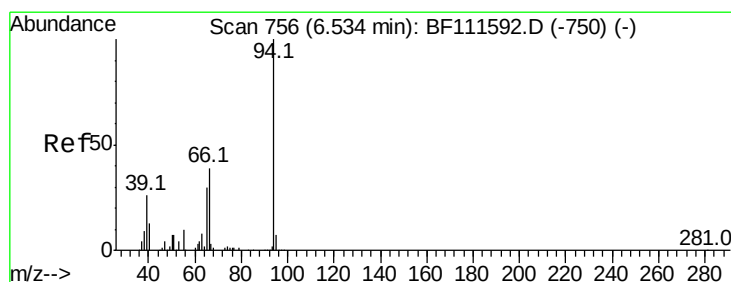
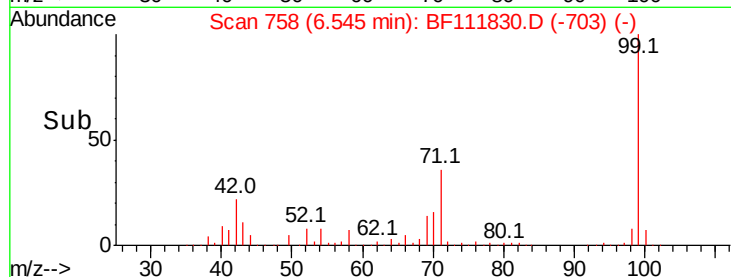
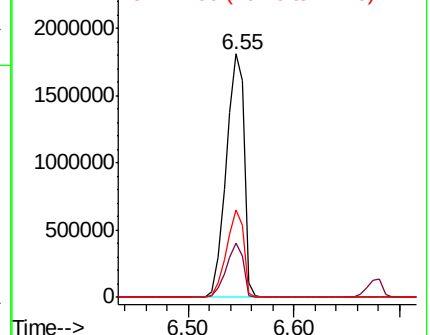
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Abundance Ion 99.00 (98.70 to 99.70): BF1
2500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.662 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111830.D

Acq: 3 Jan 2019 19:27

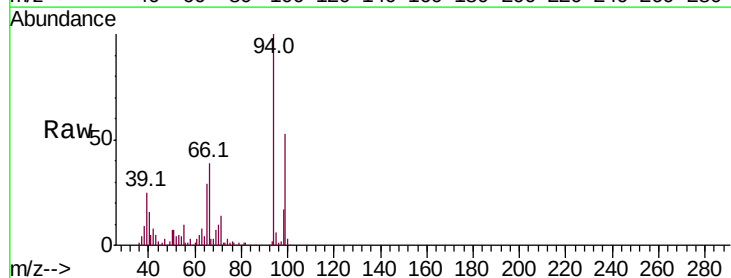
Tgt Ion: 94 Resp: 113591

Ion Ratio Lower Upper

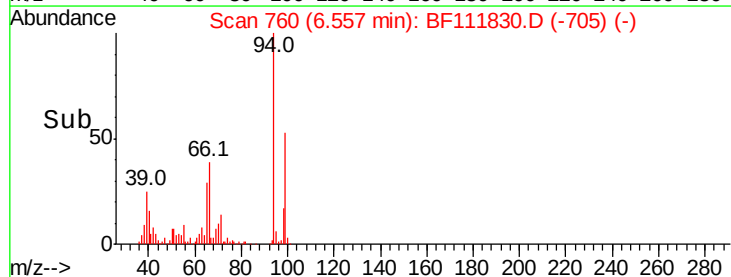
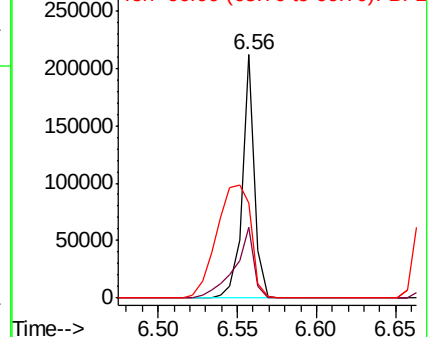
94 100

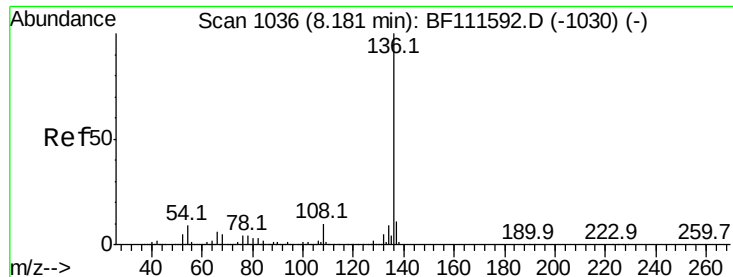
65 29.2 11.7 51.7

66 39.0 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
250000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





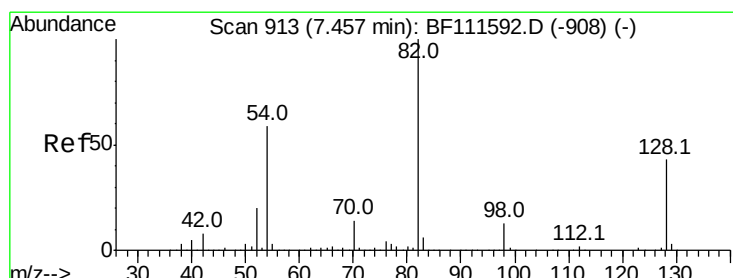
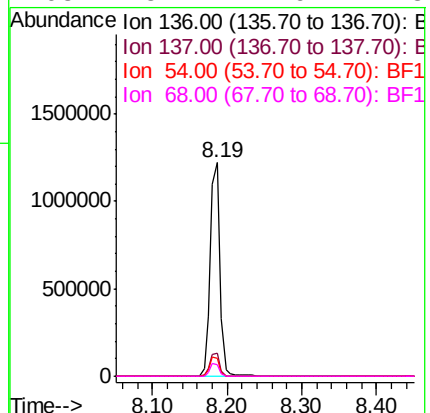
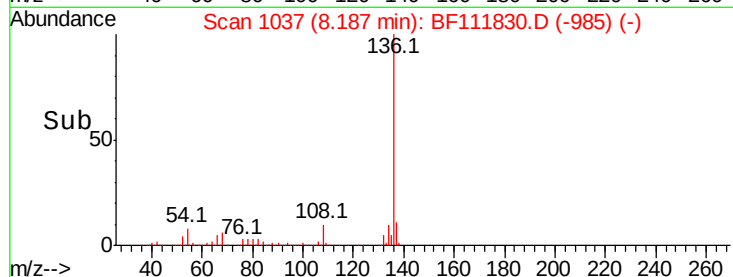
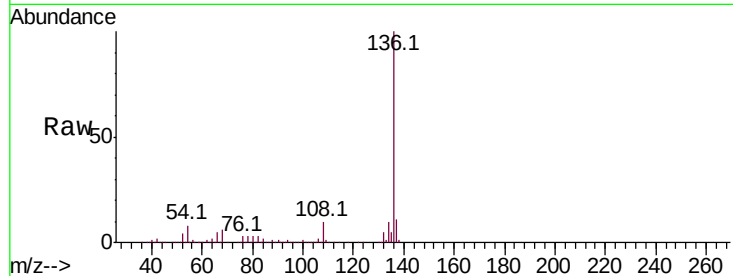
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.1	7.7	11.5
68	5.7	4.9	7.3

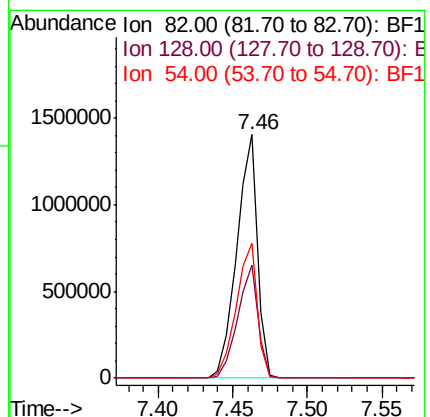
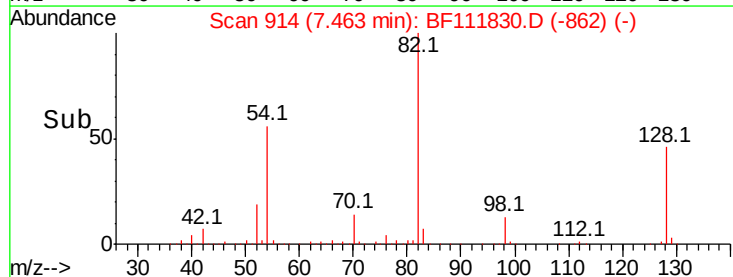
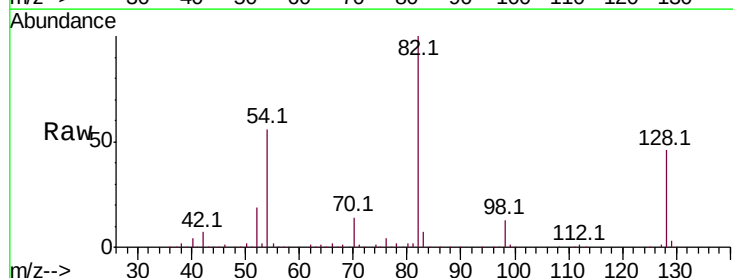
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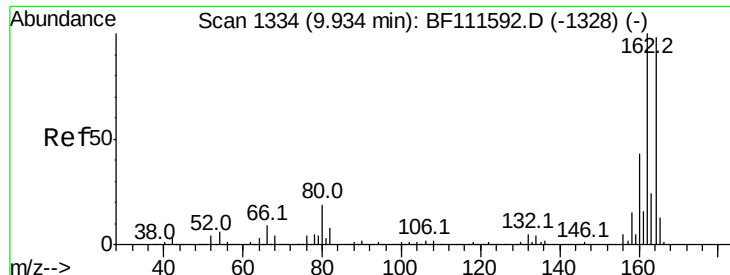
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#23
Nitrobenzene-d5
Concen: 71.837 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.4	56.2
54	55.6	47.6	71.4





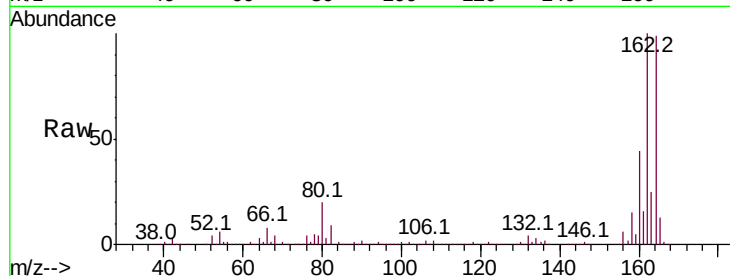
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Instrument :
BNA_F
ClientSampleId :
TP-6

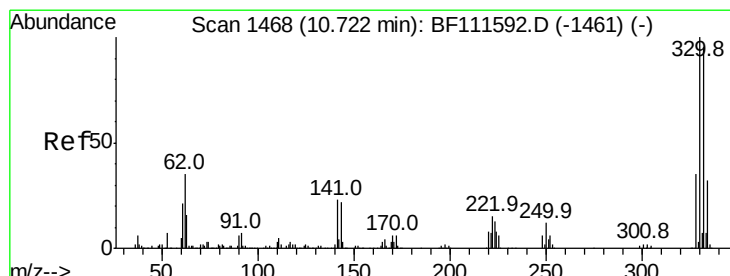
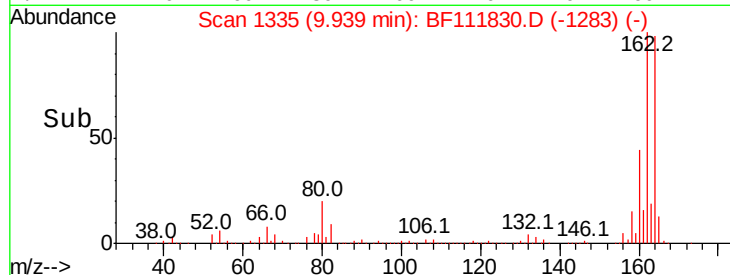
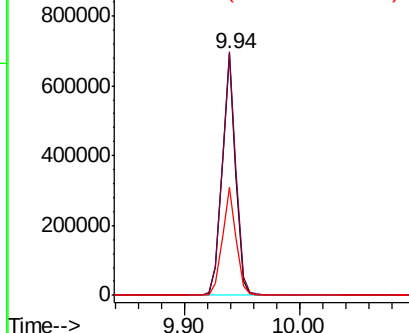
Tot Ion	Ratio	Resp	Lower	Upper
164	100	558066		
162	101.0		81.4	122.0
160	44.8		35.7	53.5

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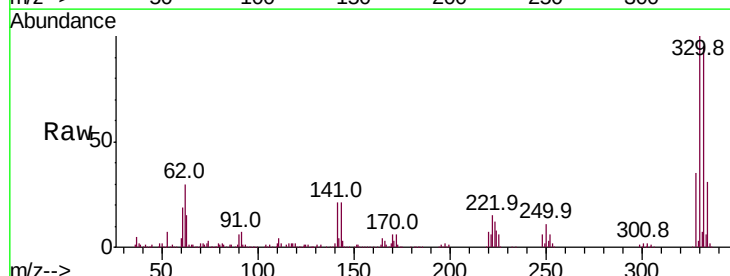


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

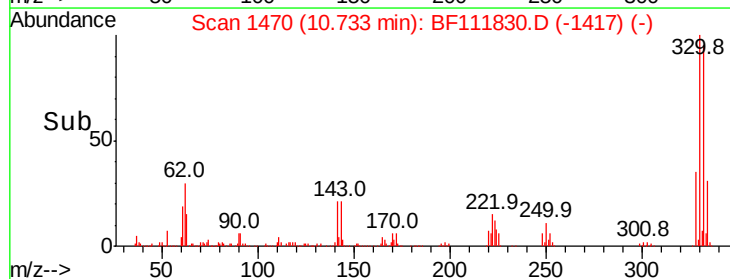
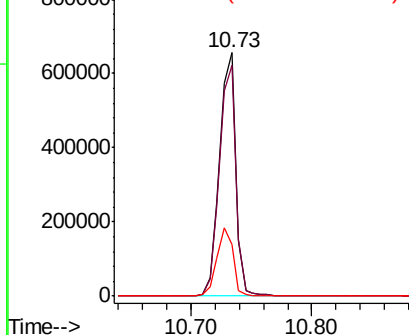


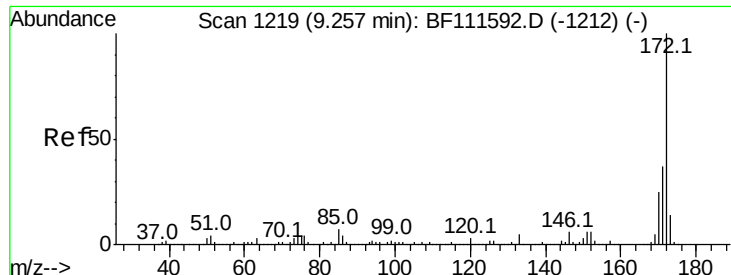
#42
2,4,6-Tribromophenol
Concen: 92.563 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	610359		
332	96.0		76.0	114.0
141	27.7		31.0	46.6#



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





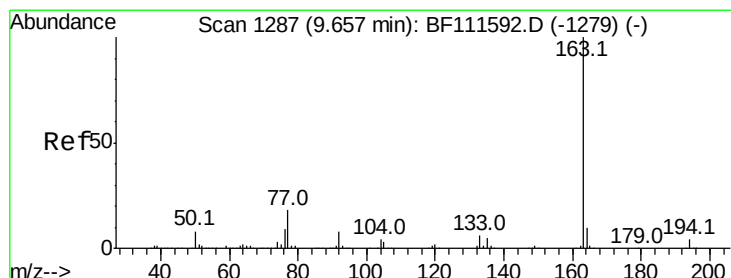
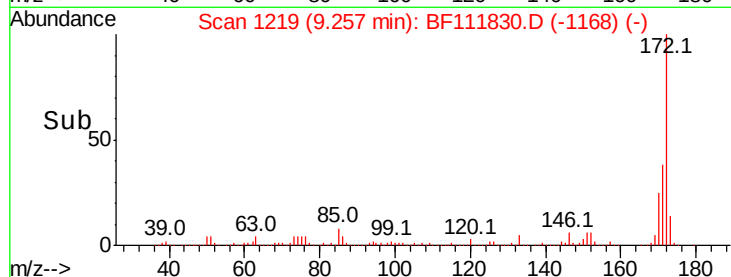
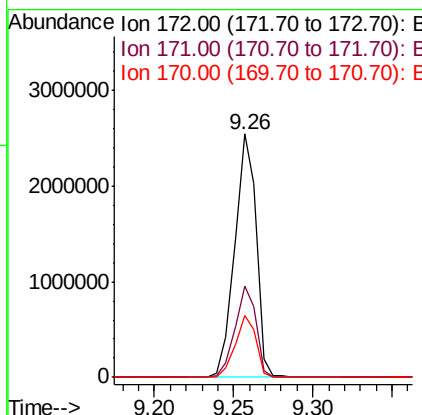
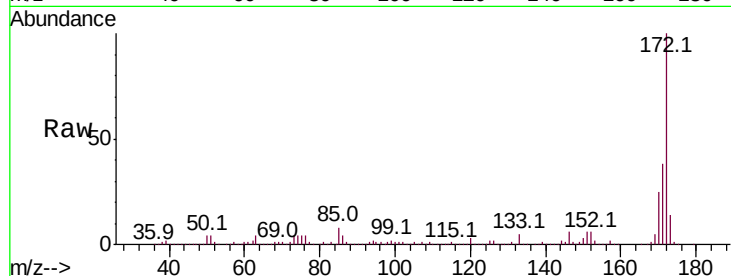
#45
2-Fluorobiphenyl
Concen: 62.686 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	33.0	49.4
170	25.4	22.3	33.5

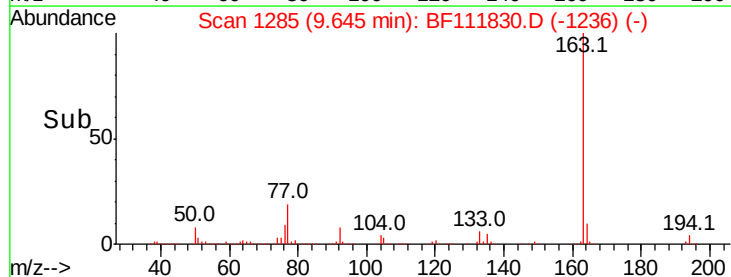
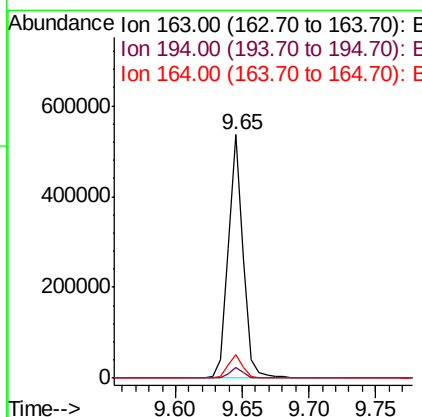
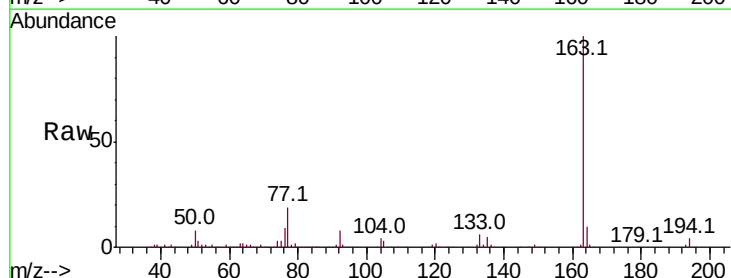
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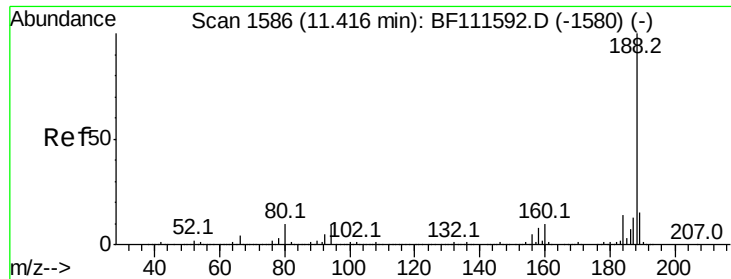
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#50
Dimethylphthalate
Concen: 10.395 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.8	8.9	13.3





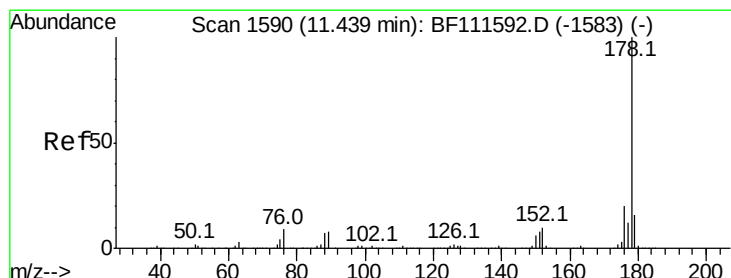
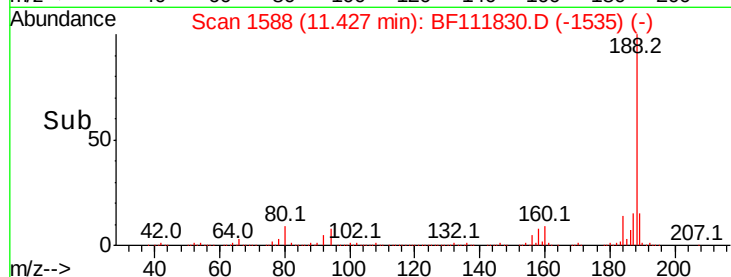
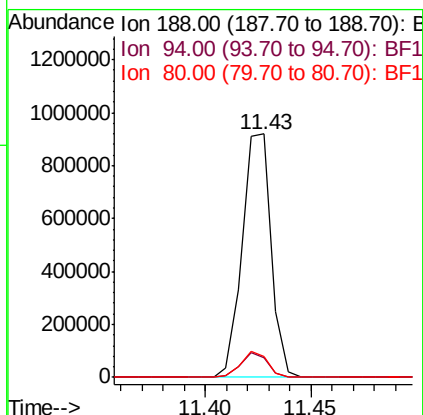
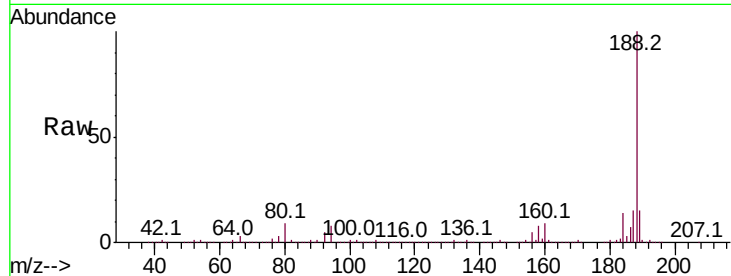
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion	Ratio	Resp	Lower	Upper
188	100	876110		
94	8.1	9.6	14.4#	
80	8.6	9.8	14.6#	

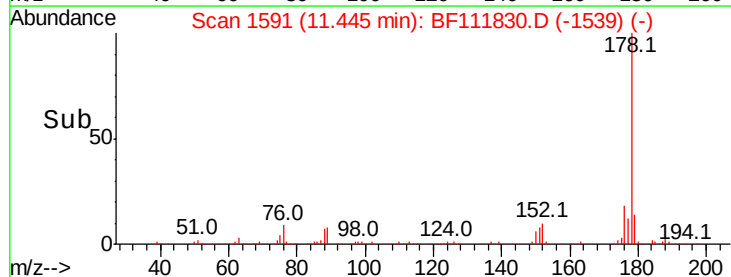
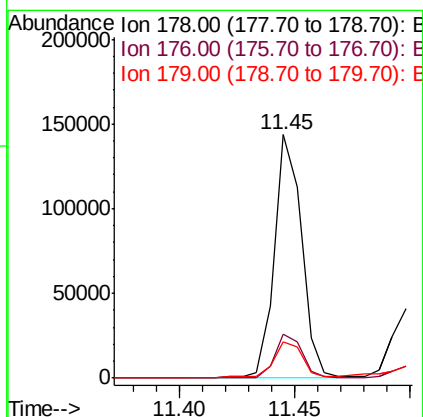
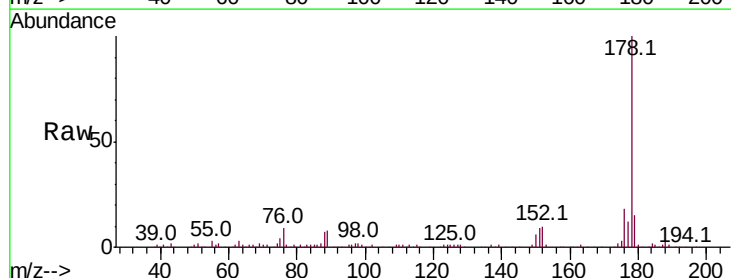
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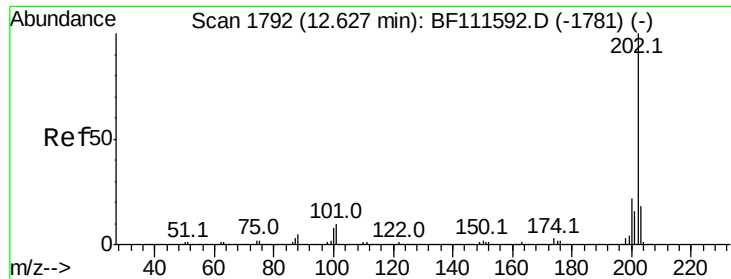
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#71
Phenanthrene
Concen: 2.518 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	116972		
176	18.2	18.1	27.1	
179	14.7	14.0	21.0	





#75

Fluoranthene

Concen: 3.675 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111830.D

Acq: 3 Jan 2019 19:27

Instrument :

BNA_F

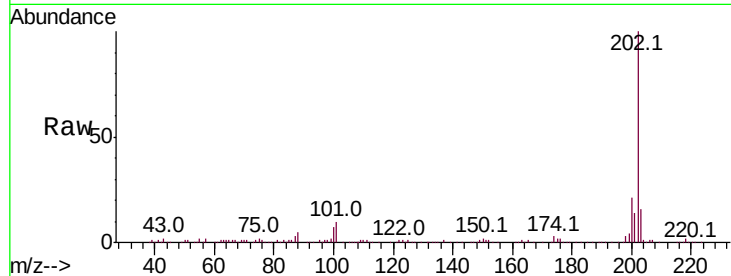
ClientSampled :

TP-6

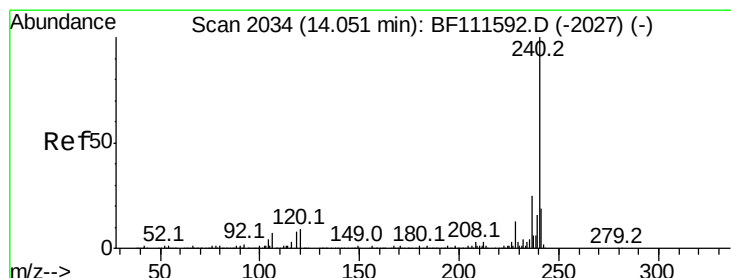
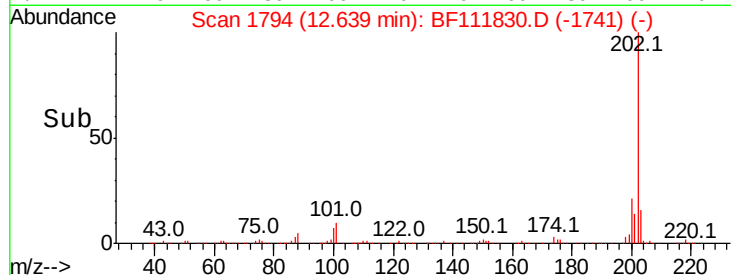
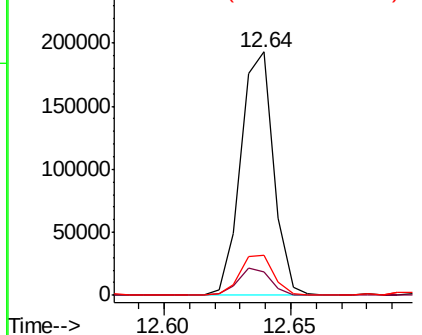
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	0.0	33.8
203	16.4	0.0	38.6

Manual Integrations
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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: 14.06 min Scan# 2036

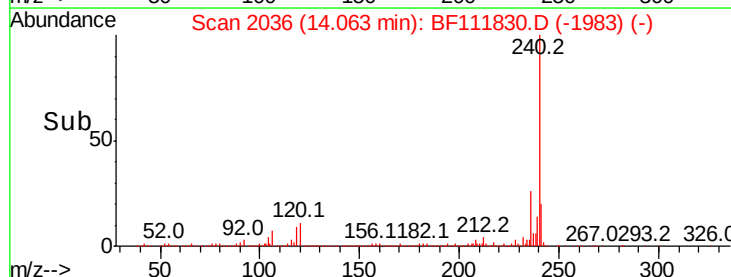
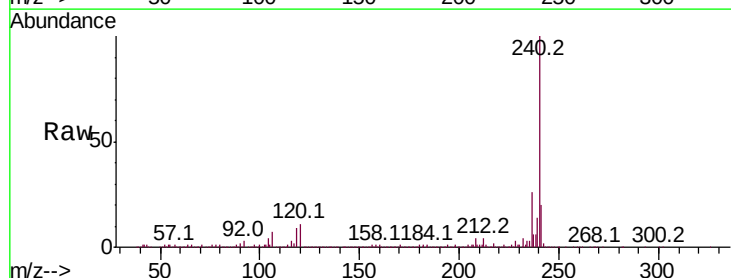
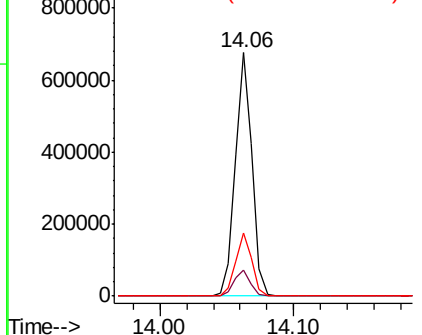
Delta R.T. 0.01 min

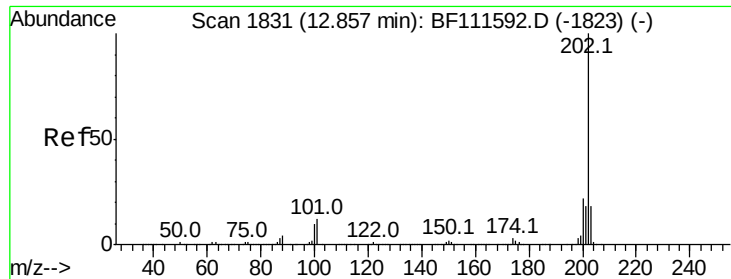
Lab File: BF111830.D

Acq: 3 Jan 2019 19:27

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.7	12.2	18.2#
236	26.2	20.2	30.2

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





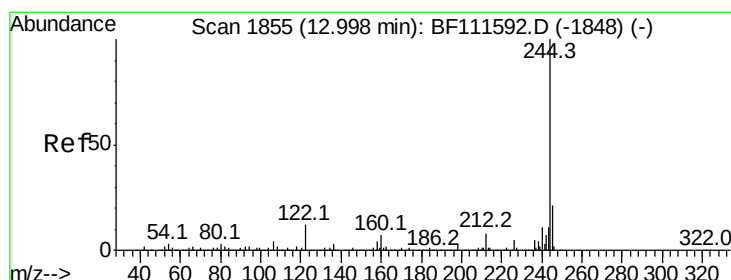
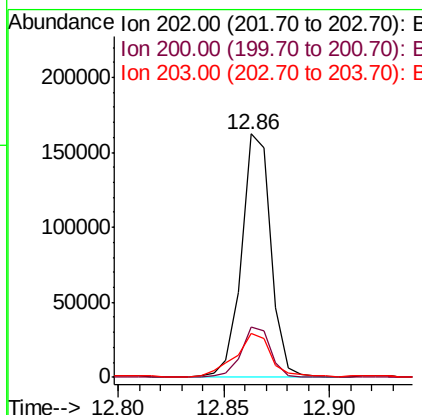
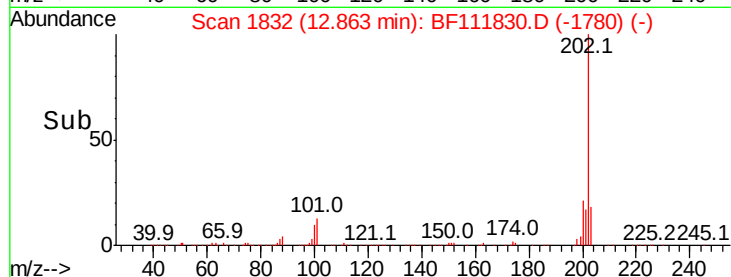
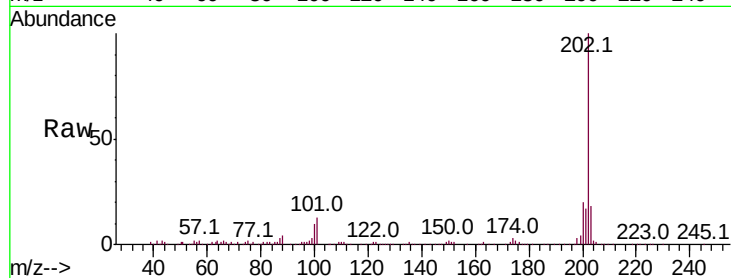
#78
Pvrene
Concen: 3.755 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	19.0	28.4
203	18.2	15.2	22.8

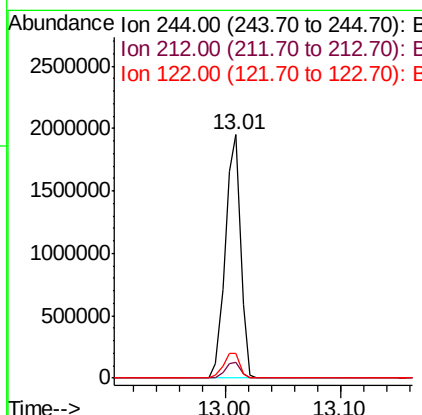
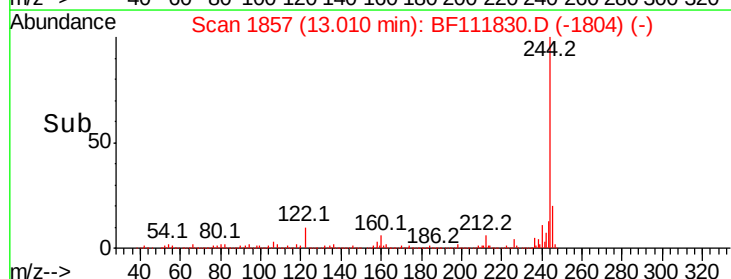
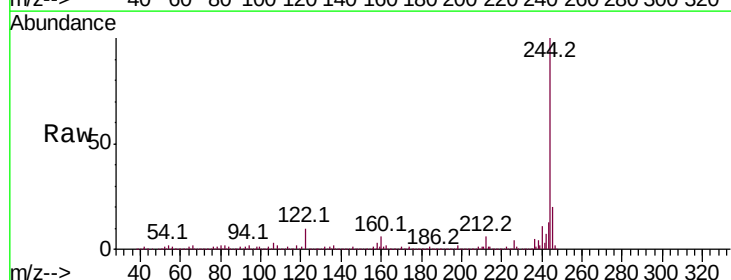
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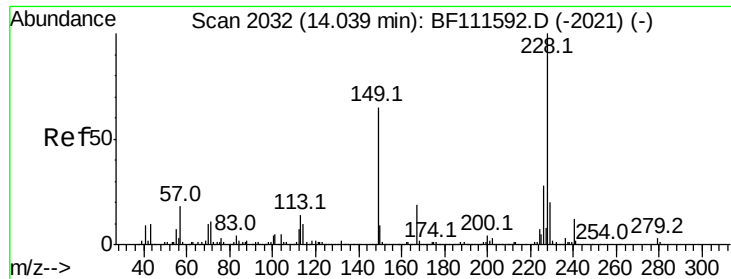
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#79
Terphenyl-d14
Concen: 57.182 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	10.1	13.1	19.7#





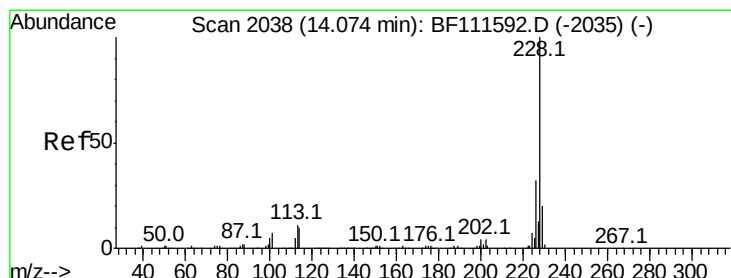
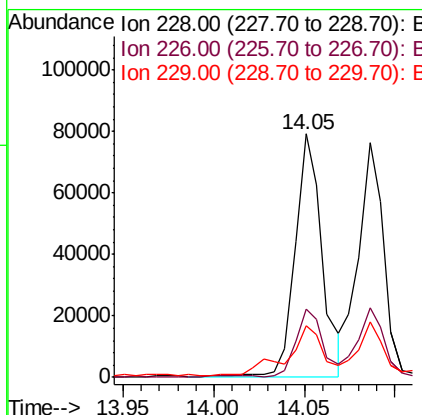
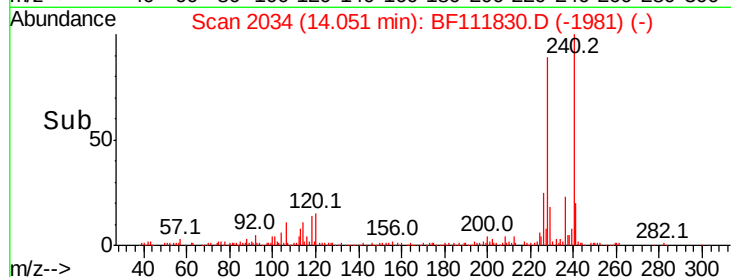
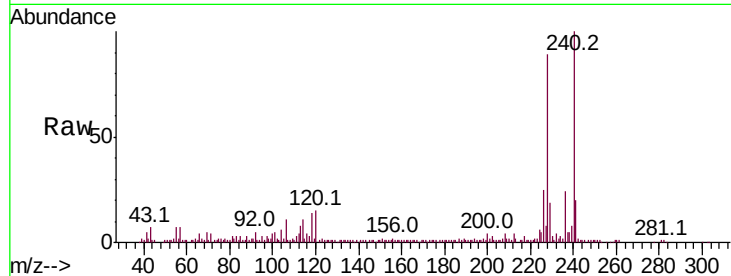
#81
Benzo(a)anthracene
Concen: 2.423 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	34.0
229	21.2	16.3	24.5

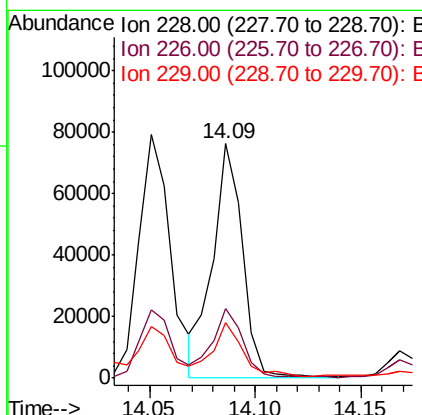
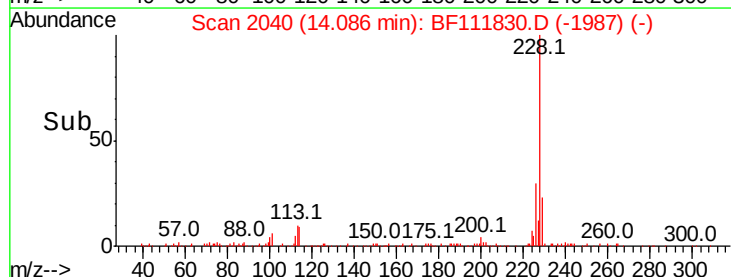
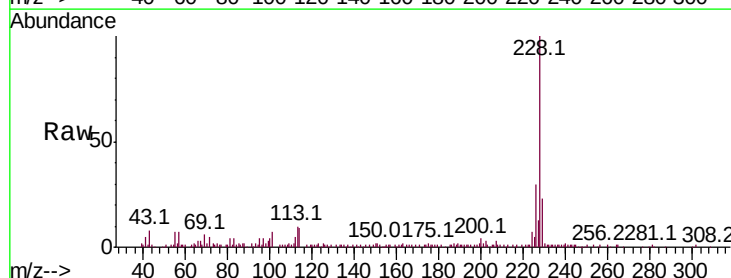
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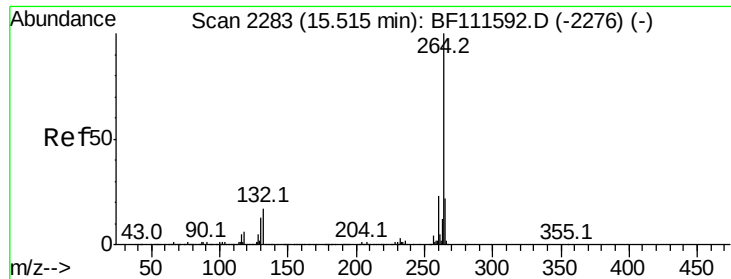
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#83
Chrysene
Concen: 2.232 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.3	37.9
229	23.4	17.2	25.8





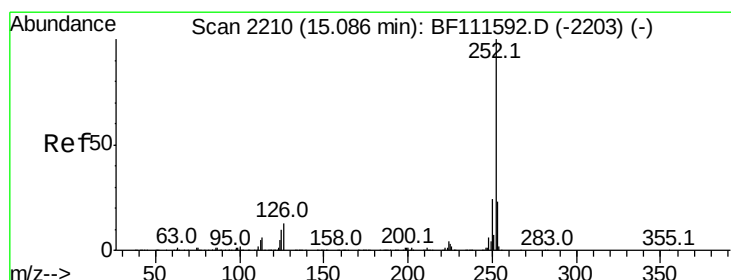
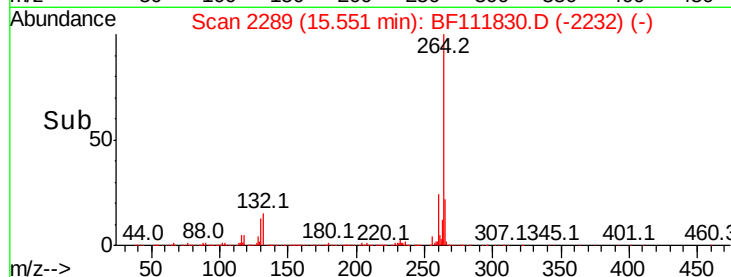
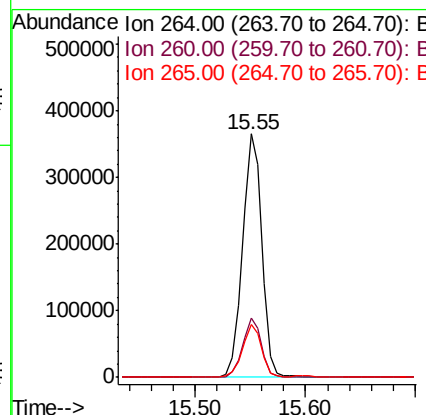
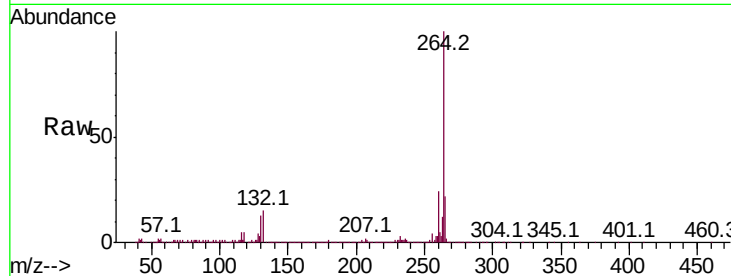
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.3	27.5
265	22.0	17.7	26.5

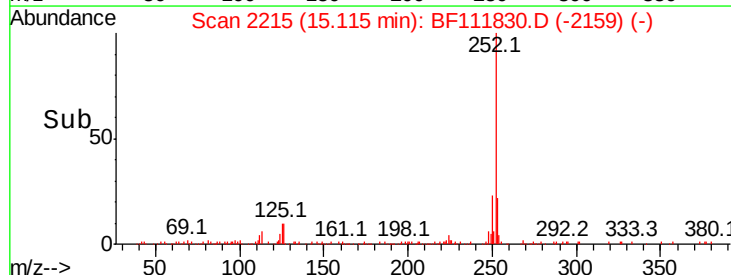
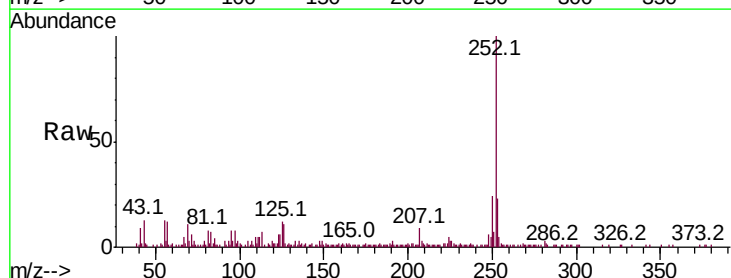
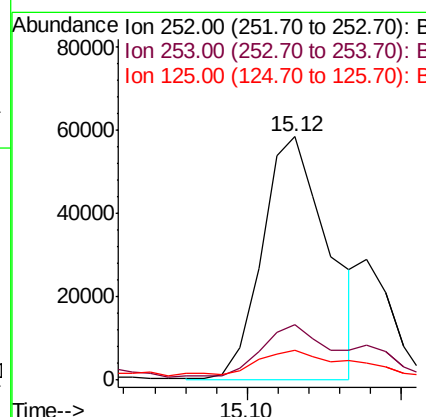
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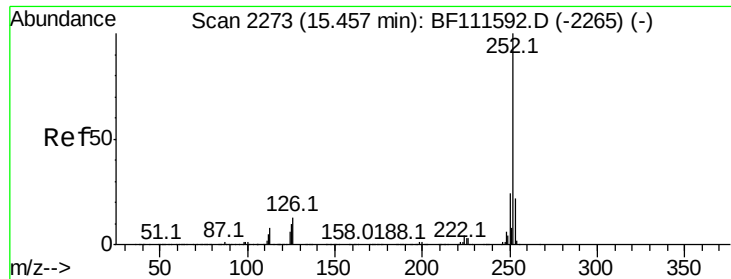
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#88
Benzo(b)fluoranthene
Concen: 3.309 ng m
RT: 15.12 min Scan# 2215
Delta R.T. 0.03 min
Lab File: BF111830.D
Acq: 3 Jan 2019 19:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	12.4	10.4	15.6





#90
 Benzo(a)pyrene
 Concen: 2.163 ng/ml
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.03 min
 Lab File: BF111830.D
 Acq: 3 Jan 2019 19:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	12.1	12.3	18.5

Manual Integrations
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Sohil
 1/4/2019 9:56:46 AM

