

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101566.D
 Acq On : 20 Dec 2017 14:35
 Operator : SJ/JU
 Sample : I6983-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCW

Manual Integrations
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Sohil
 12/21/2017 12:06:58 PM

Quant Time: Dec 20 15:57:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	163812	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	656199	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	283213	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	495643	20.00	ng	0.00
75) Chrysene-d12	13.98	240	282523	20.00	ng	0.00
86) Perylene-d12	15.44	264	308665	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	650811	59.18	ng	0.00
7) Phenol-d6	6.43	99	517306	37.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	1006845	85.41	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	335832	123.06	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1599146	87.59	ng	0.00
78) Terphenyl-d14	12.91	244	1205090	102.83	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	77556	3.404	ng	Qvalue # 99
51) Acenaphthene	9.86	154	65216	3.576	ng	98
57) Fluorene	10.38	166	45601	2.326	ng	98
70) Phenanthrene	11.35	178	101391	3.678	ng	99
77) Pyrene	12.77	202	64205	3.028	ng	# 93

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

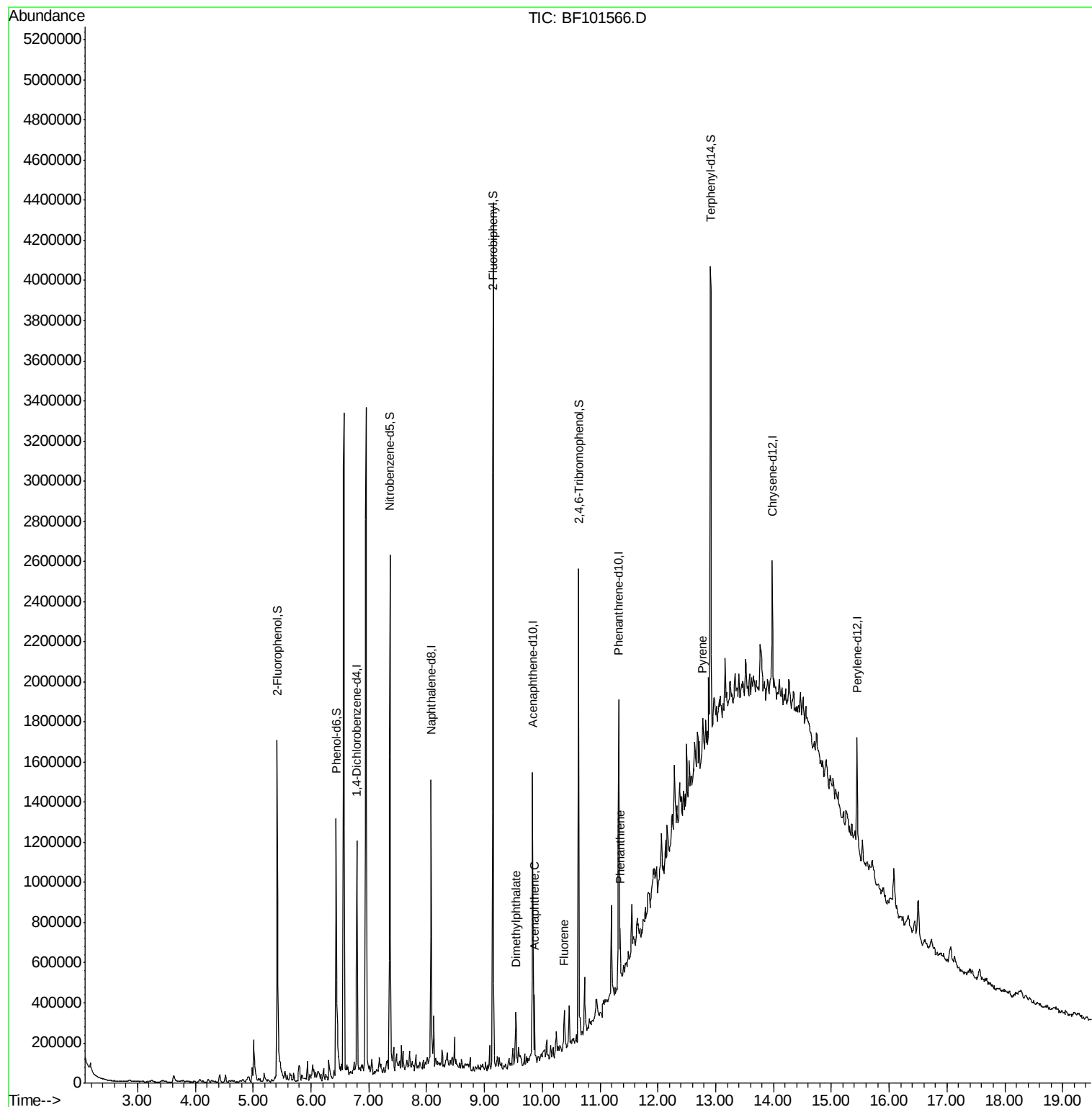
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101566.D
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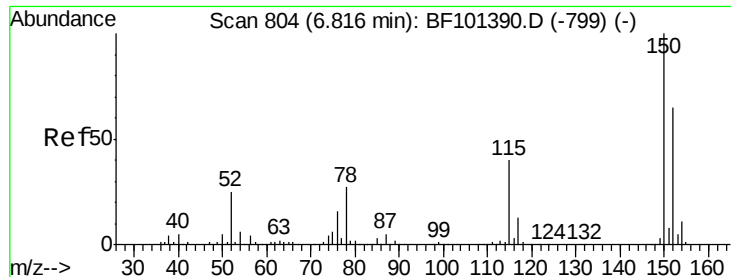
Instrument :
BNA_F
ClientSampleId :
PHMHB-WCW

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Quant Time: Dec 20 15:57:53 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

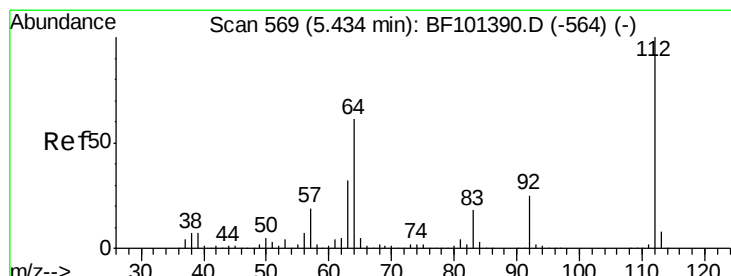
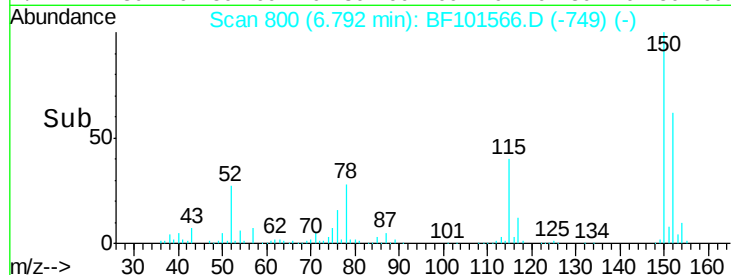
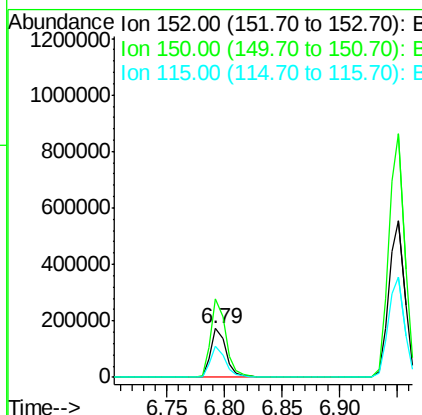
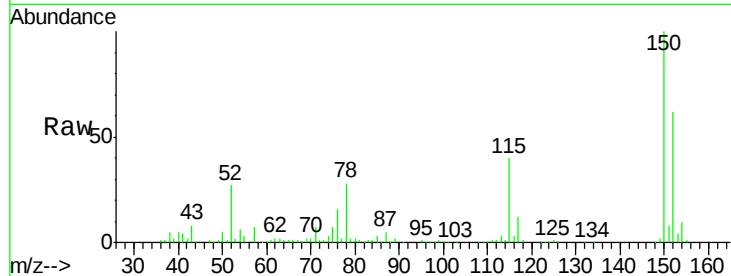
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101566.D
Acq: 20 Dec 2017 14:35

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCW

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.6	186.8
115	64.7	50.1	75.1

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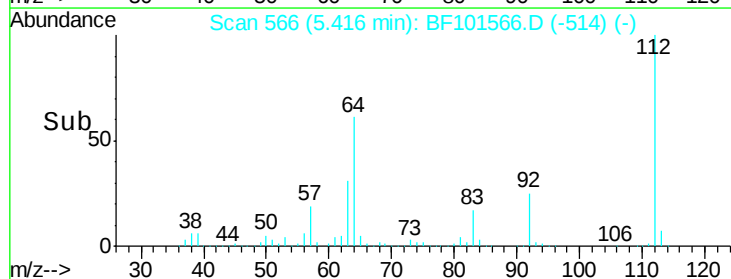
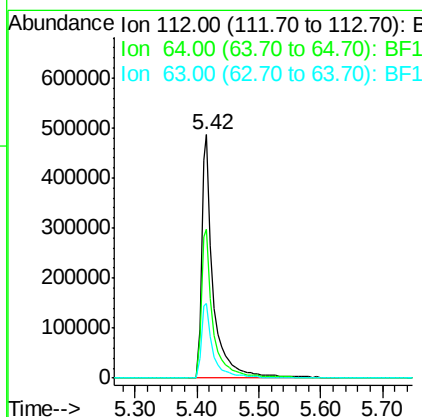
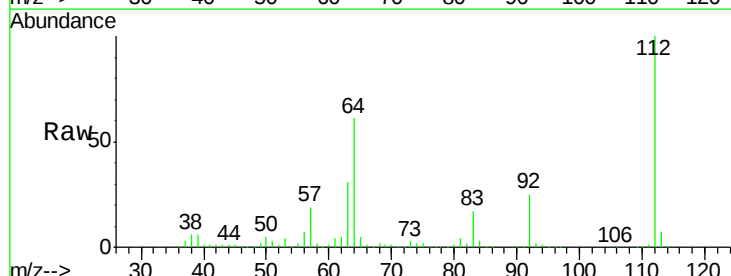
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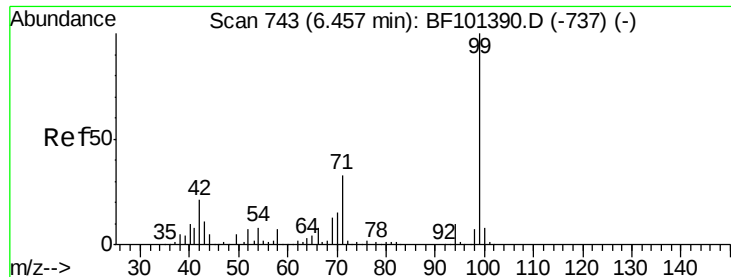


#5

2-Fluorophenol
Concen: 59.180 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101566.D
Acq: 20 Dec 2017 14:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	30.9	23.7	35.5





#7

Phenol-d6

Concen: 37.797 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

Instrument :

BNA_F

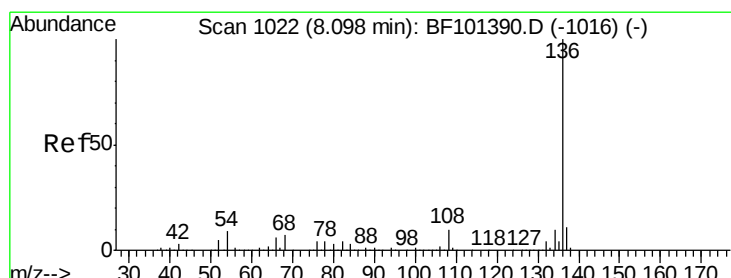
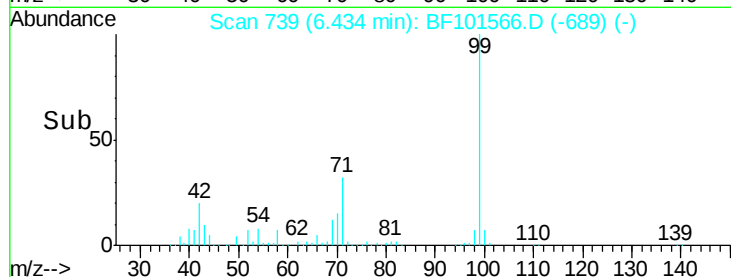
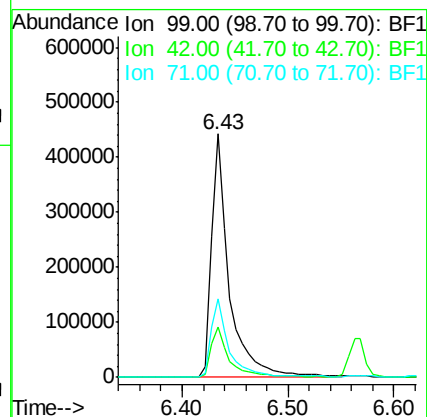
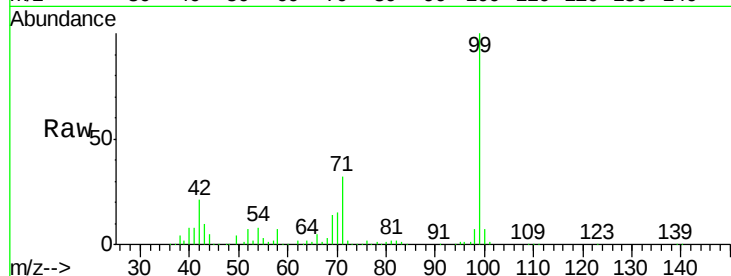
ClientSampleId :

PHMHB-WCW

Tgt Ion:	99	Resp:	517306
Ion Ratio	Lower	Upper	
99	100		
42	20.5	14.5	21.7
71	32.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

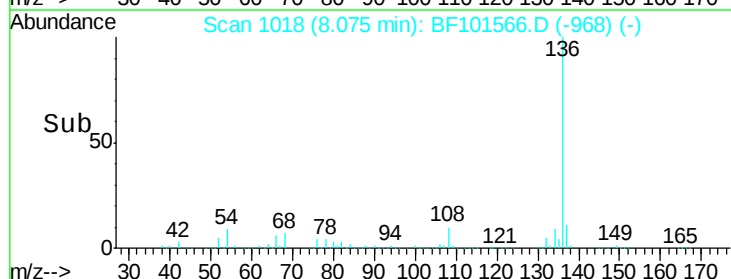
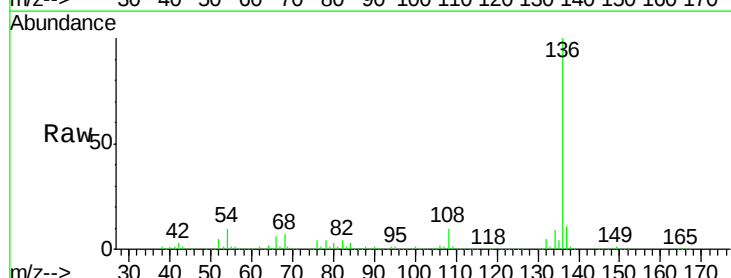
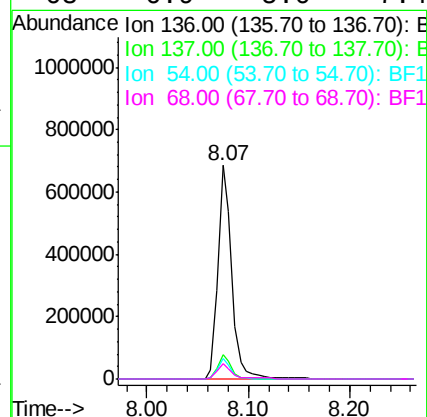
RT: 8.07 min Scan# 1018

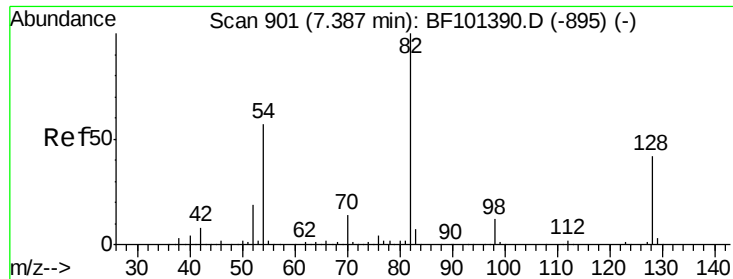
Delta R.T. -0.01 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

Tgt Ion:	136	Resp:	656199
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	9.6	6.6	9.8
68	6.9	5.0	7.4





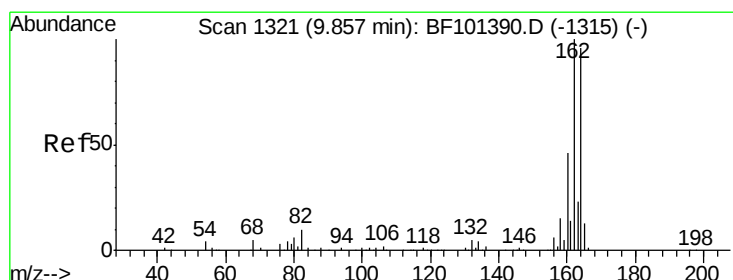
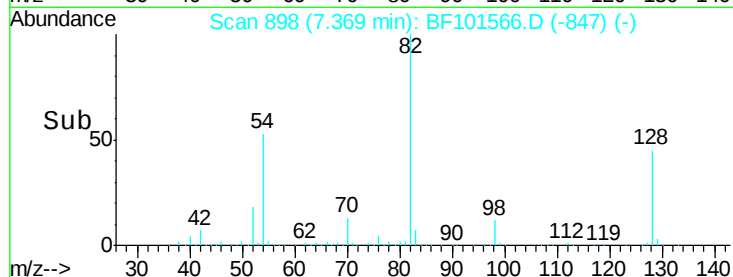
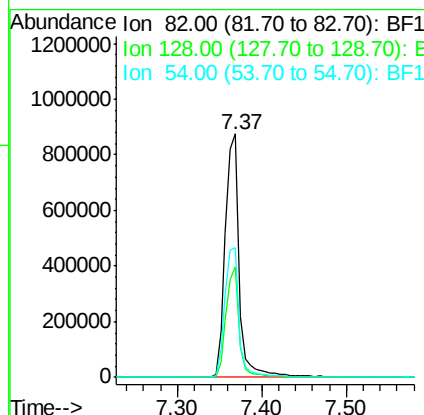
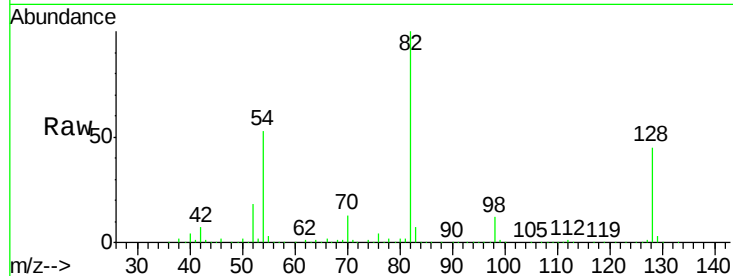
#23
Nitrobenzene-d5
Concen: 85.411 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101566.D
Acq: 20 Dec 2017 14:35

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCW

Tgt Ion: 82 Resp: 1006845
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 53.1 41.4 62.2

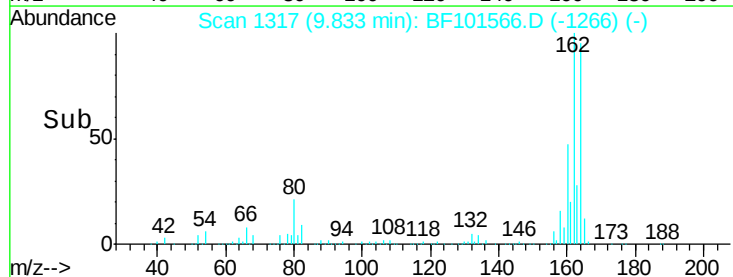
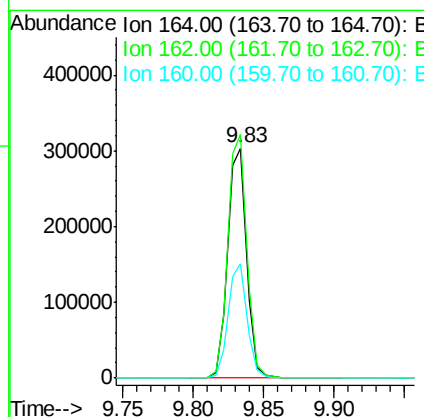
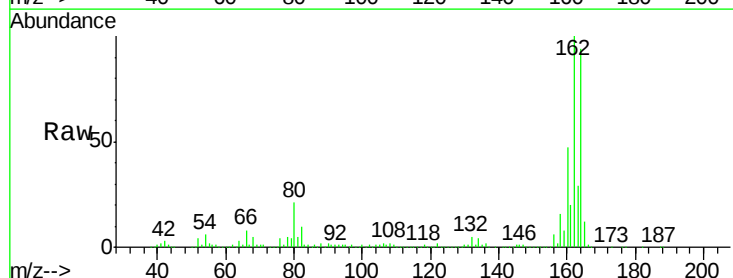
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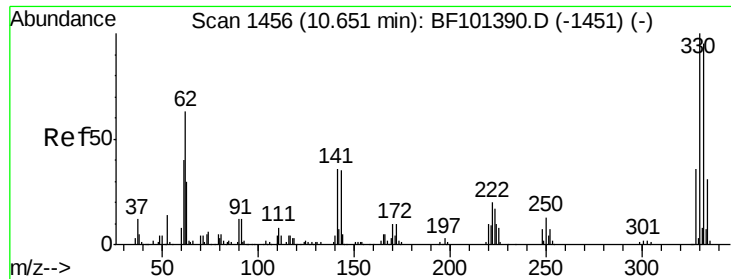
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101566.D
Acq: 20 Dec 2017 14:35

Tgt Ion: 164 Resp: 283213
Ion Ratio Lower Upper
164 100
162 106.0 86.1 129.1
160 49.9 38.3 57.5





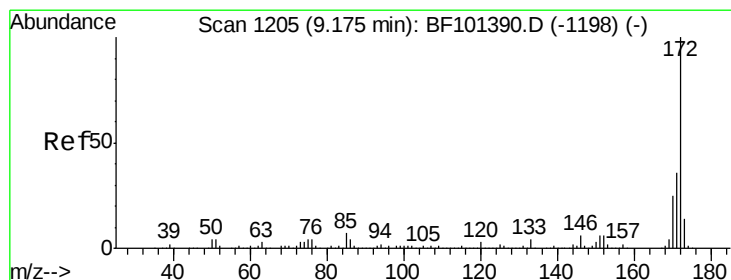
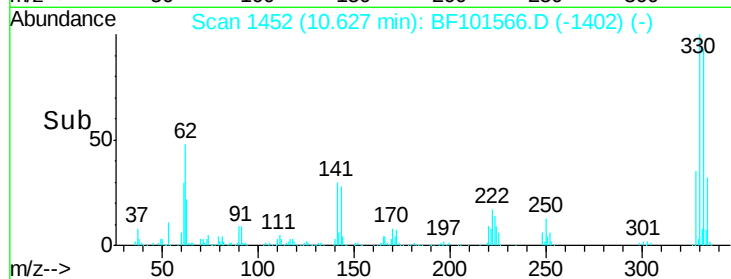
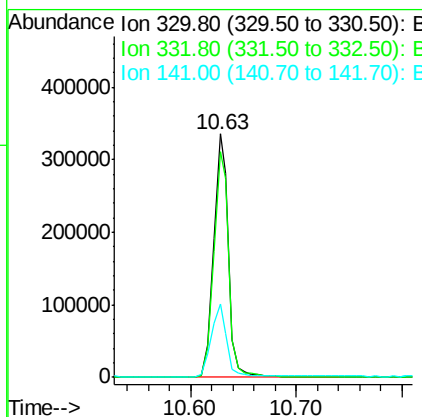
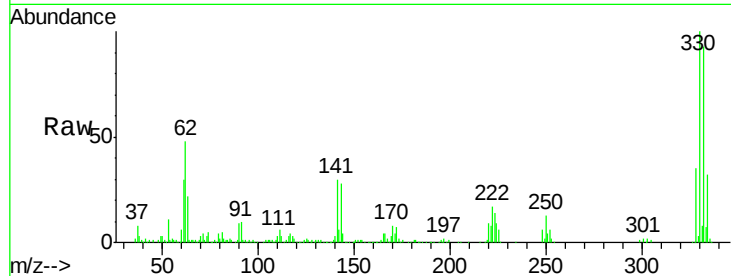
#41
 2,4,6-Tribromophenol
 Concen: 123.061 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101566.D
 Acq: 20 Dec 2017 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCW

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	335832		
332	94.4	77.0	115.6	
141	31.4	29.9	44.9	

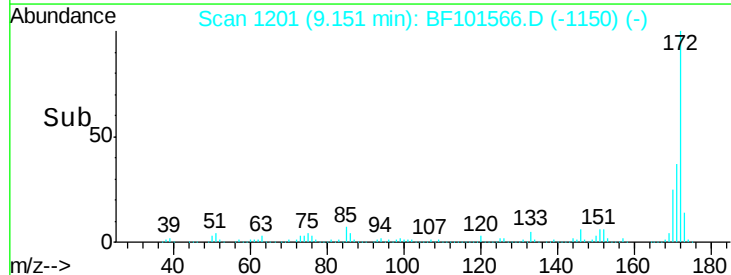
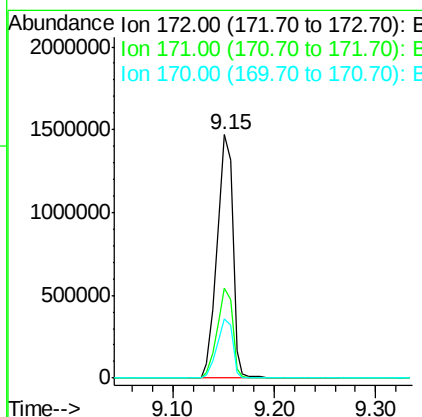
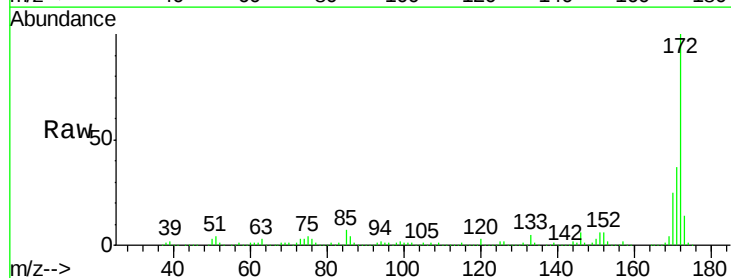
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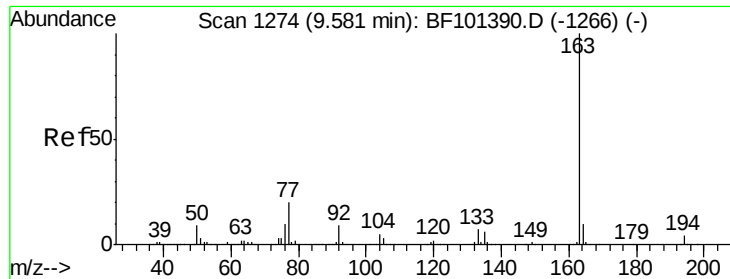
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#44
 2-Fluorobiphenyl
 Concen: 87.590 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101566.D
 Acq: 20 Dec 2017 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1599146		
171	36.9	29.7	44.5	
170	24.6	19.6	29.4	





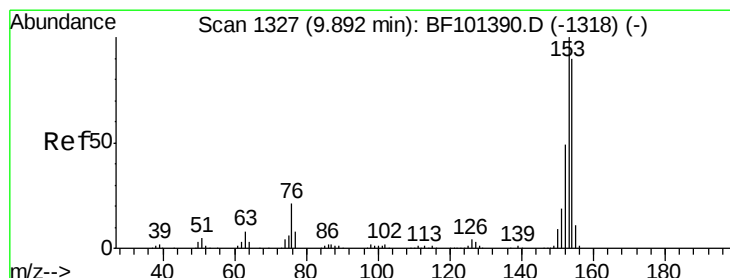
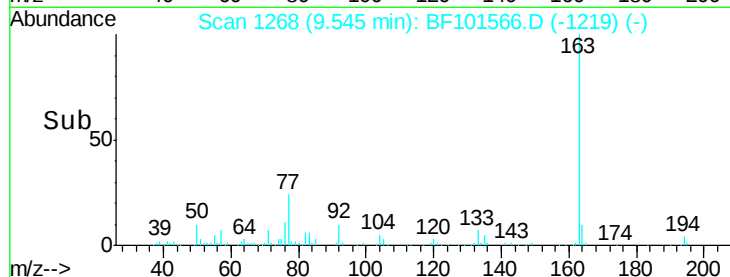
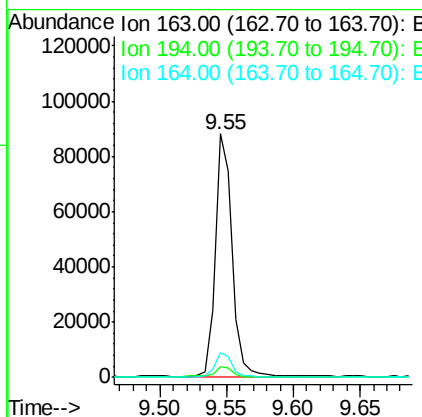
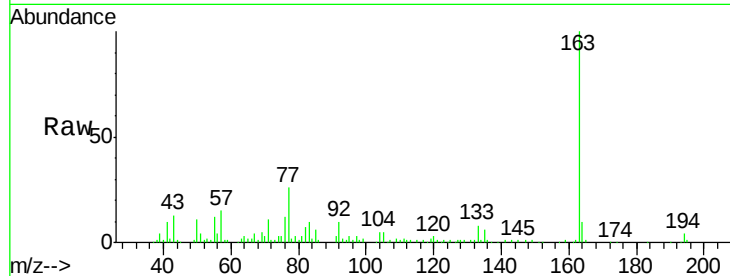
#49
Dimethylphthalate
Concen: 3.404 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101566.D
Acq: 20 Dec 2017 14:35

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	77556		
194	4.1	2.7	4.1#	
164	10.4	8.2	12.2	

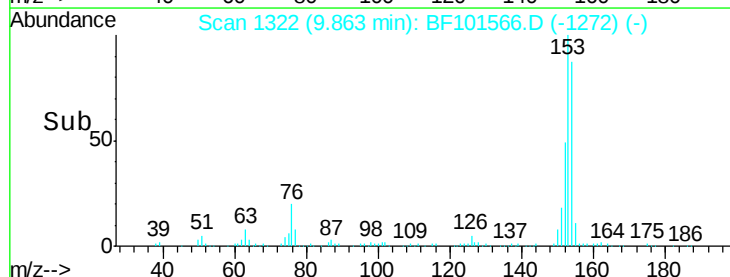
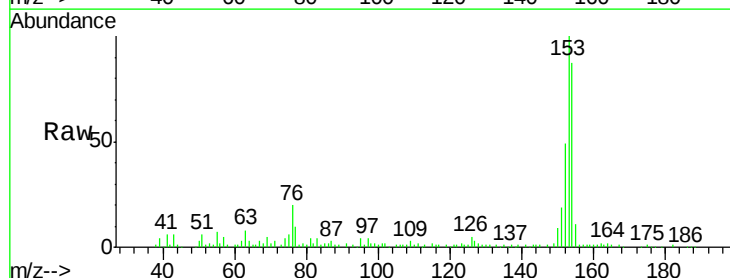
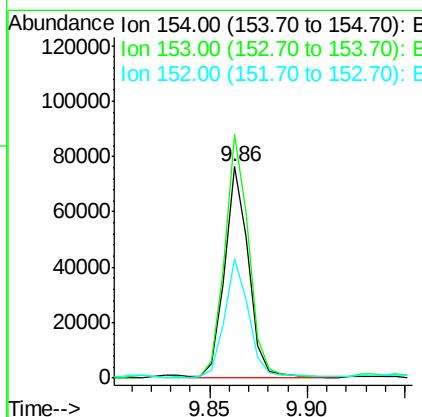
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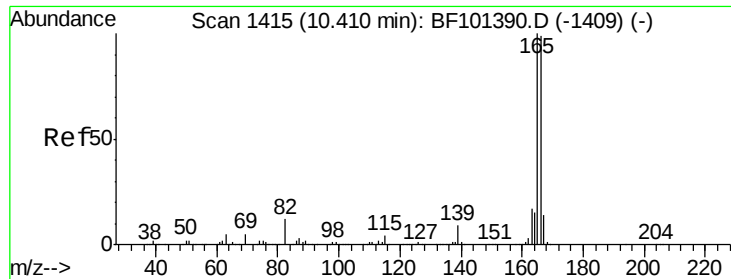
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#51
Acenaphthene
Concen: 3.576 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101566.D
Acq: 20 Dec 2017 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	65216		
153	115.3	91.2	136.8	
152	56.7	43.8	65.8	





#57

Fluorene

Concen: 2.326 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

Instrument :

BNA_F

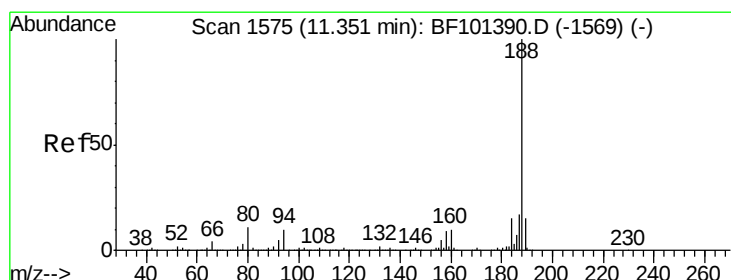
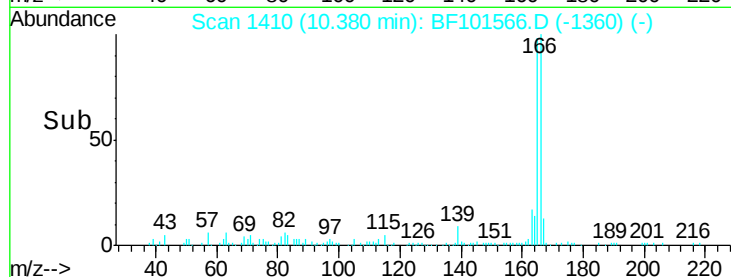
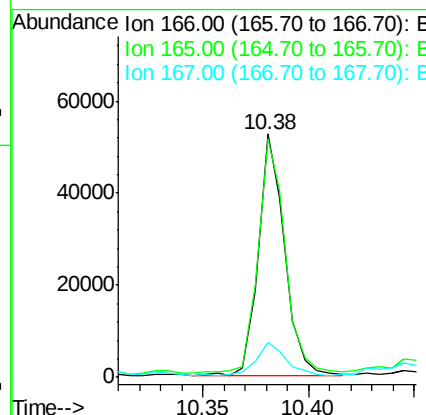
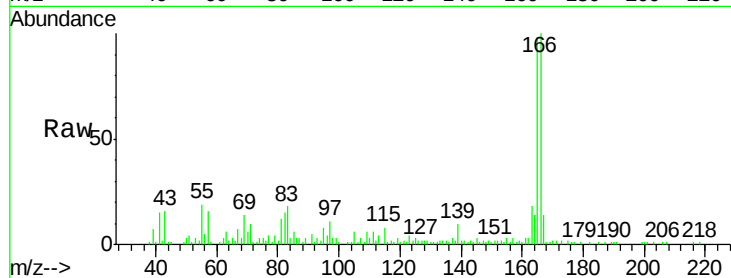
ClientSampleId :

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Tgt Ion:	166	Resp:	45601
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.8	119.8
167	14.4	10.6	16.0

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#63

Phenanthrene-d10

Concen: 20.000 ng

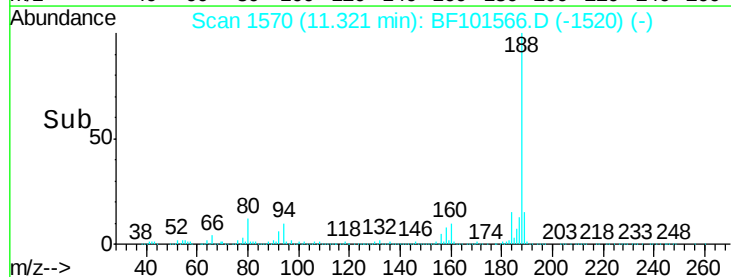
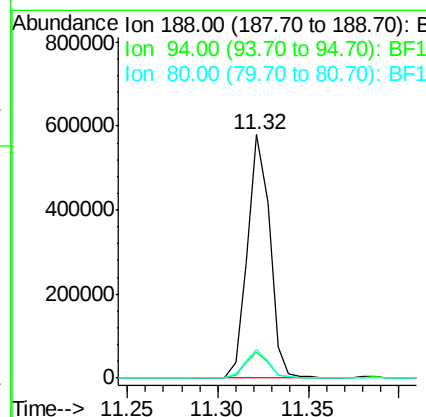
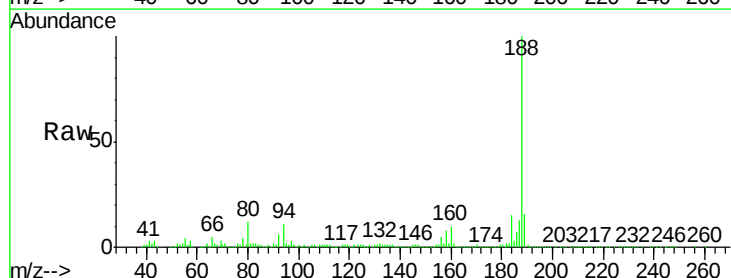
RT: 11.32 min Scan# 1570

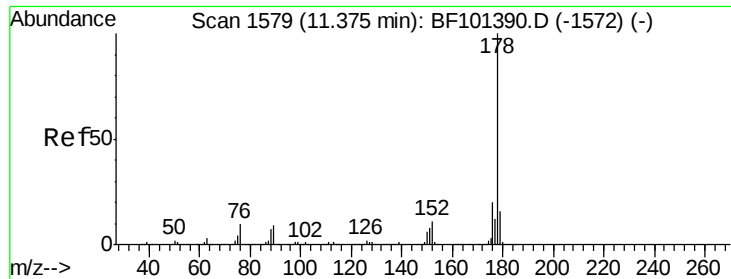
Delta R.T. -0.01 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

Tgt Ion:	188	Resp:	495643
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.5	12.7
80	11.9	9.2	13.8





#70

Phenanthrene

Concen: 3.678 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

Instrument :

BNA_F

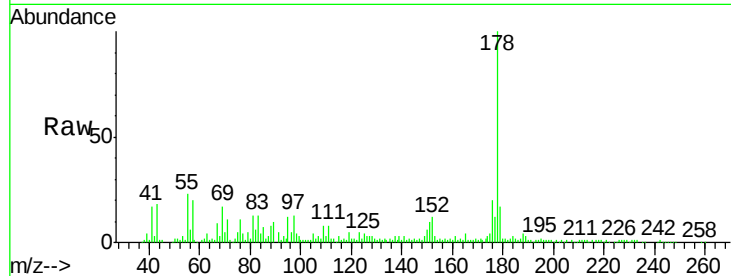
ClientSampleId :

PHMHB-WCW

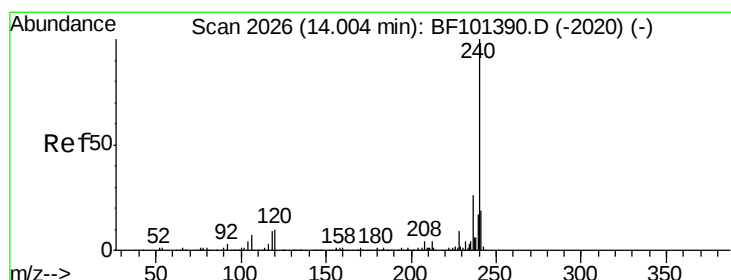
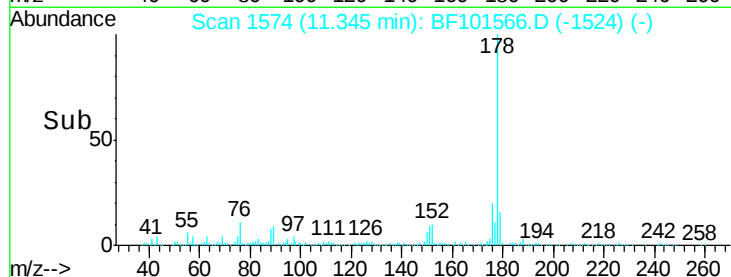
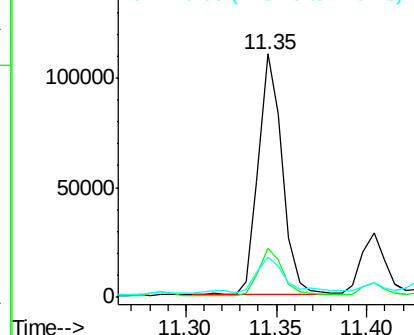
Tgt Ion:	178	Resp:	101391
Ion Ratio		Lower	Upper
178	100		
176	20.3	15.8	23.8
179	16.7	13.0	19.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

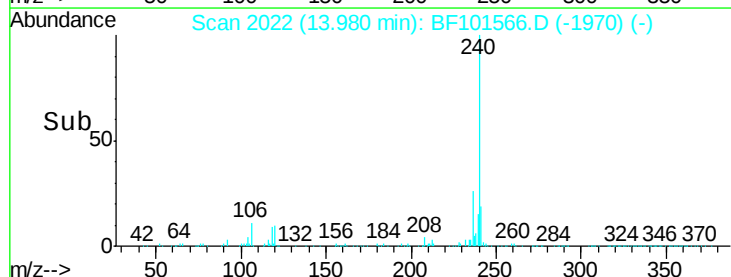
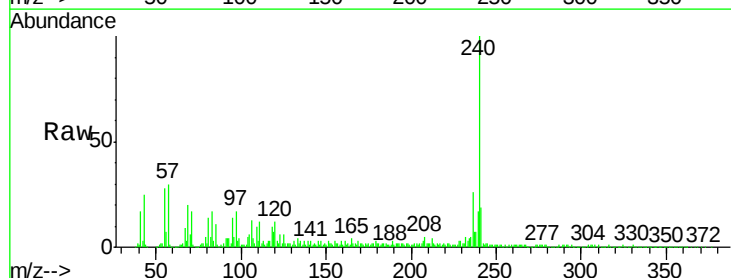
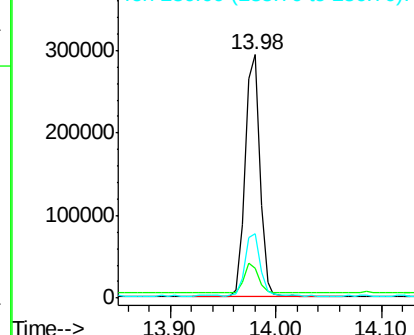
Delta R.T. 0.01 min

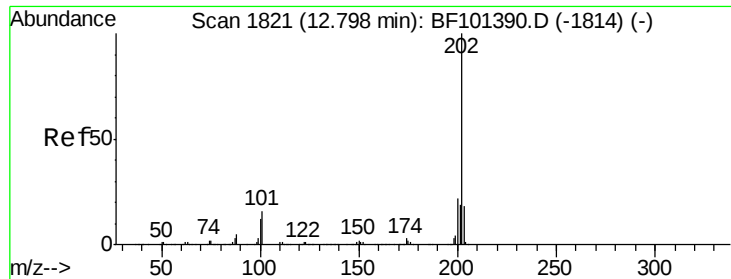
Lab File: BF101566.D

Acq: 20 Dec 2017 14:35

Tgt Ion:	240	Resp:	282523
Ion Ratio		Lower	Upper
240	100		
120	12.2	9.5	14.3
236	26.4	20.7	31.1

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





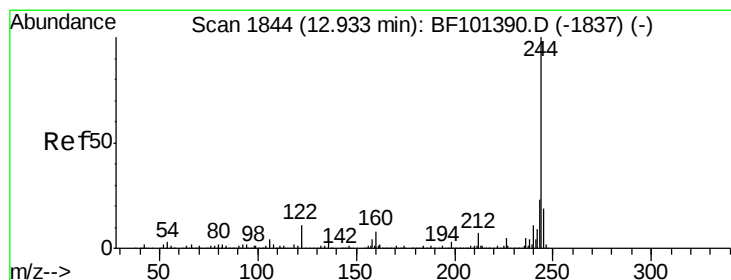
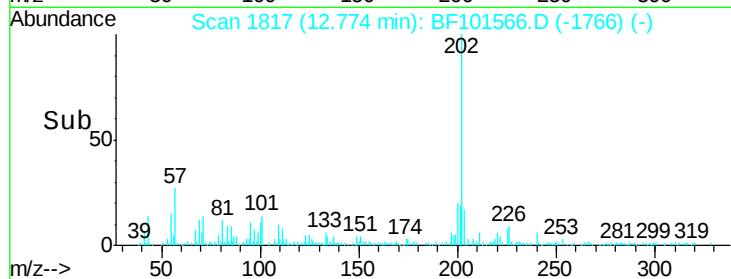
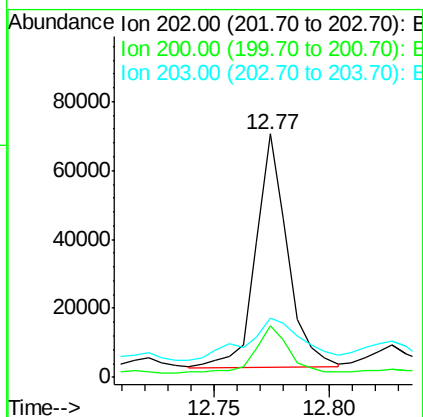
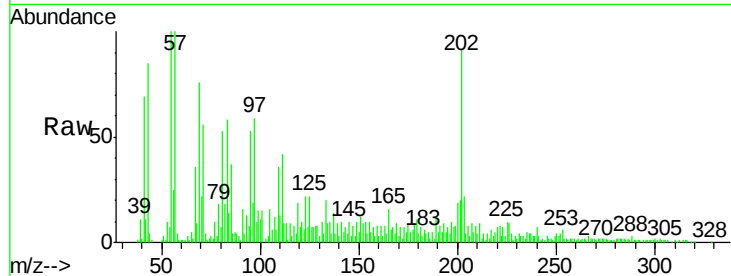
#77
Pyrene
Concen: 3.028 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF101566.D
Acq: 20 Dec 2017 14:35

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCW

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	24.5	14.3	21.5

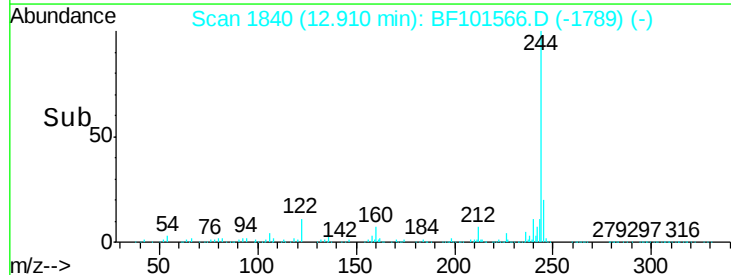
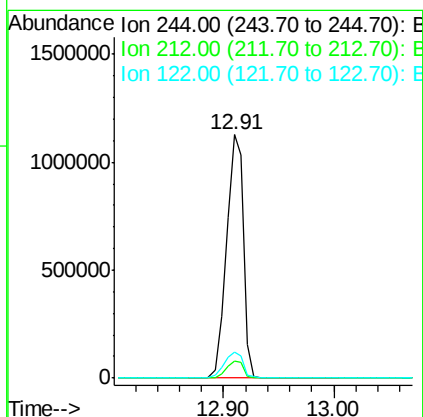
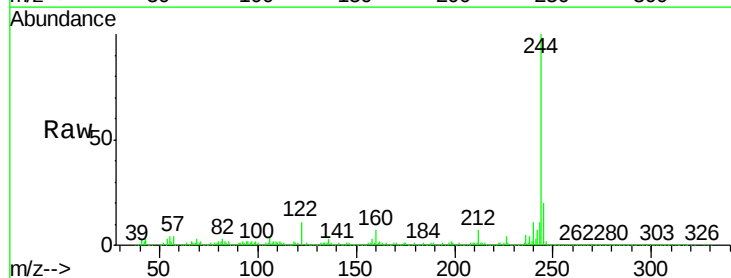
Manual Integrations
APPROVED

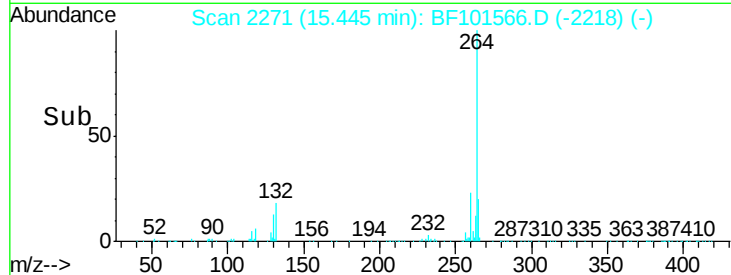
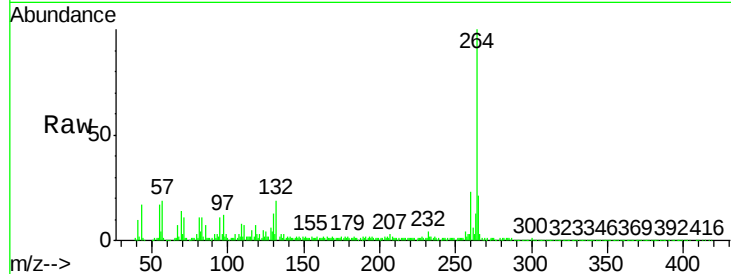
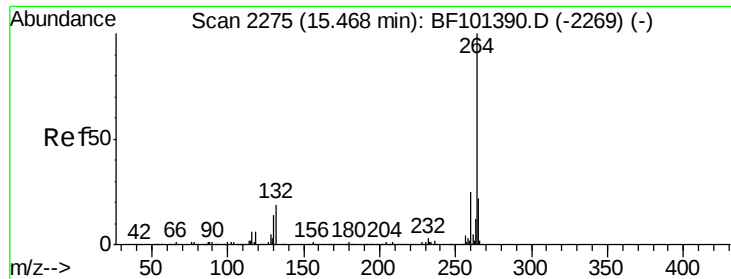
Sohil
12/21/2017 12:06:58 PM



#78
Terphenyl-d14
Concen: 102.830 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF101566.D
Acq: 20 Dec 2017 14:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF101566.D
Acq: 20 Dec 2017 14:35

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCW

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	308665		
260	23.2	19.2	28.8	
265	20.9	17.5	26.3	

Manual Integrations
APPROVED

Sohil
12/21/2017 12:06:58 PM

