

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111441.D
 Acq On : 15 Dec 2018 1:35
 Operator : JU/SJ
 Sample : J6322-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-2-120718

Manual Integrations
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Sohil
 12/17/2018 2:37:13 PM

Quant Time: Dec 15 03:10:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	207131	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	757625	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	290395	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	474151	20.00	ng	0.00
76) Chrysene-d12	13.95	240	368696	20.00	ng	0.00
87) Perylene-d12	15.39	264	256568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1155335	92.82	ng	0.01
7) Phenol-d6	6.44	99	1548374	93.52	ng	0.00
23) Nitrobenzene-d5	7.36	82	1065010	83.71	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	276604	106.33	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1570340	83.53	ng	0.00
79) Terphenyl-d14	12.90	244	1259824	80.24	ng	0.00
Target Compounds						
10) Phenol	6.45	94	82434	4.469	ng	94
50) Dimethylphthalate	9.55	163	120558	5.765	ng	# 96
71) Phenanthrene	11.34	178	89484	3.663	ng	94
75) Fluoranthene	12.53	202	139823	5.850	ng	96
78) Pyrene	12.76	202	118779	4.569	ng	95
81) Benzo(a)anthracene	13.94	228	48596	2.424	ng	99
83) Chrysene	13.98	228	48552	2.299	ng	95
88) Benzo(b)fluoranthene	14.98	252	38130m	2.549	ng	

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

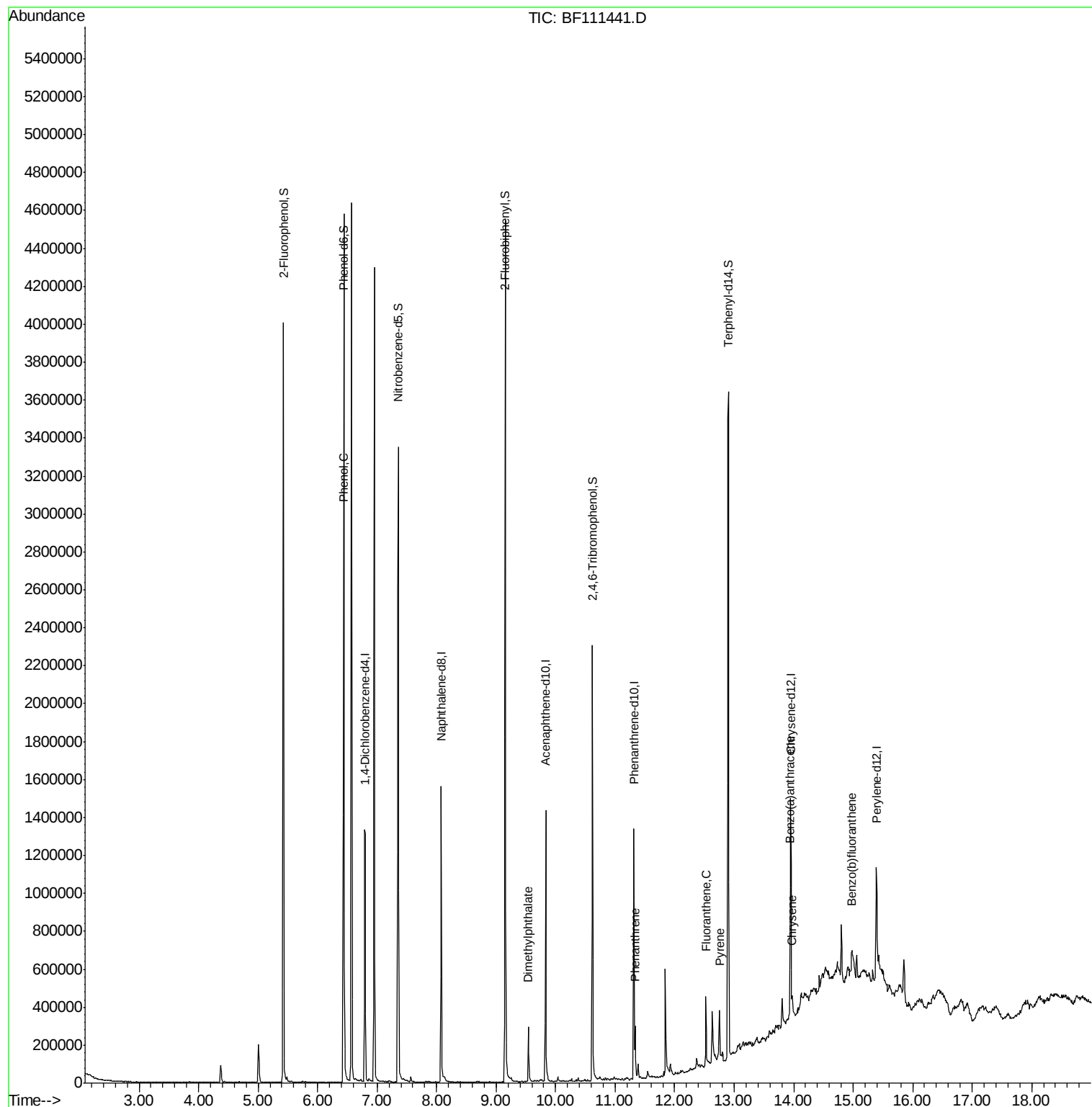
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111441.D
Acq On : 15 Dec 2018 1:35
Operator : JU/SJ
Sample : J6322-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

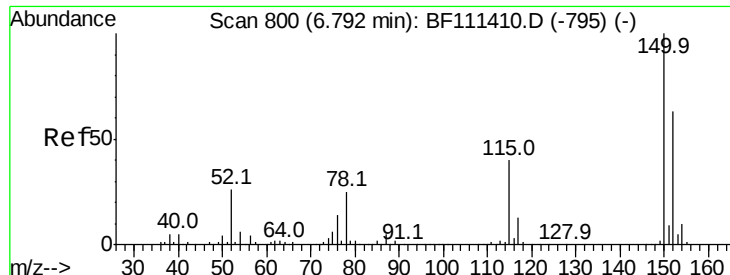
Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration





#1

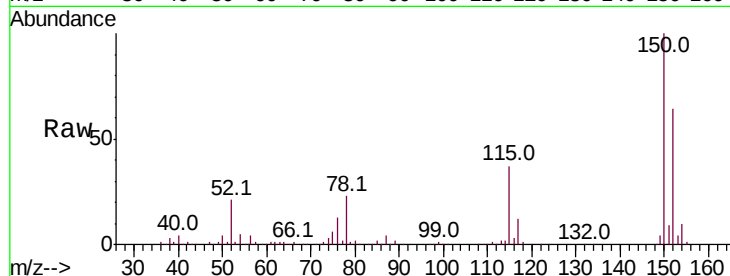
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111441.D
Acq: 15 Dec 2018 1:35

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.6	189.8
115	57.2	50.7	76.1

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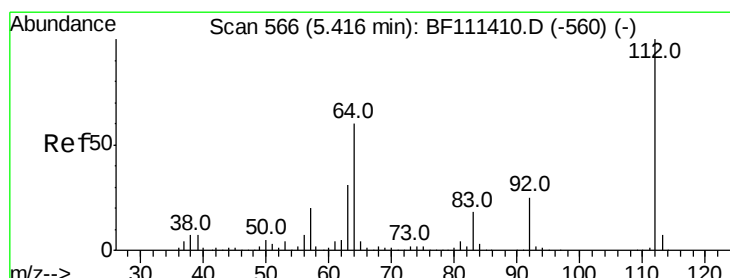
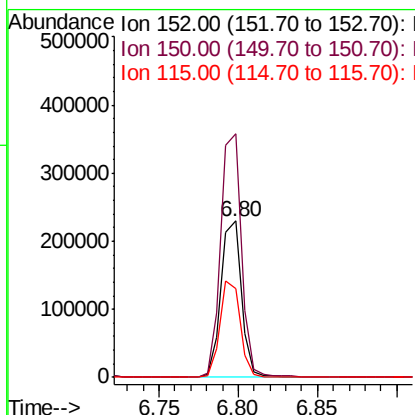
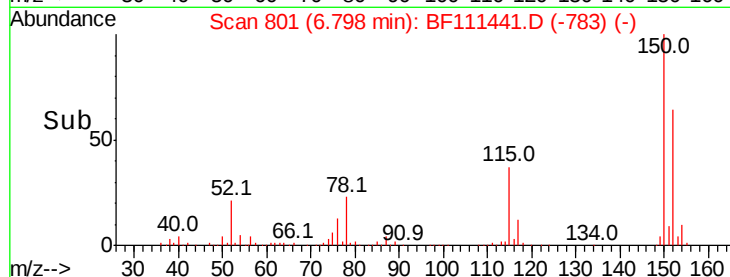


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

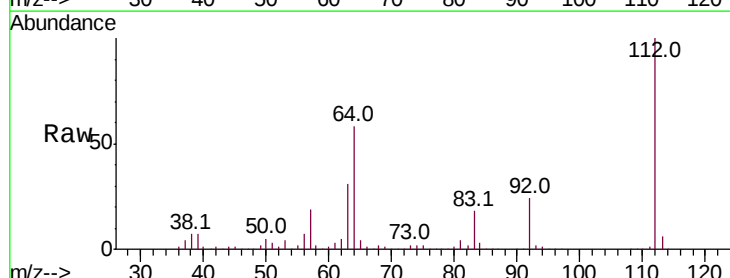
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.818 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111441.D
Acq: 15 Dec 2018 1:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	51.8	77.6
63	30.6	26.8	40.2

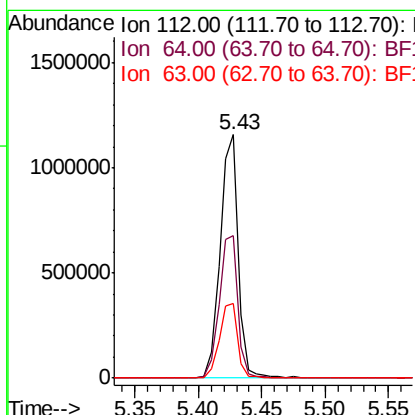
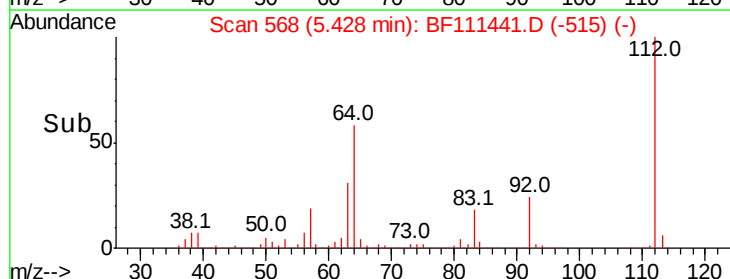


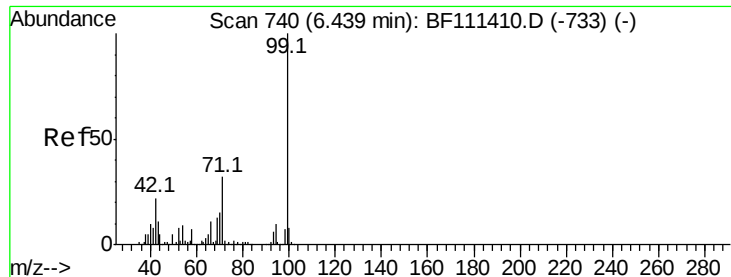
Abundance

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: 93.517 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111441.D

Acq: 15 Dec 2018 1:35

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-2-120718

Tot Ion: 99 Resp: 1548374

Ion Ratio Lower Upper

99 100

42 21.7 17.4 26.0

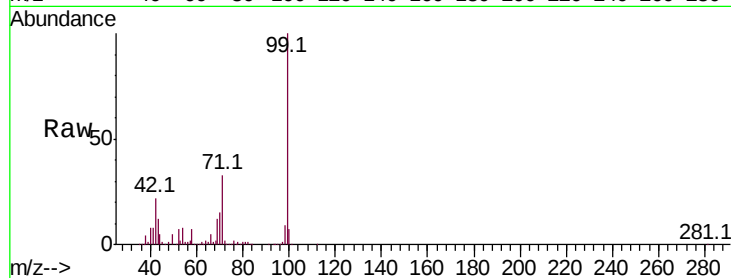
71 32.6 26.1 39.1

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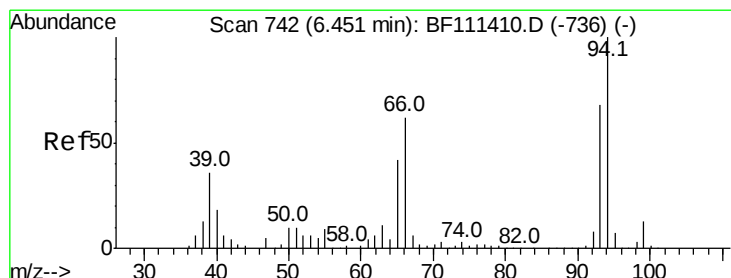
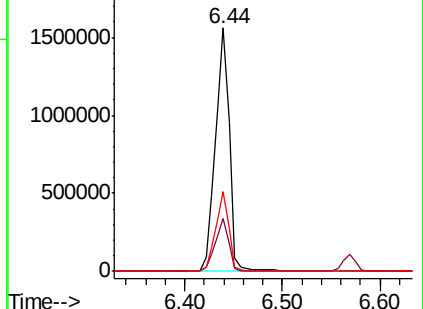
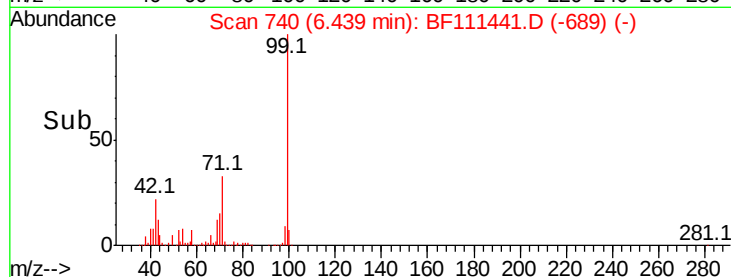
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.469 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111441.D

Acq: 15 Dec 2018 1:35

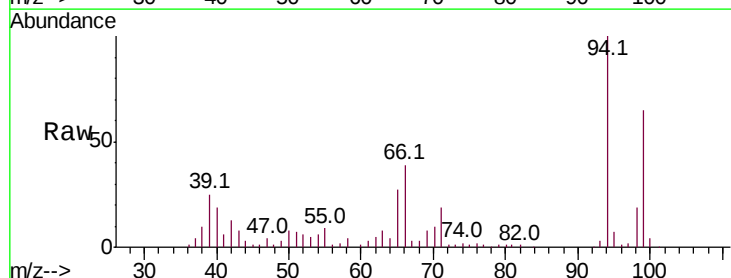
Tgt Ion: 94 Resp: 82434

Ion Ratio Lower Upper

94 100

65 27.0 11.7 51.7

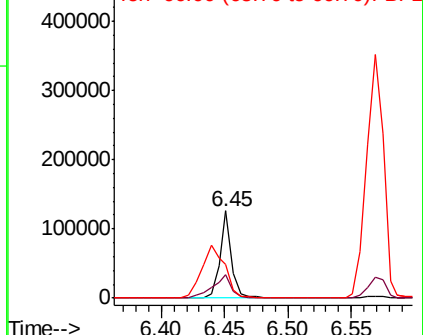
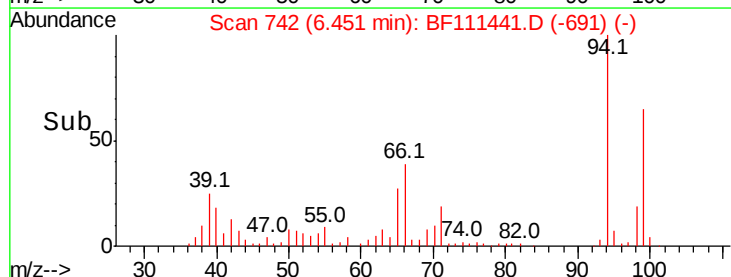
66 38.5 21.0 61.0

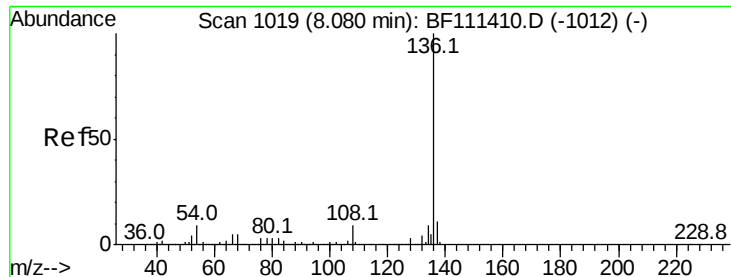


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





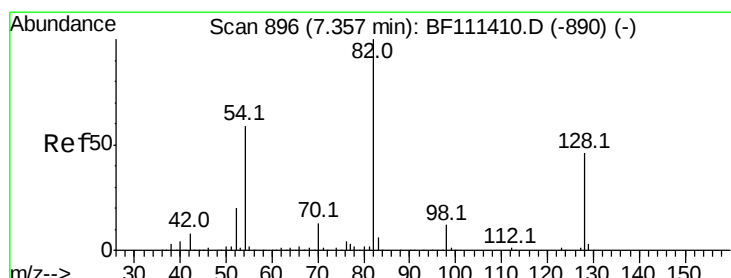
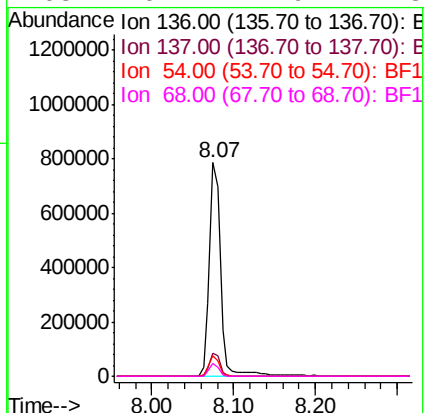
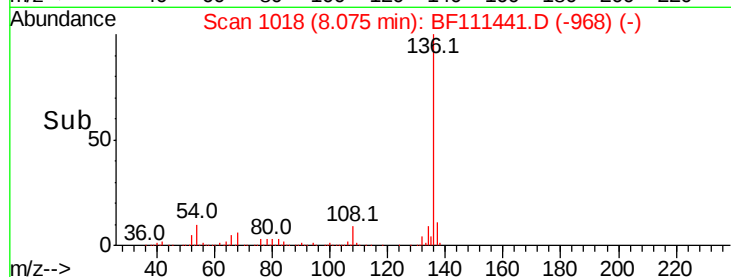
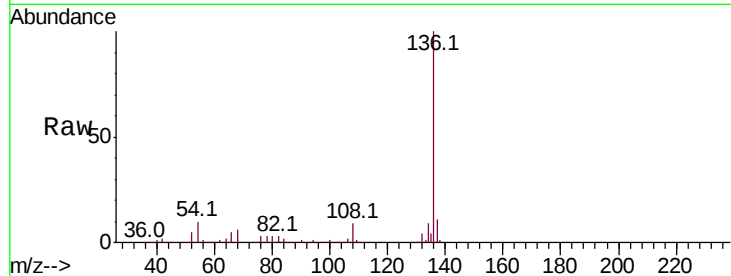
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111441.D
Acq: 15 Dec 2018 1:35

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		757625		
137	10.7	9.1	13.7		
54	9.9	7.7	11.5		
68	6.1	4.9	7.3		

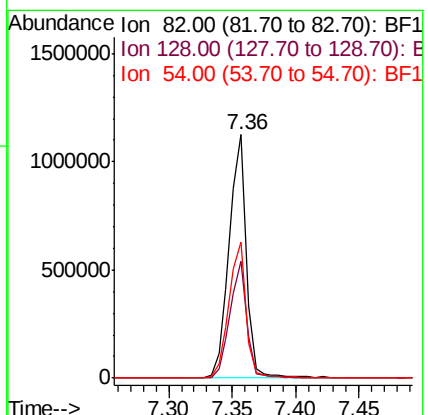
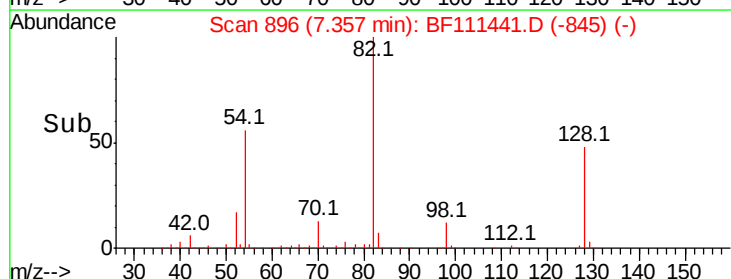
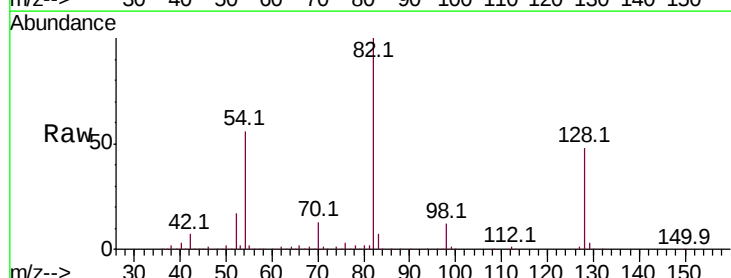
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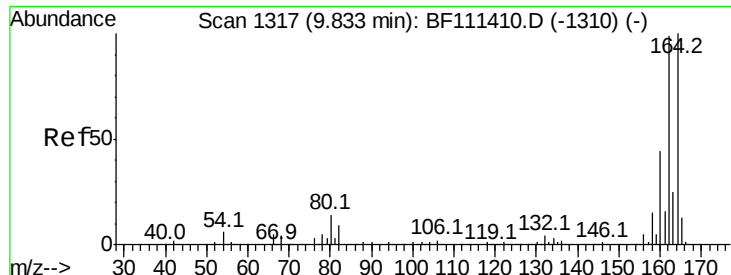
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#23
Nitrobenzene-d5
Concen: 83.709 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF111441.D
Acq: 15 Dec 2018 1:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1065010		
128	48.0	37.4	56.2		
54	55.9	47.6	71.4		





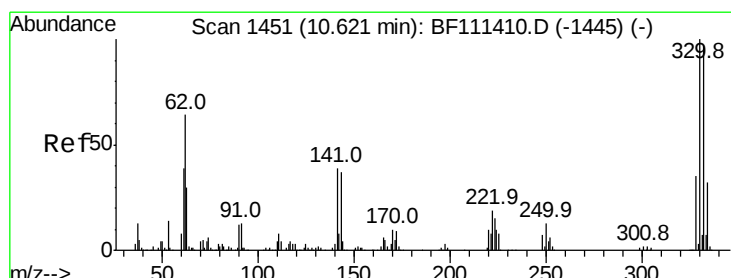
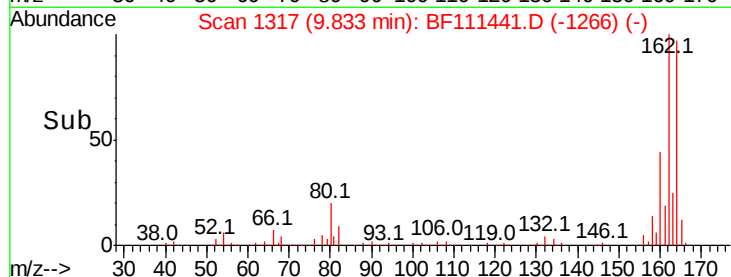
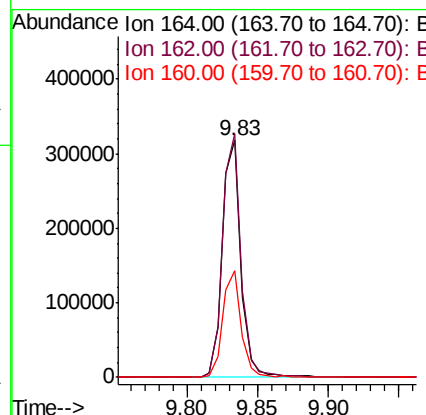
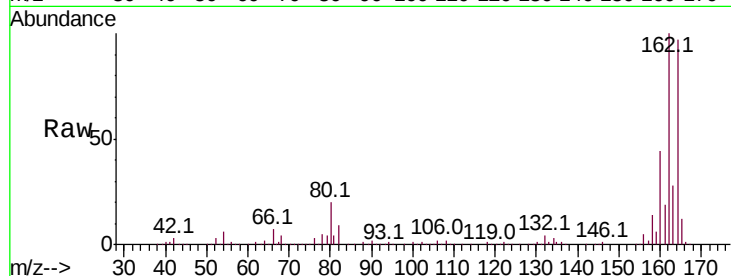
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111441.D
Acq: 15 Dec 2018 1:35

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tot Ion	Ratio	Resp	Lower	Upper
164	100	290395		
162	102.7	81.4	122.0	
160	45.1	35.7	53.5	

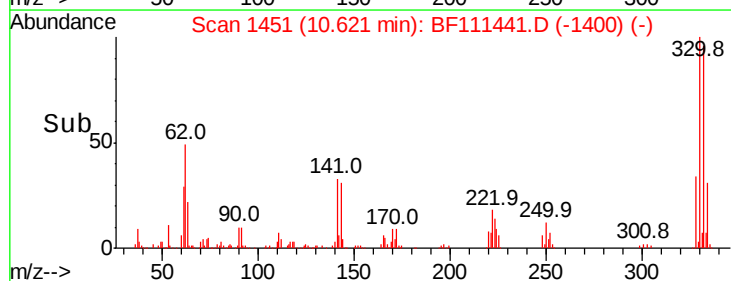
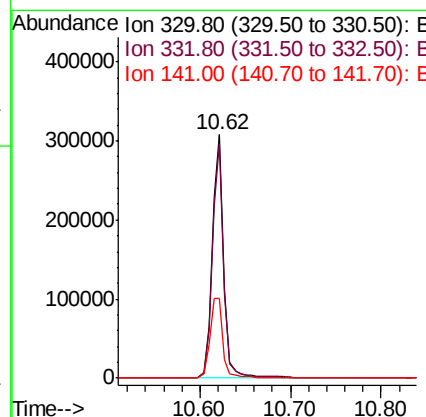
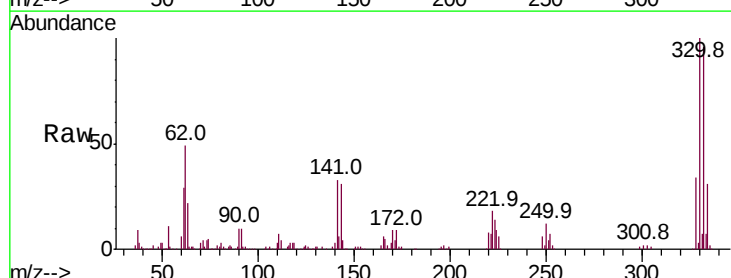
Manual Integrations
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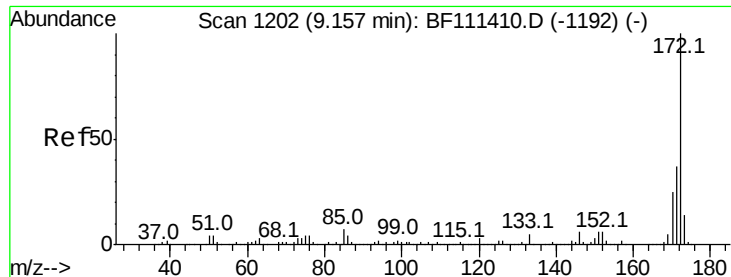
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#42
2,4,6-Tribromophenol
Concen: 106.332 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF111441.D
Acq: 15 Dec 2018 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	276604		
332	94.9	76.0	114.0	
141	37.8	31.0	46.6	





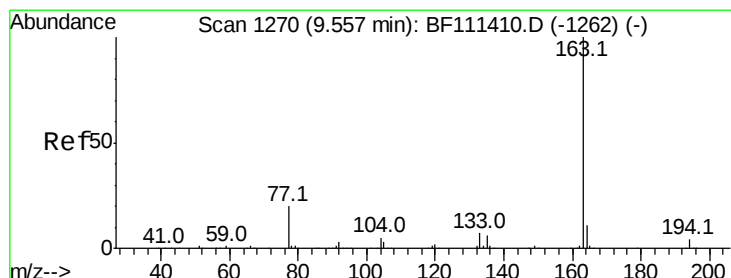
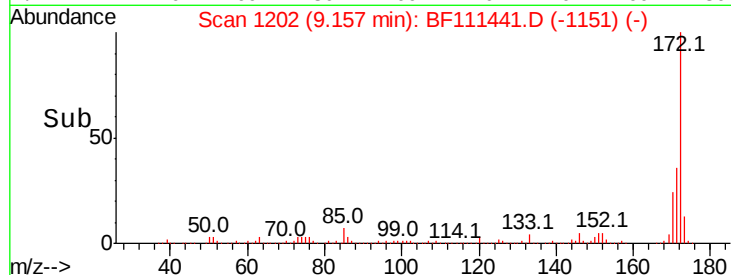
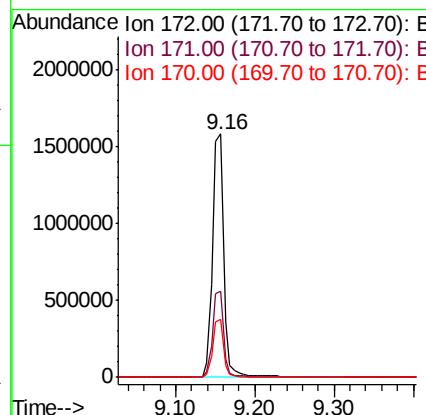
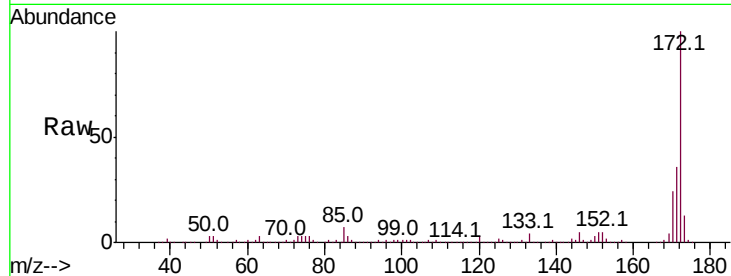
#45
2-Fluorobiphenyl
Concen: 83.528 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111441.D
Acq: 15 Dec 2018 1:35

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	33.0	49.4
170	23.6	22.3	33.5

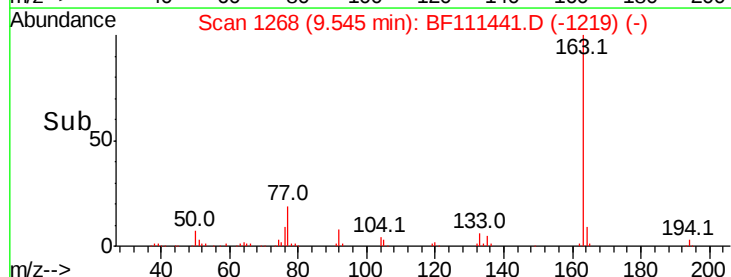
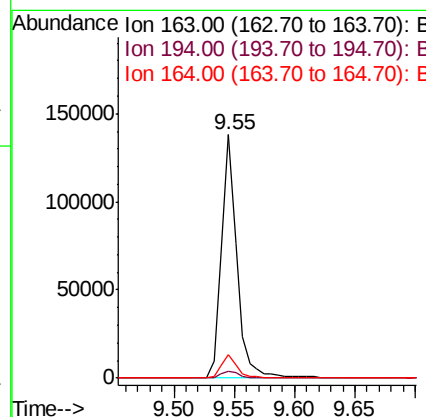
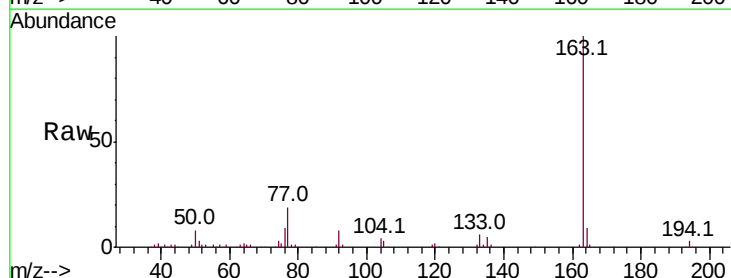
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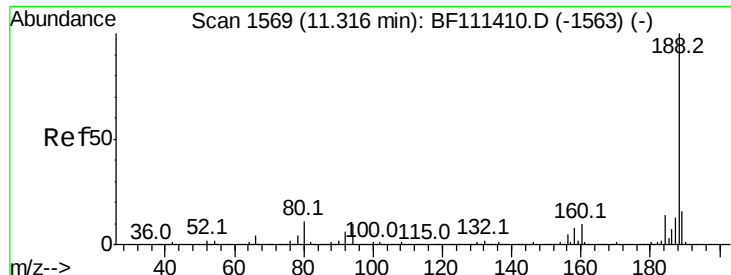
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#50
Dimethylphthalate
Concen: 5.765 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111441.D
Acq: 15 Dec 2018 1:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.6#
164	9.4	8.9	13.3





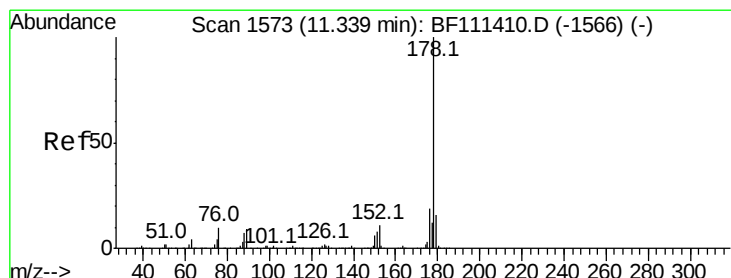
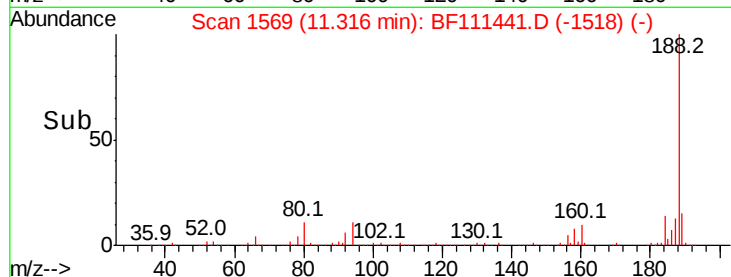
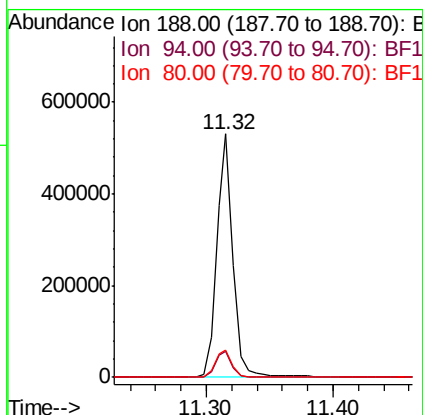
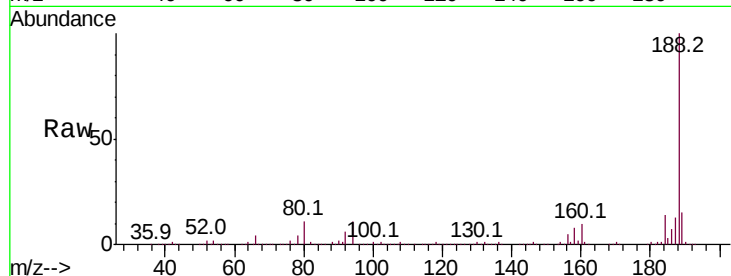
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111441.D
Acq: 15 Dec 2018 1:35

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.9	9.6	14.4
80	11.3	9.8	14.6

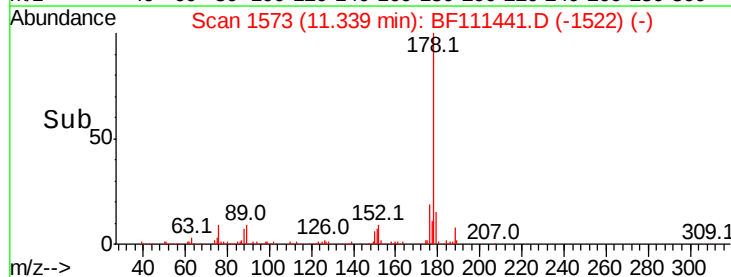
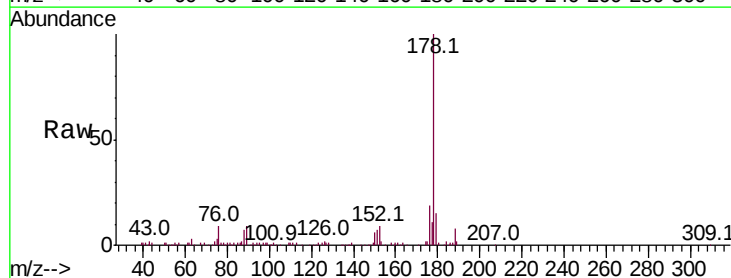
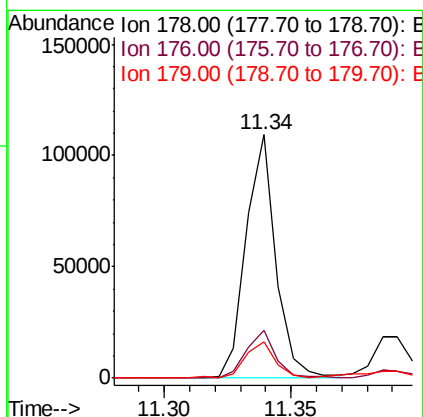
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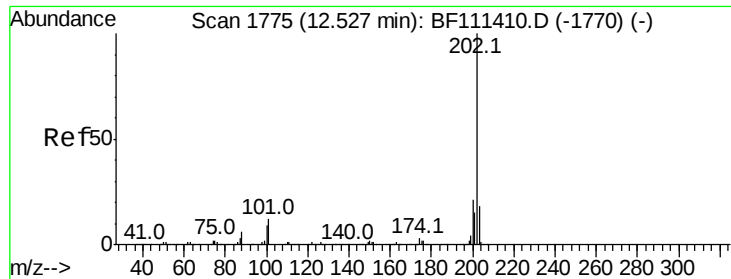
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#71
Phenanthrene
Concen: 3.663 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF111441.D
Acq: 15 Dec 2018 1:35

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.4	18.1	27.1
179	15.0	14.0	21.0





#75

Fluoranthene

Concen: 5.850 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111441.D

Acq: 15 Dec 2018 1:35

Instrument :

BNA_F

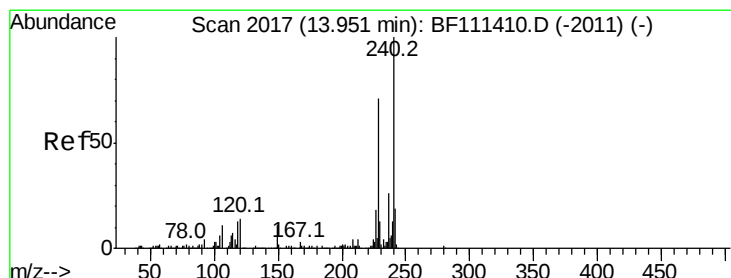
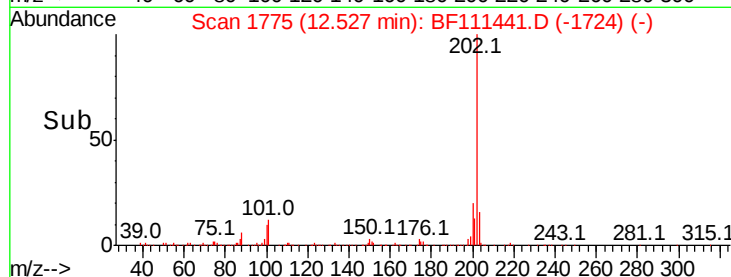
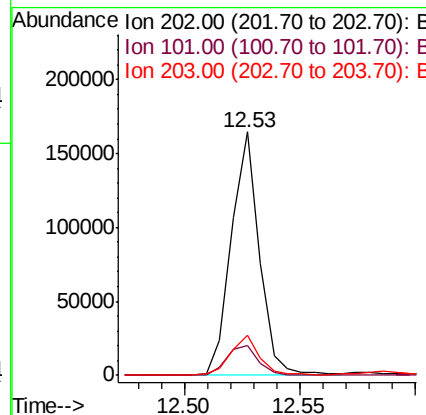
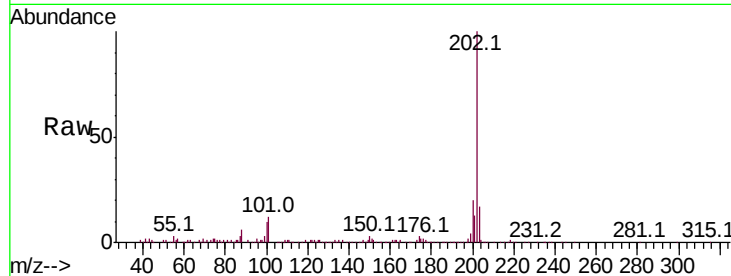
ClientSampleId :

SUP-6-C-2-120718

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	0.0	33.8
203	16.6	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

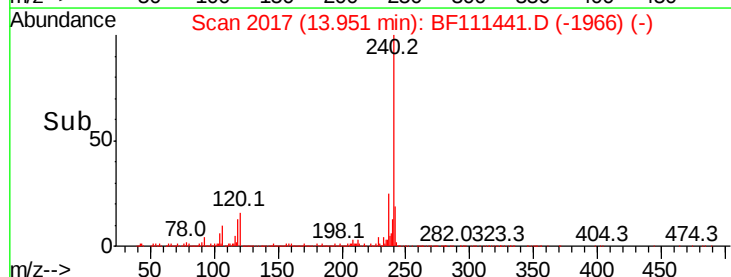
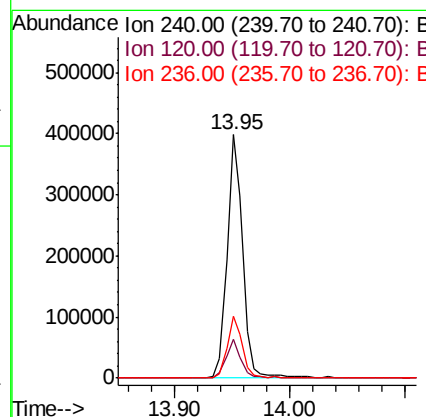
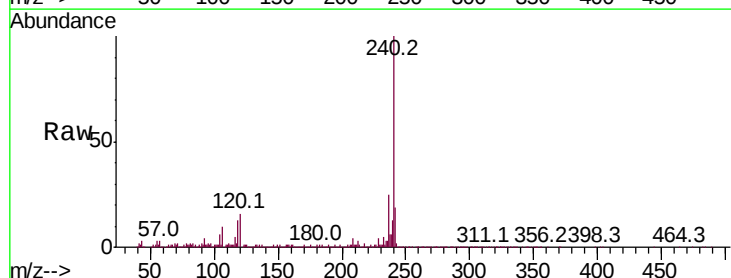
RT: 13.95 min Scan# 2017

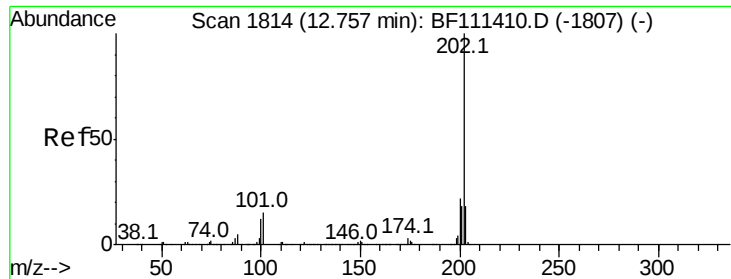
Delta R.T. -0.00 min

Lab File: BF111441.D

Acq: 15 Dec 2018 1:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.9	12.2	18.2
236	25.3	20.2	30.2





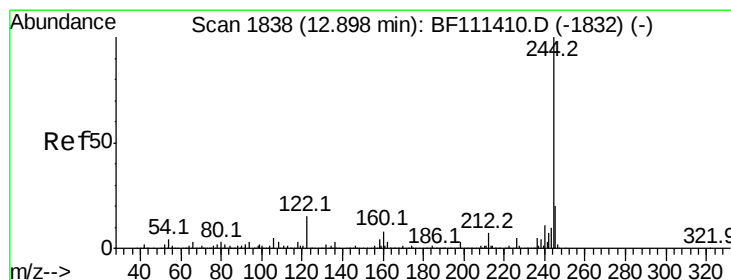
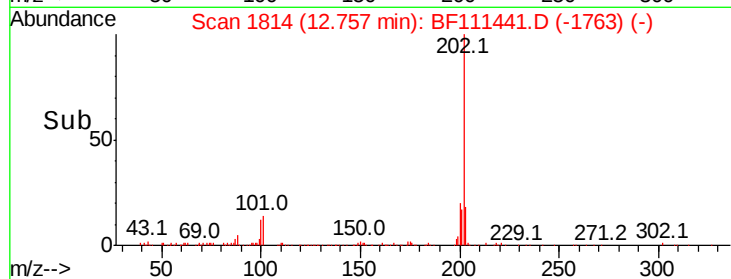
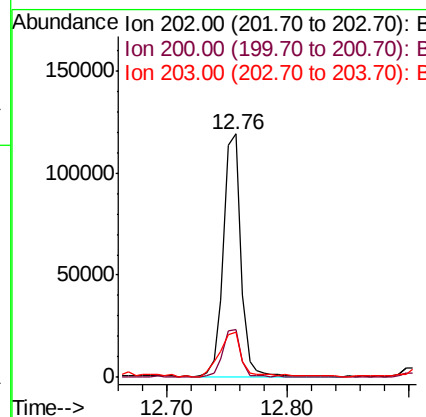
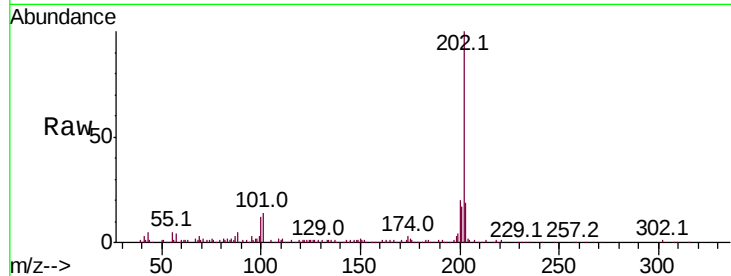
#78
Pvrene
Concen: 4.569 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111441.D
Acq: 15 Dec 2018 1:35

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	19.0	28.4
203	18.5	15.2	22.8

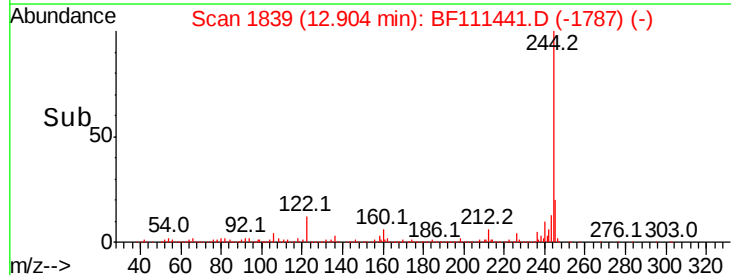
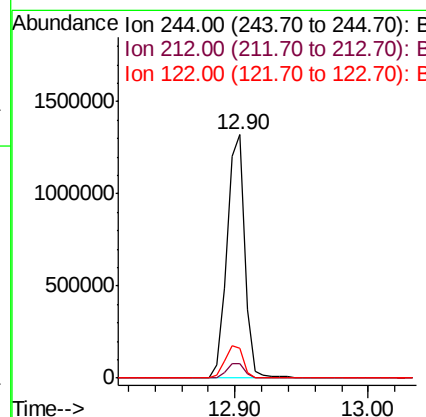
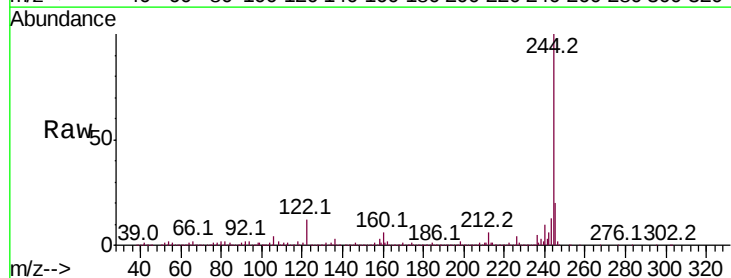
Manual Integrations
APPROVED

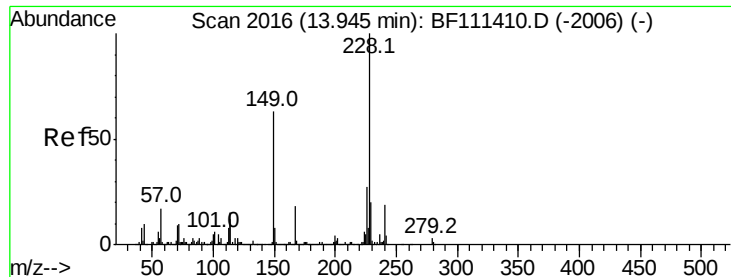
Sohil
12/17/2018 2:37:13 PM



#79
Terphenyl-d14
Concen: 80.239 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF111441.D
Acq: 15 Dec 2018 1:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	12.2	13.1	19.7#





#81

Benzo(a)anthracene

Concen: 2.424 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111441.D

Acq: 15 Dec 2018 1:35

Instrument :

BNA_F

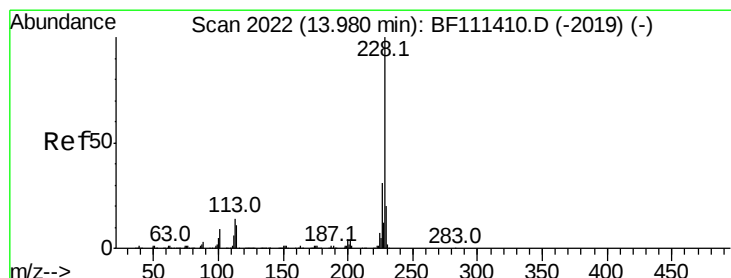
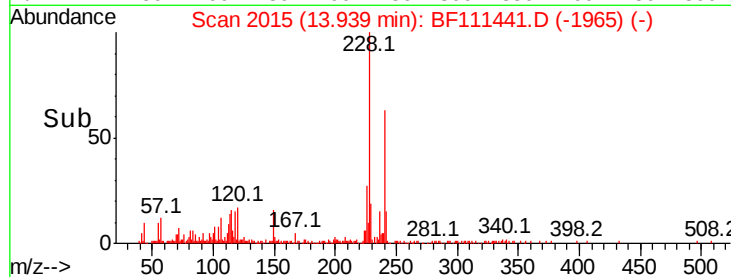
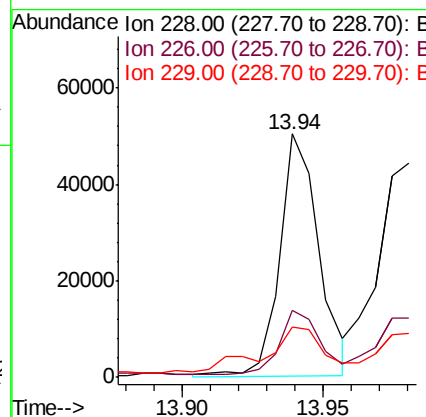
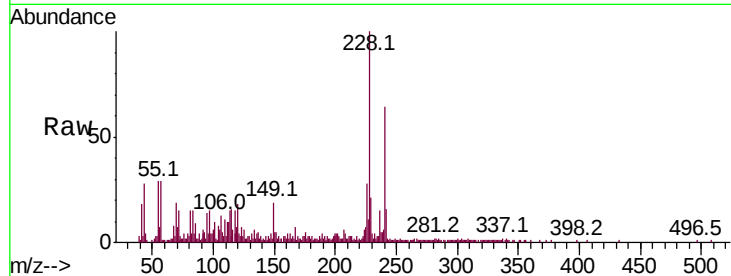
ClientSampleId :

SUP-6-C-2-120718

Tot Ion:	228	Resp:	48596
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	34.0
229	20.9	16.3	24.5

Manual Integrations
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Sohil
12/17/2018 2:37:13 PM



#83

Chrysene

Concen: 2.299 ng

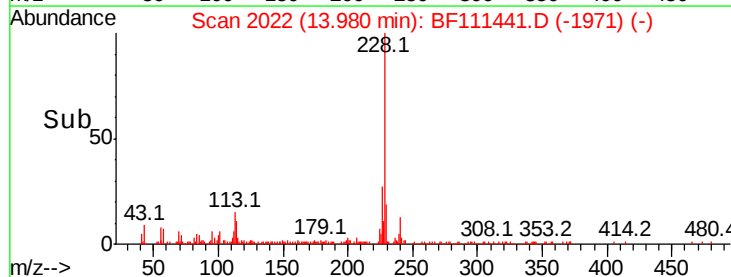
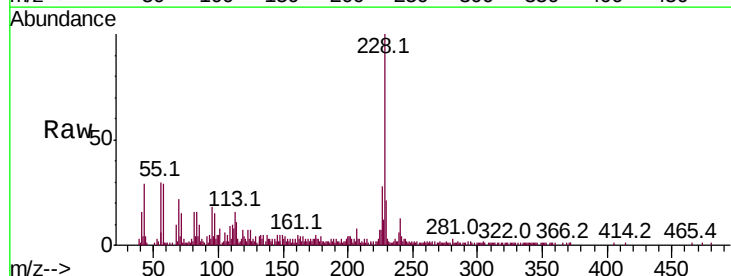
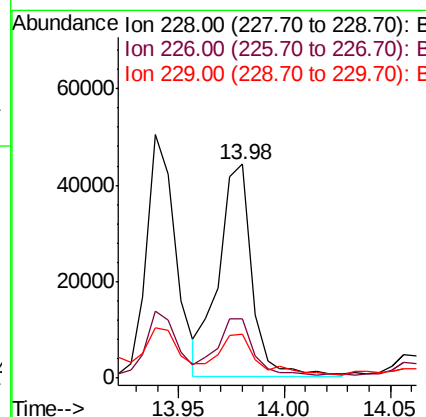
RT: 13.98 min Scan# 2022

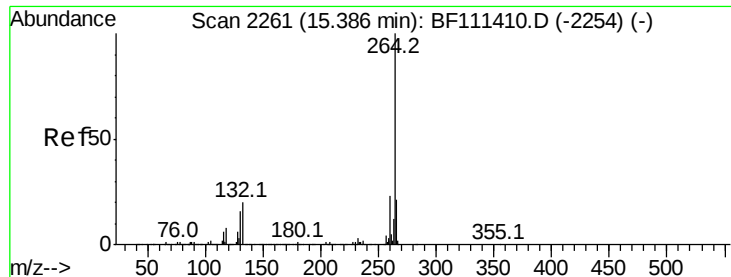
Delta R.T. -0.00 min

Lab File: BF111441.D

Acq: 15 Dec 2018 1:35

Tgt Ion:	228	Resp:	48552
Ion Ratio	Lower	Upper	
228	100		
226	27.7	25.3	37.9
229	20.7	17.2	25.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111441.D

Acq: 15 Dec 2018 1:35

Instrument :

BNA_F

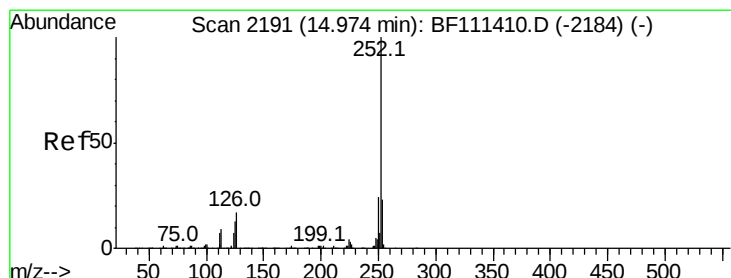
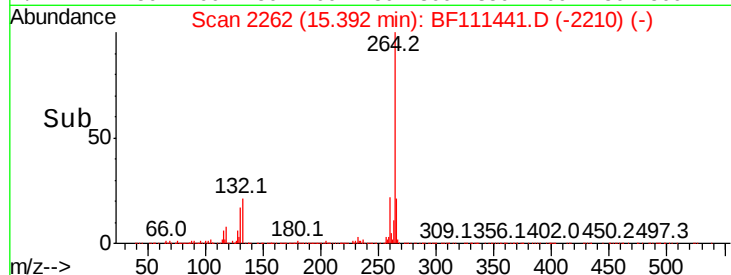
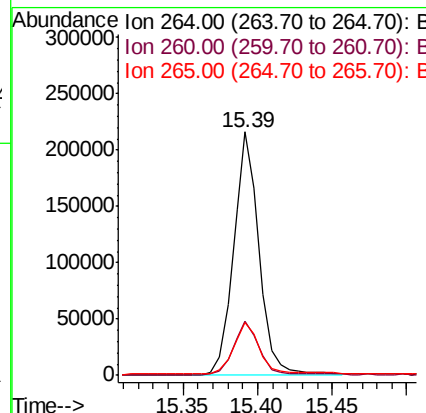
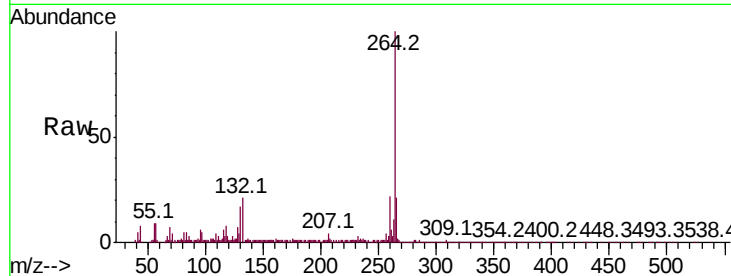
ClientSampleId :

SUP-6-C-2-120718

Tot Ion:	264	Resp:	256568
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.3	27.5
265	21.5	17.7	26.5

Manual Integrations
APPROVED

Sohil
12/17/2018 2:37:13 PM



#88

Benzo(b)fluoranthene

Concen: 2.549 ng m

RT: 14.98 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BF111441.D

Acq: 15 Dec 2018 1:35

Tgt Ion:	252	Resp:	38130
Ion Ratio	Lower	Upper	
252	100		
253	25.6	18.2	27.2
125	28.9	10.4	15.6#

