

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086910.D
 Acq On : 12 May 2016 1:56
 Operator : UM/SJ
 Sample : H2897-02RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFFWWRE

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Quant Time: May 12 06:39:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 01:06:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	125218	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	475349	20.00	ng	0.01
38) Acenaphthene-d10	9.67	164	195240	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	300488	20.00	ng	0.00
75) Chrysene-d12	13.77	240	284092	20.00	ng	-0.01
86) Perylene-d12	15.15	264	233808	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	261879	35.42	ng	0.03
7) Phenol-d6	6.48	99	31980	3.24	ng	0.17
23) Nitrobenzene-d5	7.23	82	821029	86.73	ng	0.01
41) 2,4,6-Tribromophenol	10.46	330	121883	58.97	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1191680	102.58	ng	0.00
78) Terphenyl-d14	12.73	244	773734	57.79	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.80	122	55133m	12.87	ng	
83) Bis(2-ethylhexyl)phthalate	13.77	149	37770	3.41	ng	# 98

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

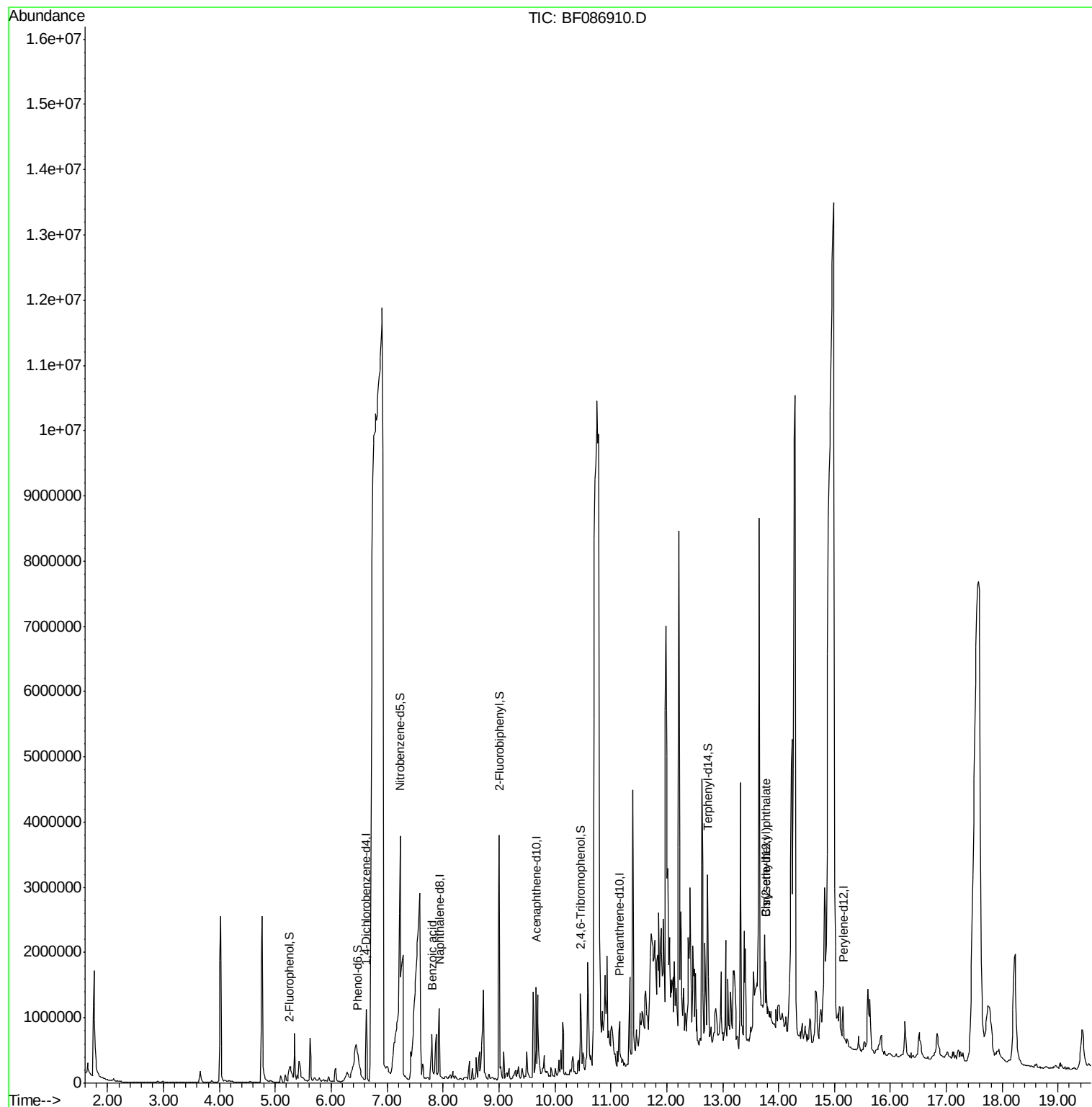
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086910.D
Acq On : 12 May 2016 1:56
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Misc :
ALS Vial : 21 Sample Multiplier: 1

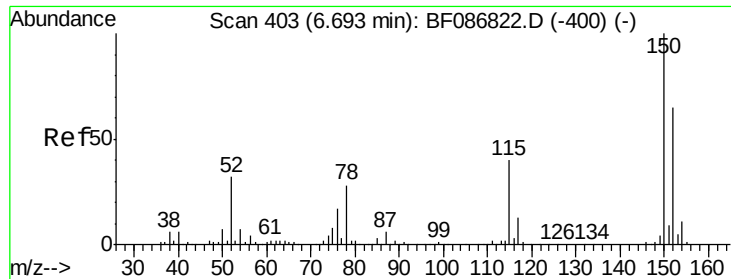
Instrument :
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Quant Time: May 12 06:39:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 01:06:48 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF086910.D

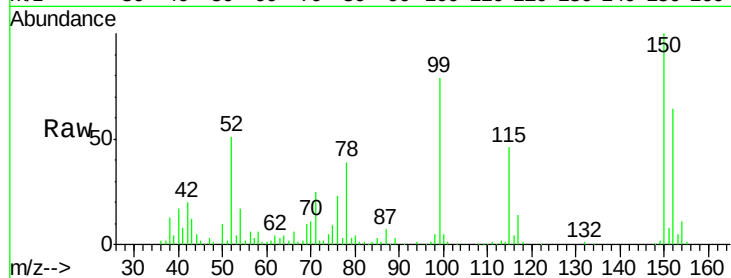
Acq: 12 May 2016 1:56

Instrument :

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ClientSampleId :

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Tgt Ion:152 Resp: 125218

Ion Ratio Lower Upper

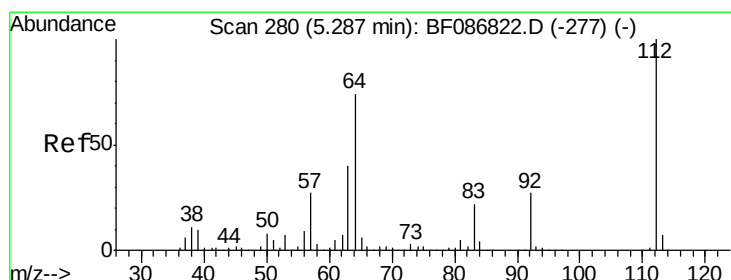
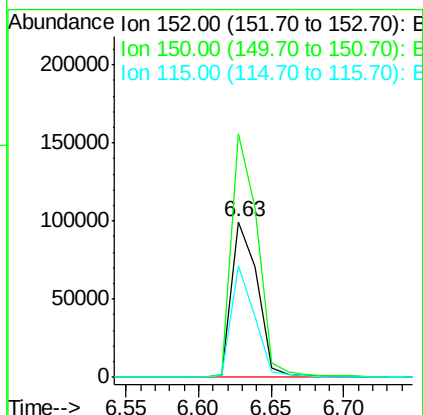
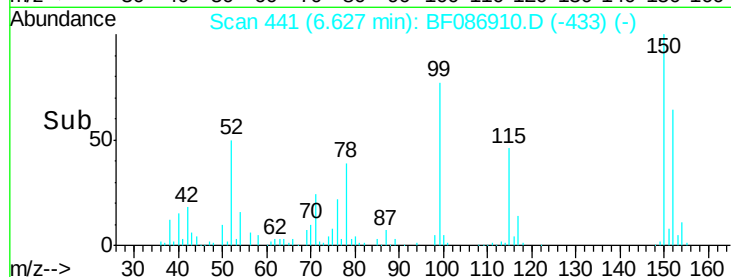
152 100

150 156.3 125.8 188.6

115 72.0 51.5 77.3

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#5

2-Fluorophenol

Concen: 35.42 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.03 min

Lab File: BF086910.D

Acq: 12 May 2016 1:56

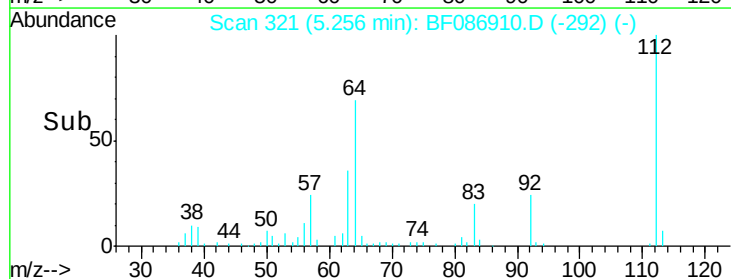
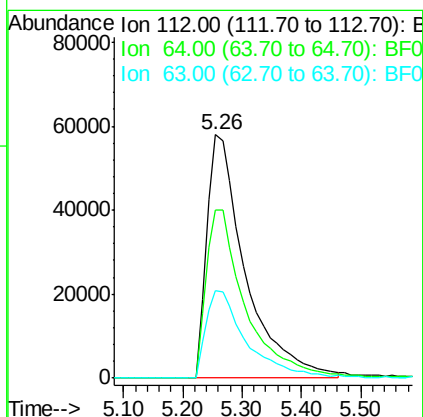
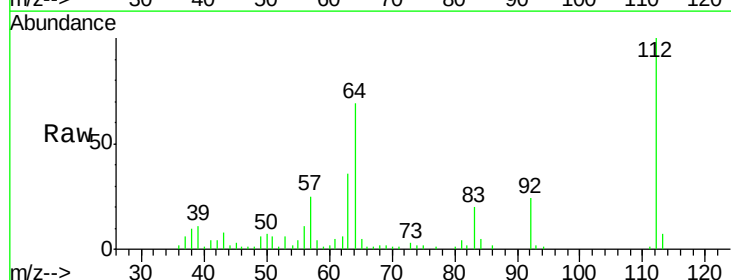
Tgt Ion:112 Resp: 261879

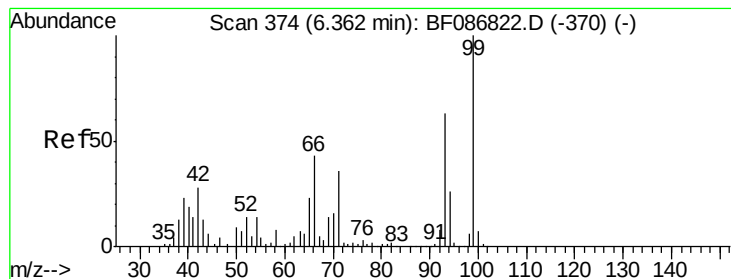
Ion Ratio Lower Upper

112 100

64 69.3 52.1 78.1

63 36.1 25.7 38.5





#7

Phenol-d6

Concen: 3.24 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.17 min

Lab File: BF086910.D

Acq: 12 May 2016 1:56

Instrument :

BNA_F

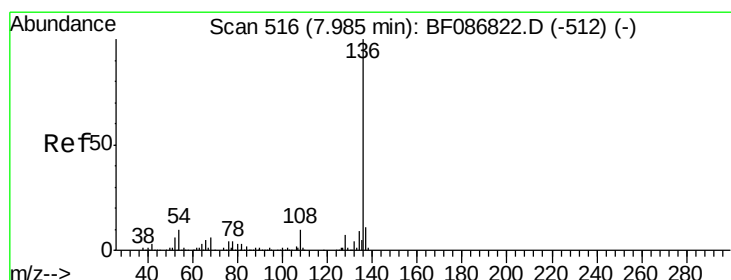
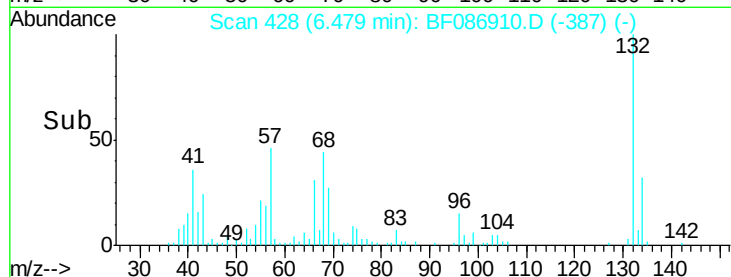
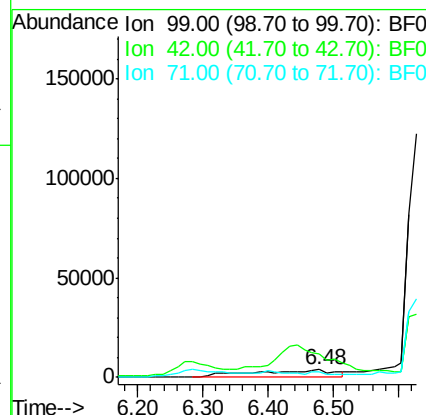
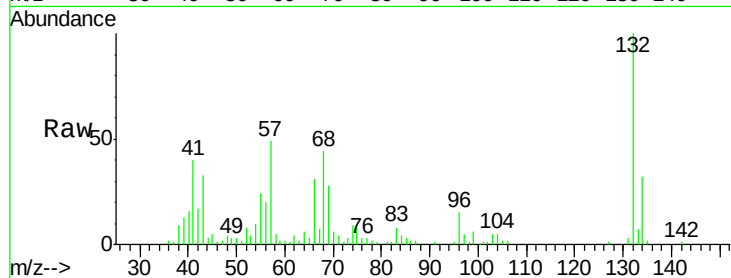
ClientSampleId :

EFFWWRE

Tgt Ion:	99	Resp:	31980
Ion Ratio	Lower	Upper	
99	100		
42	302.2	13.6	20.4#
71	69.9	24.6	36.8#

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#21

Naphthalene-d8

Concen: 20.00 ng

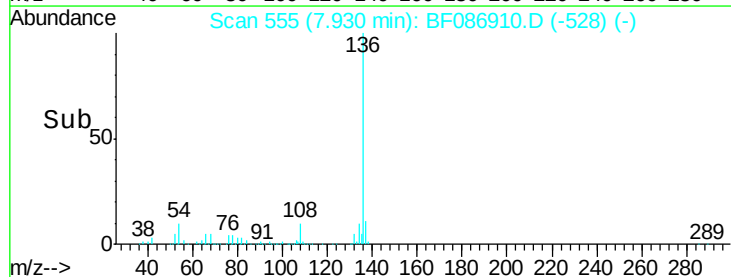
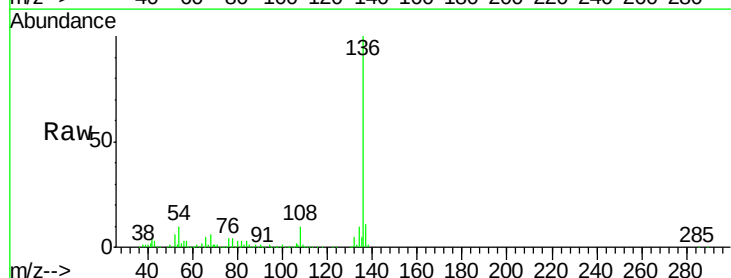
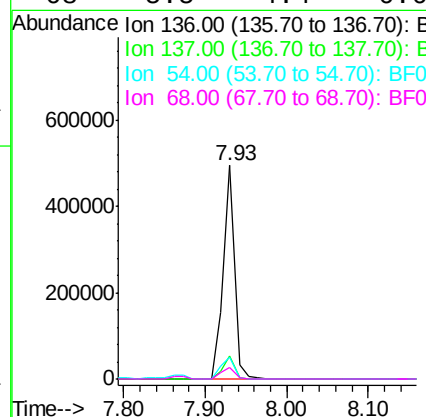
RT: 7.93 min Scan# 555

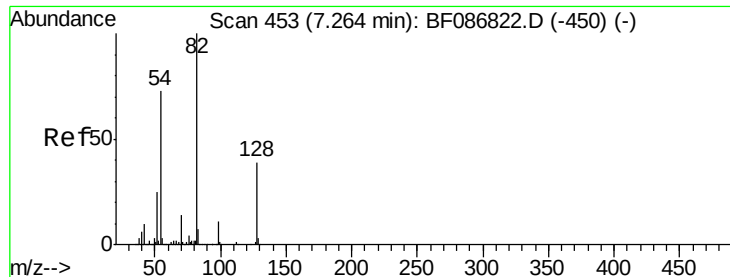
Delta R.T. 0.01 min

Lab File: BF086910.D

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Tgt Ion:	136	Resp:	475349
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	10.0	5.0	7.4#
68	5.5	4.4	6.6





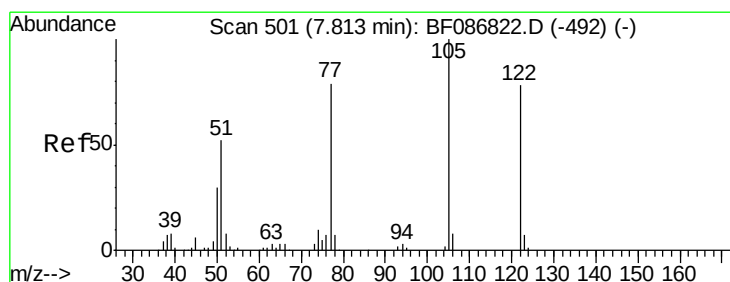
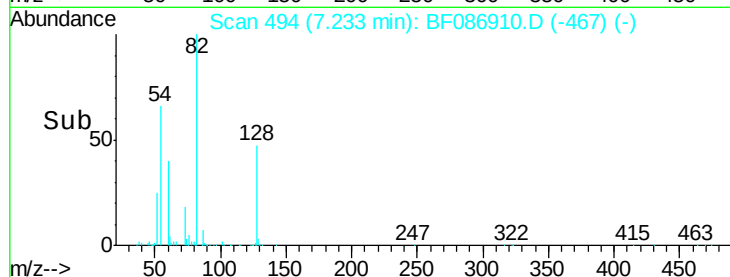
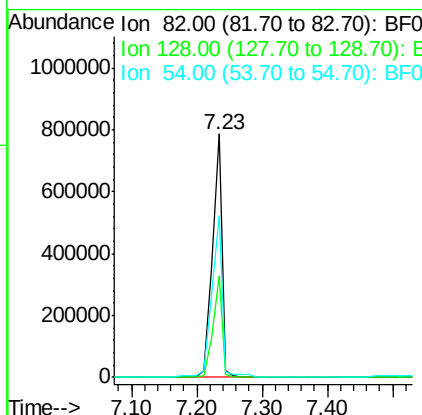
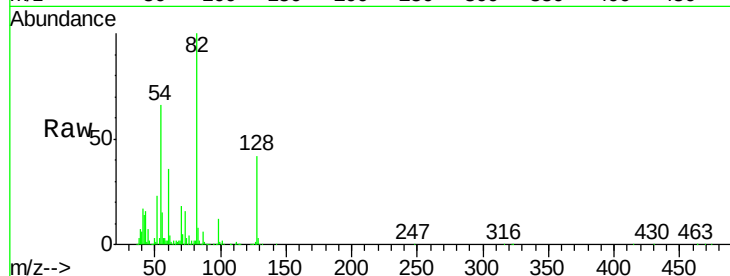
#23
 Nitrobenzene-d5
 Concen: 86.73 ng
 RT: 7.23 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: BF086910.D
 Acq: 12 May 2016 1:56

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	821029		
128	41.9	40.6	61.0	
54	66.2	38.1	57.1	

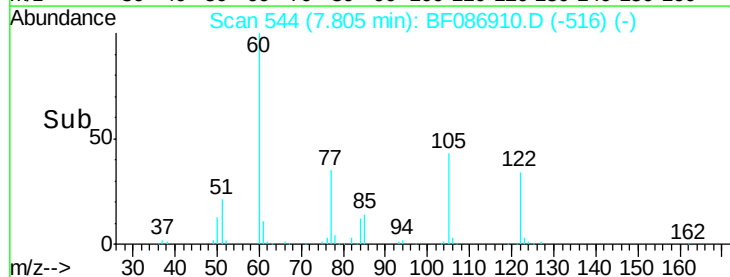
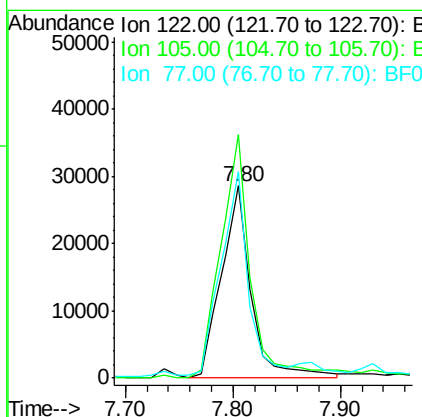
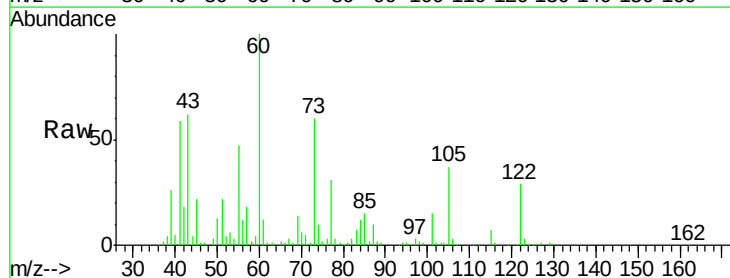
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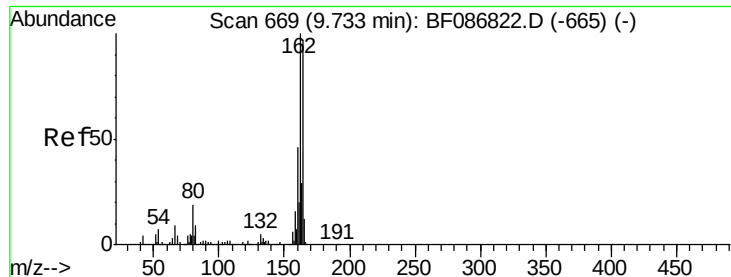
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#32
 Benzoic acid
 Concen: 12.87 ng m
 RT: 7.80 min Scan# 544
 Delta R.T. 0.02 min
 Lab File: BF086910.D
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Tgt Ion	Ratio	Resp	Lower	Upper
122	100	55133		
105	126.7	92.6	132.6	
77	107.2	60.0	100.0	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF086910.D

Acq: 12 May 2016 1:56

Instrument :

BNA_F

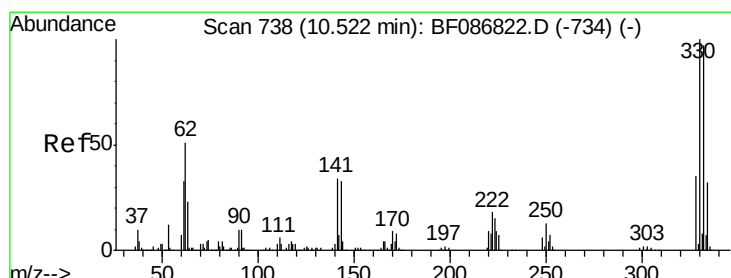
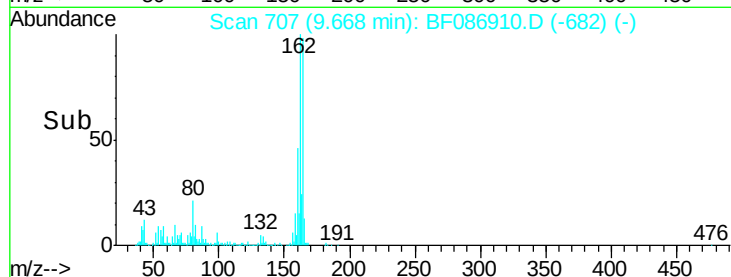
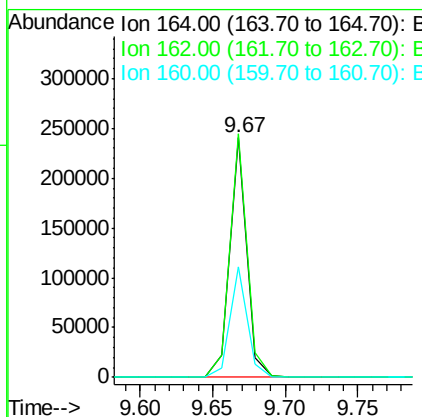
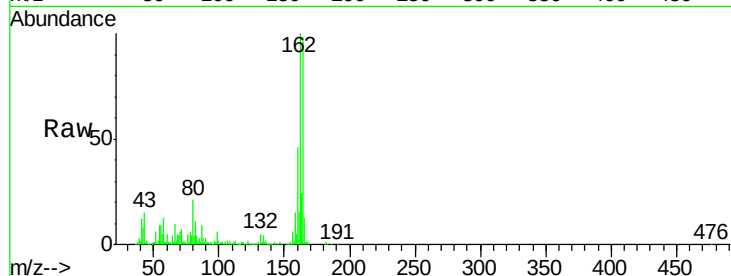
ClientSampleId :

EFFWWRE

Tgt Ion:	164	Resp:	195240
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.8	124.2
160	46.3	36.9	55.3

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#41

2,4,6-Tribromophenol

Concen: 58.97 ng

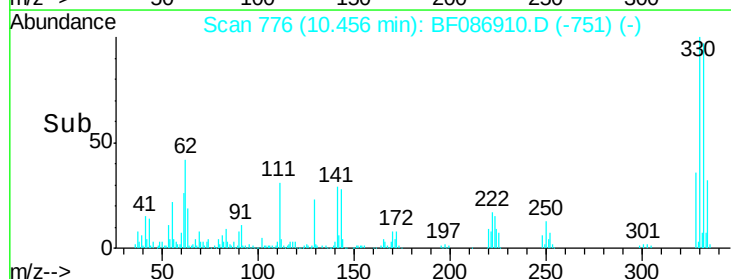
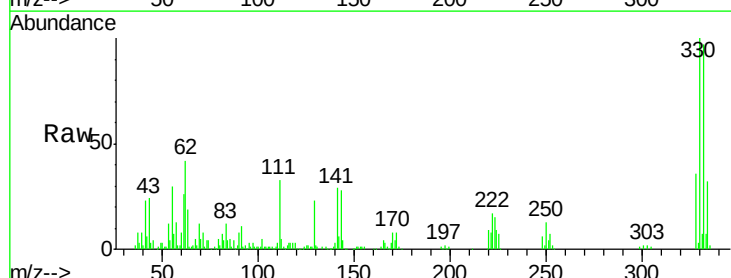
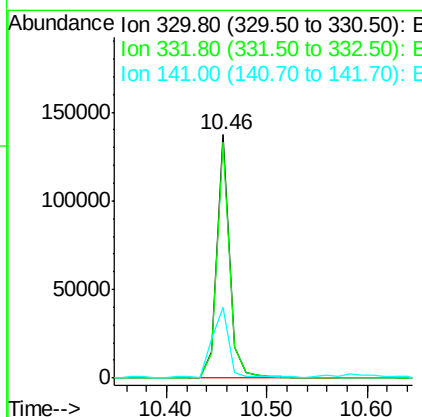
RT: 10.46 min Scan# 776

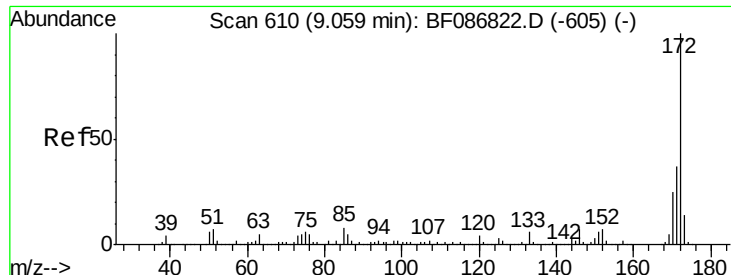
Delta R.T. -0.01 min

Lab File: BF086910.D

Acq: 12 May 2016 1:56

Tgt Ion:	330	Resp:	121883
Ion Ratio	Lower	Upper	
330	100		
332	96.9	79.0	118.4
141	39.3	31.2	46.8





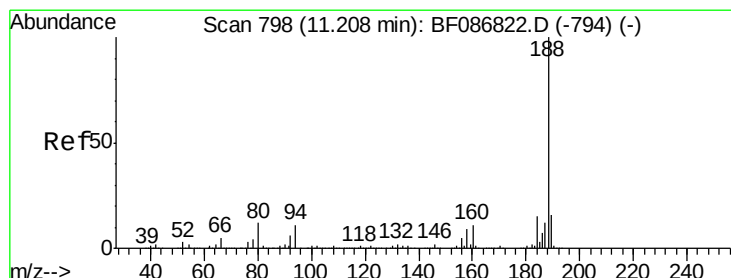
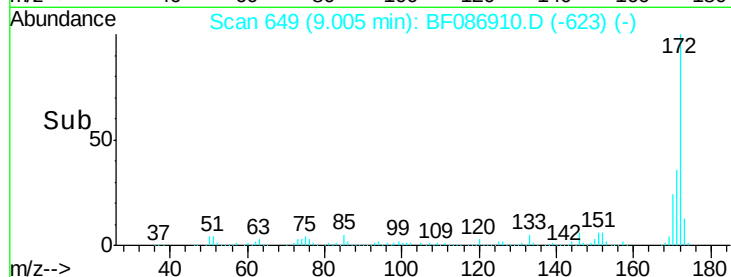
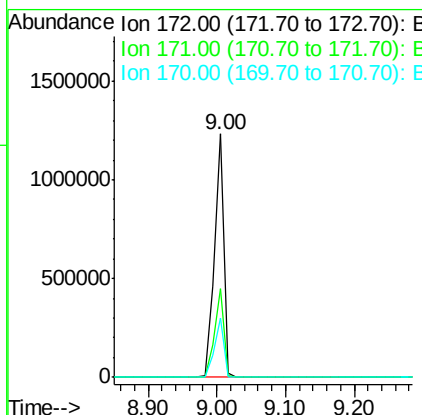
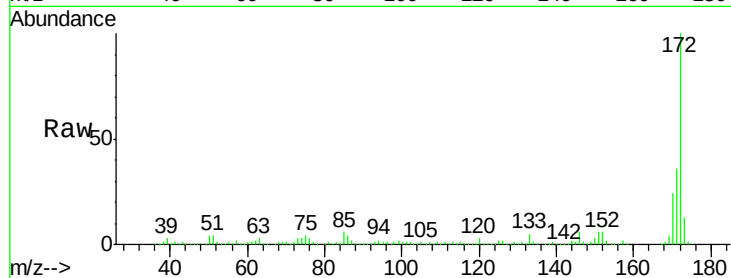
#44
 2-Fluorobiphenyl
 Concen: 102.58 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF086910.D
 Acq: 12 May 2016 1:56

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.5	19.8	29.8

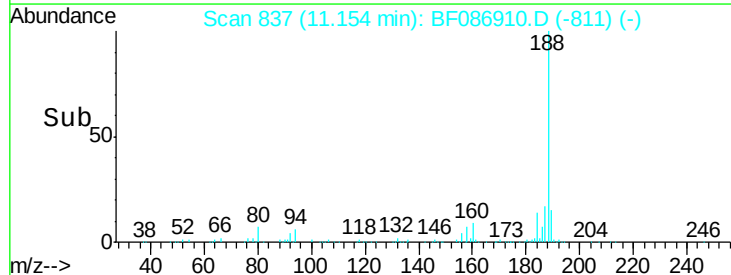
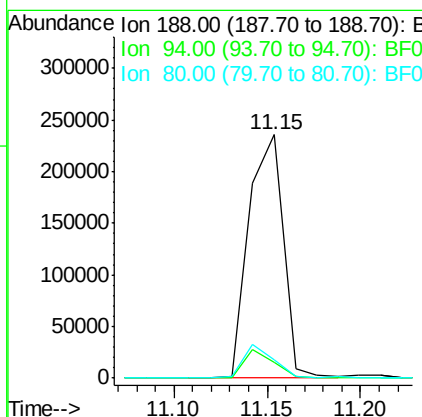
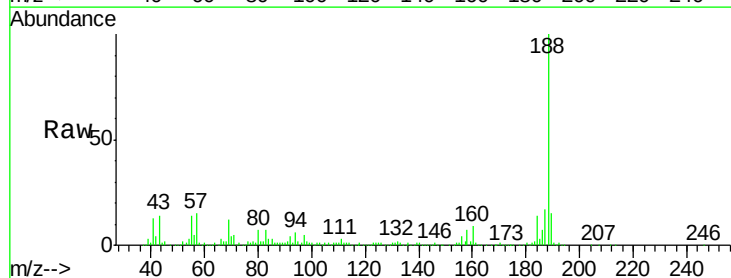
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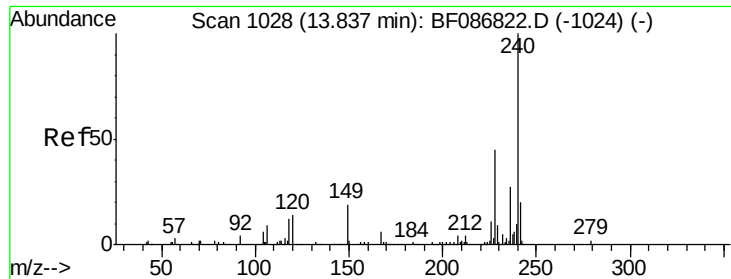
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF086910.D
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Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.8	10.2#
80	7.4	7.1	10.7





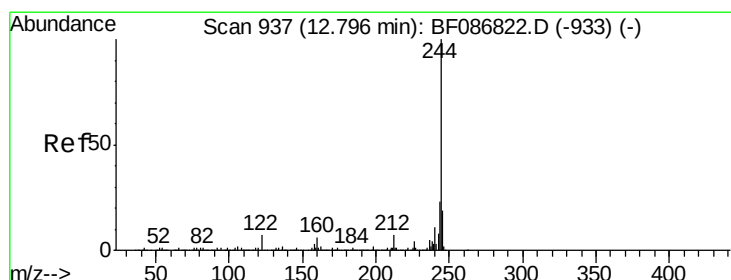
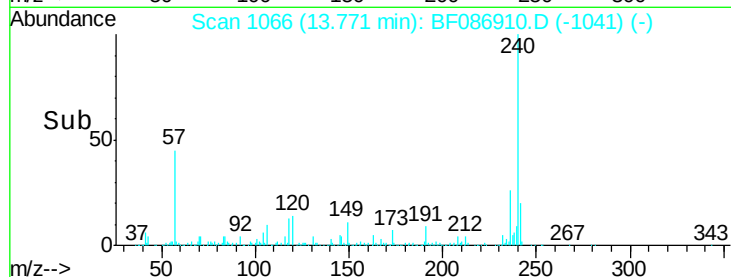
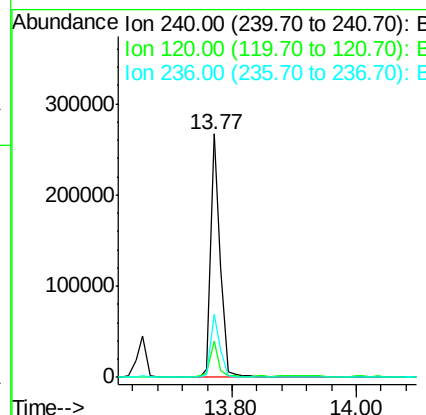
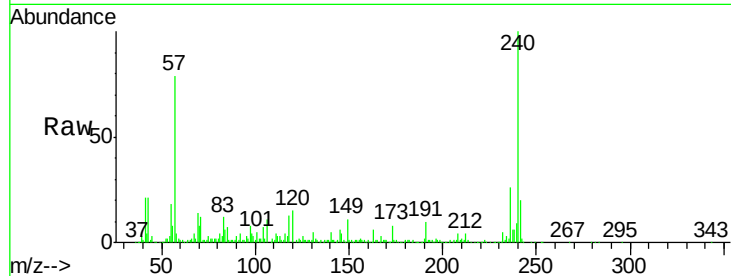
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF086910.D
Acq: 12 May 2016 1:56

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
240	100	284092		
120	14.7	11.2	16.8	
236	26.1	21.2	31.8	

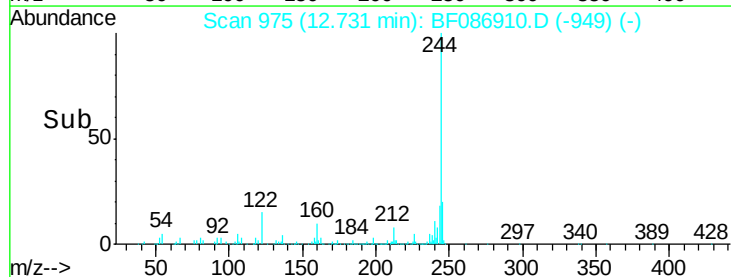
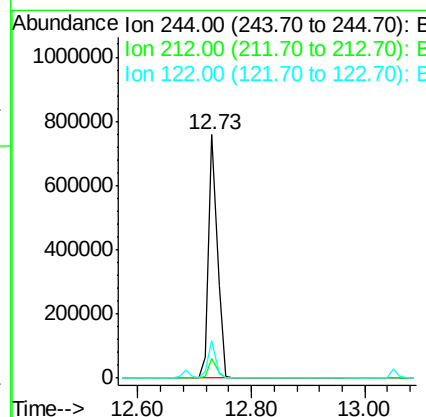
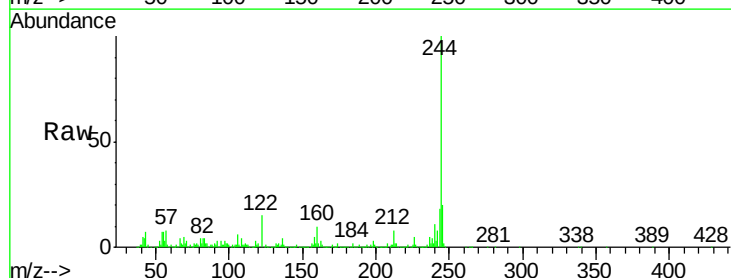
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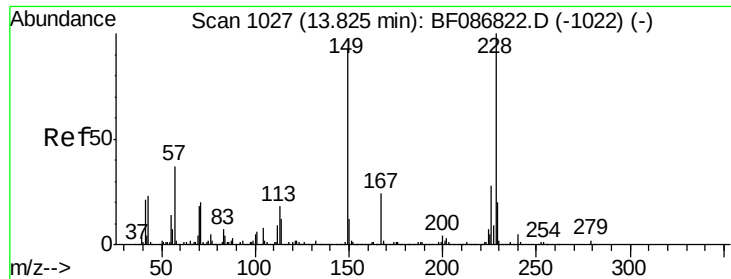
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#78
Terphenyl-d14
Concen: 57.79 ng
RT: 12.73 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF086910.D
Acq: 12 May 2016 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	773734		
212	8.1	6.2	9.2	
122	15.2	12.0	18.0	





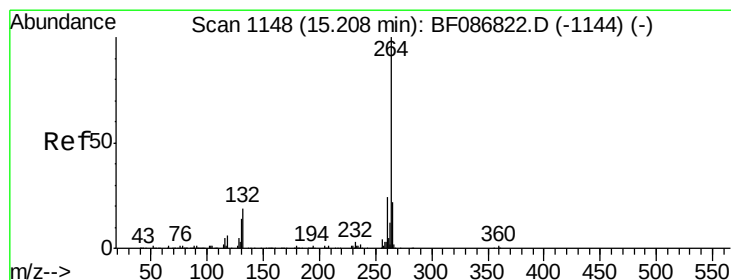
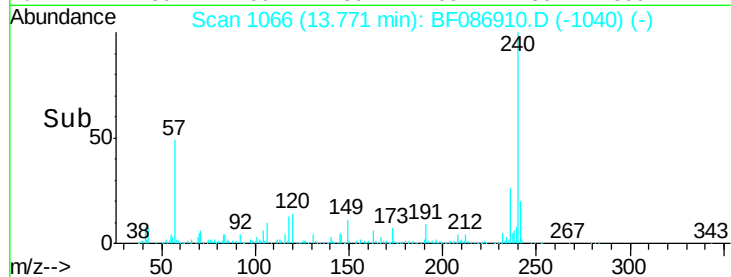
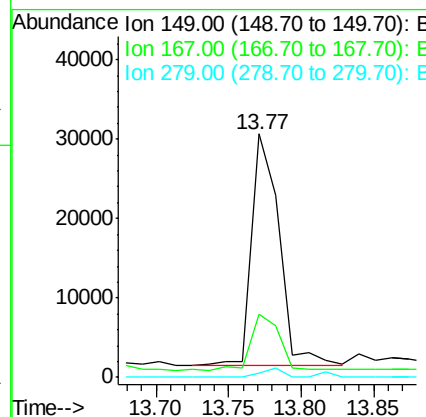
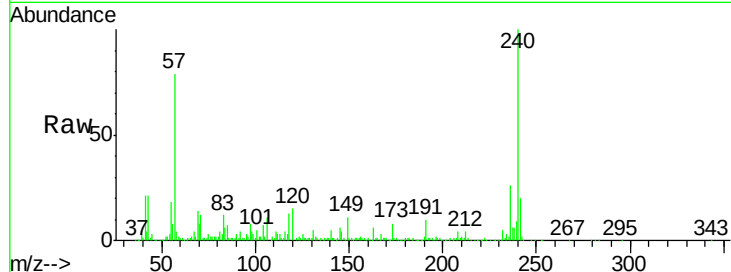
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.41 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF086910.D
 Acq: 12 May 2016 1:56

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.0	21.8	32.6
279	1.9	2.6	4.0

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1187
 Delta R.T. 0.02 min
 Lab File: BF086910.D
 Acq: 12 May 2016 1:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.5	19.5	29.3
265	22.0	17.3	25.9

