

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110405.D
 Acq On : 2 Nov 2018 12:08
 Operator : JU/SJ
 Sample : J5741-19
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Manual Integrations
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 11/5/2018 10:32:35 AM

Quant Time: Nov 02 22:22:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	79062	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	317329	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	147538	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	254300	20.00	ng	0.00
76) Chrysene-d12	14.13	240	154166	20.00	ng	0.00
87) Perylene-d12	15.66	264	162546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	510423	105.13	ng	0.00
7) Phenol-d6	6.58	99	648364	104.41	ng	0.00
23) Nitrobenzene-d5	7.52	82	411887	76.99	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	137628	94.17	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	744000	79.18	ng	0.00
79) Terphenyl-d14	13.07	244	555693	74.96	ng	0.00
Target Compounds						
10) Phenol	6.59	94	41230	6.211	ng	Qvalue # 63
50) Dimethylphthalate	9.70	163	101502	9.320	ng	99
75) Fluoranthene	12.70	202	28426	2.105	ng	99
78) Pyrene	12.93	202	42423	3.838	ng	98
83) Chrysene	14.16	228	23024m	2.651	ng	
86) Indeno(1,2,3-cd)pyrene	17.22	276	16736	2.323	ng	98
88) Benzo(b)fluoranthene	15.20	252	23760m	2.531	ng	
90) Benzo(a)pyrene	15.59	252	20296	2.350	ng	97
92) Benzo(g,h,i)perylene	17.69	276	18635	2.538	ng	96

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

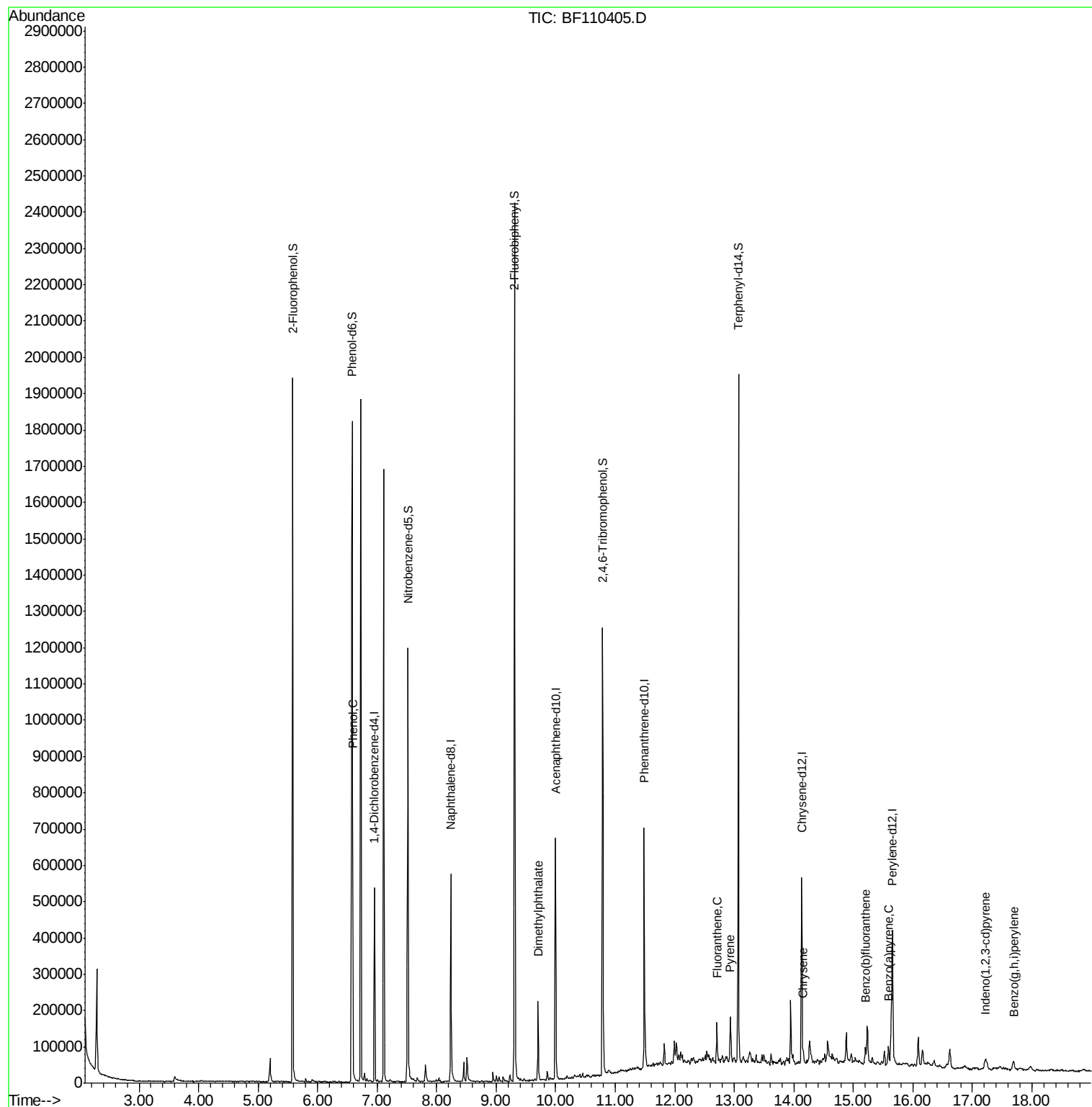
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110405.D
Acq On : 2 Nov 2018 12:08
Operator : JU/SJ
Sample : J5741-19
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BNA_F
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TP-5

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QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

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#1

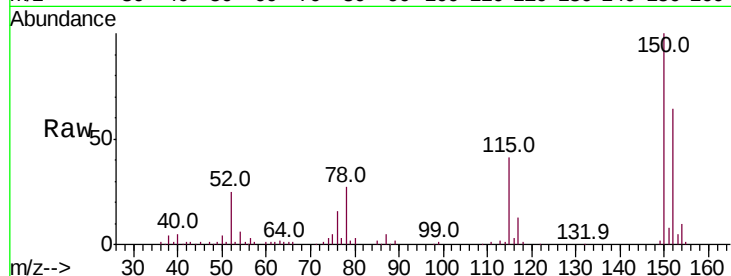
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.7	184.1
115	64.4	49.1	73.7

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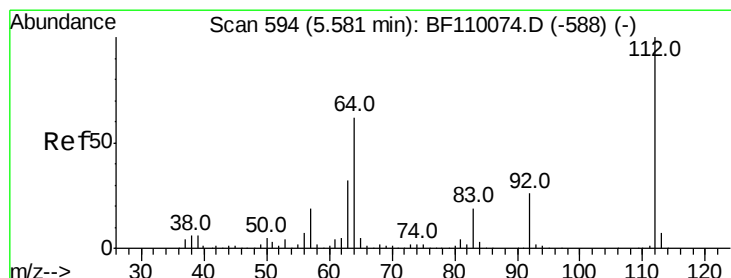
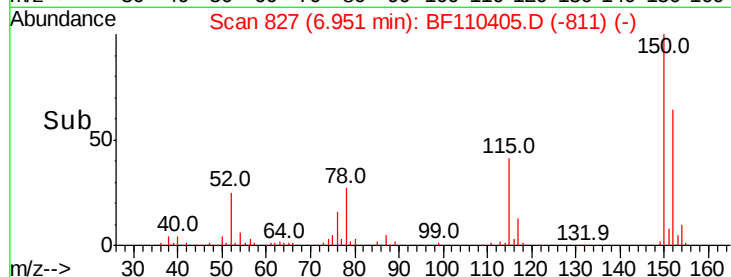
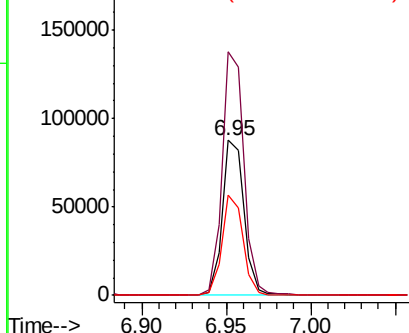


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

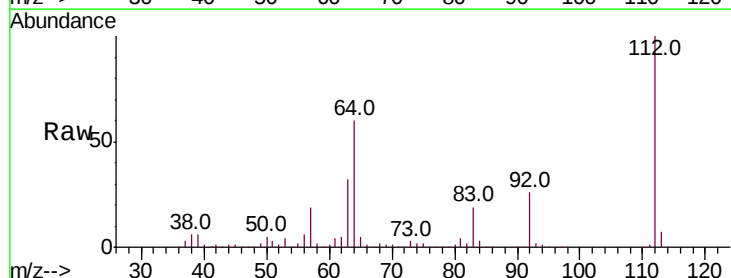
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.133 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	44.1	66.1
63	31.7	23.7	35.5

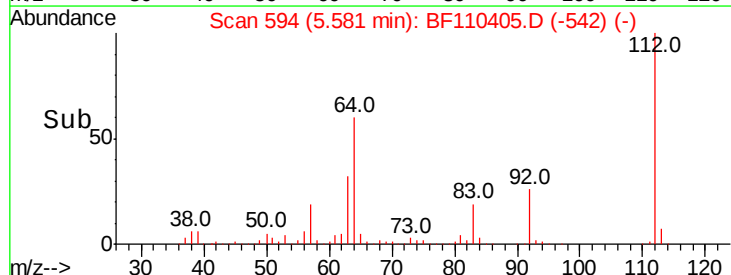
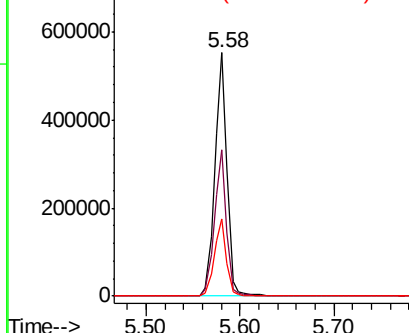


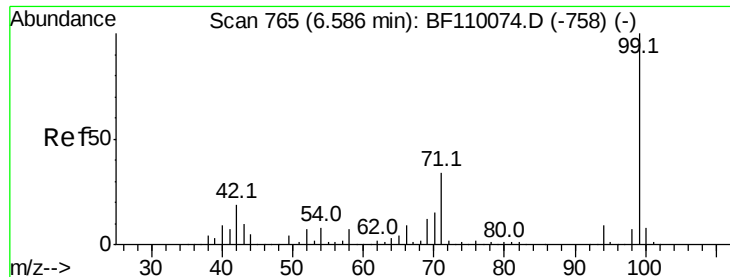
Abundance

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: 104.407 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110405.D

Acq: 2 Nov 2018 12:08

Instrument :

BNA_F

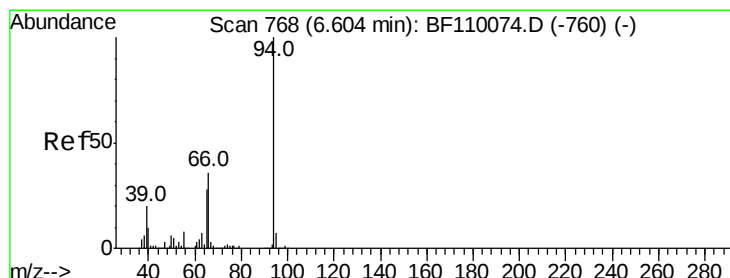
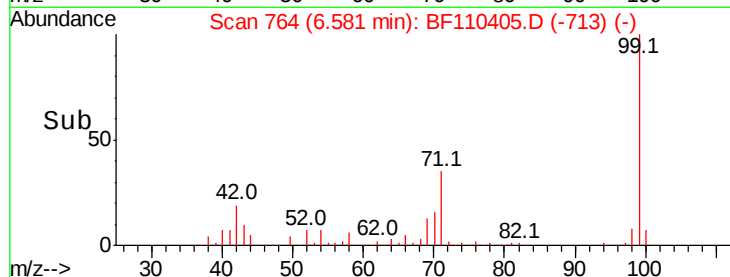
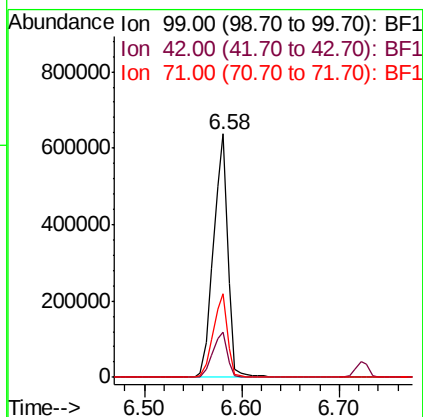
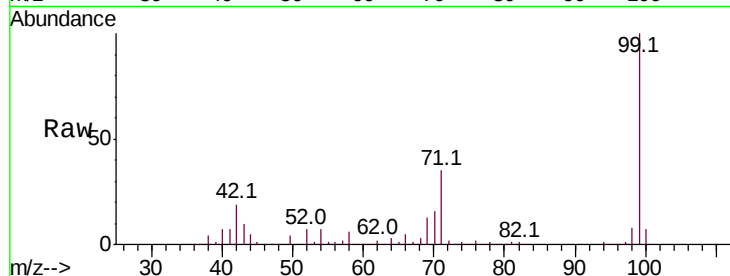
ClientSampleId :

TP-5

Tot Ion:	99	Resp:	648364
Ion Ratio	Lower	Upper	
99	100		
42	18.7	15.8	23.6
71	34.5	28.0	42.0

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#10

Phenol

Concen: 6.211 ng

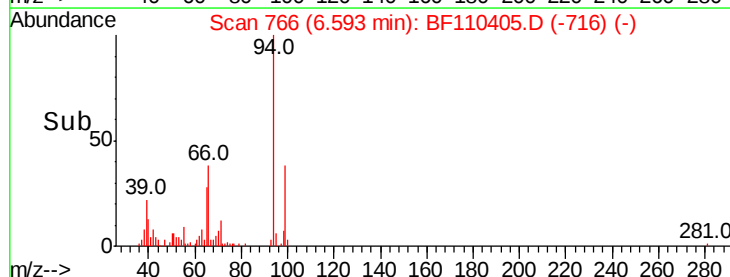
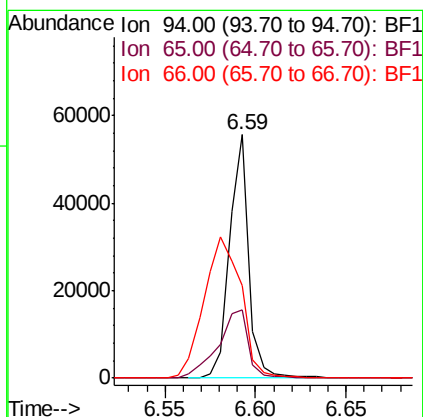
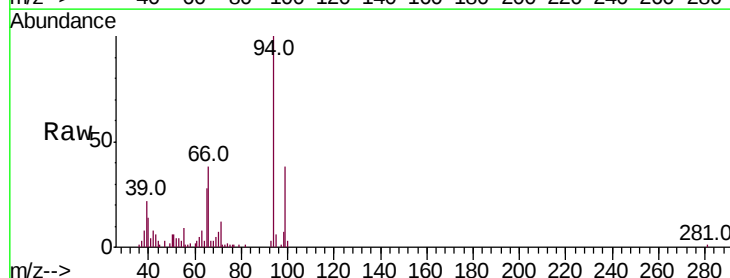
RT: 6.59 min Scan# 766

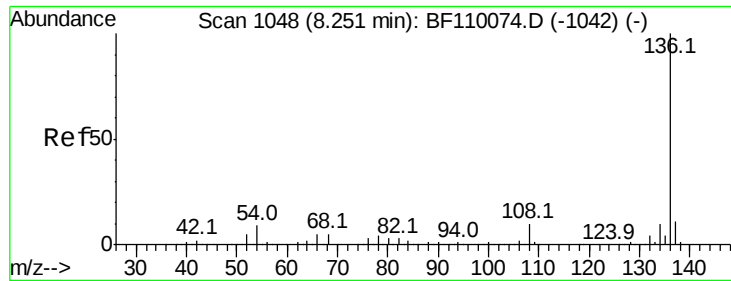
Delta R.T. -0.01 min

Lab File: BF110405.D

Acq: 2 Nov 2018 12:08

Tgt Ion:	94	Resp:	41230
Ion Ratio	Lower	Upper	
94	100		
65	27.8	25.3	65.3
66	37.8	54.5	94.5#





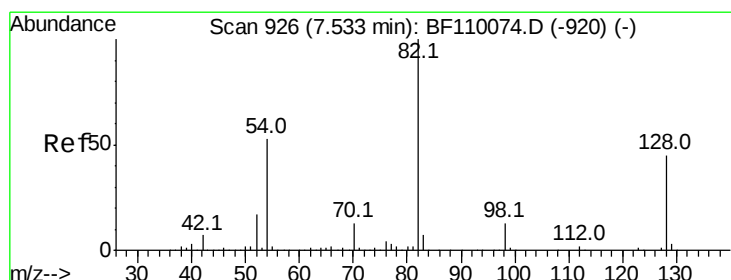
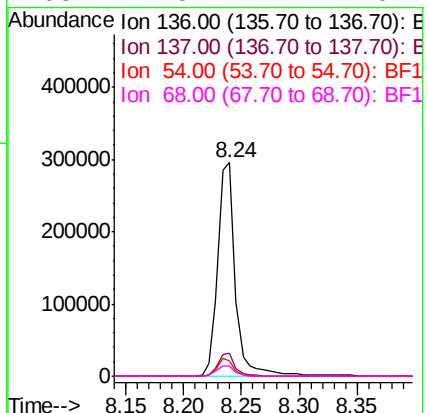
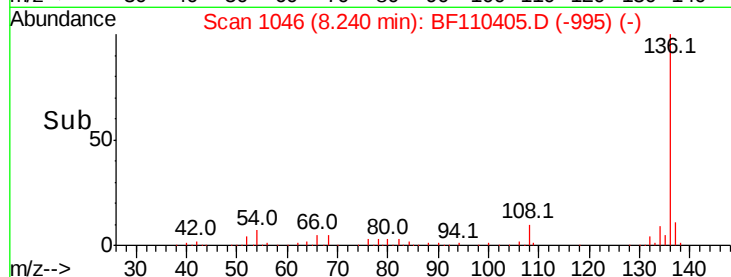
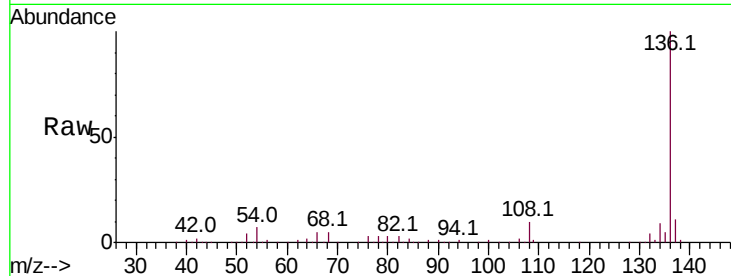
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.8	13.2	
54	7.2	5.4	8.2	
68	4.8	4.2	6.2	

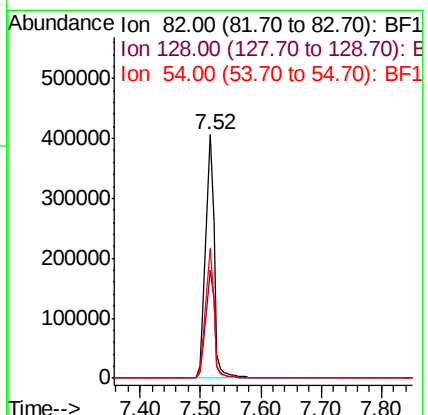
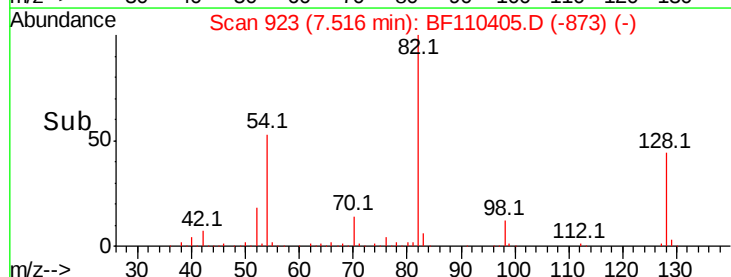
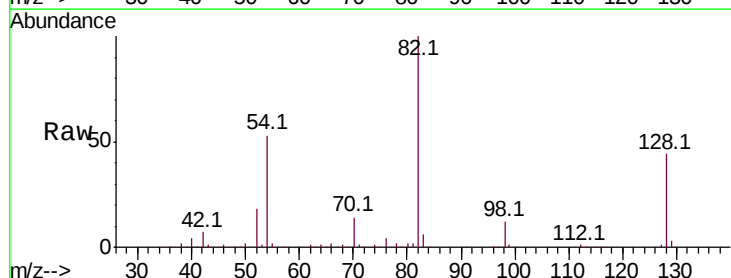
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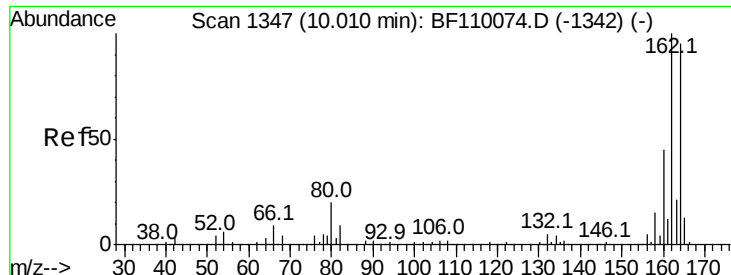
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#23
Nitrobenzene-d5
Concen: 76.987 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.3	34.2	51.2	
54	53.1	38.6	58.0	





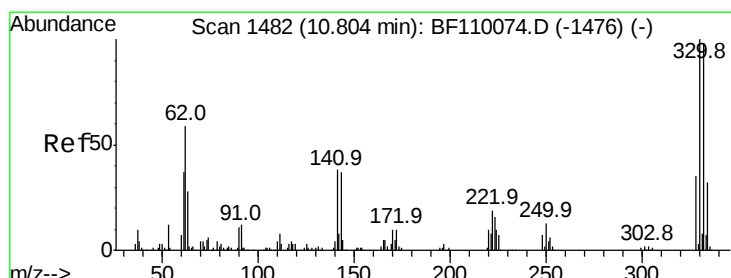
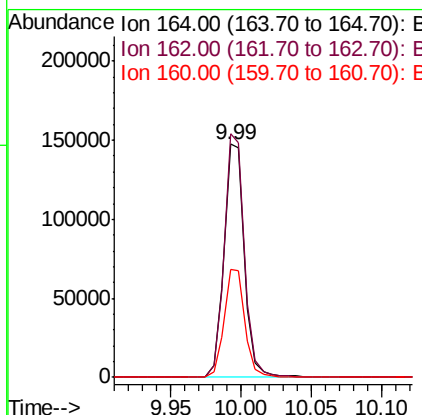
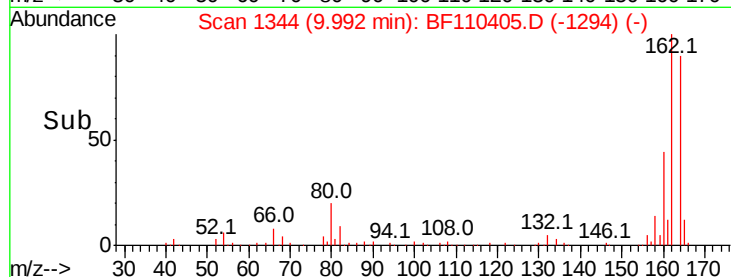
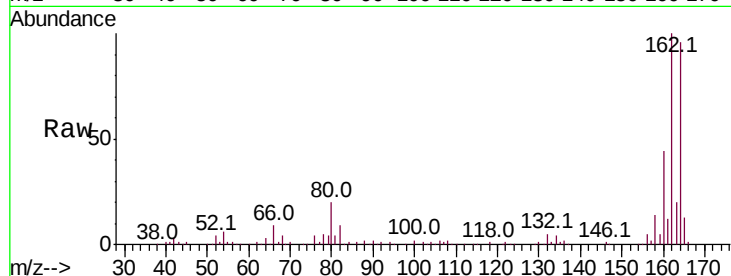
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.6
160	46.4	37.0	55.6

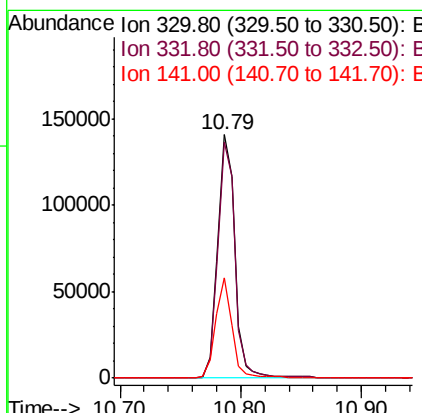
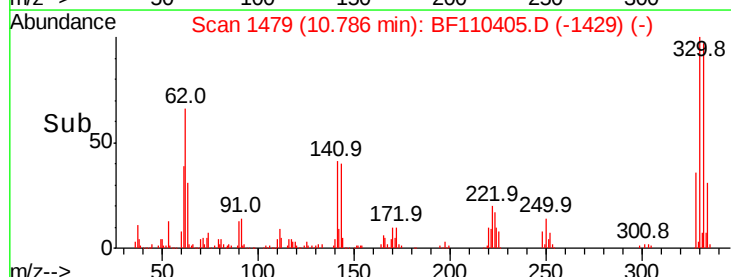
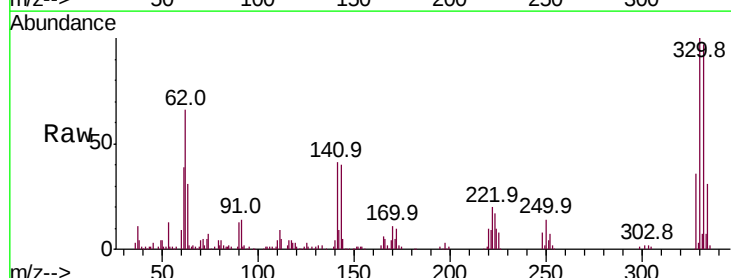
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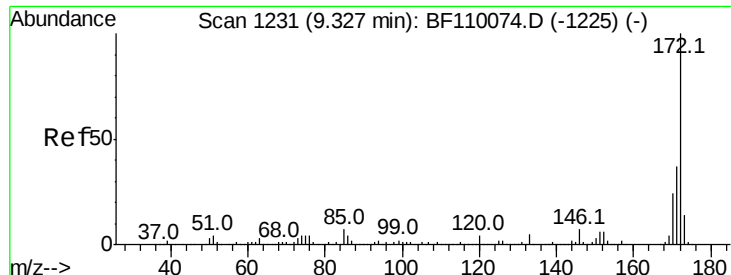
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#42
2,4,6-Tribromophenol
Concen: 94.171 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	39.6	27.0	40.4





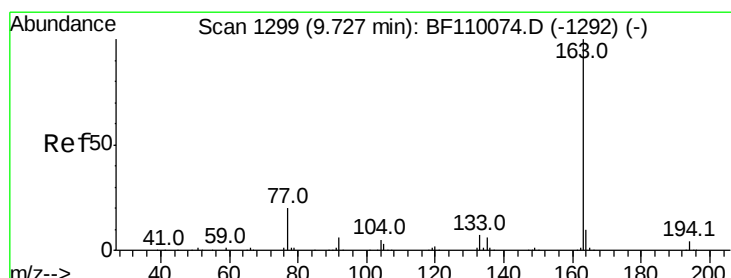
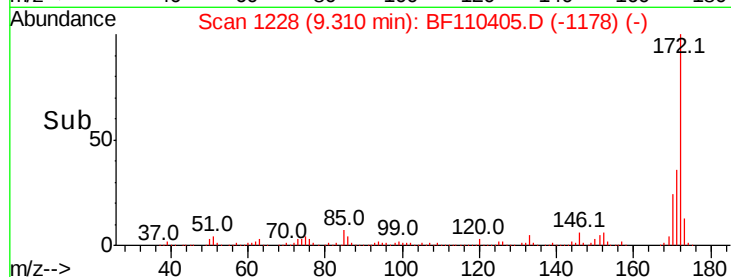
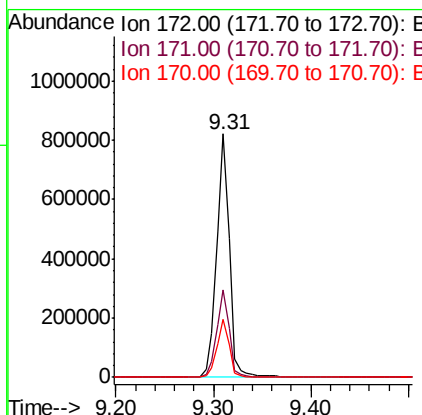
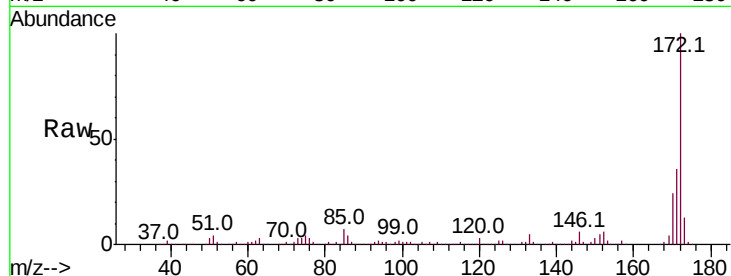
#45
2-Fluorobiphenyl
Concen: 79.185 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.9	19.7	29.5

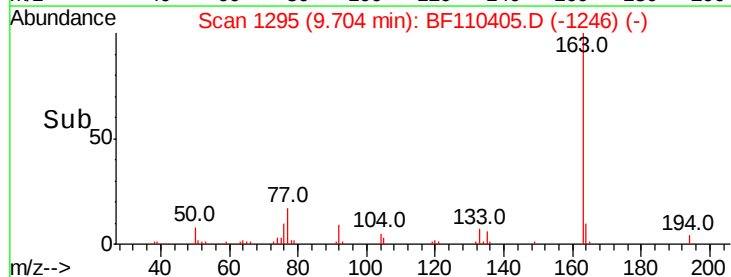
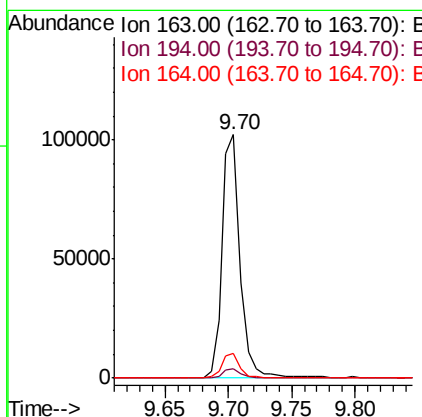
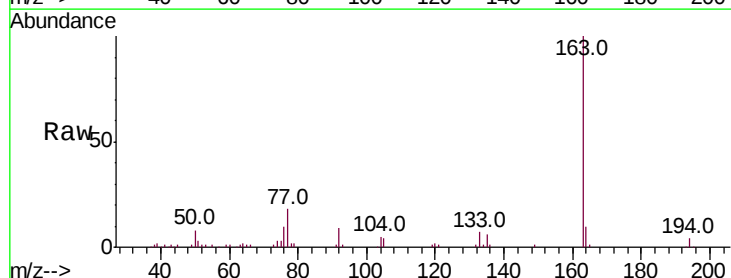
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#50
Dimethylphthalate
Concen: 9.320 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.9	8.1	12.1





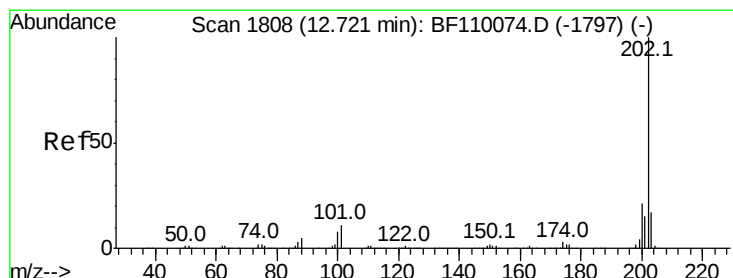
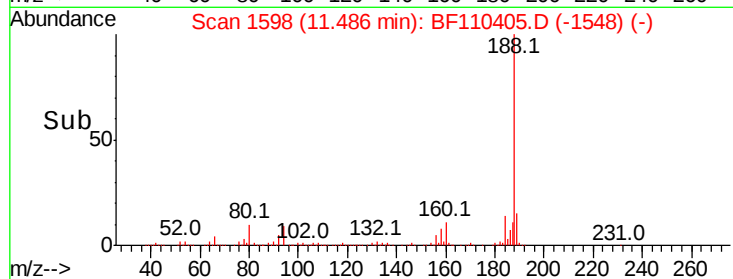
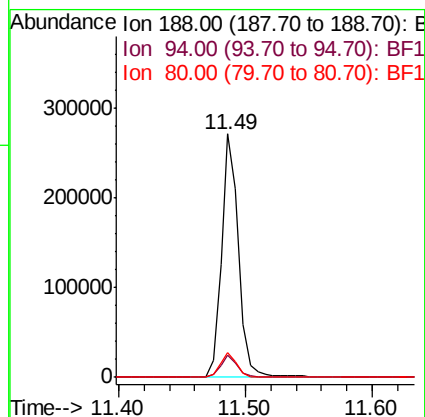
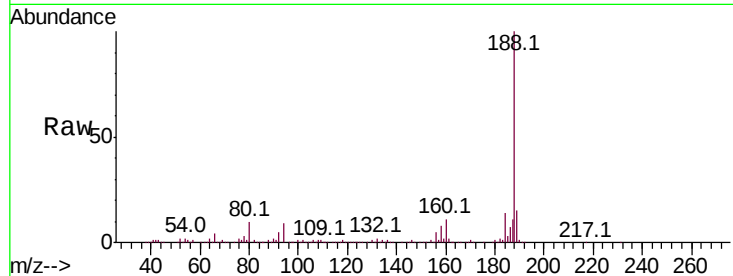
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.1	7.9	11.9

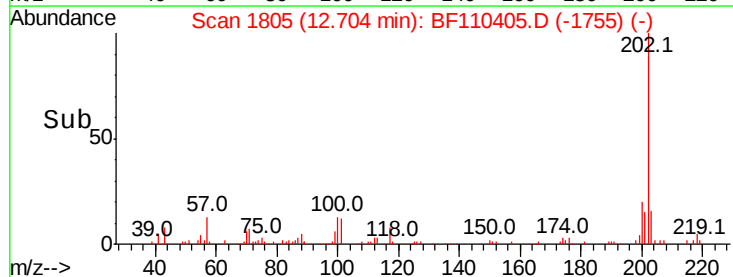
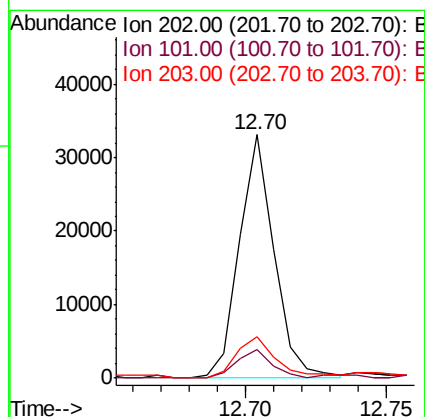
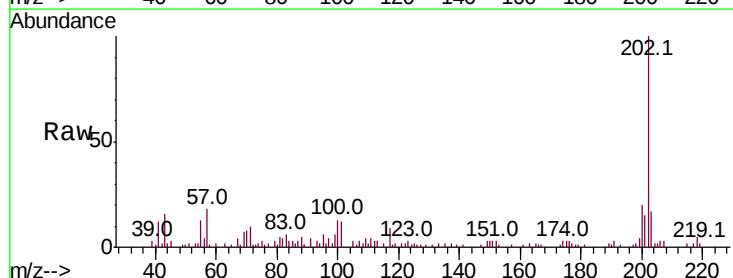
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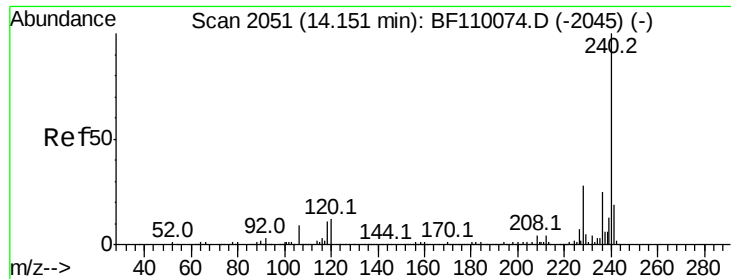
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#75
Fluoranthene
Concen: 2.105 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	0.0	31.4
203	17.3	0.0	37.7





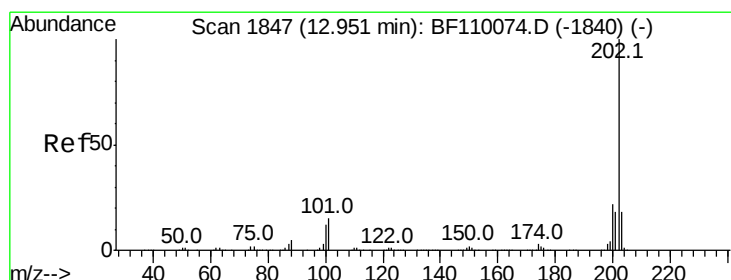
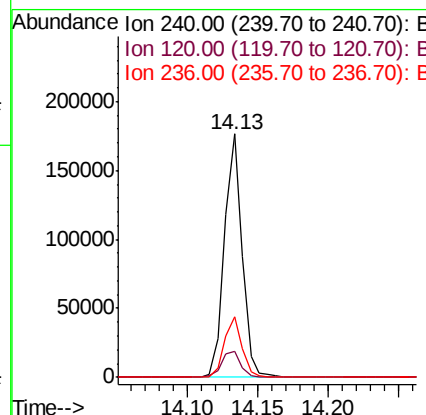
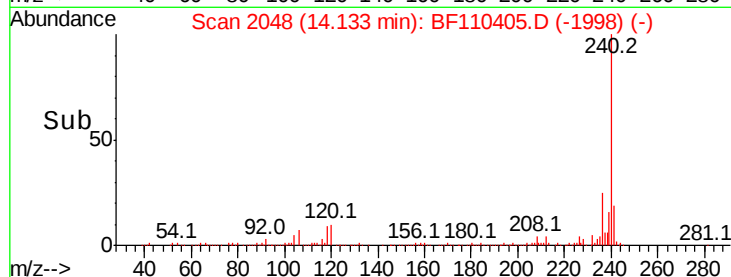
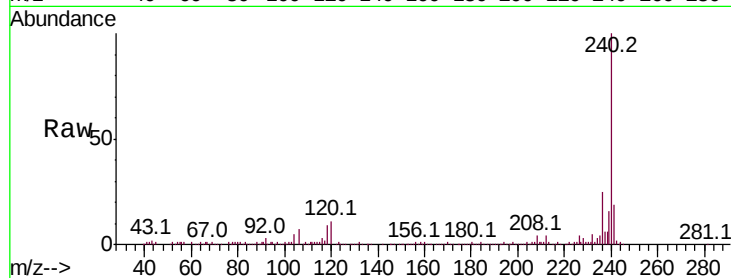
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	24.7	21.2	31.8

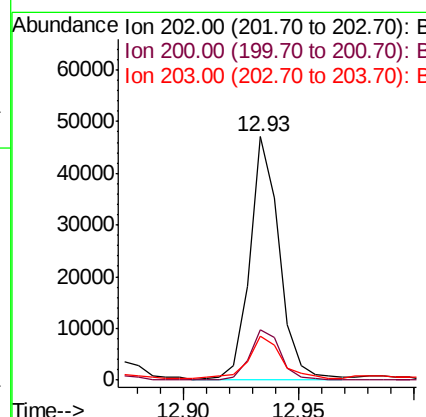
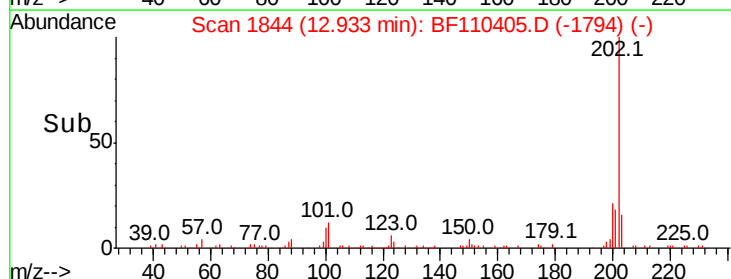
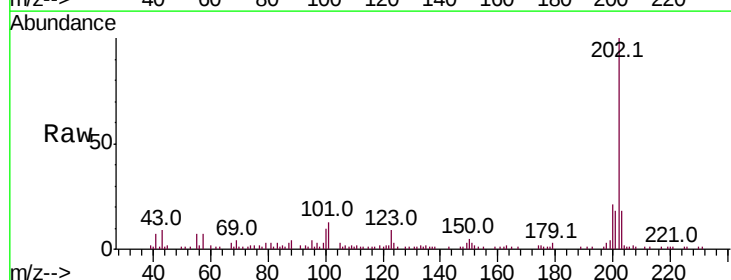
Manual Integrations
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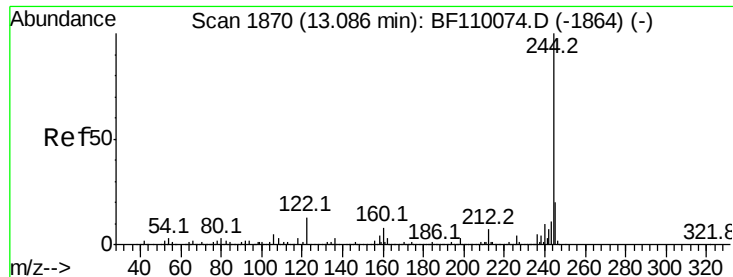
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#78
Pyrene
Concen: 3.838 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	18.2	14.2	21.4





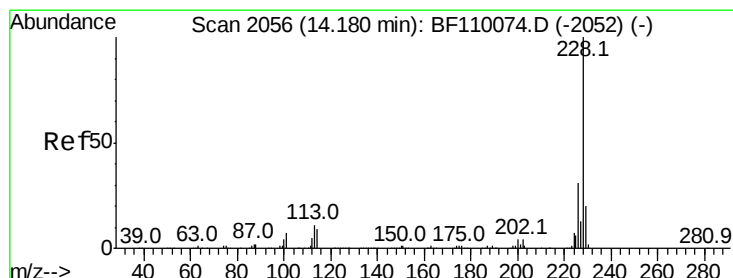
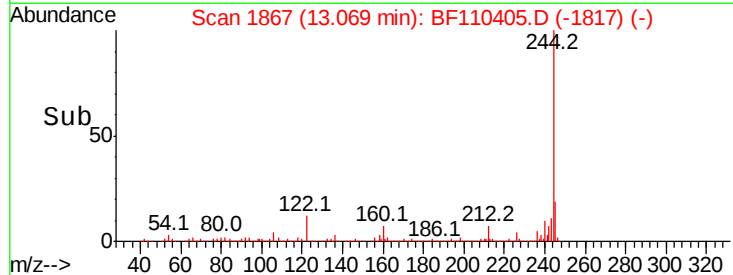
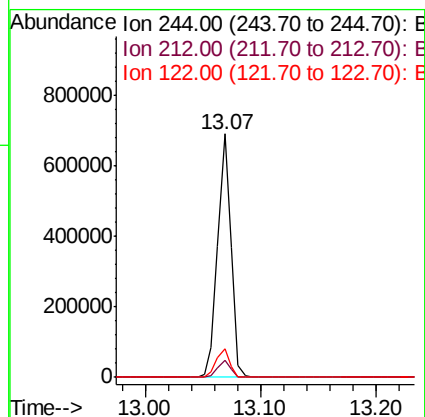
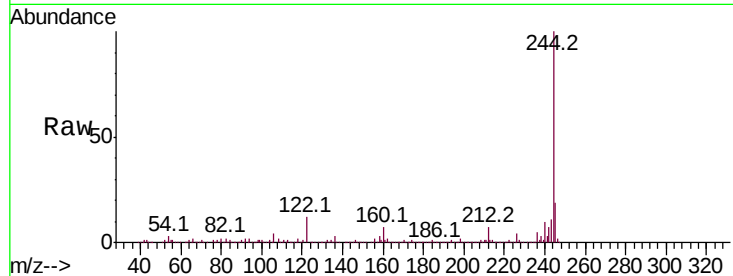
#79
 Terphenyl-d14
 Concen: 74.963 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110405.D
 Acq: 2 Nov 2018 12:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion:	244	Resp:	555693
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	11.6	8.7	13.1

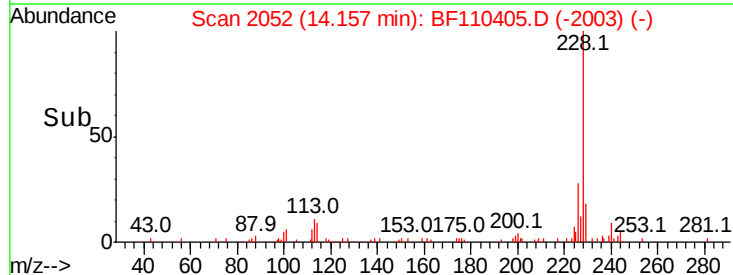
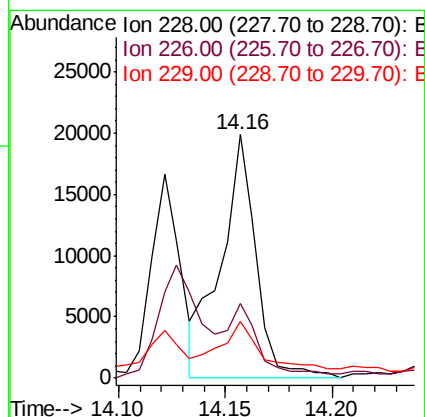
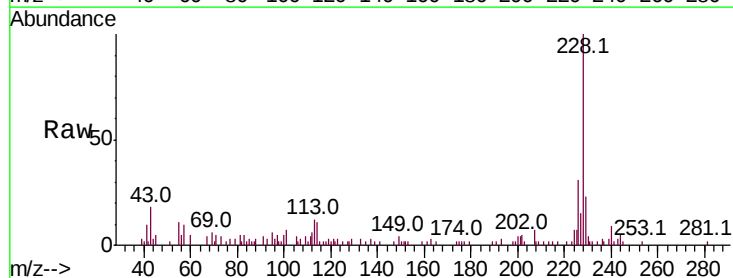
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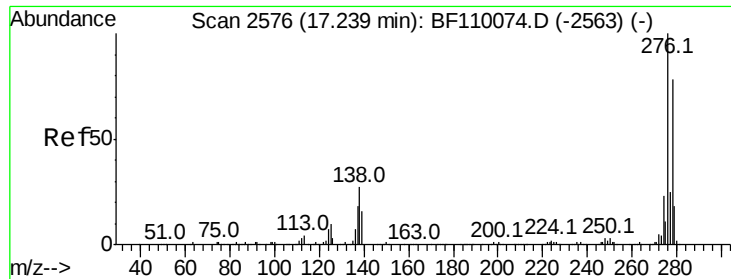
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#83
 Chrysene
 Concen: 2.651 ng m
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF110405.D
 Acq: 2 Nov 2018 12:08

Tgt Ion:	228	Resp:	23024
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.7	37.1
229	23.4	15.9	23.9





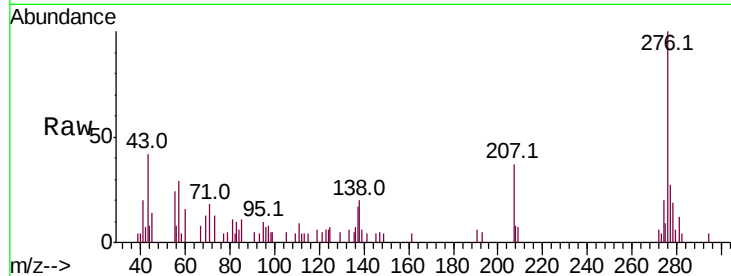
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.323 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	18.5	27.7
277	25.3	20.0	30.0

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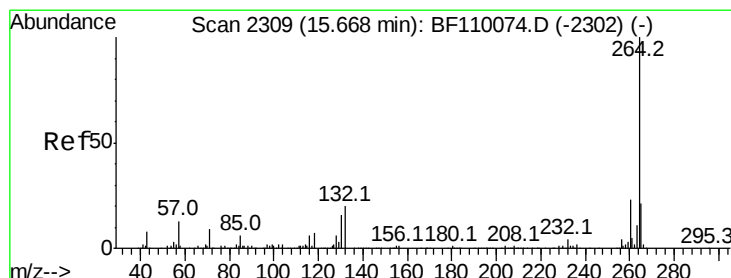
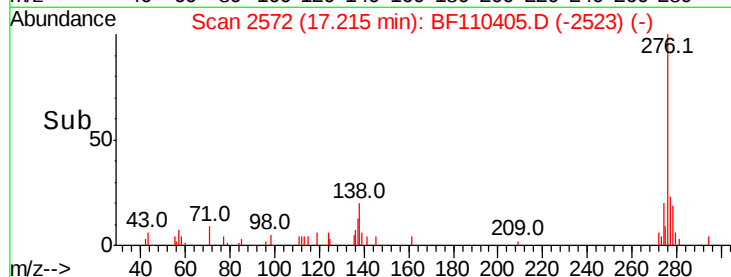
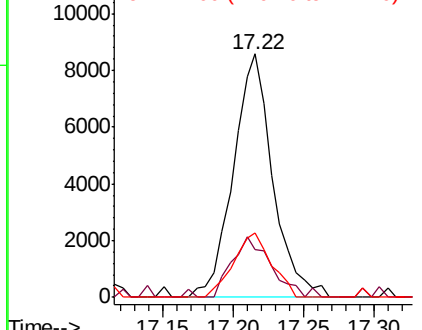


Abundance

Ion 276.00 (275.70 to 276.70): E

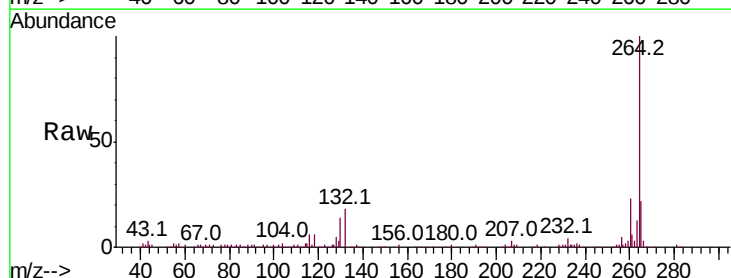
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.8	16.7	25.1

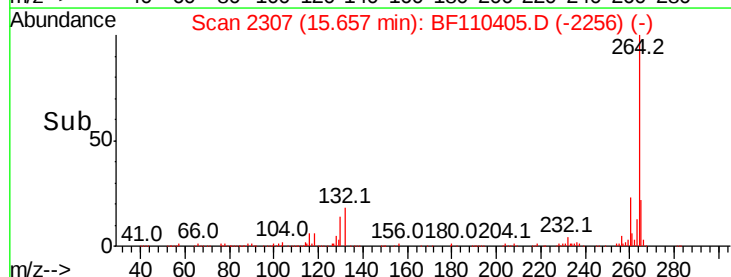
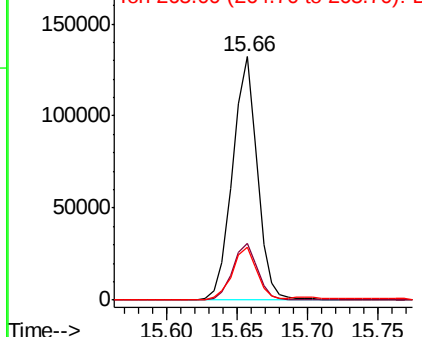


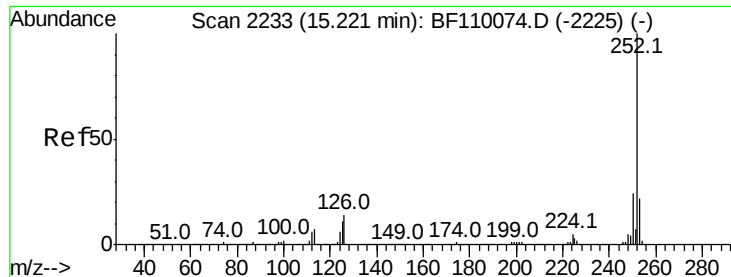
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





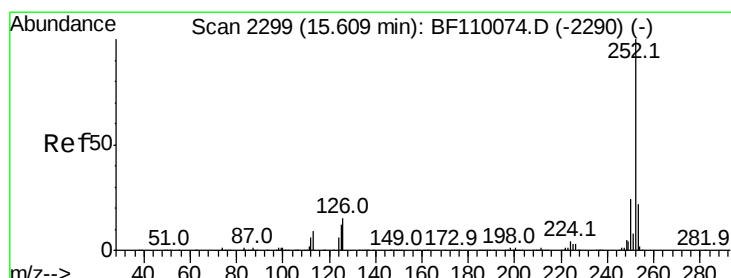
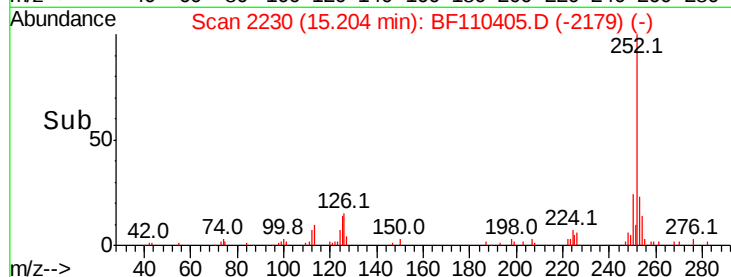
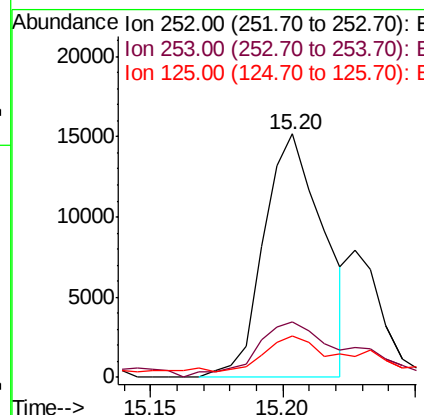
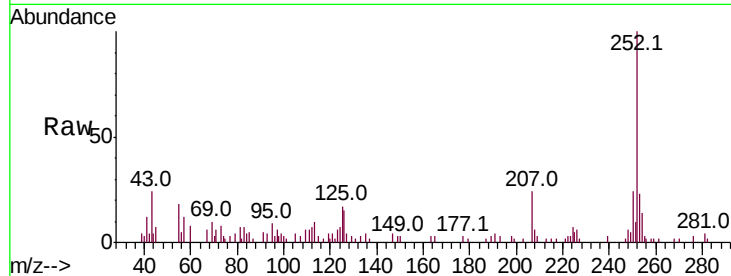
#88
Benzo(b)fluoranthene
Concen: 2.531 ng/mL
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	16.8	8.2	12.4

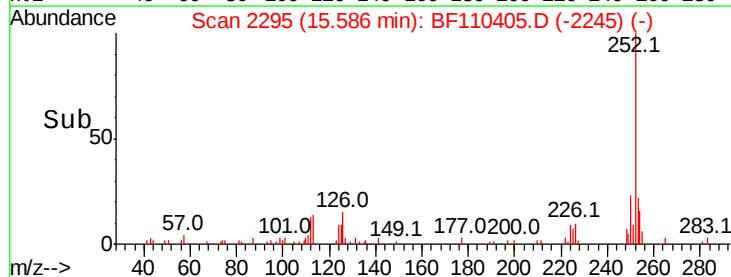
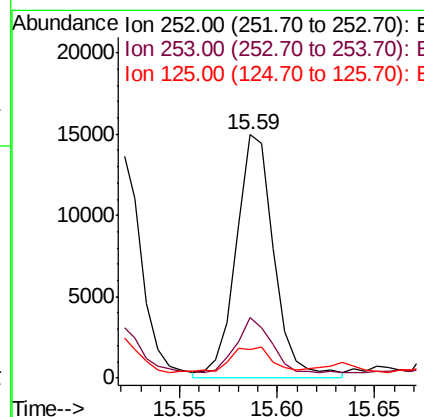
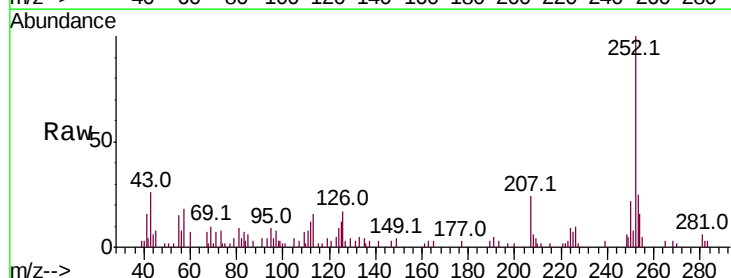
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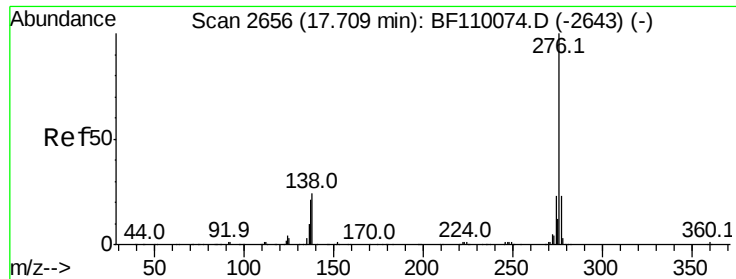
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#90
Benzo(a)pyrene
Concen: 2.350 ng/mL
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF110405.D
Acq: 2 Nov 2018 12:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.4
125	11.8	9.0	13.6





#92
 Benzo(a,h,i)perylene
 Concen: 2.538 ng
 RT: 17.69 min Scan# 2652
 Delta R.T. -0.02 min
 Lab File: BF110405.D
 Acq: 2 Nov 2018 12:08

Instrument :
 BNA_F
 ClientSampled :
 TP-5

Tot Ion:	276	Resp:	18635
Ion Ratio	Lower	Upper	
276	100		
277	26.7	18.8	28.2
138	20.1	16.0	24.0

Manual Integrations
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Sohil
 11/5/2018 10:32:35 AM

