

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103690.D
 Acq On : 16 Mar 2018 12:24
 Operator : JU/SJ
 Sample : J1867-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS113071

Manual Integrations
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Sohil
 3/19/2018 2:00:43 PM

Quant Time: Mar 16 15:59:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 13:24:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	168092	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	700276	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	332223	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	619062	20.00	ng	0.00
75) Chrysene-d12	14.14	240	540611	20.00	ng	0.00
86) Perylene-d12	15.67	264	419248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	539300	48.80	ng	0.00
7) Phenol-d6	6.57	99	392824	29.05	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1002551	99.84	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	389927	136.51	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1670009	80.18	ng	0.00
78) Terphenyl-d14	13.09	244	1681764	72.21	ng	0.00
Target Compounds						
32) Benzoic acid	7.94	122	10847	11.130	ng	92
35) Caprolactam	8.64	113	19020m	6.096	ng	
49) Dimethylphthalate	9.71	163	52979	2.090	ng	99

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

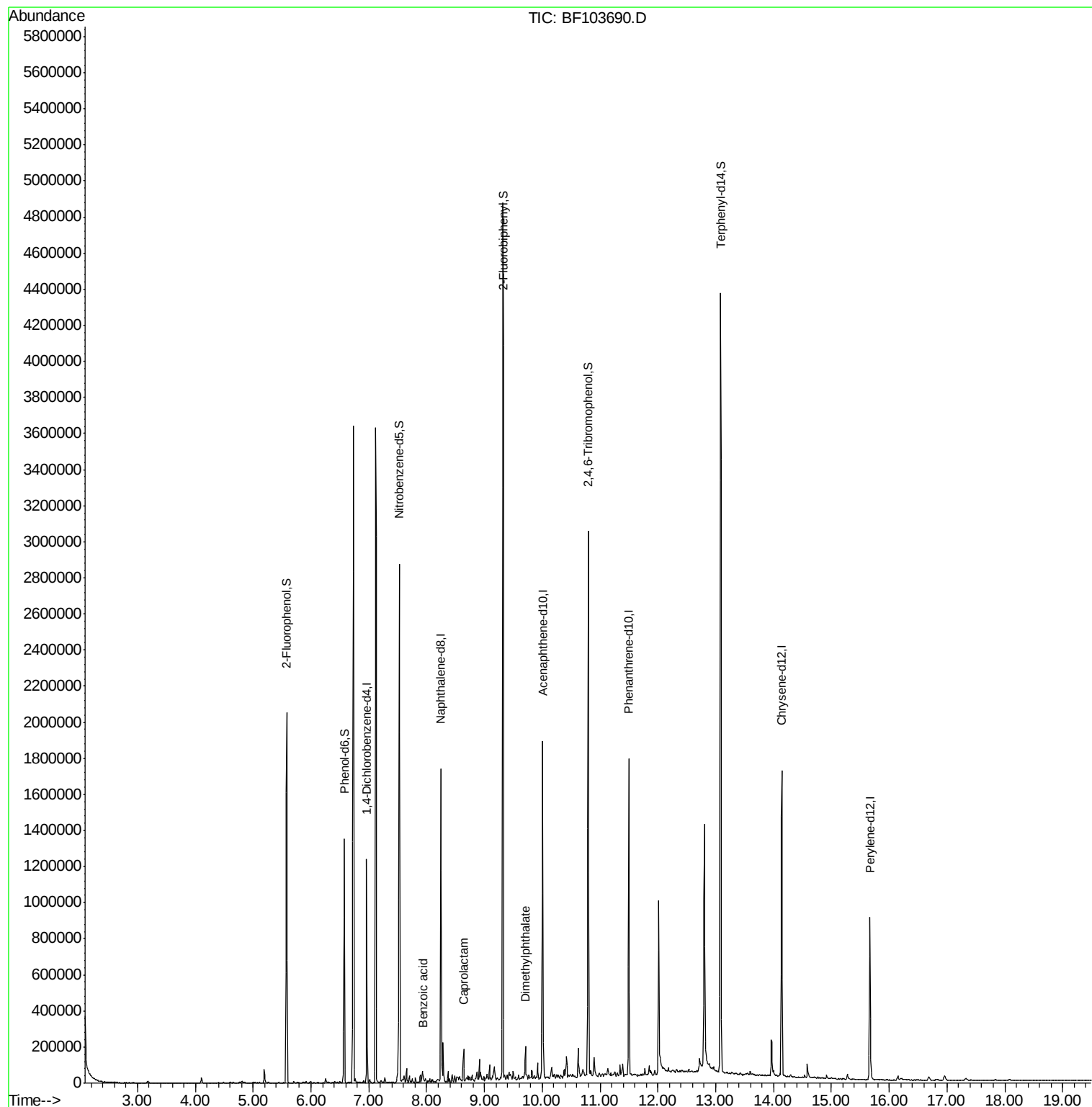
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103690.D
Acq On : 16 Mar 2018 12:24
Operator : JU/SJ
Sample : J1867-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

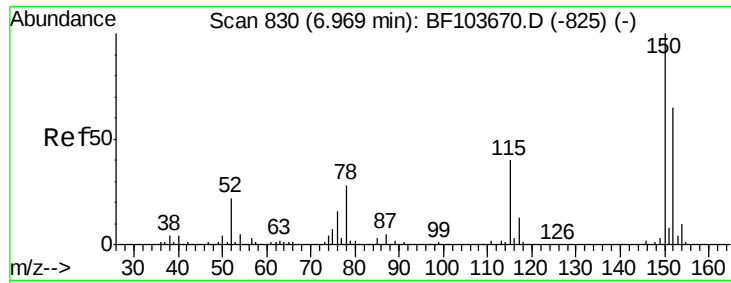
Instrument :
BNA_F
ClientSampleId :
CPS113071

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Quant Time: Mar 16 15:59:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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#1

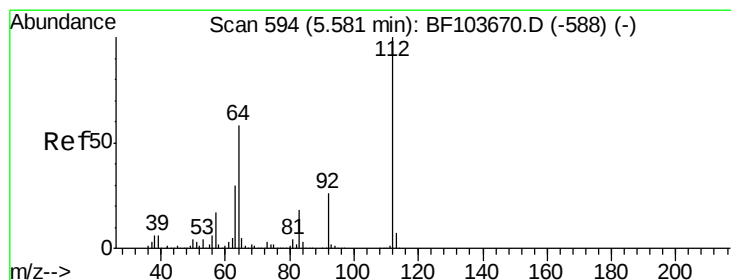
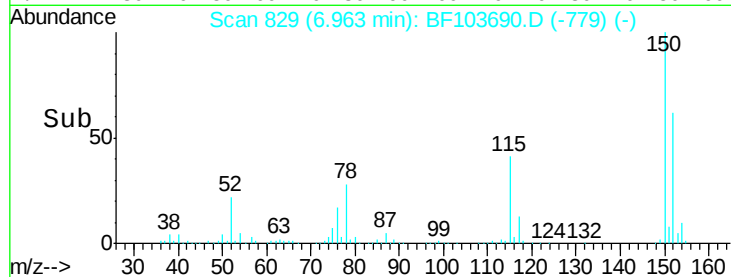
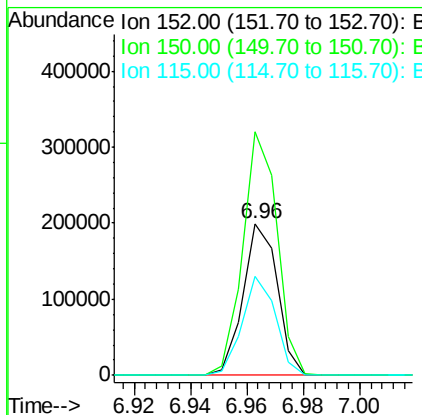
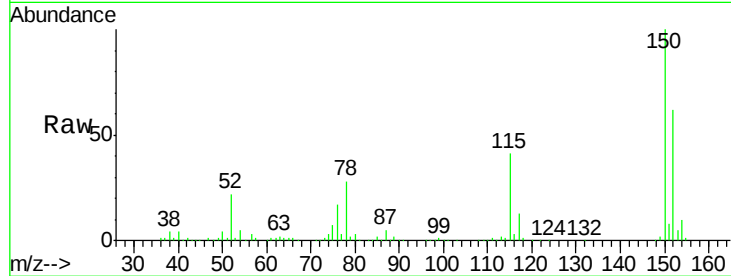
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :
CPS113071

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	65.6	50.1	75.1

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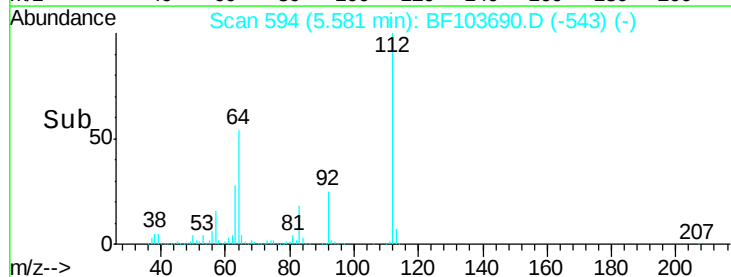
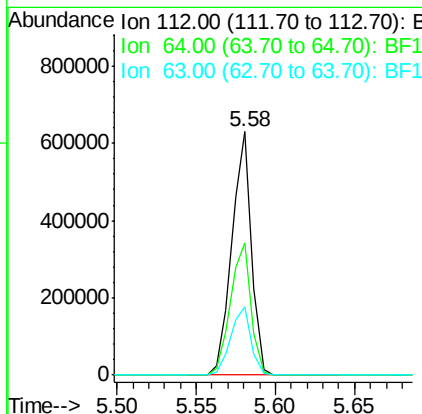
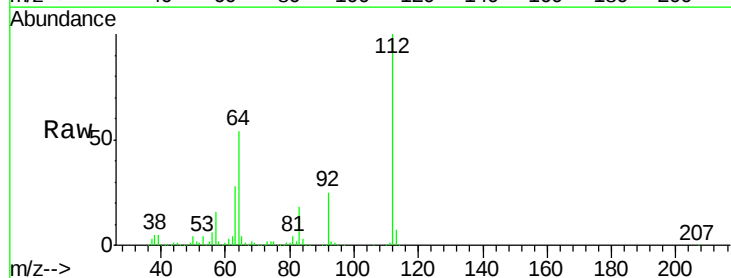
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#5

2-Fluorophenol
Concen: 48.799 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	47.9	71.9
63	27.9	23.7	35.5





#7

Phenol-d6

Concen: 29.054 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF103690.D

Acq: 16 Mar 2018 12:24

Instrument :

BNA_F

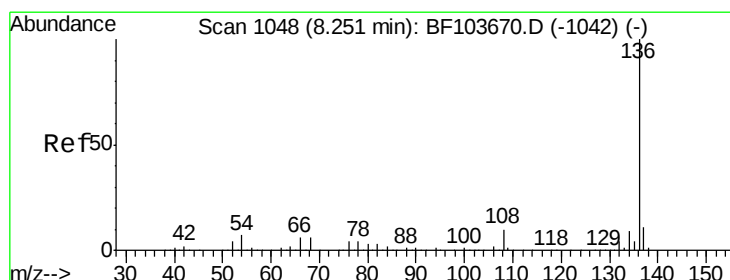
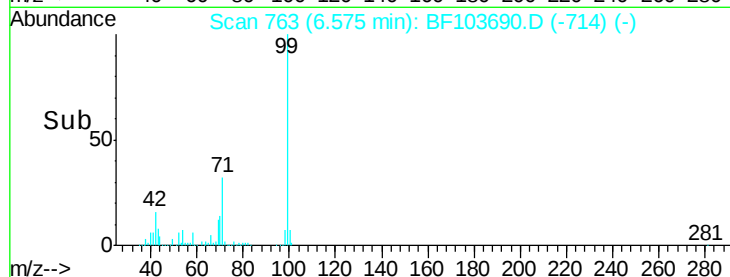
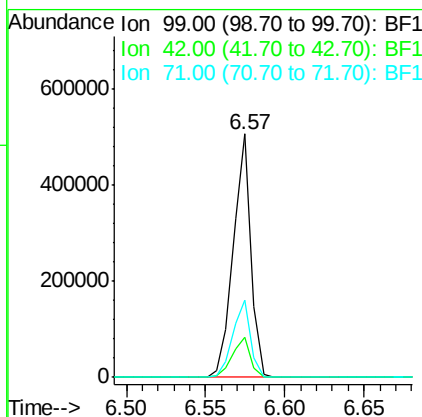
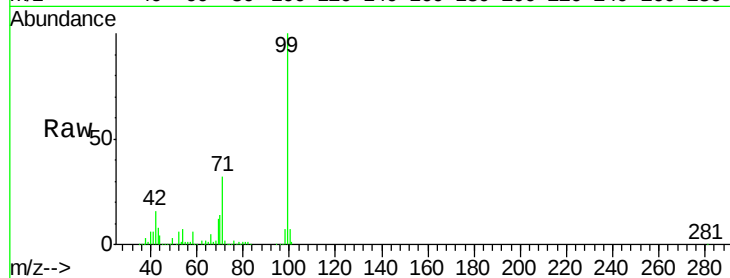
ClientSampled :

CPS113071

Tot Ion:	99	Resp:	392824
Ion Ratio	Lower	Upper	
99	100		
42	16.2	14.5	21.7
71	31.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

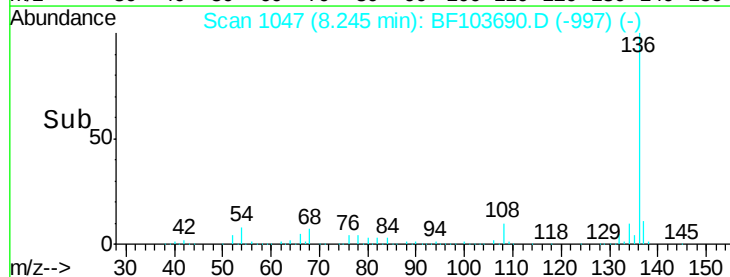
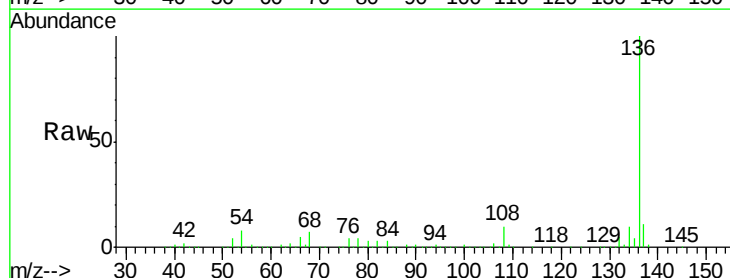
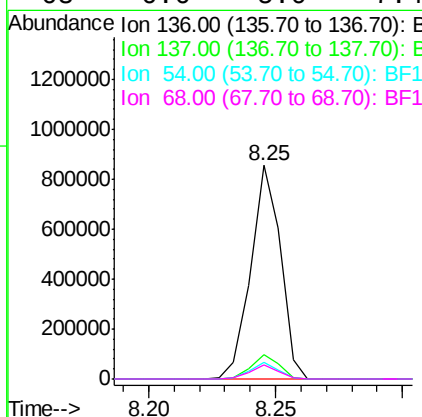
RT: 8.25 min Scan# 1047

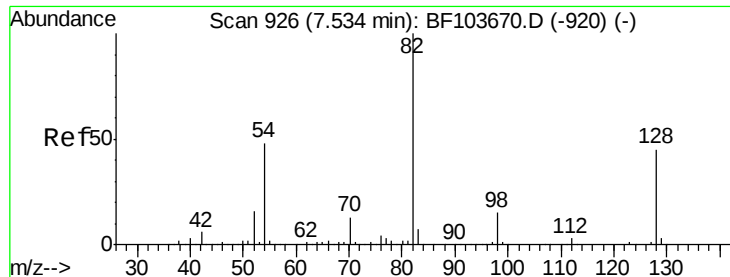
Delta R.T. -0.01 min

Lab File: BF103690.D

Acq: 16 Mar 2018 12:24

Tgt Ion:	136	Resp:	700276
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	7.7	6.6	9.8
68	6.6	5.0	7.4





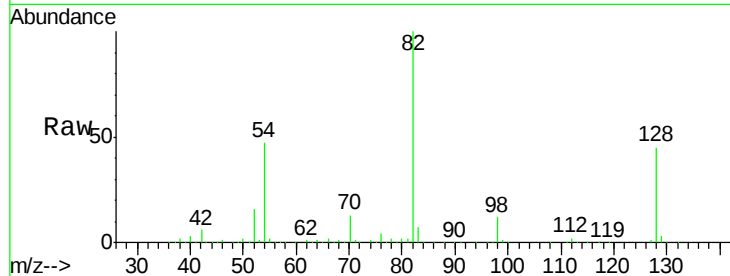
#23
Nitrobenzene-d5
Concen: 99.837 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :
CPS113071

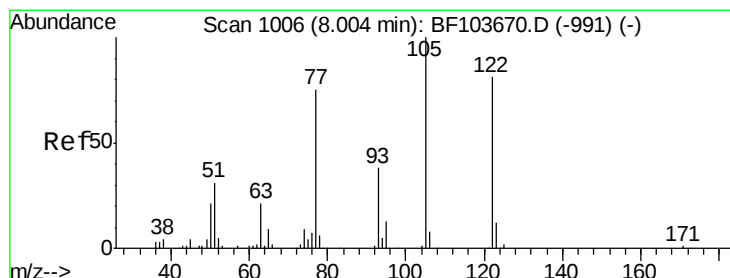
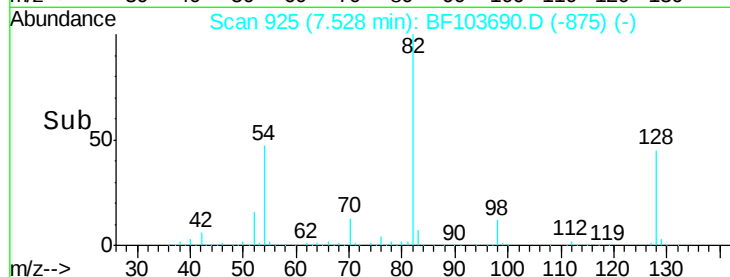
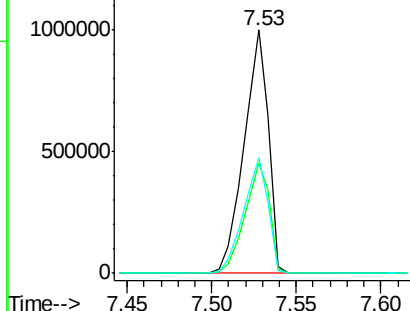
Tot Ion: 82 Resp: 1002551
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 47.4 41.4 62.2

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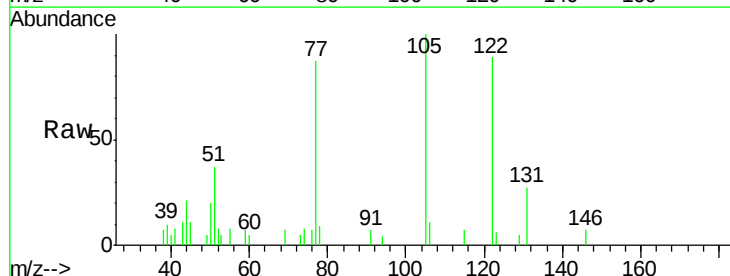


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

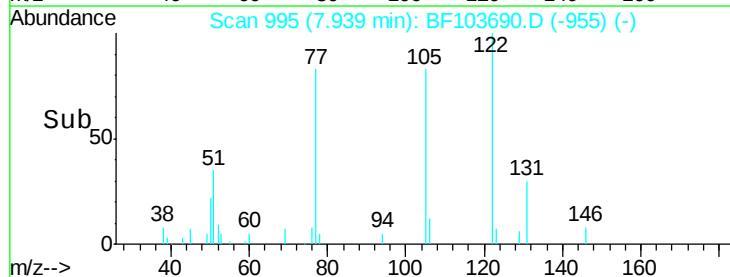
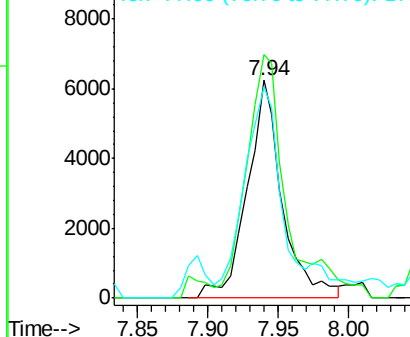


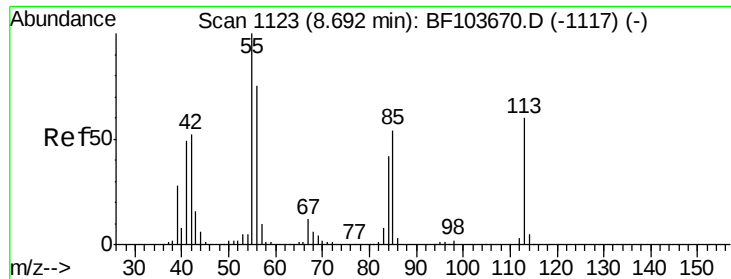
#32
Benzoic acid
Concen: 11.130 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.06 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion:122 Resp: 10847
Ion Ratio Lower Upper
122 100
105 112.0 101.1 141.1
77 97.3 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





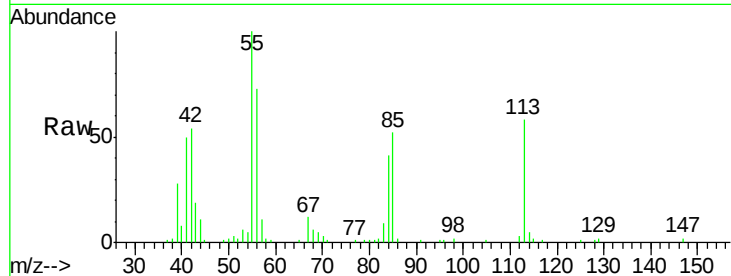
#35
 Caprolactam
 Concen: 6.096 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.05 min
 Lab File: BF103690.D
 Acq: 16 Mar 2018 12:24

Instrument :
 BNA_F
 ClientSampleID :
 CPS113071

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	173.4		163.3	203.3	
56	127.1		115.7	155.7	

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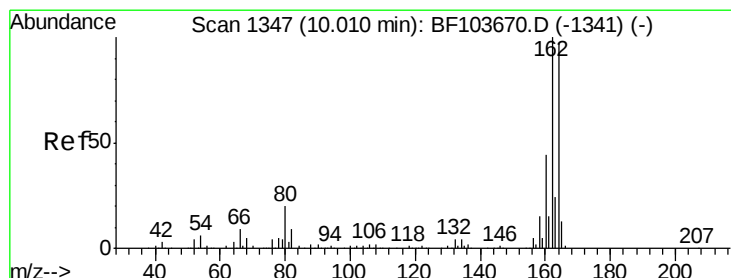
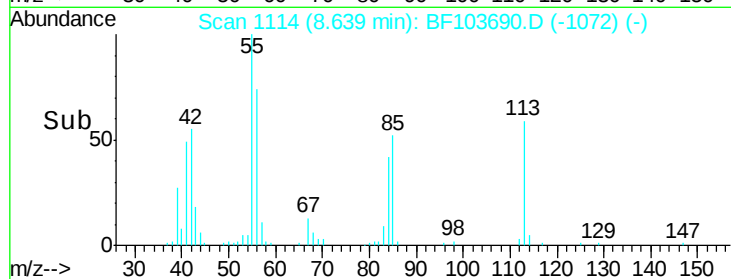
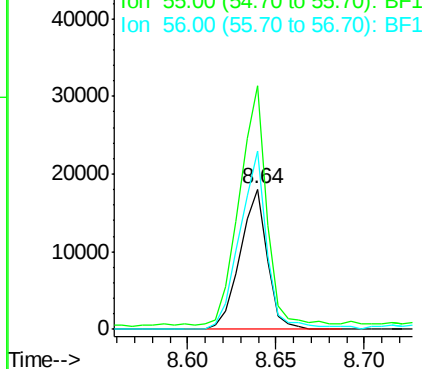
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Abundance Ion 113.00 (112.70 to 113.70): E

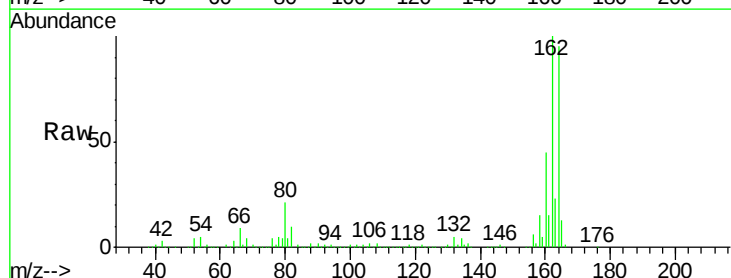
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF103690.D
 Acq: 16 Mar 2018 12:24

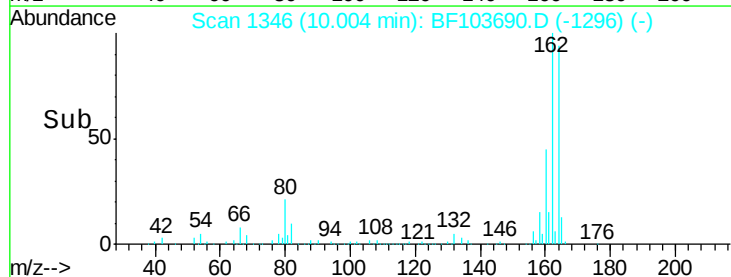
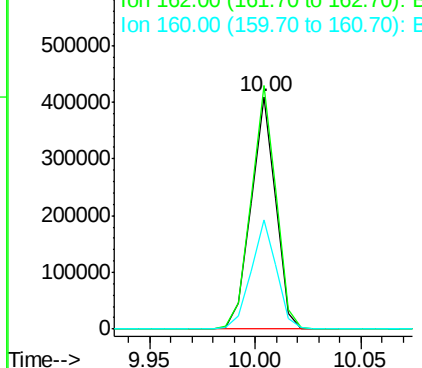
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
162	104.8		86.1	129.1	
160	47.1		38.3	57.5	

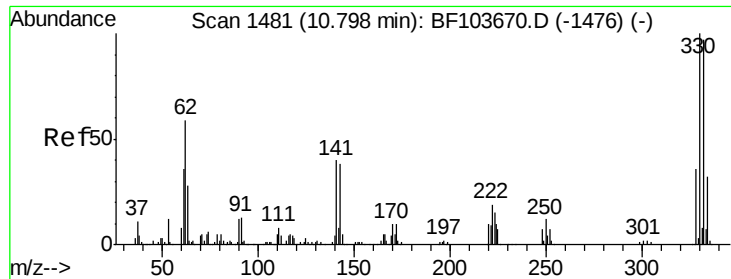


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





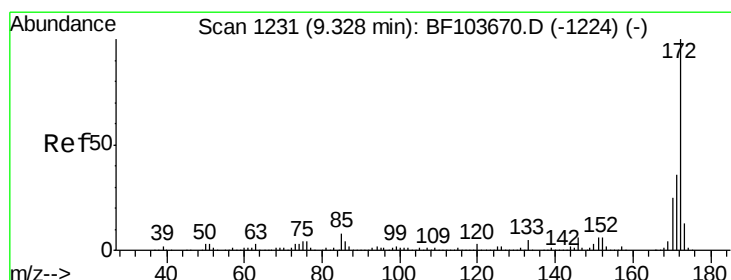
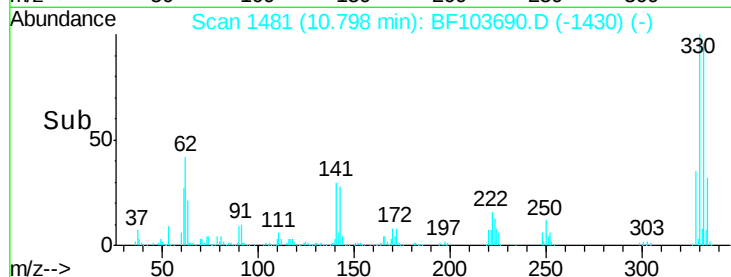
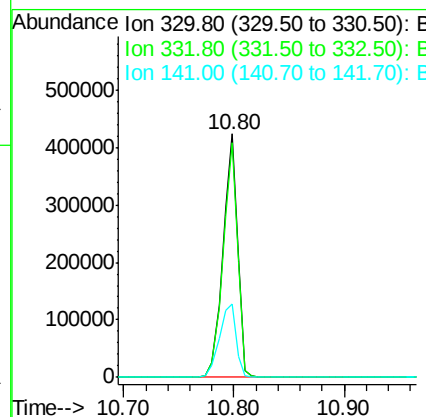
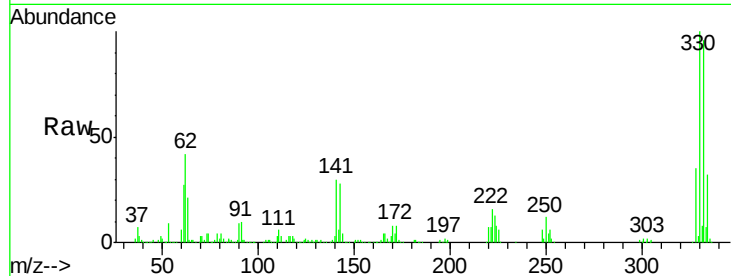
#41
 2,4,6-Tribromophenol
 Concen: 136.506 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103690.D
 Acq: 16 Mar 2018 12:24

Instrument :
 BNA_F
 ClientSampled :
 CPS113071

Tot Ion	Ratio	Resp	Lower	Upper
330	100	389927		
332	96.1	77.0	115.6	
141	34.9	29.9	44.9	

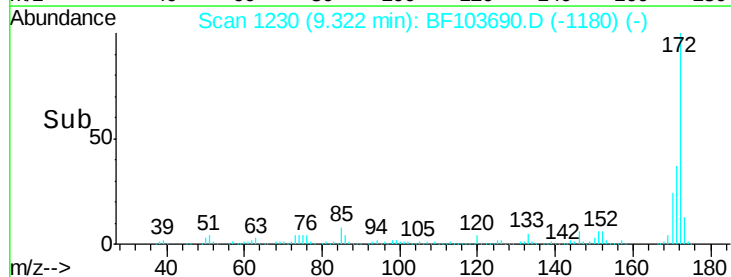
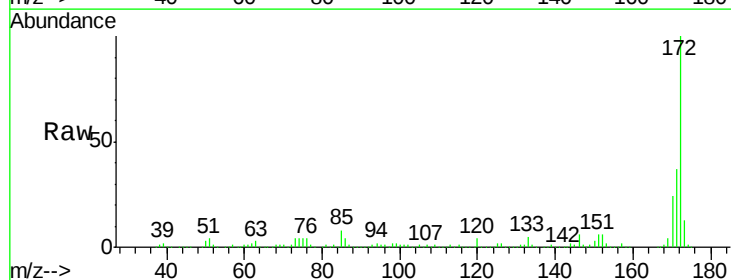
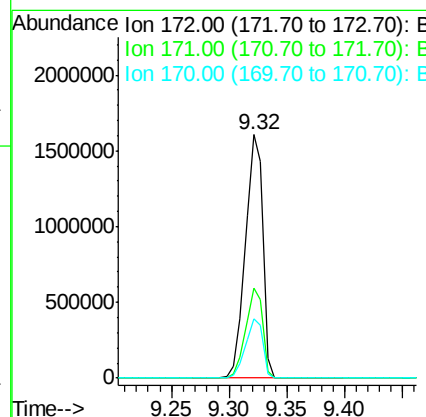
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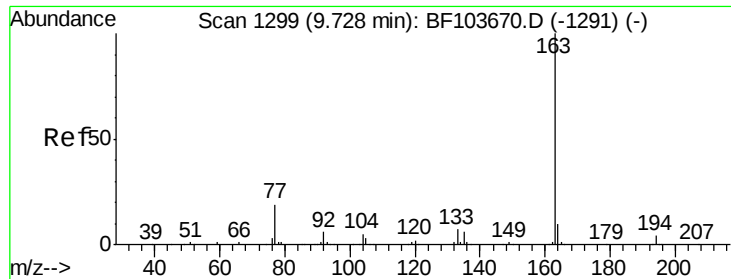
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#44
 2-Fluorobiphenyl
 Concen: 80.185 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103690.D
 Acq: 16 Mar 2018 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1670009		
171	36.7	29.7	44.5	
170	24.2	19.6	29.4	





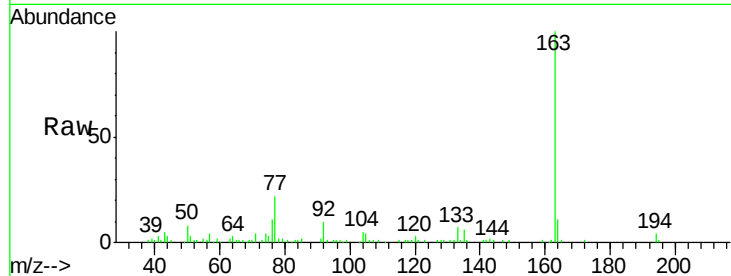
#49
Dimethylphthalate
Concen: 2.090 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Instrument :
BNA_F
ClientSampleId :
CPS113071

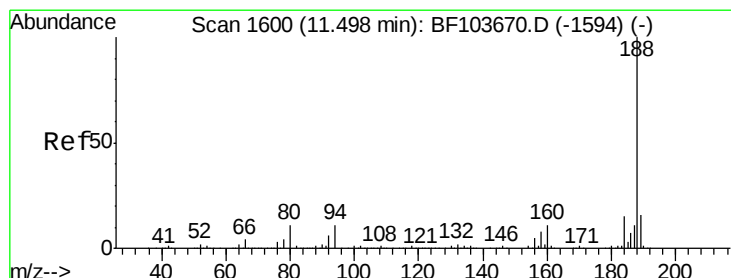
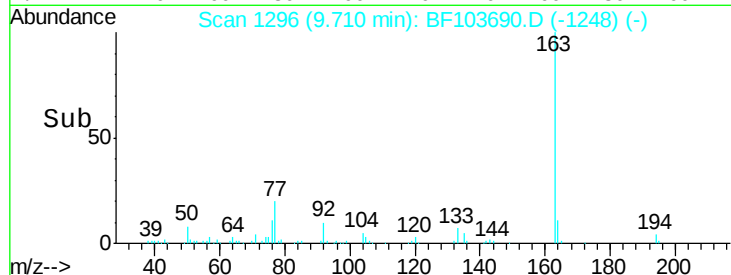
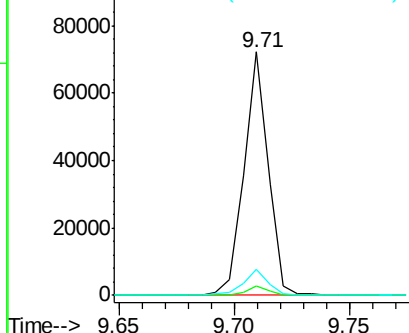
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.7	8.2	12.2

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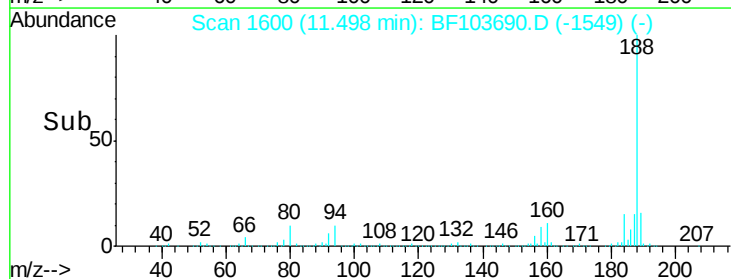
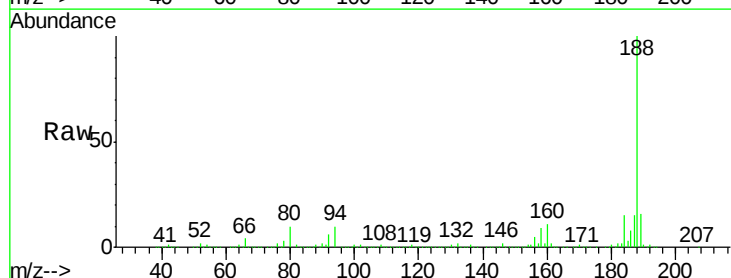
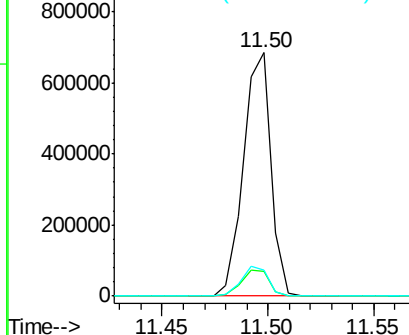
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

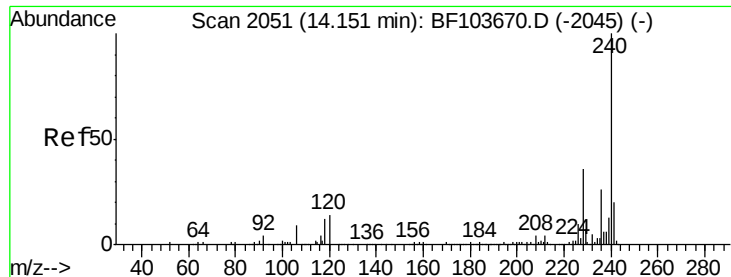


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF103690.D
Acq: 16 Mar 2018 12:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.5	9.2	13.8

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF103690.D

Acq: 16 Mar 2018 12:24

Instrument :

BNA_F

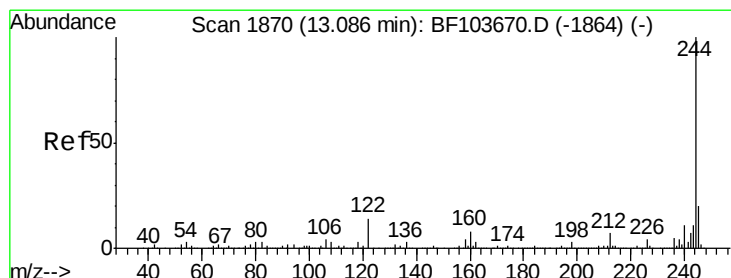
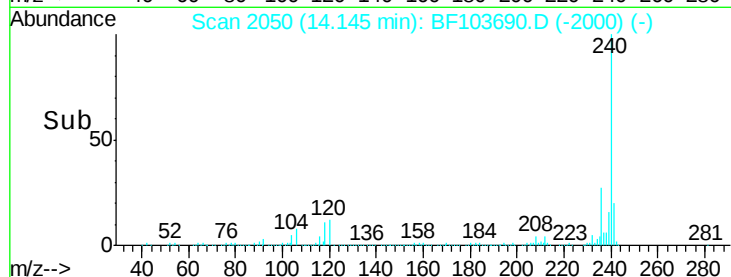
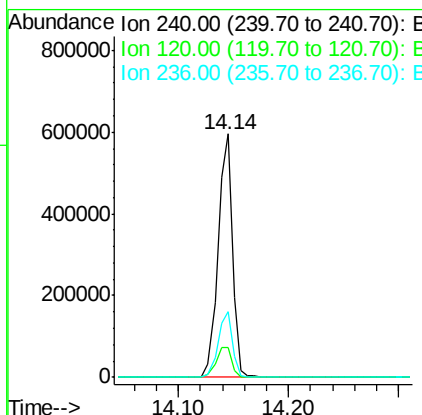
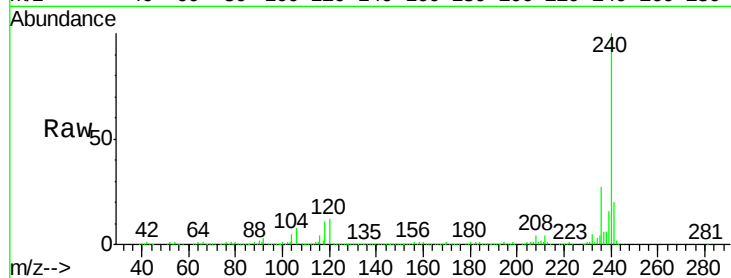
ClientSampleId :

CPS113071

Tot Ion:	240	Resp:	540611
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.5	14.3
236	27.0	20.7	31.1

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#78

Terphenyl-d14

Concen: 72.208 ng

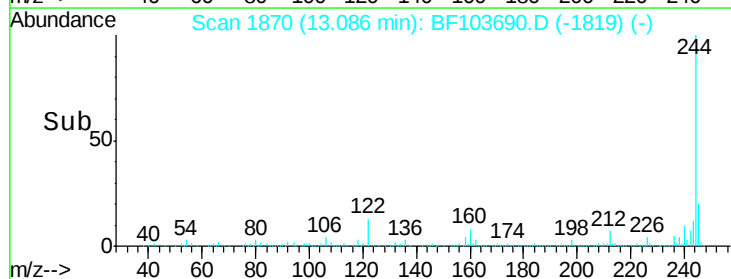
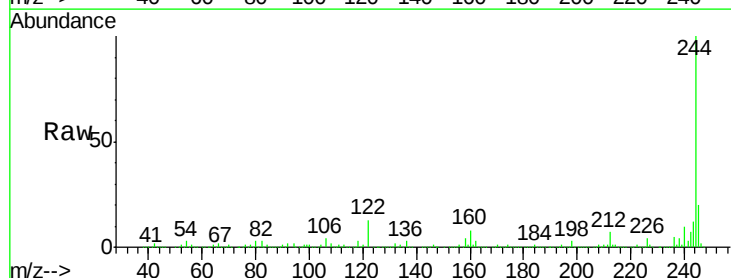
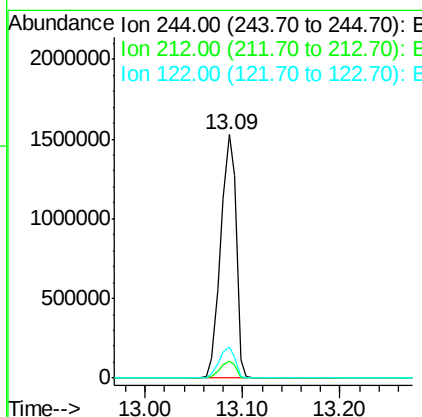
RT: 13.09 min Scan# 1870

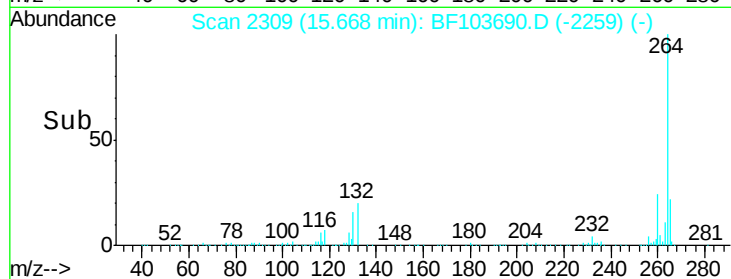
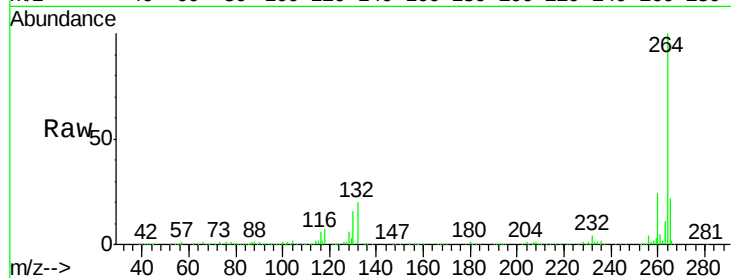
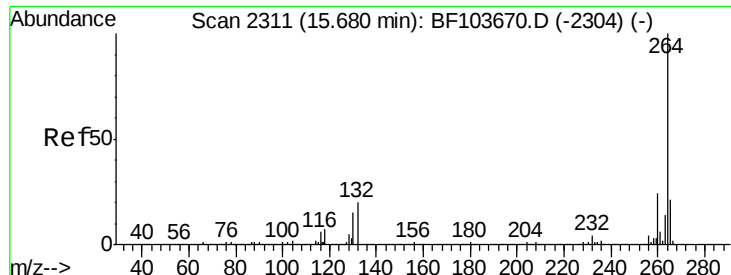
Delta R.T. -0.00 min

Lab File: BF103690.D

Acq: 16 Mar 2018 12:24

Tgt Ion:	244	Resp:	1681764
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	12.7	11.0	16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF103690.D
 Acq: 16 Mar 2018 12:24

Tot Ion:	264	Resp:	419248
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	21.8	17.5	26.3

Instrument :
 BNA_F
 ClientSampleId :
 CPS113071

Manual Integrations
 APPROVED

Sohil
 3/19/2018 2:00:43 PM

