

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094715.D
 Acq On : 30 Apr 2017 15:31
 Operator : SJ/MA
 Sample : I2873-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A1841DW

Manual Integrations
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 5/1/2017 7:50:52 PM

Quant Time: May 01 02:41:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	109016	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	449292	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	215116	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	390768	20.00	ng	0.00
75) Chrysene-d12	14.47	240	328431	20.00	ng	0.00
86) Perylene-d12	16.09	264	223673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	368582	56.09	ng	0.02
7) Phenol-d6	5.38	99	285540	36.86	ng	0.00
23) Nitrobenzene-d5	6.41	82	617122	84.81	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	240793	143.11	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1255669	85.88	ng	0.00
78) Terphenyl-d14	13.20	244	1219326	99.23	ng	0.00
Target Compounds						
32) Benzoic acid	7.01	122	8800m	2.49	ng	Qvalue 99
49) Dimethylphthalate	9.08	163	44945	2.80	ng	

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

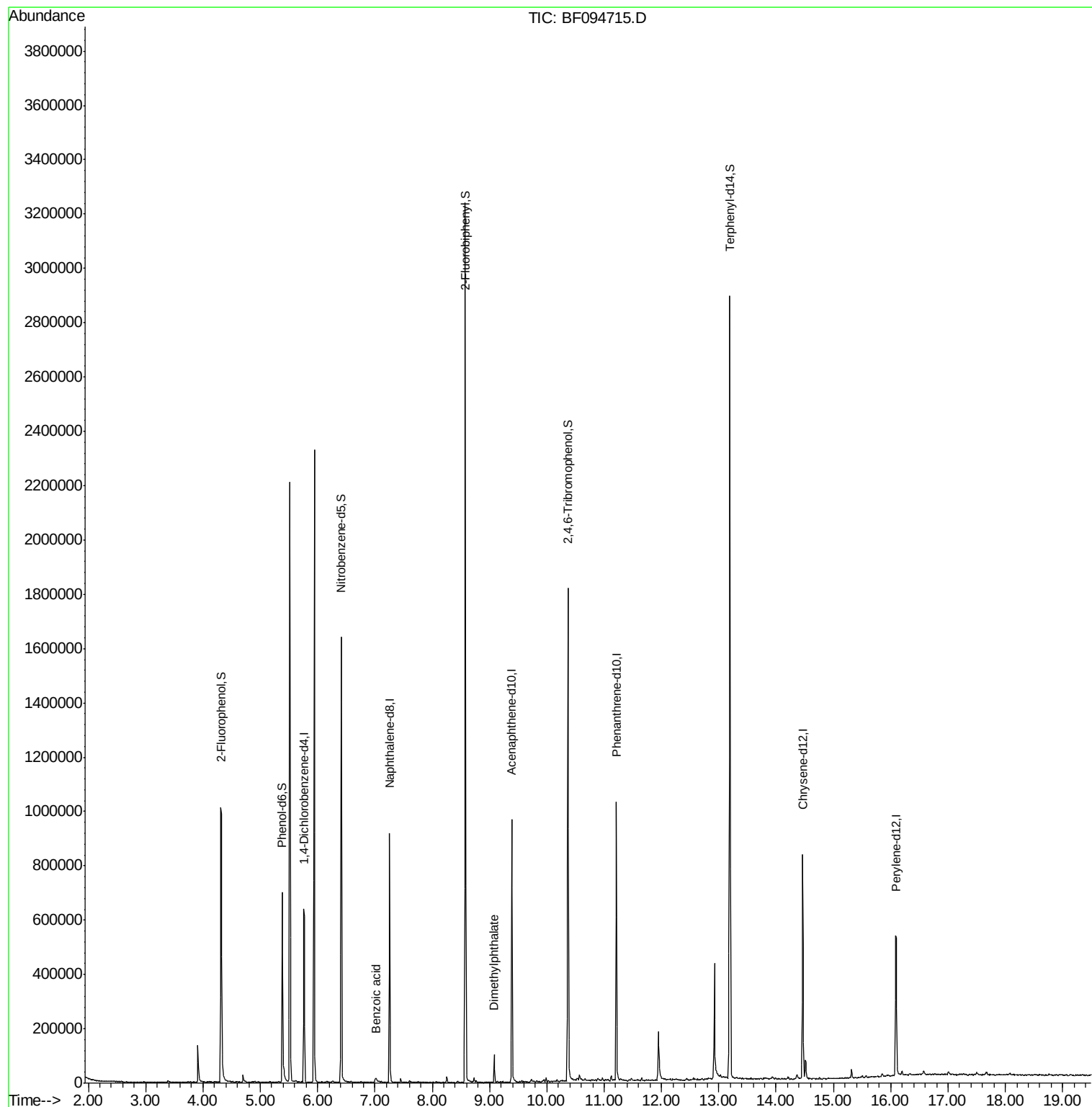
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094715.D
Acq On : 30 Apr 2017 15:31
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Sample : I2873-08
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ALS Vial : 10 Sample Multiplier: 1

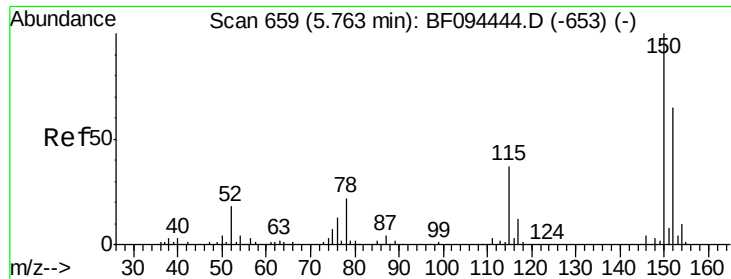
Instrument :
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#1

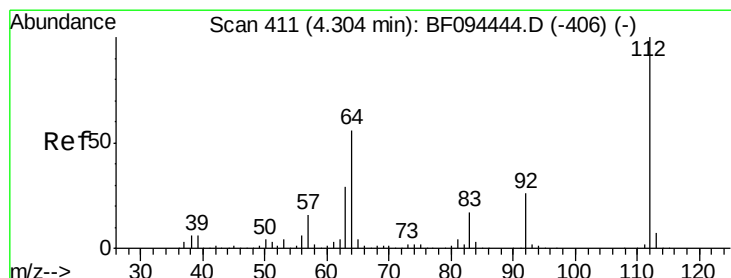
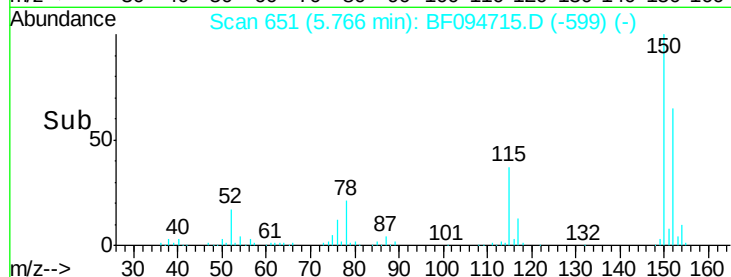
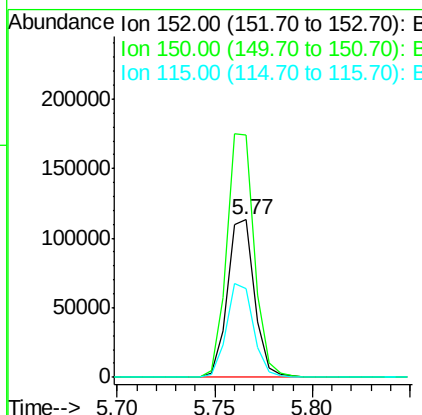
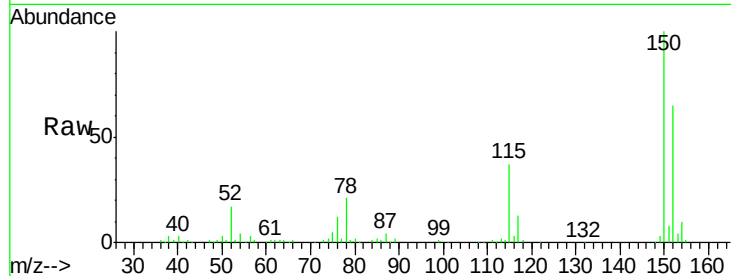
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A1841DW

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.2
115	56.3	52.2	78.2

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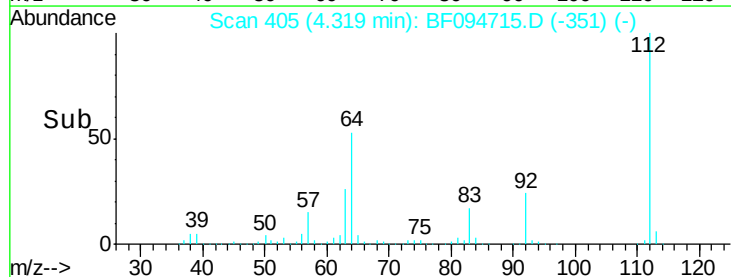
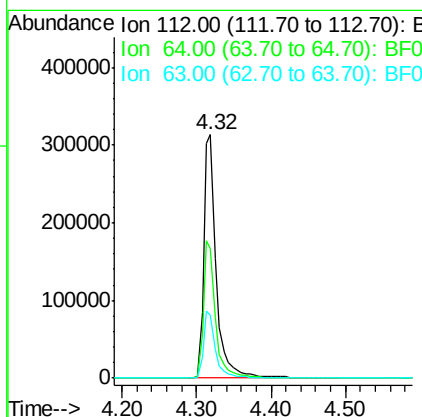
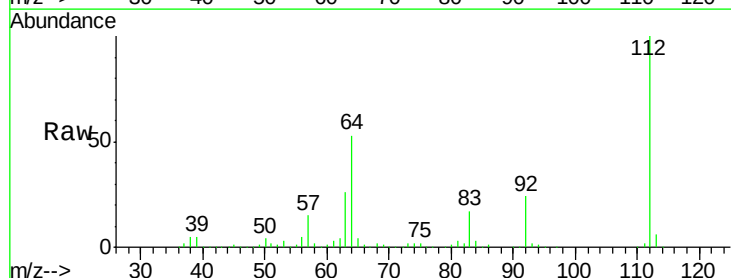
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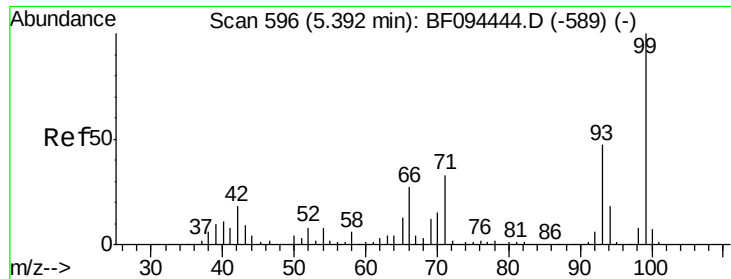


#5

2-Fluorophenol
Concen: 56.09 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.02 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.0	69.0
63	26.1	23.4	35.0





#7

Phenol-d6

Concen: 36.86 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094715.D

Acq: 30 Apr 2017 15:31

Instrument :

BNA_F

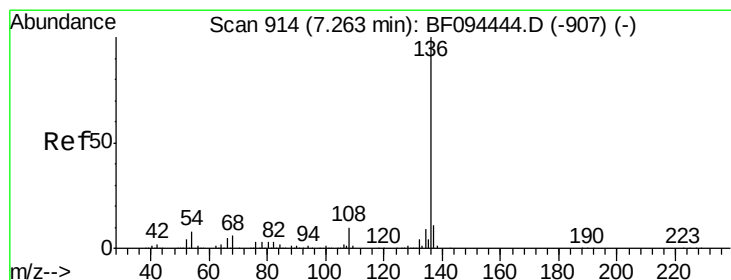
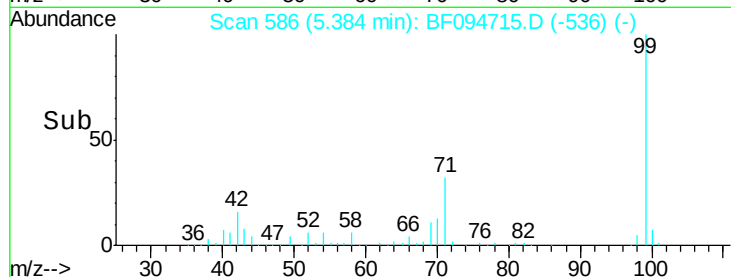
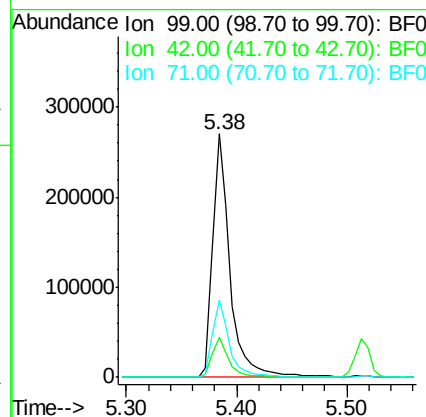
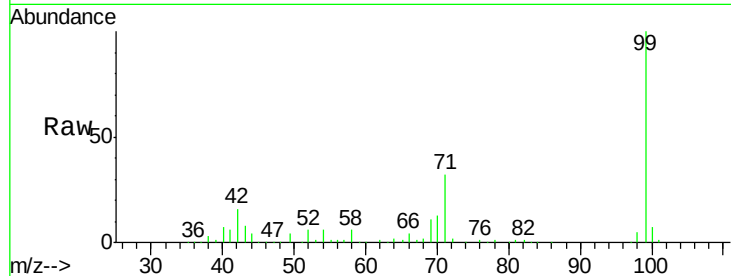
ClientSampleId :

FRAC-TANK-A1841DW

Tot Ion:	99	Resp:	285540
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.5	20.3
71	31.9	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

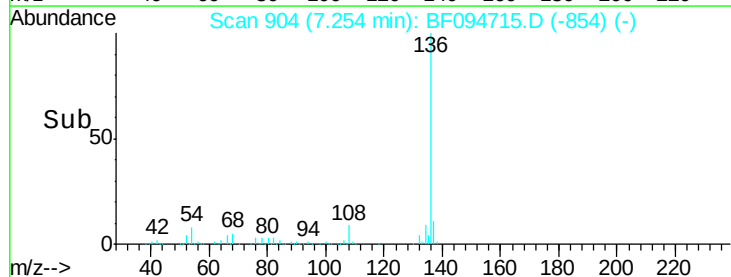
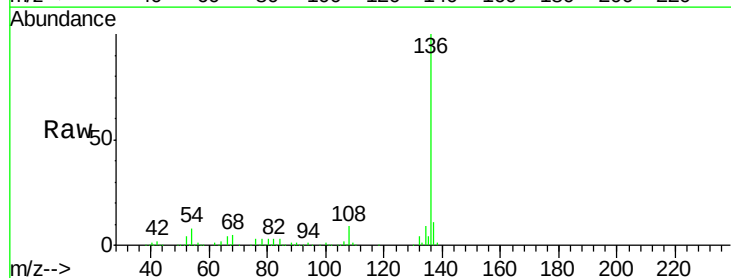
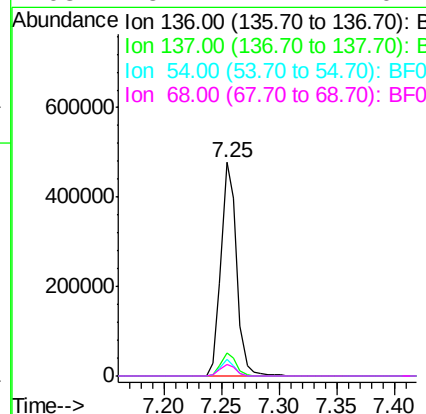
RT: 7.25 min Scan# 904

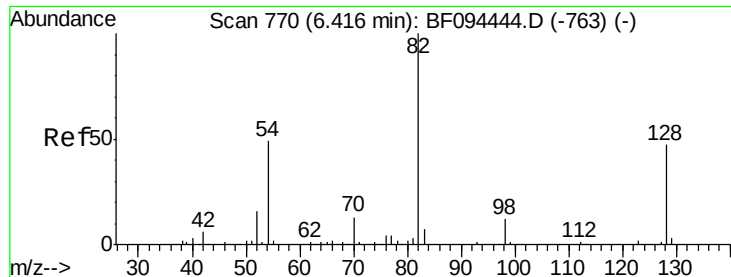
Delta R.T. -0.01 min

Lab File: BF094715.D

Acq: 30 Apr 2017 15:31

Tgt Ion:	136	Resp:	449292
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	7.7	4.9	7.3#
68	5.4	4.1	6.1





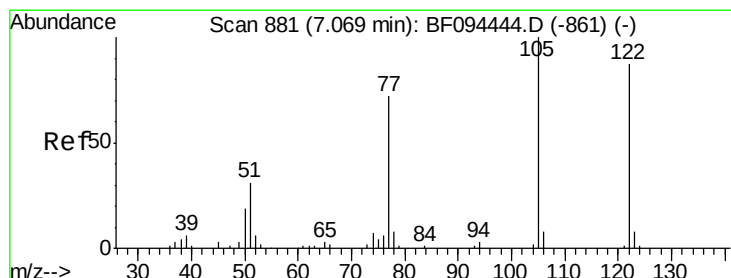
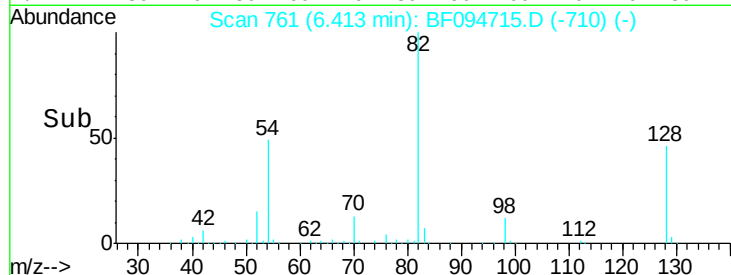
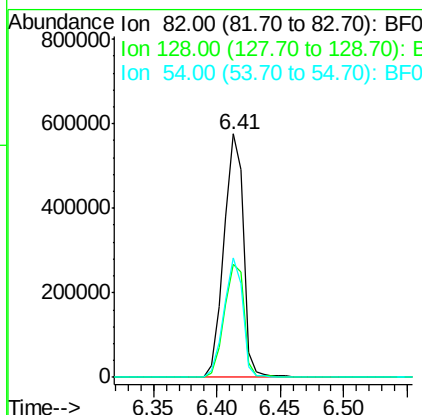
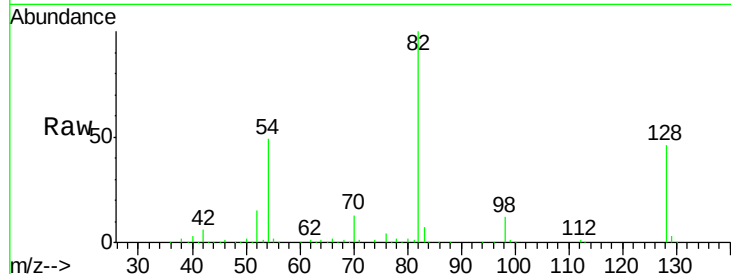
#23
 Nitrobenzene-d5
 Concen: 84.81 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF094715.D
 Acq: 30 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A1841DW

Tot Ion	82	Resp	617122
Ion Ratio	Lower	Upper	
82	100		
128	46.4	34.0	51.0
54	49.0	42.2	63.2

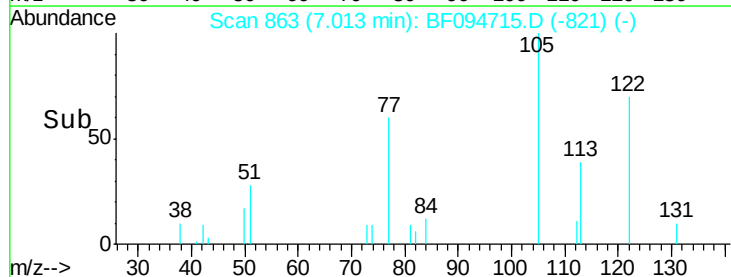
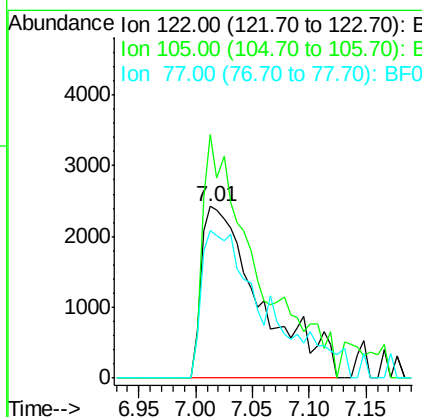
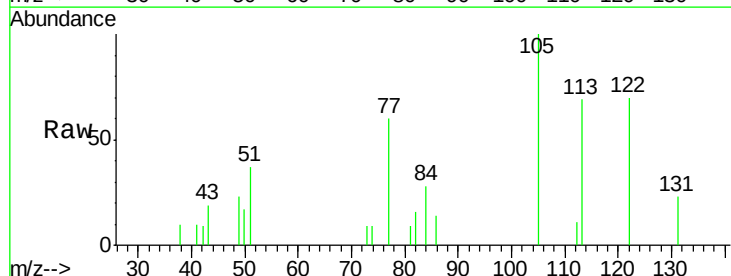
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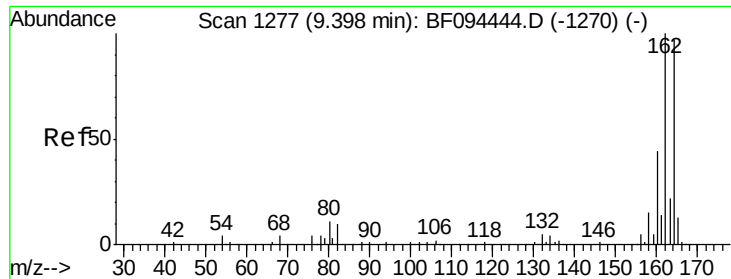
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#32
 Benzoic acid
 Concen: 2.49 ng m
 RT: 7.01 min Scan# 863
 Delta R.T. -0.06 min
 Lab File: BF094715.D
 Acq: 30 Apr 2017 15:31

Tgt Ion	122	Resp	8800
Ion Ratio	Lower	Upper	
122	100		
105	141.9	103.3	143.3
77	85.8	73.7	113.7





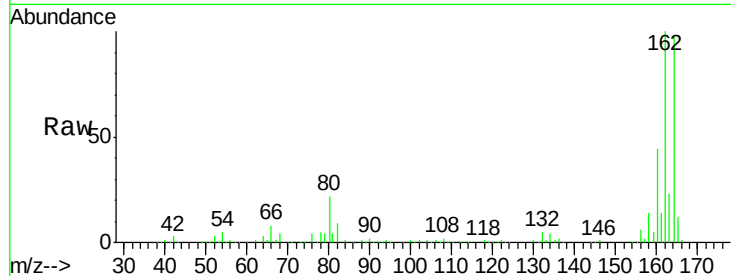
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A1841DW

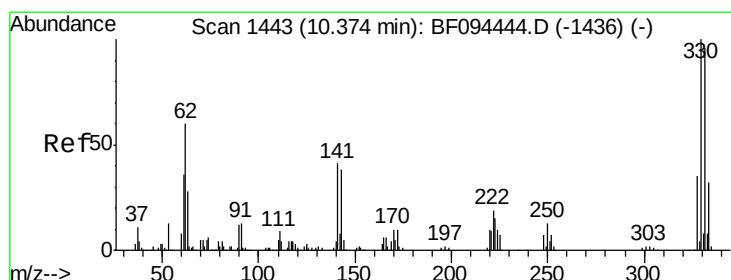
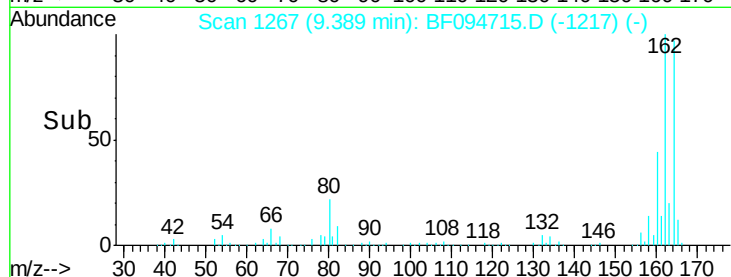
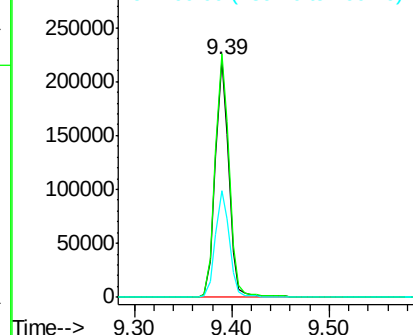
Tot Ion	Ratio	Resp	Lower	Upper
164	100	215116		
162	102.5	82.6	123.8	
160	45.1	36.2	54.2	

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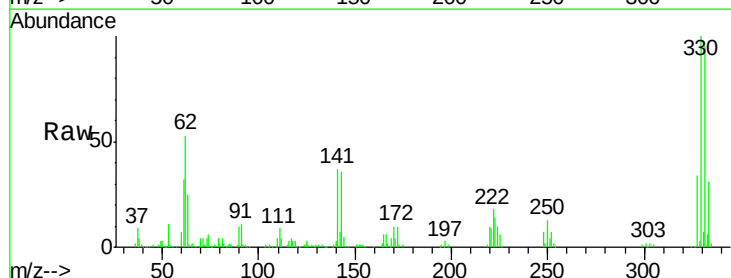


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

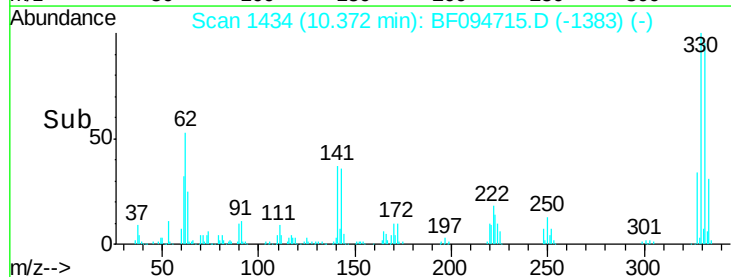
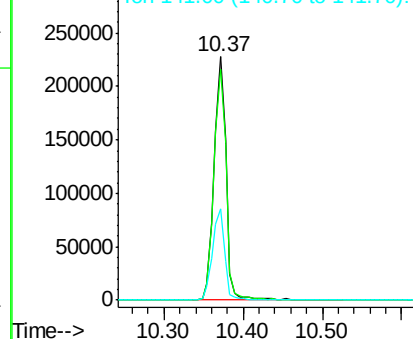


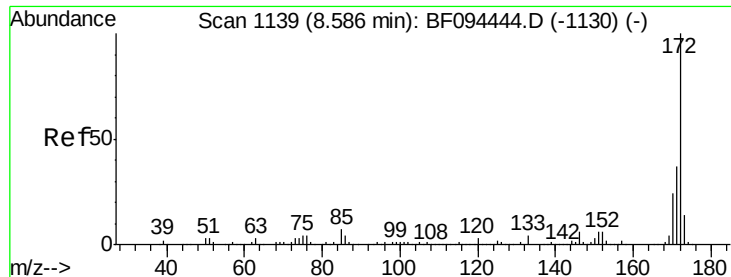
#41
2,4,6-Tribromophenol
Concen: 143.11 ng
RT: 10.37 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	240793		
332	96.8	76.6	115.0	
141	38.0	31.4	47.2	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





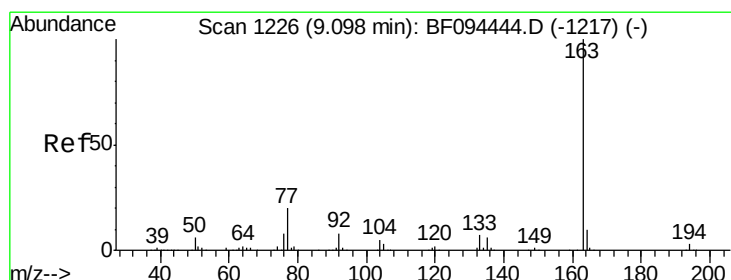
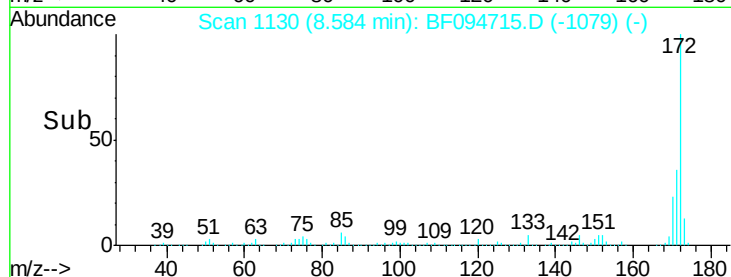
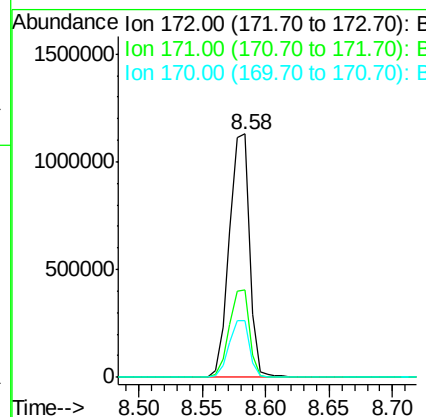
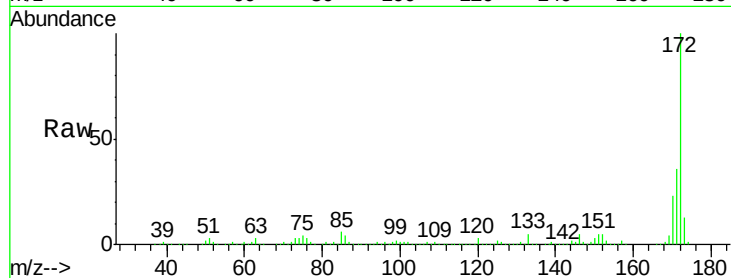
#44
2-Fluorobiphenyl
Concen: 85.88 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A1841DW

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.4	19.8	29.8

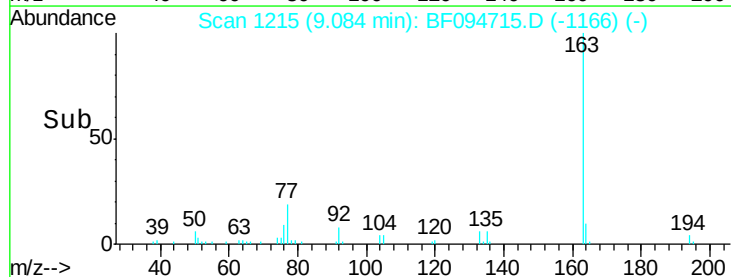
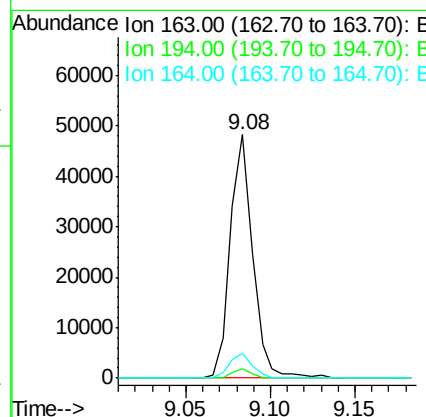
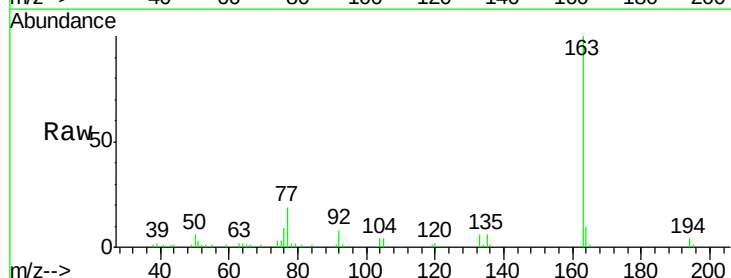
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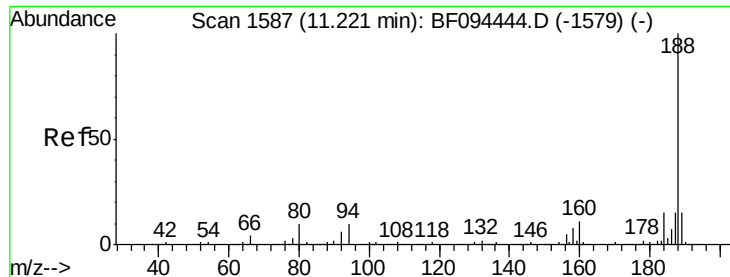
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#49
Dimethylphthalate
Concen: 2.80 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.1	8.4	12.6





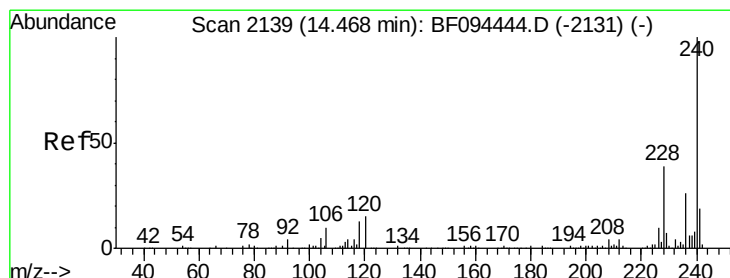
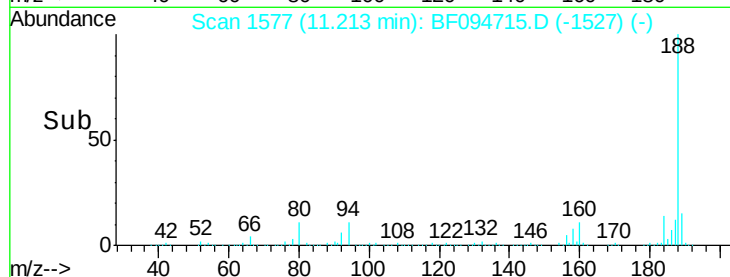
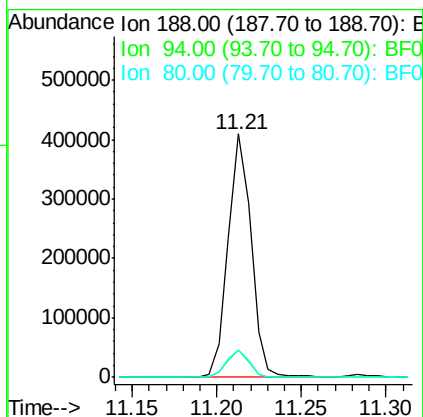
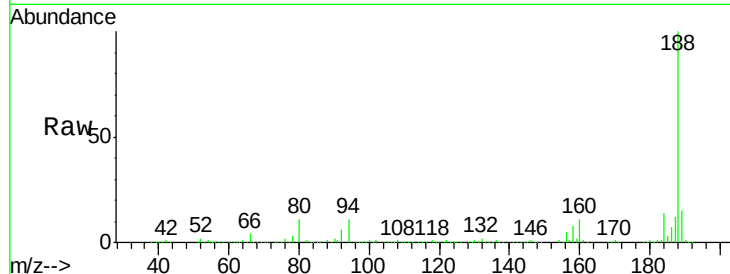
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-A1841DW

Tot Ion	Ratio	Resp	Lower	Upper
188	100	390768		
94	11.0		9.4	14.2
80	11.0		10.2	15.2

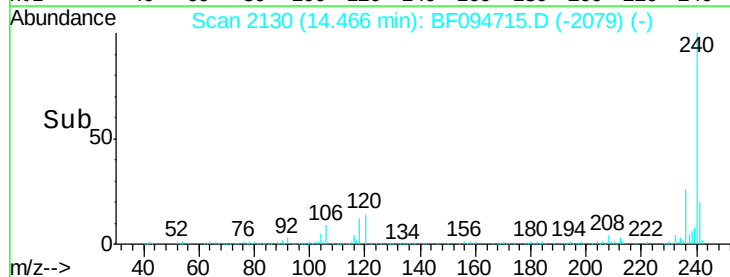
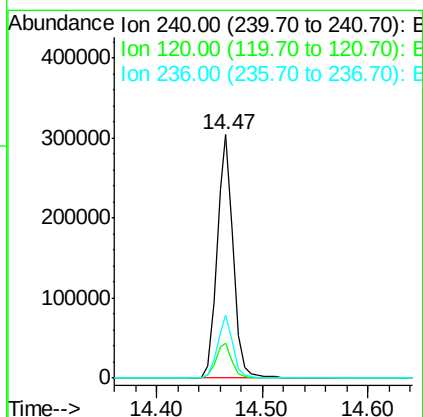
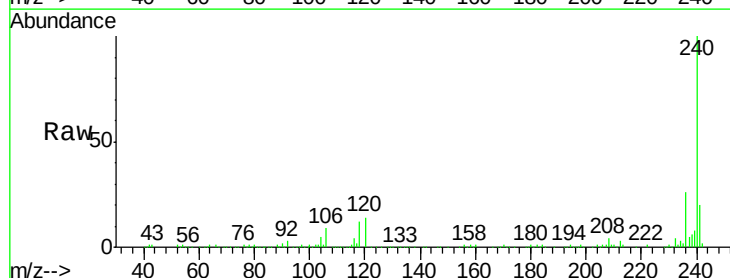
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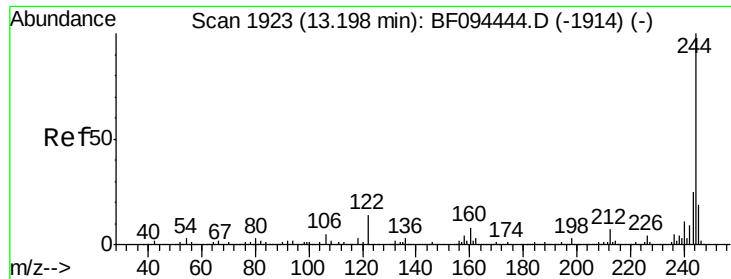
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094715.D
Acq: 30 Apr 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	328431		
120	14.2		5.8	8.8#
236	25.7		20.5	30.7





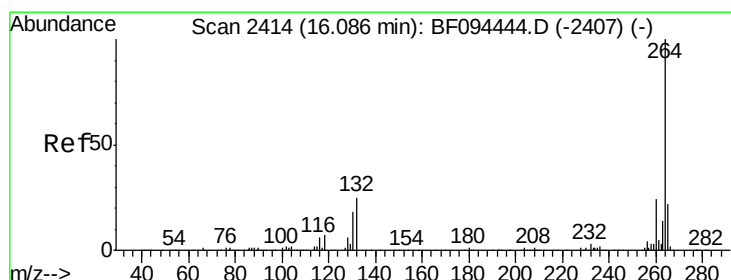
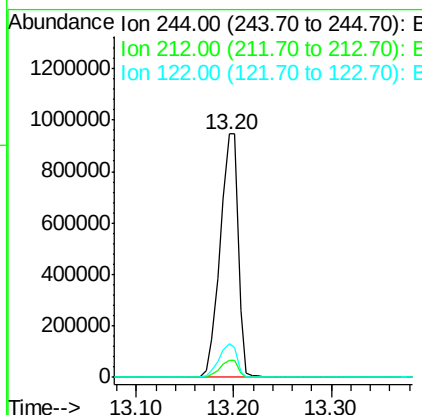
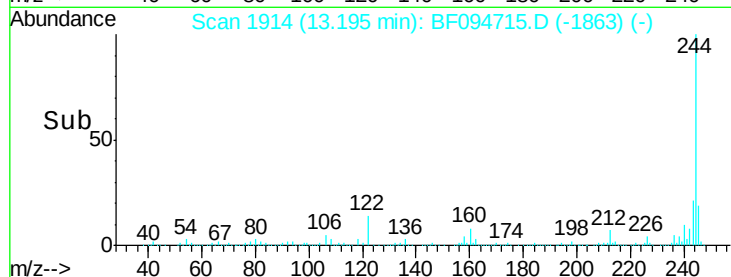
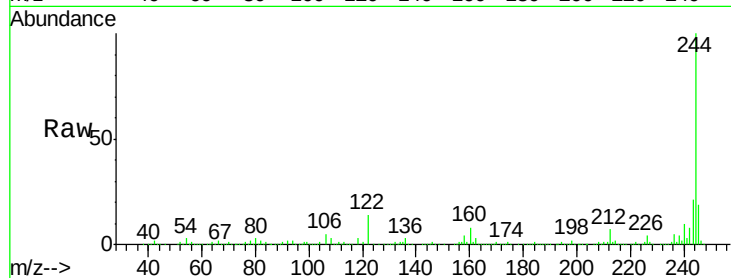
#78
 Terphenyl-d14
 Concen: 99.23 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094715.D
 Acq: 30 Apr 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-A1841DW

Tot Ion:244 Resp: 1219326
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.0 10.3 15.5

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094715.D
 Acq: 30 Apr 2017 15:31

Tgt Ion:264 Resp: 223673
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.9 17.2 25.8

