

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101016\
 Data File : BF090486.D
 Acq On : 10 Oct 2016 18:19
 Operator : UM/SJ
 Sample : H5148-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-01-C

Manual Integrations
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Quant Time: Oct 11 13:21:46 2016
 Quant Method : \\Terastorage\svoasrv\HPCHEM1\BNA F\Methods\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	215410	20.00	ng	-0.03
21) Naphthalene-d8	8.25	136	848514	20.00	ng	-0.05
38) Acenaphthene-d10	10.01	164	483561	20.00	ng	-0.05
63) Phenanthrene-d10	11.49	188	768379	20.00	ng	-0.06
75) Chrysene-d12	14.14	240	751167	20.00	ng	-0.06
86) Perylene-d12	15.62	264	566206	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1319254	91.40	ng	-0.02
7) Phenol-d6	6.60	99	1940693	102.66	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1340899	76.87	ng	-0.05
41) 2,4,6-Tribromophenol	10.81	330	591921	150.54	ng	-0.05
44) 2-Fluorobiphenyl	9.33	172	2377555	81.92	ng	-0.05
78) Terphenyl-d14	13.09	244	2545081	76.17	ng	-0.05
Target Compounds						
31) Naphthalene	8.27	128	237169	5.79	ng	97
32) Benzoic acid	7.98	122	131118	13.01	ng	93

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

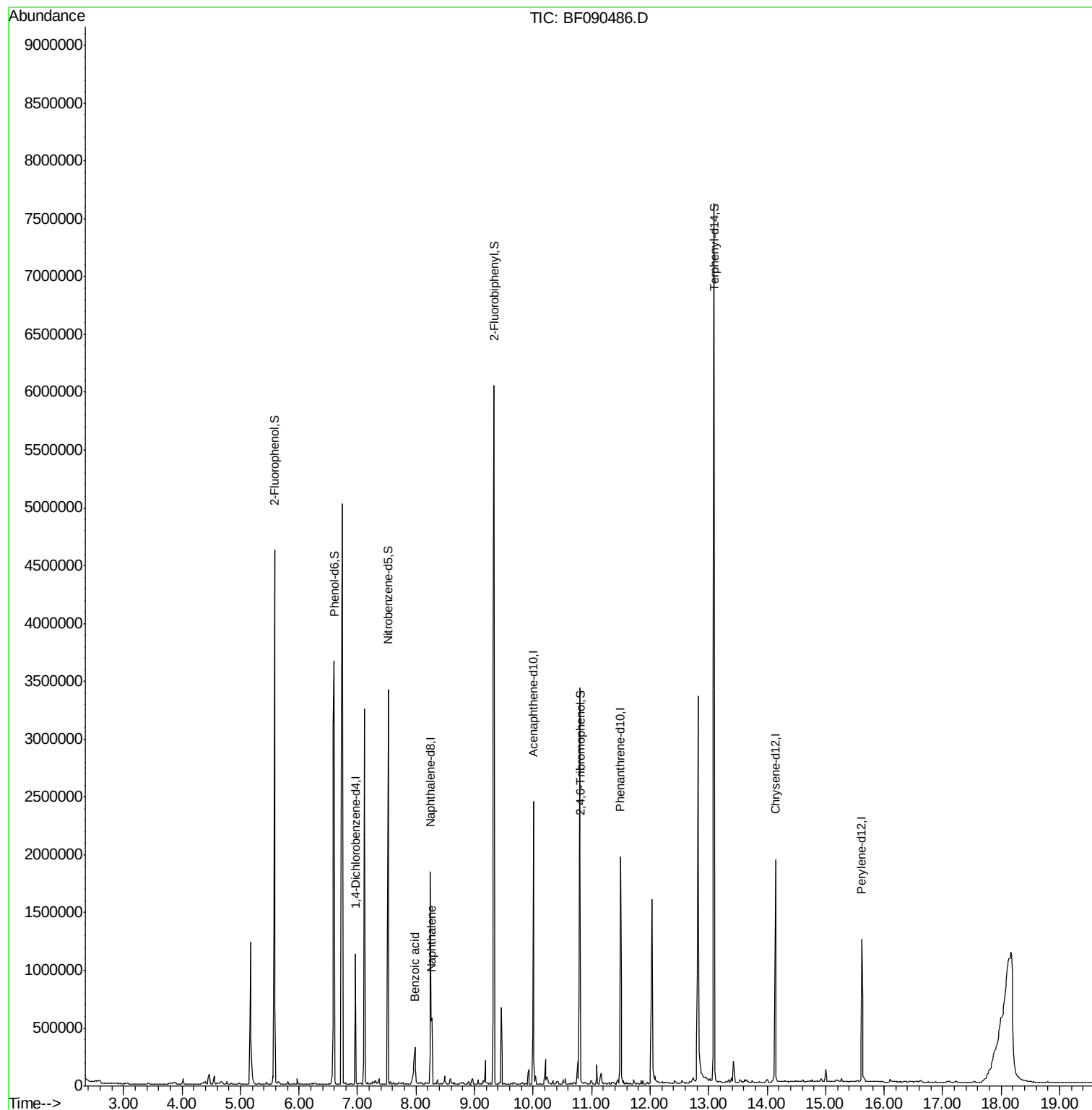
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101016\
Data File : BF090486.D
Acq On : 10 Oct 2016 18:19
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ALS Vial : 4 Sample Multiplier: 1

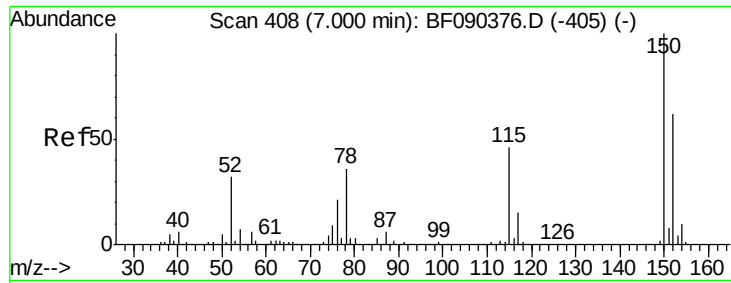
Instrument :
BNA_F
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WC-WH-DRUM-01-C

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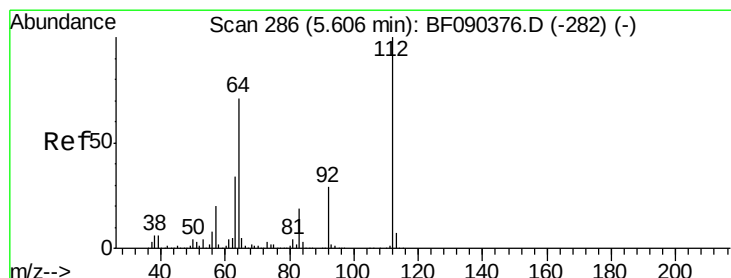
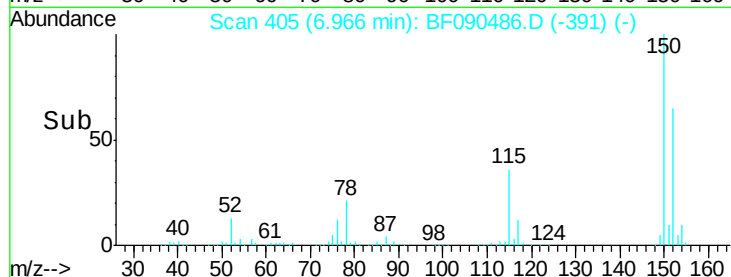
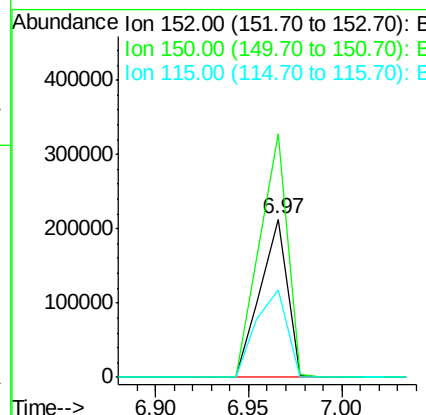
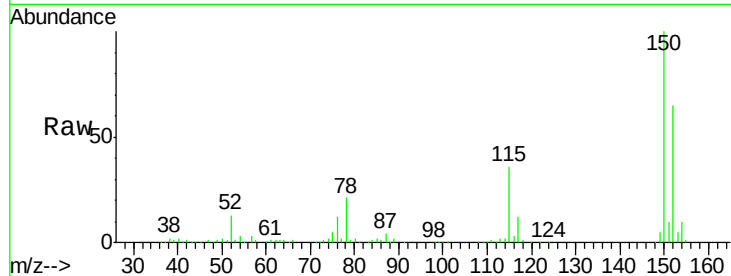
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 405
 Delta R.T. -0.03 min
 Lab File: BF090486.D
 Acq: 10 Oct 2016 18:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-01-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	55.1	46.2	69.4

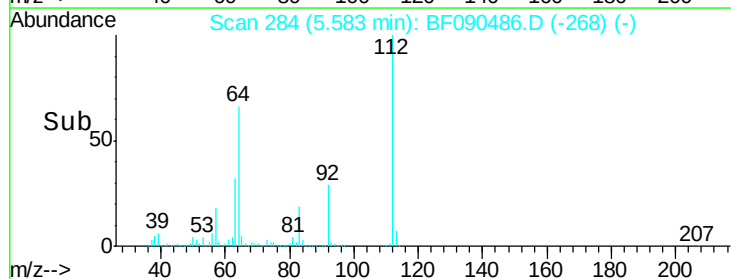
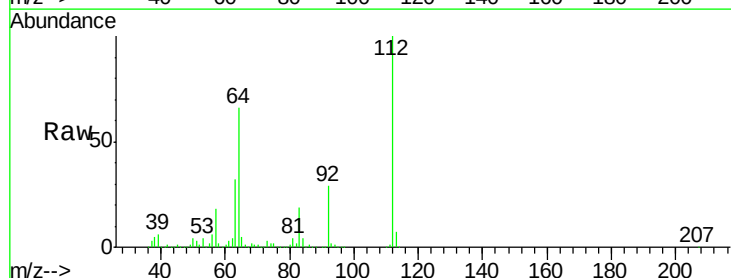
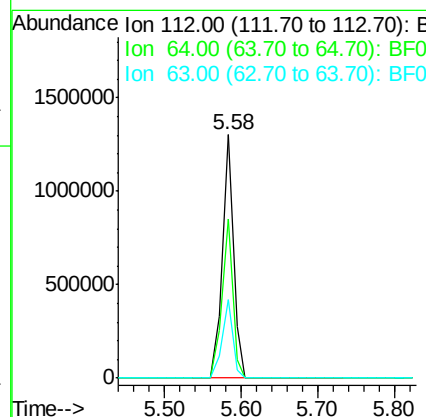
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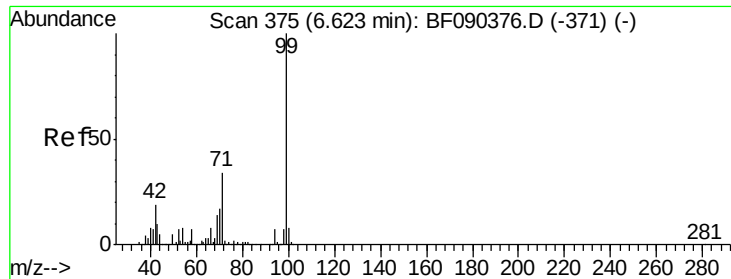
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#5
 2-Fluorophenol
 Concen: 91.40 ng
 RT: 5.58 min Scan# 284
 Delta R.T. -0.02 min
 Lab File: BF090486.D
 Acq: 10 Oct 2016 18:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	57.9	86.9
63	32.0	29.6	44.4





#7

Phenol-d6

Concen: 102.66 ng

RT: 6.60 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-01-C

Tot Ion: 99 Resp: 1940693

Ion Ratio Lower Upper

99 100

42 12.3 20.0 30.0#

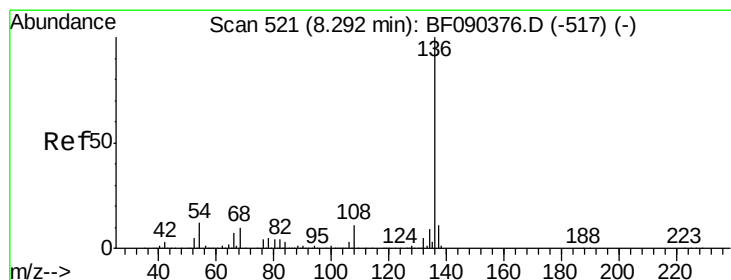
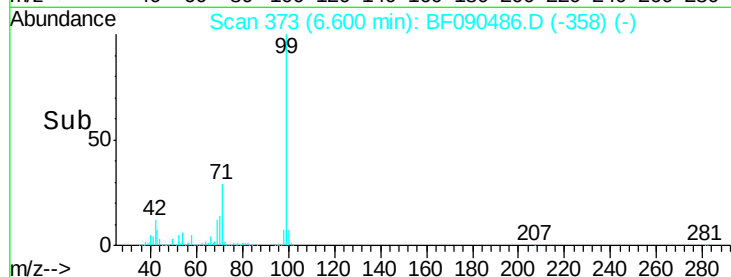
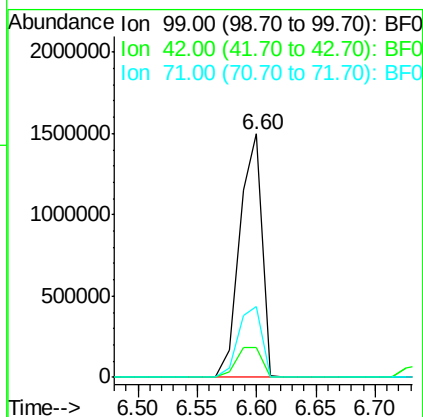
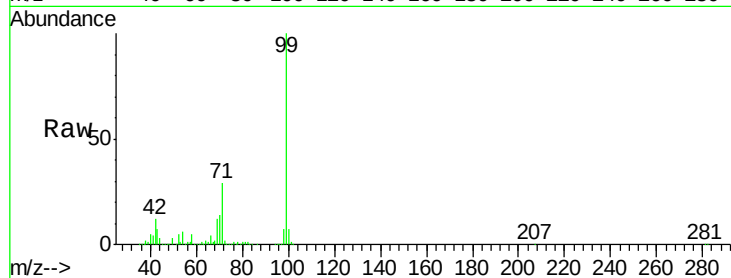
71 28.9 27.9 41.9

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 517

Delta R.T. -0.05 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

Tgt Ion: 136 Resp: 848514

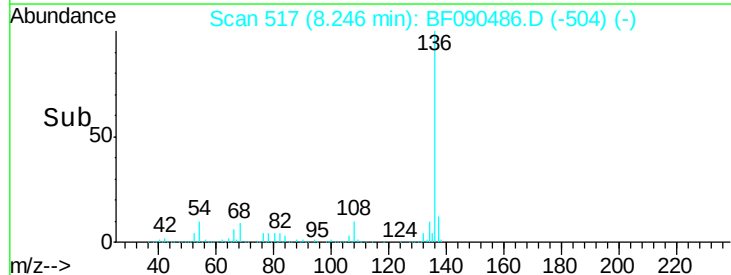
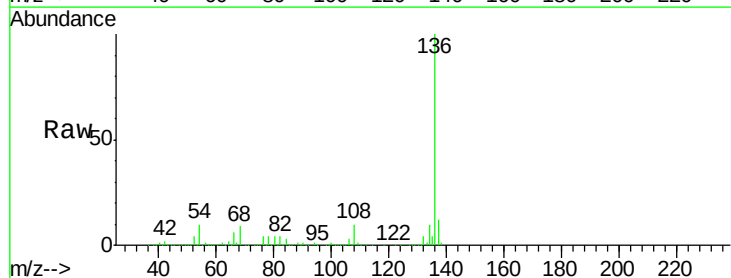
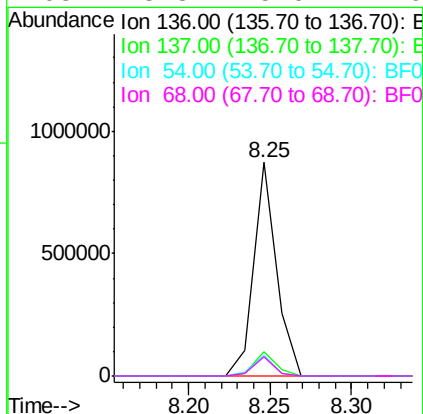
Ion Ratio Lower Upper

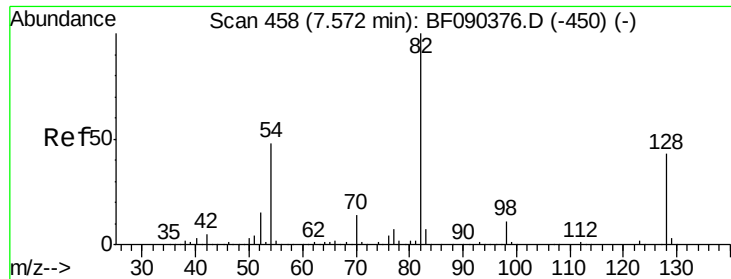
136 100

137 11.5 9.0 13.6

54 9.7 6.6 10.0

68 8.8 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 76.87 ng

RT: 7.53 min Scan# 454

Delta R.T. -0.05 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-01-C

Tot Ion: 82 Resp: 1340899

Ion Ratio Lower Upper

82 100

128 46.7 40.0 60.0

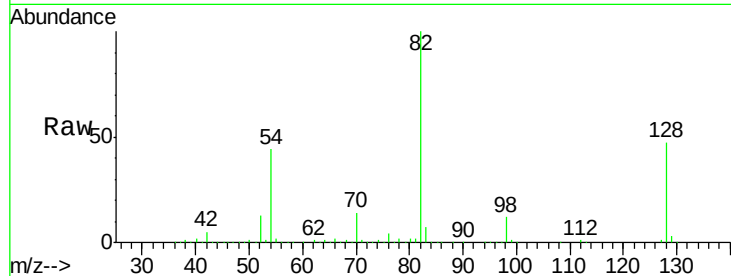
54 44.1 42.6 64.0

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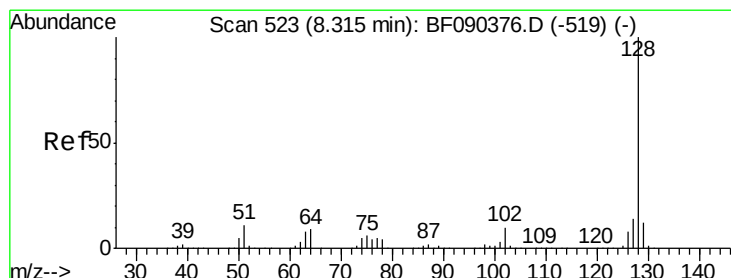
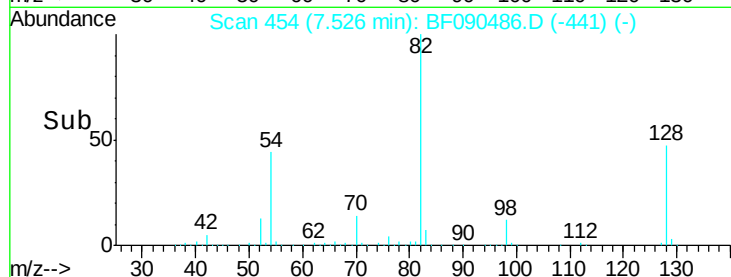
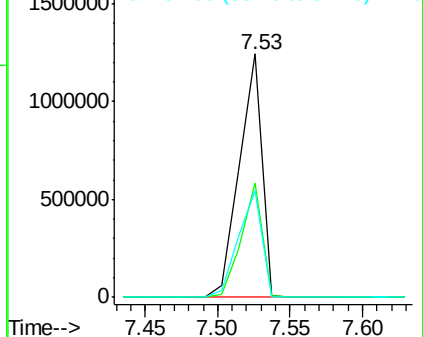
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 5.79 ng

RT: 8.27 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF090486.D

Acq: 10 Oct 2016 18:19

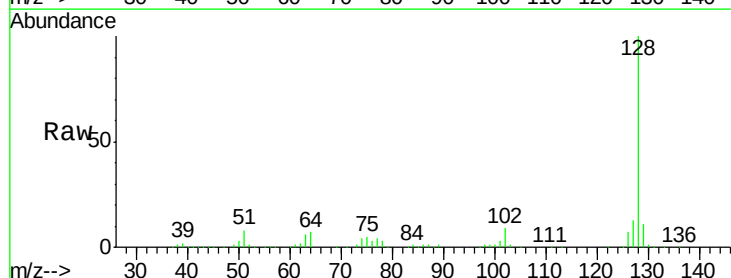
Tgt Ion: 128 Resp: 237169

Ion Ratio Lower Upper

128 100

129 10.9 9.7 14.5

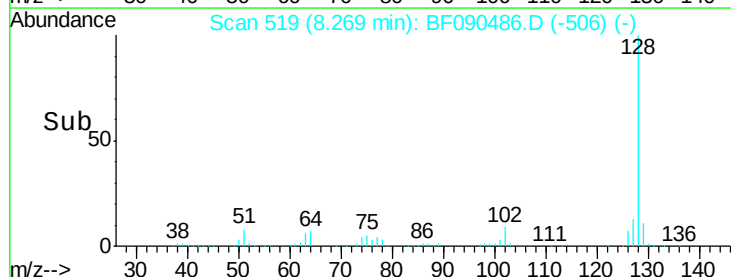
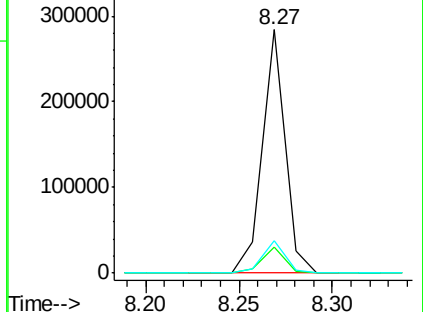
127 13.2 11.7 17.5

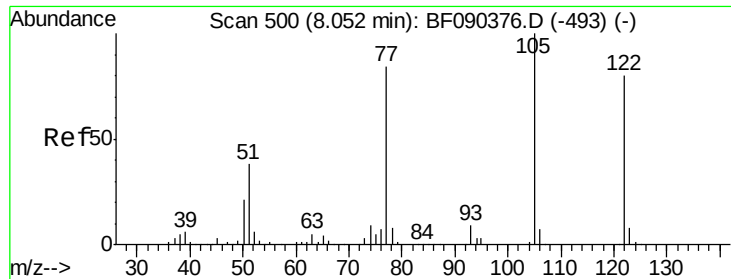


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





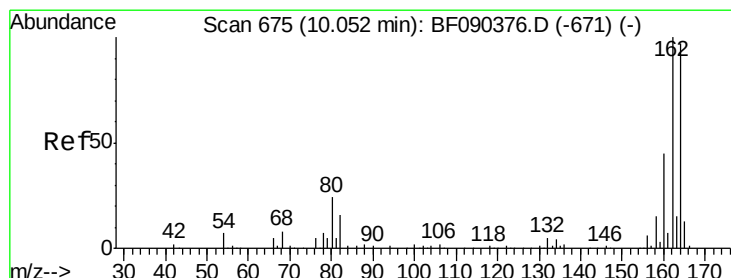
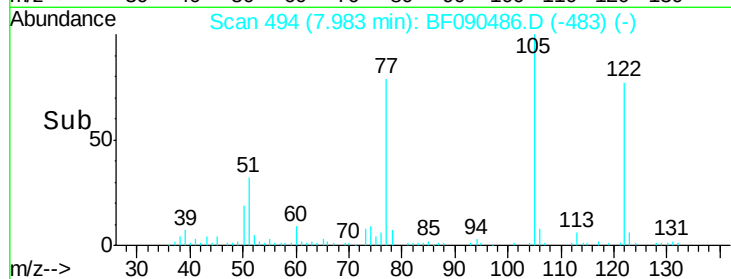
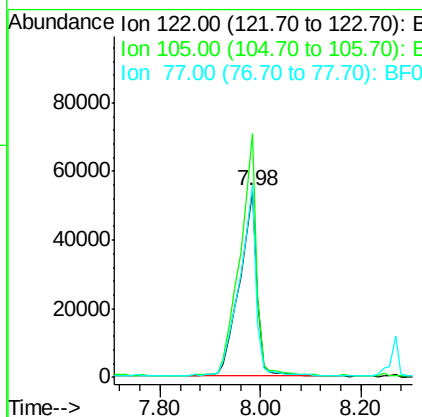
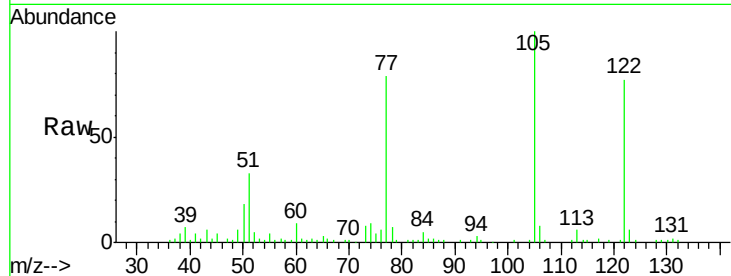
#32
Benzoic acid
Concen: 13.01 ng
RT: 7.98 min Scan# 494
Delta R.T. -0.07 min
Lab File: BF090486.D
Acq: 10 Oct 2016 18:19

Instrument :
BNA_F
ClientSampleId :
WC-WH-DRUM-01-C

Tot Ion:	122	Resp:	131118
Ion Ratio	Lower	Upper	
122	100		
105	130.6	103.9	143.9
77	103.1	74.6	114.6

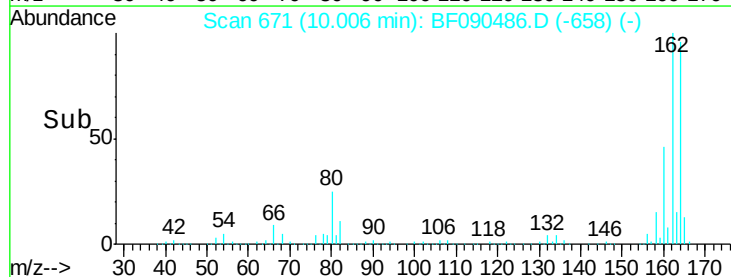
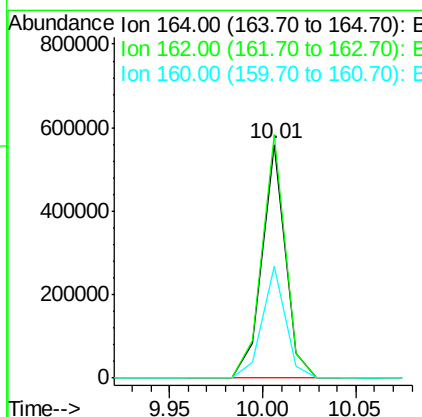
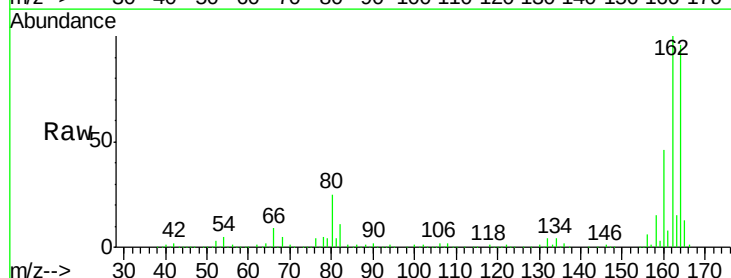
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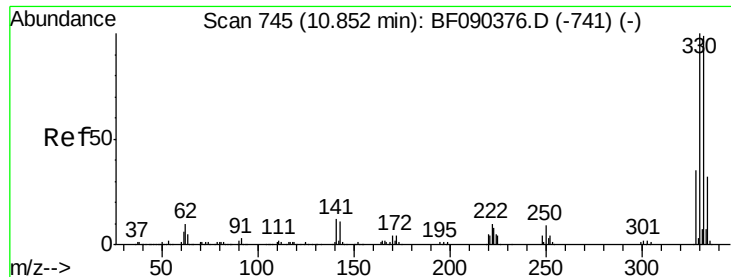
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF090486.D
Acq: 10 Oct 2016 18:19

Tgt Ion:	164	Resp:	483561
Ion Ratio	Lower	Upper	
164	100		
162	104.1	80.1	120.1
160	47.7	36.3	54.5





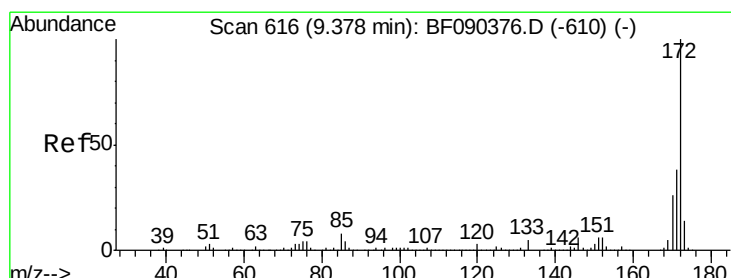
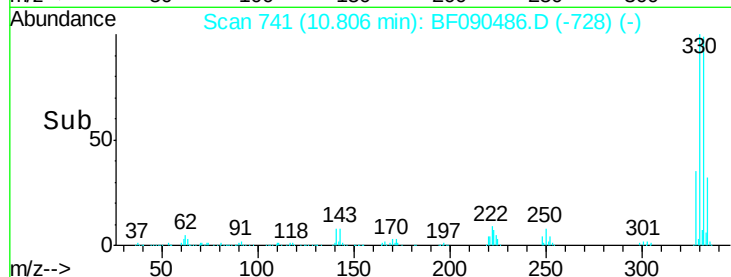
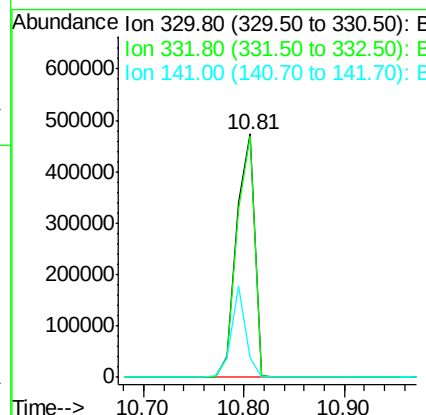
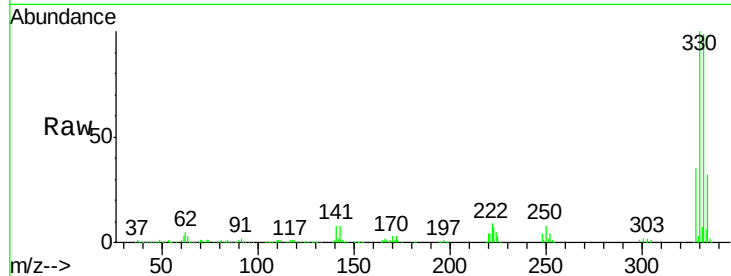
#41
 2,4,6-Tribromophenol
 Concen: 150.54 ng
 RT: 10.81 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF090486.D
 Acq: 10 Oct 2016 18:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-01-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	591921		
332	97.5	75.4	113.0	
141	30.0	26.9	40.3	

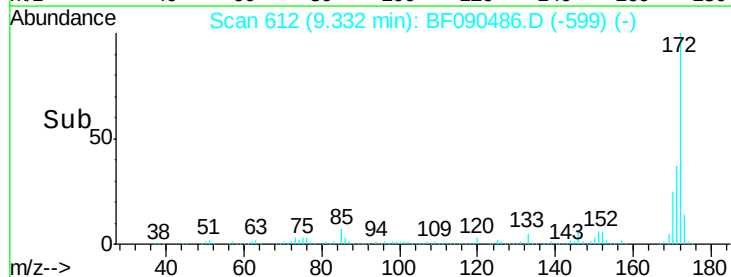
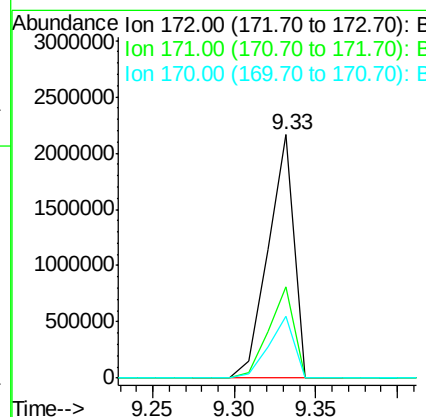
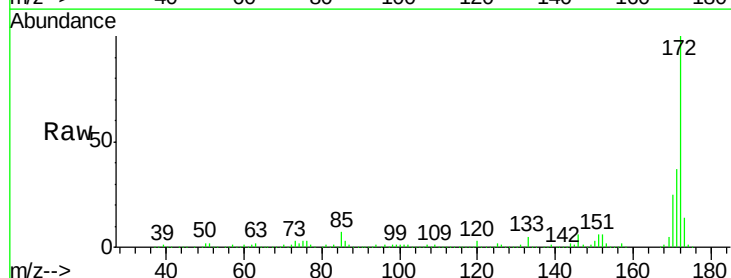
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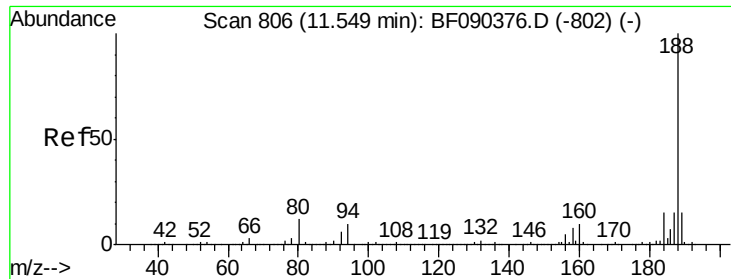
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#44
 2-Fluorobiphenyl
 Concen: 81.92 ng
 RT: 9.33 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF090486.D
 Acq: 10 Oct 2016 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2377555		
171	37.5	31.8	47.8	
170	25.3	21.7	32.5	





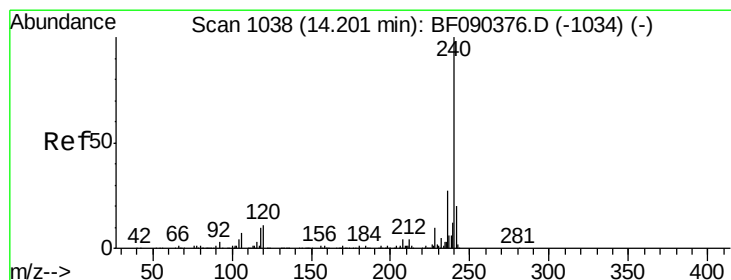
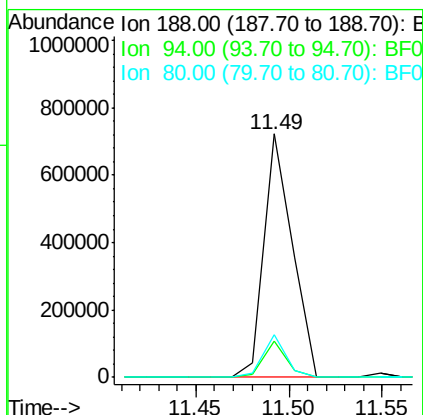
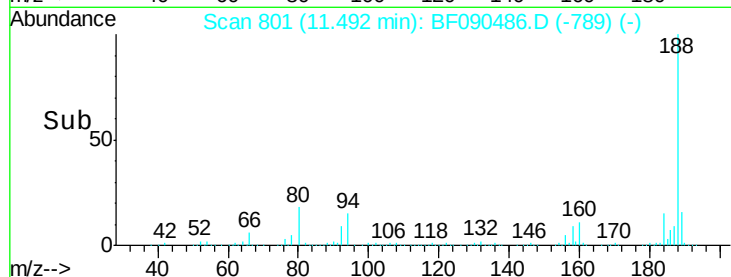
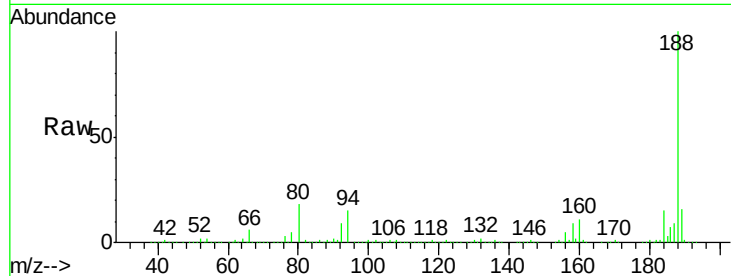
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF090486.D
Acq: 10 Oct 2016 18:19

Instrument :
BNA_F
ClientSampleId :
WC-WH-DRUM-01-C

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	15.1	8.2	12.2#
80	17.7	8.8	13.2#

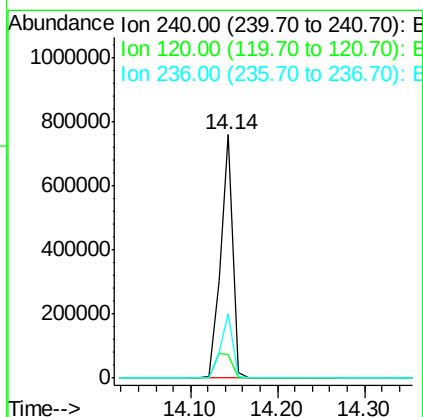
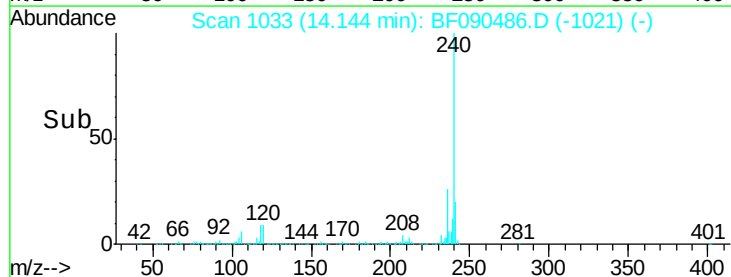
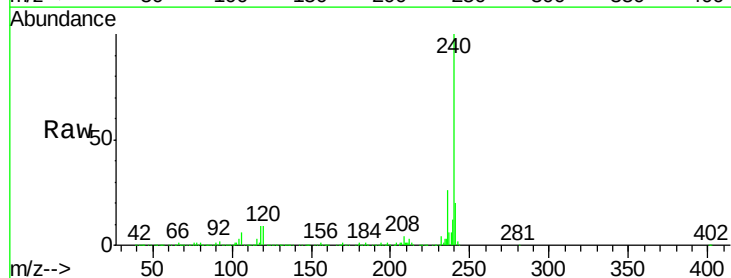
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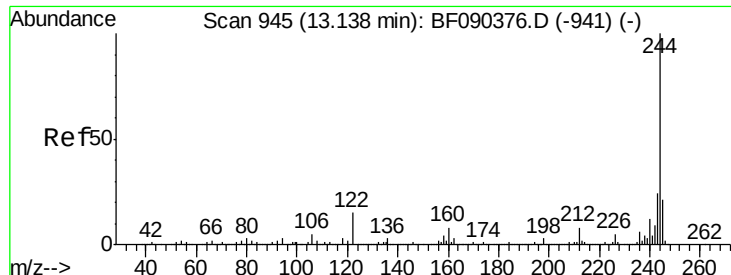
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 1033
Delta R.T. -0.06 min
Lab File: BF090486.D
Acq: 10 Oct 2016 18:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.5	8.6	13.0
236	26.5	21.6	32.4





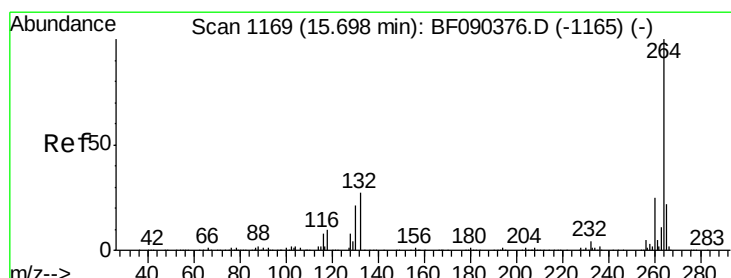
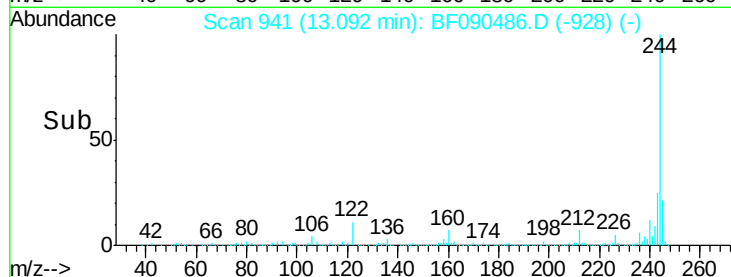
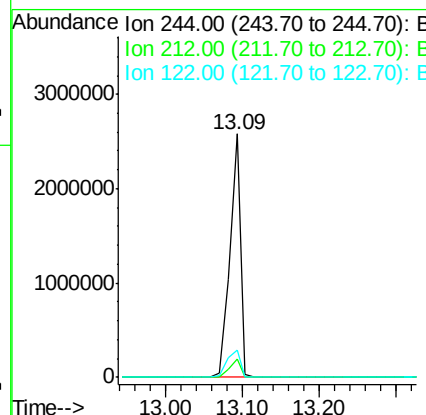
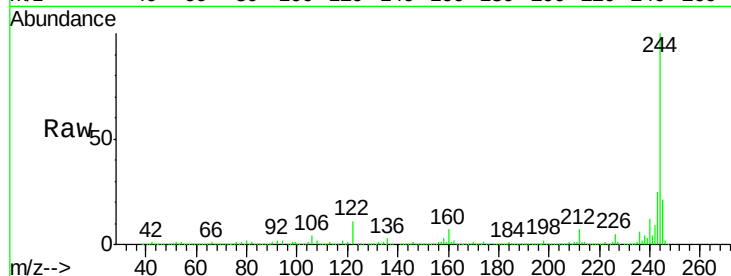
#78
 Terphenyl-d14
 Concen: 76.17 ng
 RT: 13.09 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF090486.D
 Acq: 10 Oct 2016 18:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-01-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.8	10.2
122	11.4	13.3	19.9

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1162
 Delta R.T. -0.08 min
 Lab File: BF090486.D
 Acq: 10 Oct 2016 18:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	22.2	17.4	26.0

