

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084131.D
 Acq On : 25 Dec 2015 15:56
 Operator : UM/SJ
 Sample : G4869-08DL 5X
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-TANK2DL

Manual Integrations
 APPROVED

Sohil
 12/28/2015 1:10:38 PM

Quant Time: Dec 26 03:51:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	54409	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	183797	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	83701	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	148092	20.00	ng	0.00
75) Chrysene-d12	13.95	240	108276	20.00	ng	-0.01
86) Perylene-d12	15.38	264	104353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	63199	19.69	ng	0.00
7) Phenol-d6	6.45	99	79473	20.01	ng	0.00
23) Nitrobenzene-d5	7.37	82	55256	17.60	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	17660	19.79	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	111251	18.19	ng	0.00
78) Terphenyl-d14	12.90	244	82717	13.82	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	60454m	6.18	ng	Qvalue
37) 2-Methylnaphthalene	8.80	142	177536	29.00	ng	# 95
45) 1,1'-Biphenyl	9.26	154	30126	3.98	ng	96
49) Dimethylphthalate	9.56	163	24557	3.54	ng	96
70) Phenanthrene	11.34	178	80963	9.22	ng	# 93

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

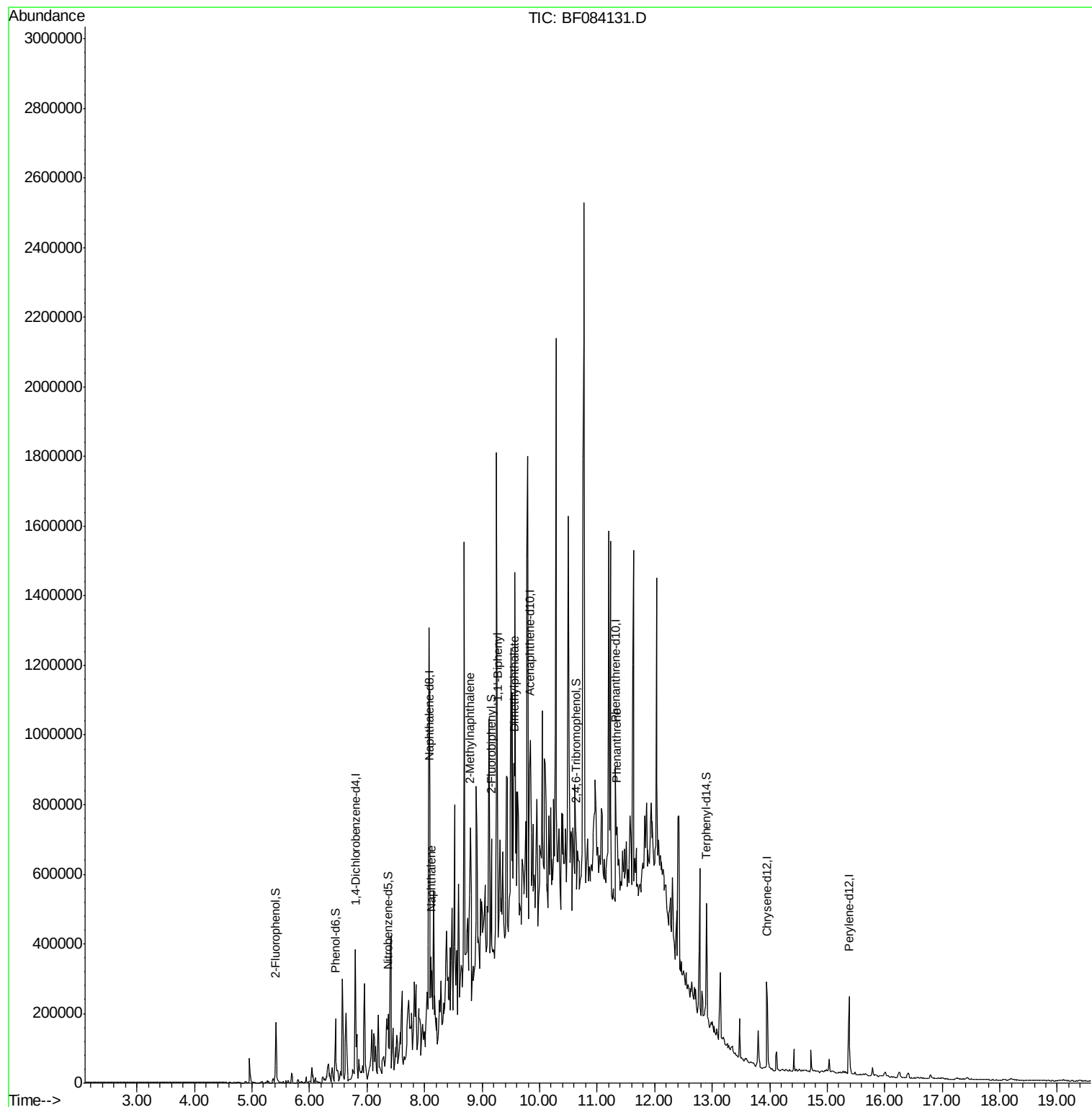
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084131.D
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ALS Vial : 72 Sample Multiplier: 1

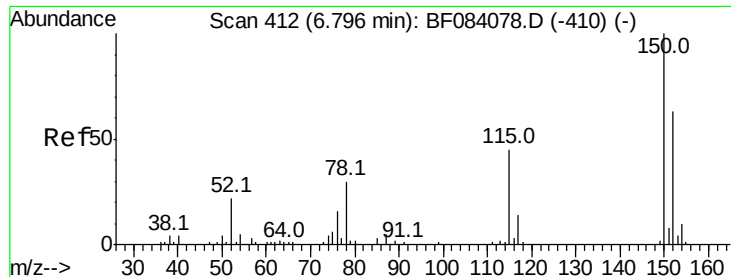
Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

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12/28/2015 1:10:38 PM

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Response via : Initial Calibration





#1

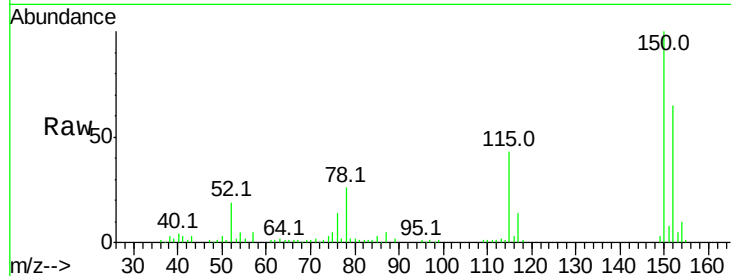
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.0	184.4
115	65.6	51.4	77.2

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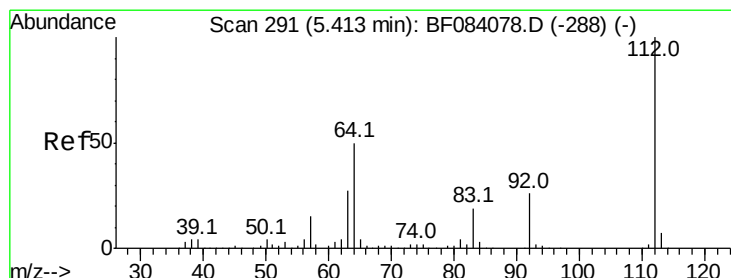
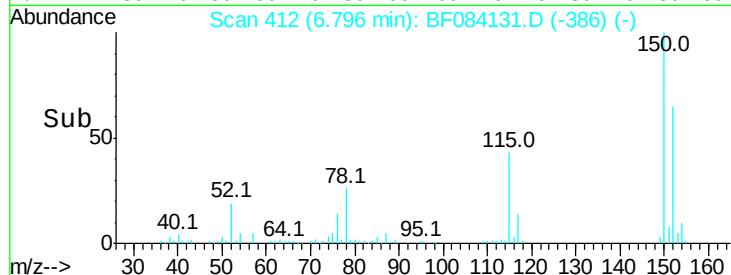
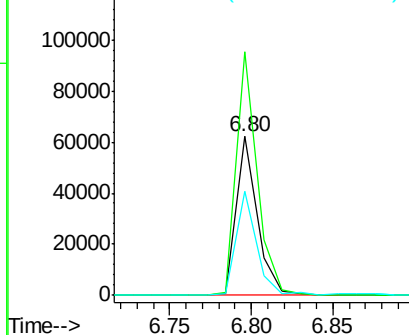


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

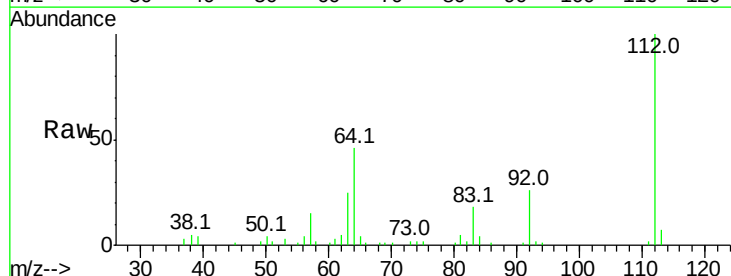
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.69 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.8	36.6	55.0
63	25.0	19.4	29.0

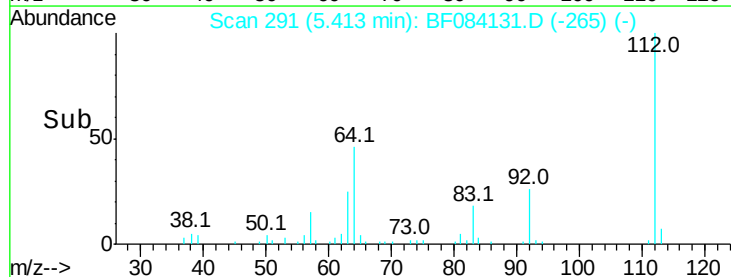
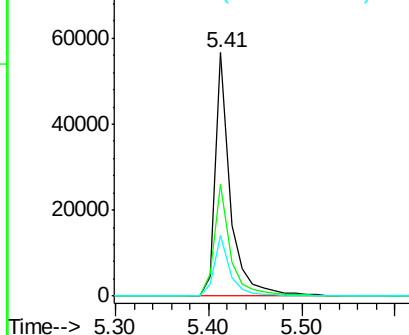


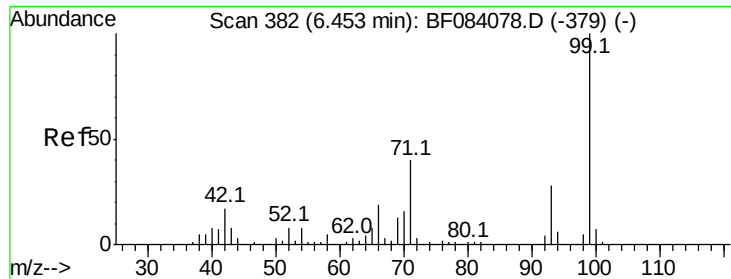
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.01 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084131.D

Acq: 25 Dec 2015 15:56

Instrument :

BNA_F

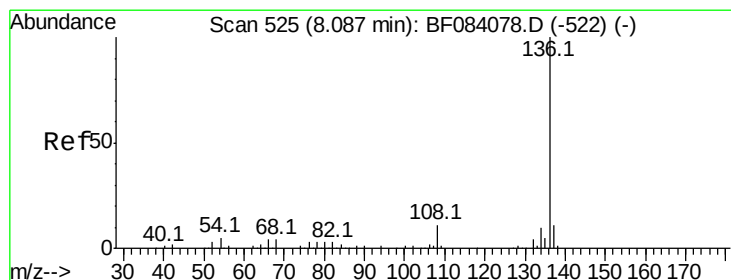
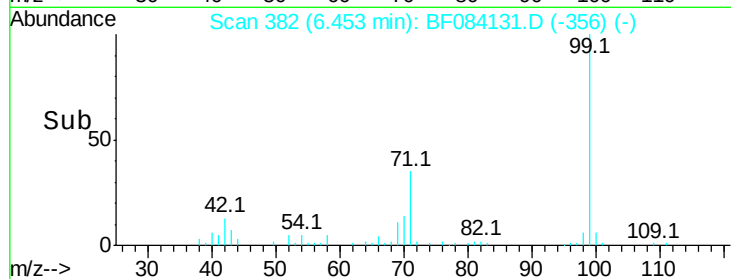
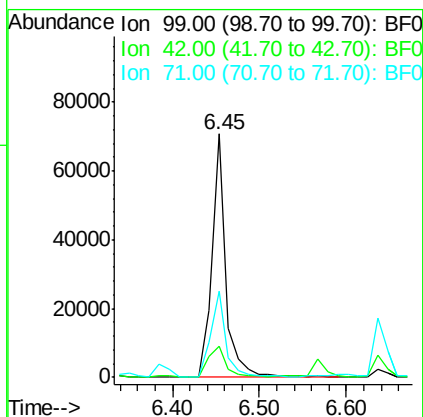
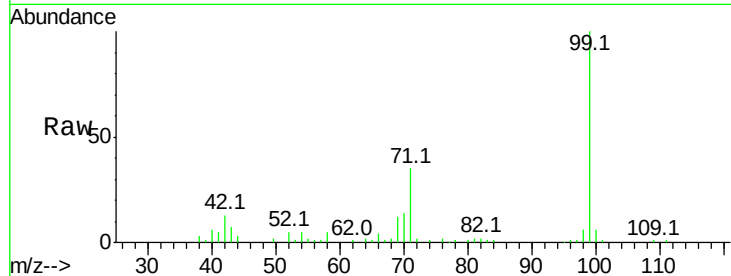
ClientSampleId :

LTCWC-TANK2DL

Tot Ion:	99	Resp:	79473
Ion Ratio	Lower	Upper	
99	100		
42	13.0	12.8	19.2
71	35.3	30.9	46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

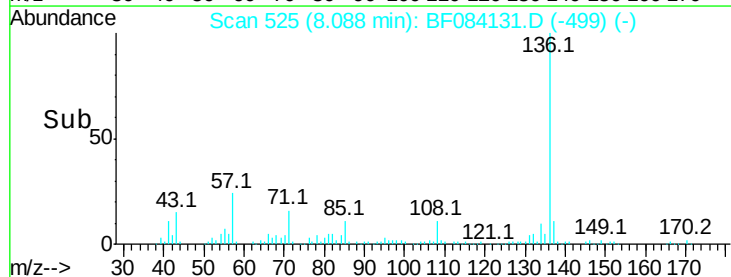
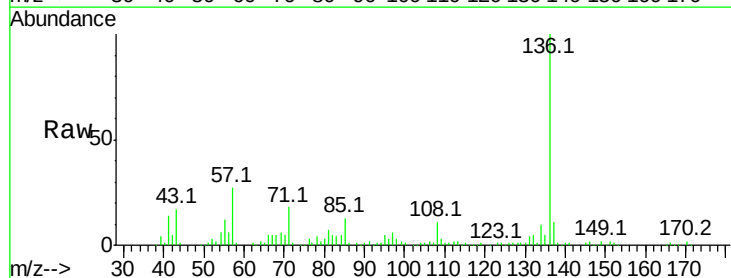
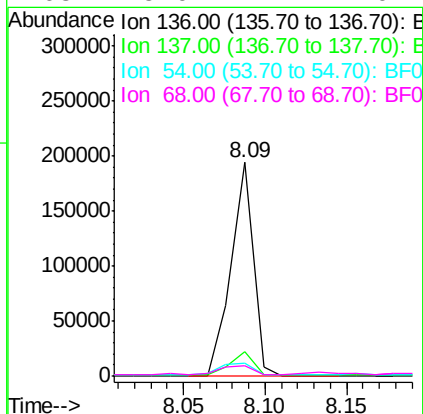
RT: 8.09 min Scan# 525

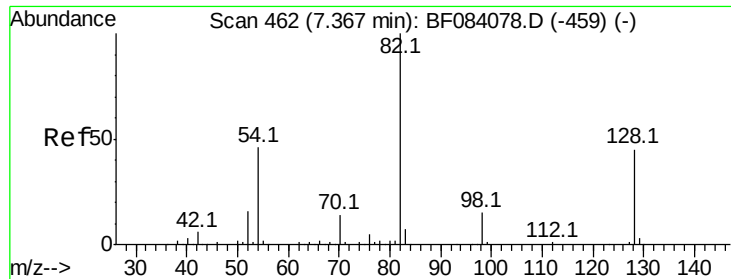
Delta R.T. 0.00 min

Lab File: BF084131.D

Acq: 25 Dec 2015 15:56

Tgt Ion:	136	Resp:	183797
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	5.8	5.8	8.8#
68	5.0	4.2	6.2





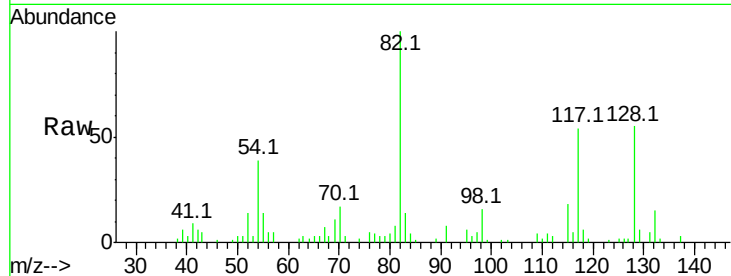
#23
 Nitrobenzene-d5
 Concen: 17.60 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084131.D
 Acq: 25 Dec 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-TANK2DL

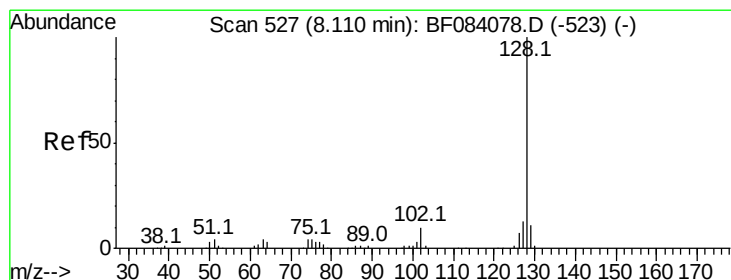
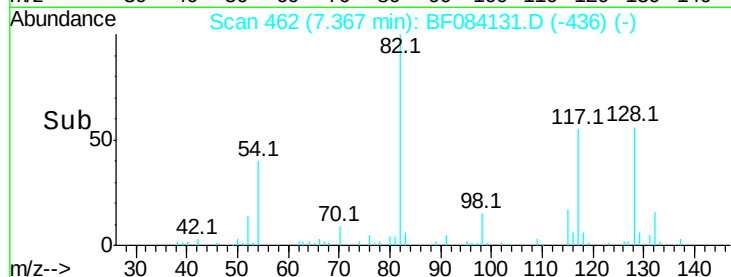
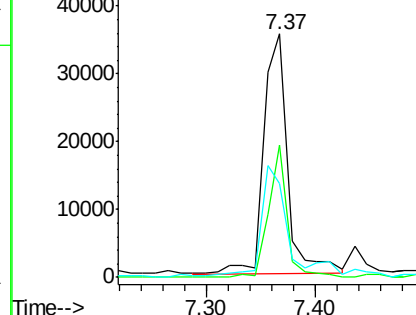
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	54.5	34.6	51.8#	
54	38.8	38.4	57.6	

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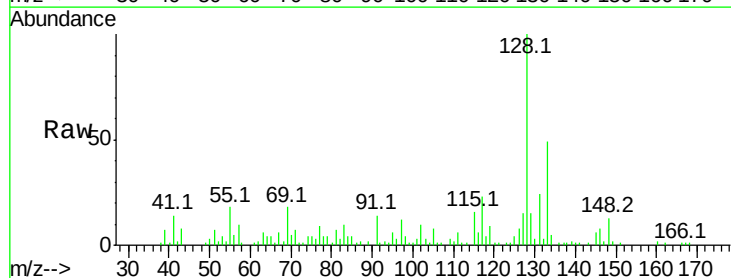


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

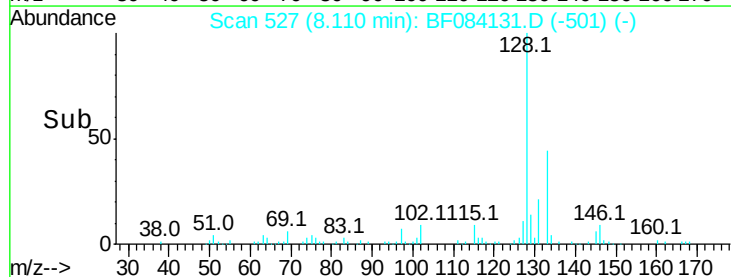
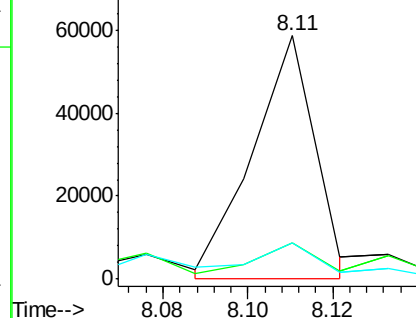


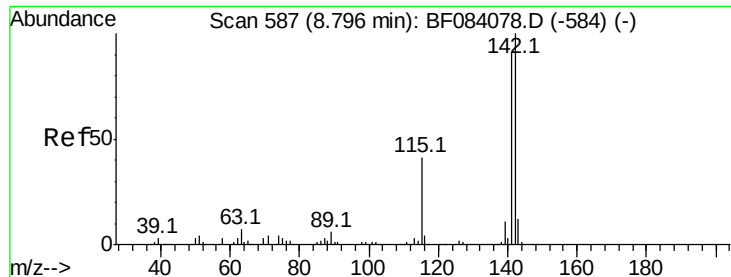
#31
 Naphthalene
 Concen: 6.18 ng m
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF084131.D
 Acq: 25 Dec 2015 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	14.8	9.1	13.7#	
127	14.8	11.1	16.7	



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





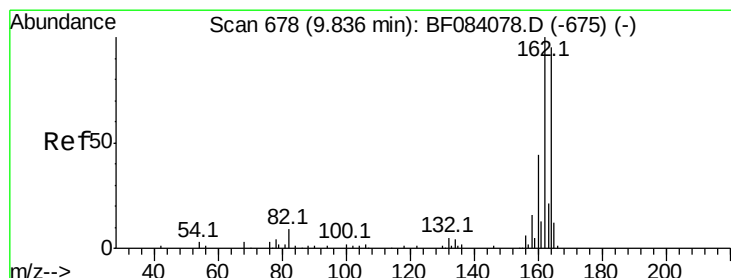
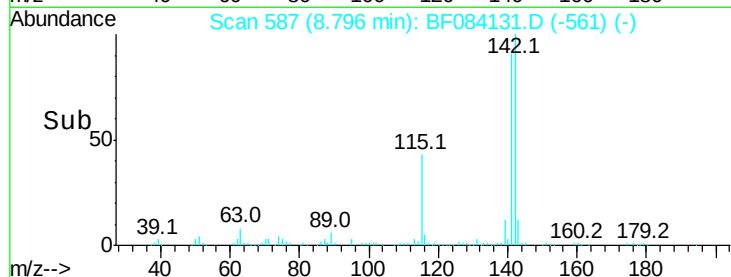
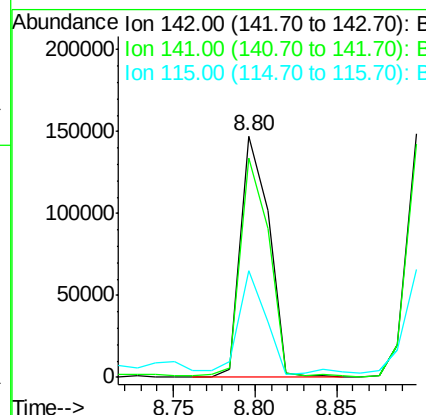
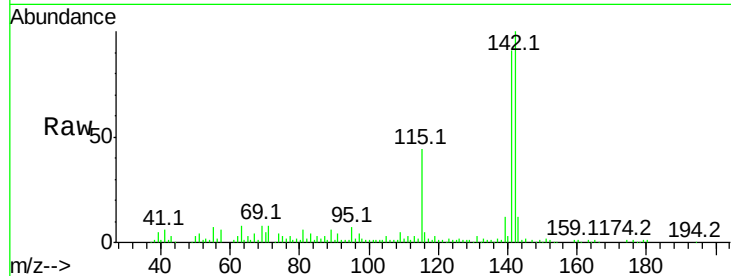
#37
2-Methylnaphthalene
Concen: 29.00 ng
RT: 8.80 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.4	108.6
115	44.1	27.9	41.9

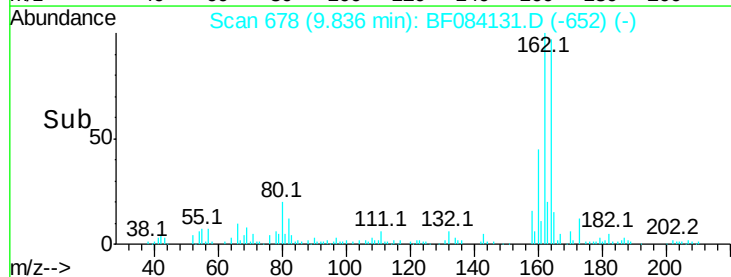
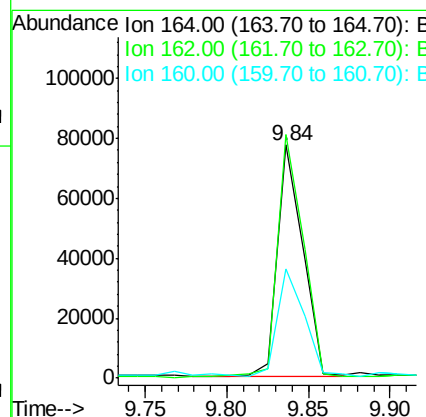
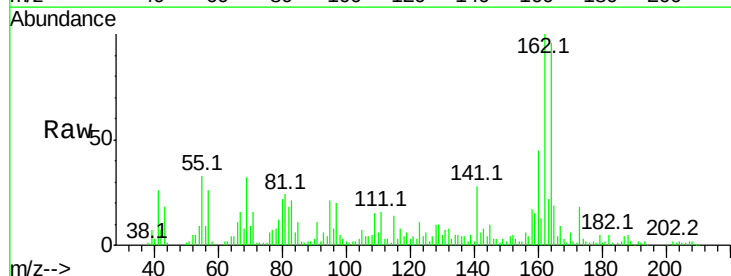
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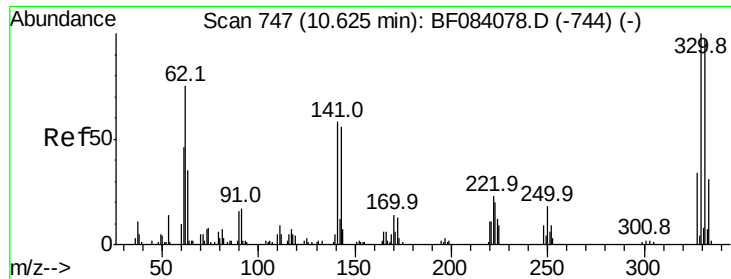
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.1	127.7
160	47.0	37.5	56.3





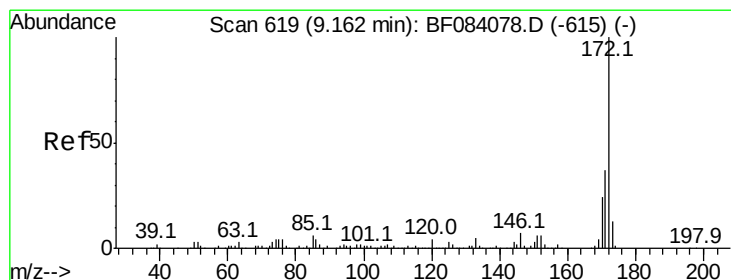
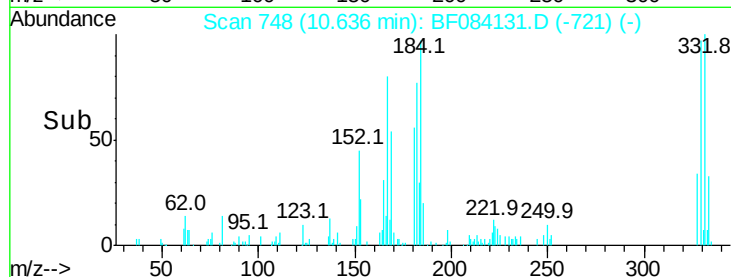
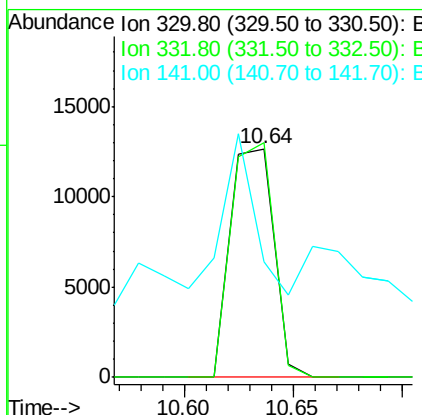
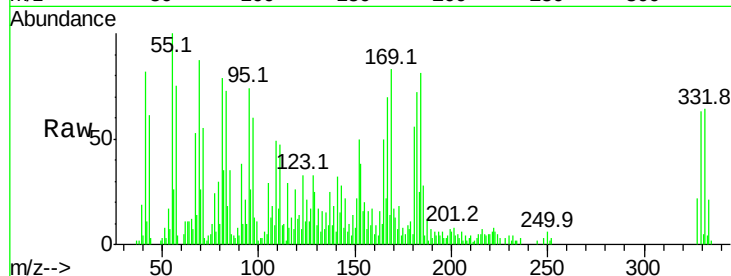
#41
 2,4,6-Tribromophenol
 Concen: 19.79 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF084131.D
 Acq: 25 Dec 2015 15:56

Instrument :
 BNA_F
 ClientSampleId :
 LTCWC-TANK2DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.3	76.6	114.8
141	50.0	27.8	41.6

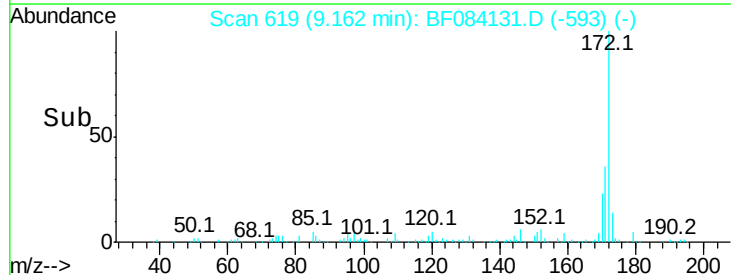
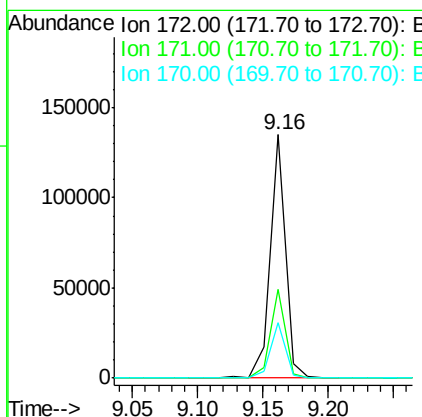
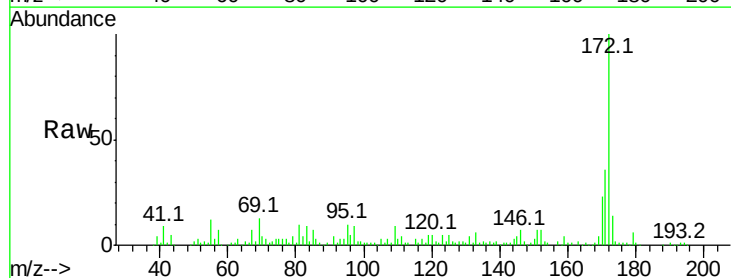
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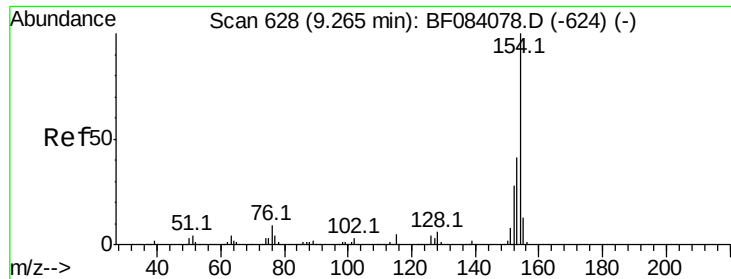
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#44
 2-Fluorobiphenyl
 Concen: 18.19 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084131.D
 Acq: 25 Dec 2015 15:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	23.0	18.6	27.8





#45

1,1'-Biphenyl

Concen: 3.98 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084131.D

Acq: 25 Dec 2015 15:56

Instrument :

BNA_F

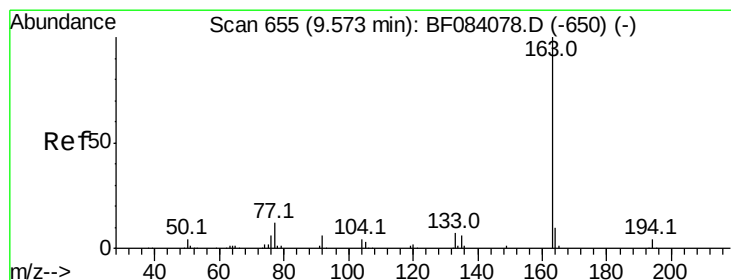
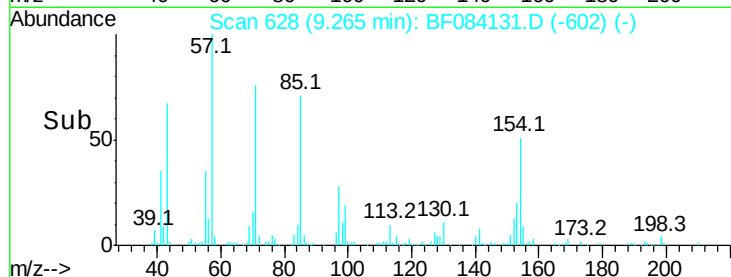
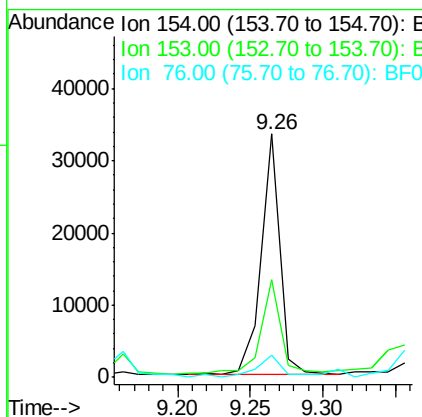
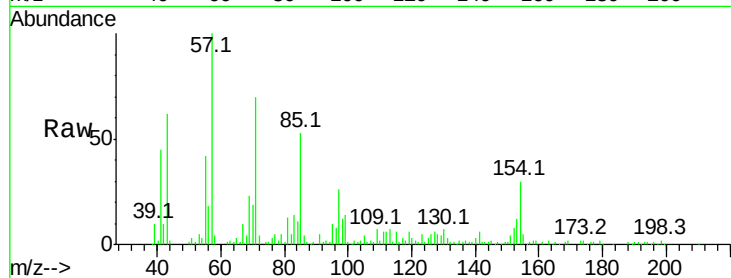
ClientSampleId :

LTCWC-TANK2DL

Tot Ion:	154	Resp:	30126
Ion Ratio	Lower	Upper	
154	100		
153	40.0	21.6	61.6
76	9.0	0.0	32.7

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#49

Dimethylphthalate

Concen: 3.54 ng

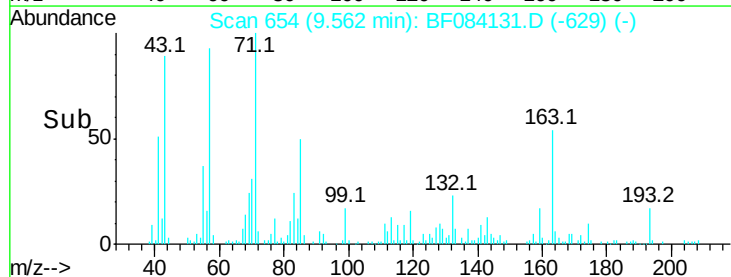
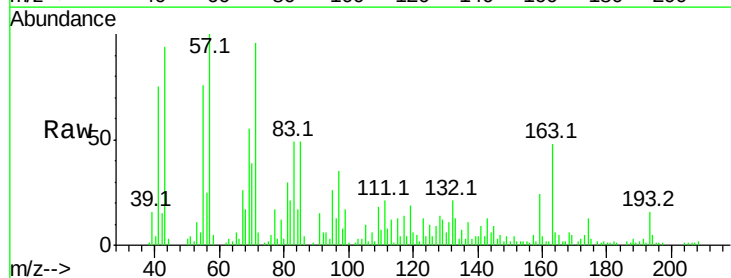
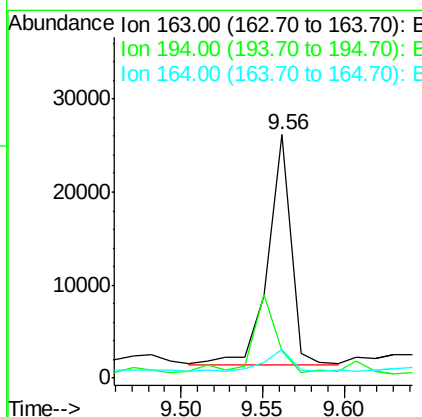
RT: 9.56 min Scan# 654

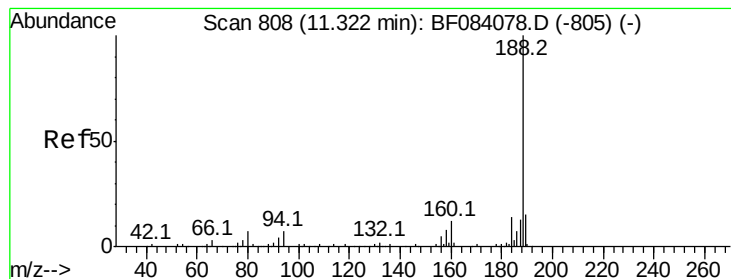
Delta R.T. -0.01 min

Lab File: BF084131.D

Acq: 25 Dec 2015 15:56

Tgt Ion:	163	Resp:	24557
Ion Ratio	Lower	Upper	
163	100		
194	11.0	8.0	12.0
164	11.8	8.0	12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF084131.D

Acq: 25 Dec 2015 15:56

Instrument :

BNA_F

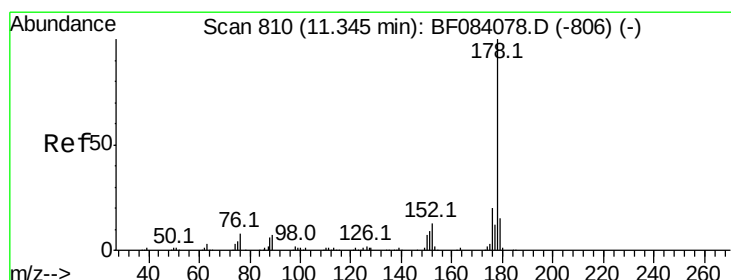
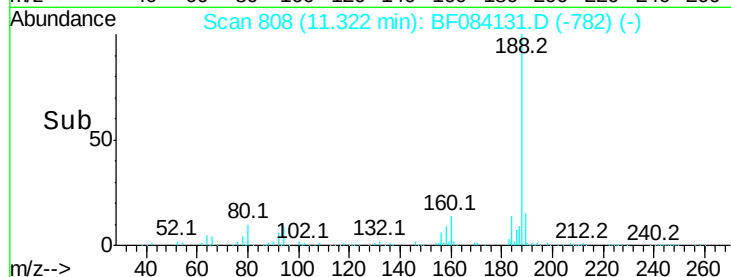
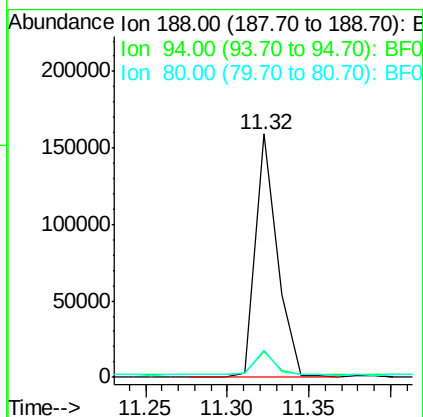
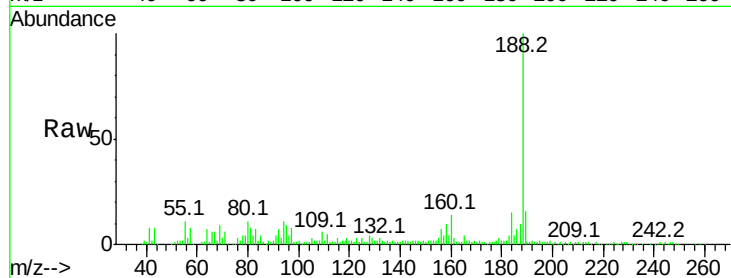
ClientSampleId :

LTCWC-TANK2DL

Tot Ion:	188	Resp:	148092
Ion Ratio	Lower	Upper	
188	100		
94	10.6	9.0	13.4
80	11.4	9.6	14.4

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#70

Phenanthrene

Concen: 9.22 ng

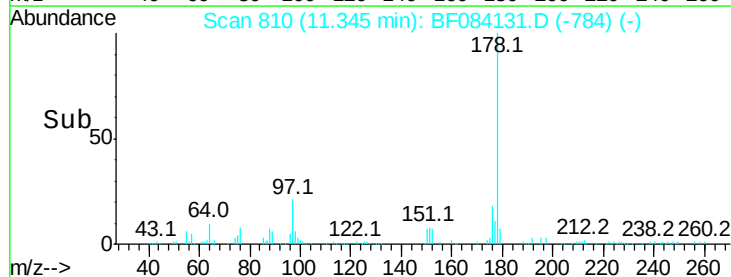
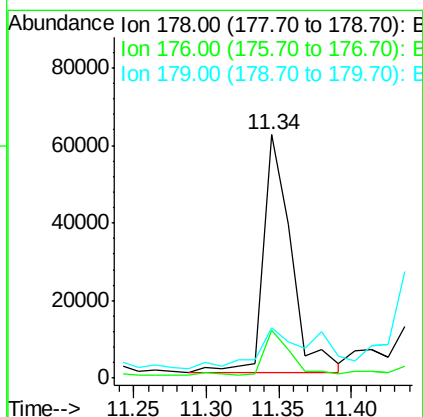
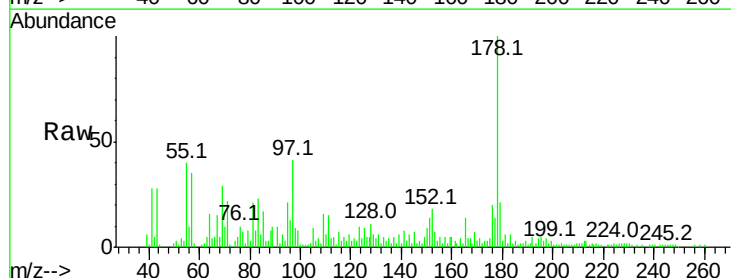
RT: 11.34 min Scan# 810

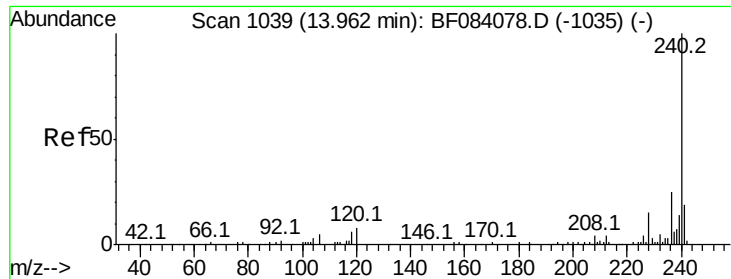
Delta R.T. 0.00 min

Lab File: BF084131.D

Acq: 25 Dec 2015 15:56

Tgt Ion:	178	Resp:	80963
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.3	22.9
179	20.8	12.0	18.0#





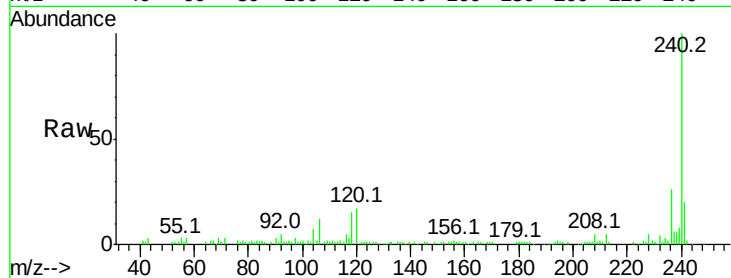
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

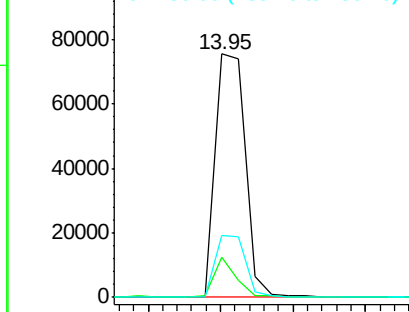
Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	16.6	9.5	14.3#
236	25.5	20.6	31.0

Manual Integrations
APPROVED

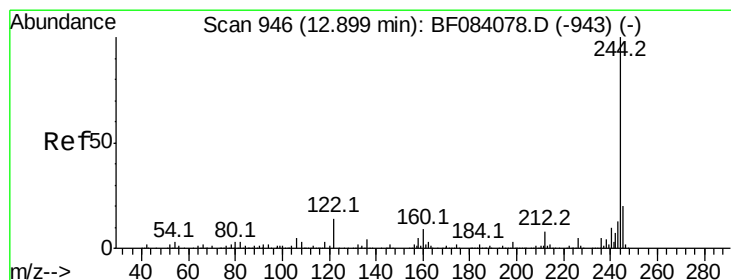
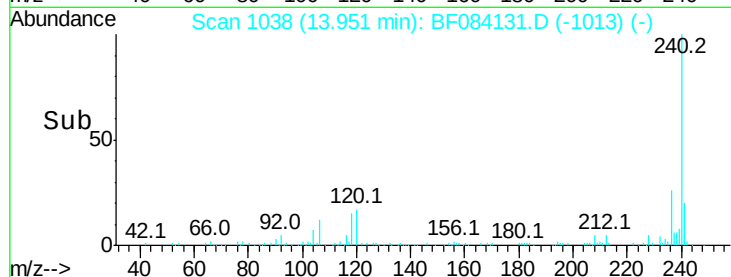
Sohil
12/28/2015 1:10:38 PM



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



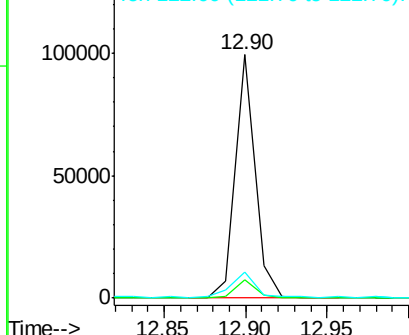
Time-->



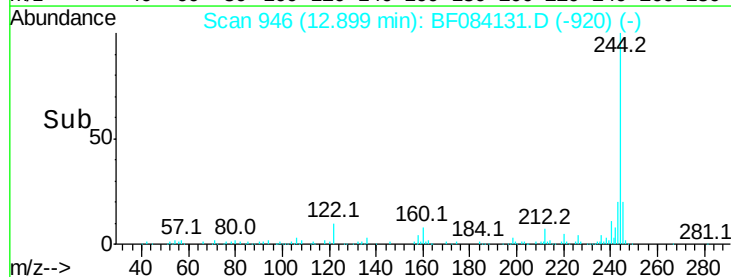
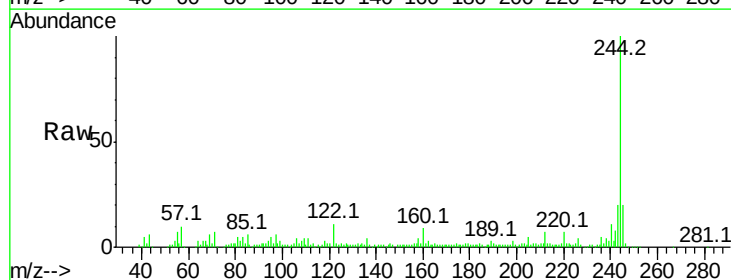
#78
Terphenyl-d14
Concen: 13.82 ng
RT: 12.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

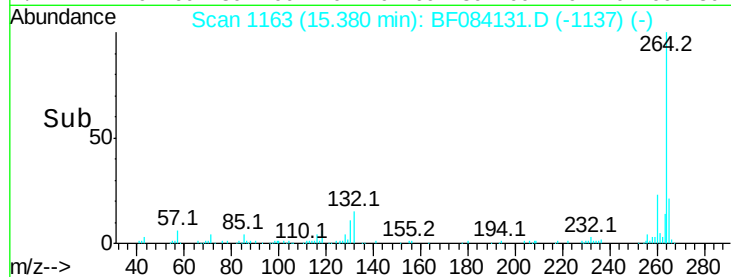
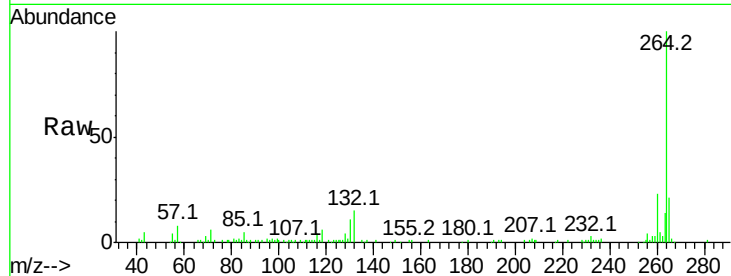
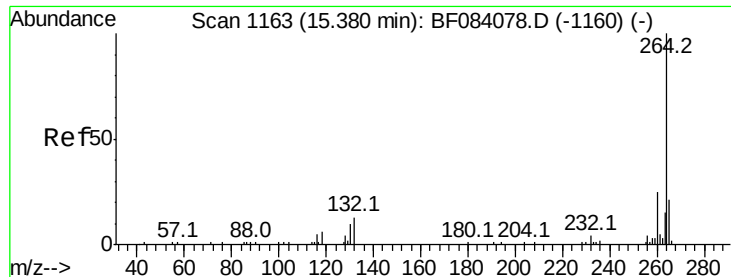
Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.5	5.7	8.5
122	10.6	7.4	11.0

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	22.5	19.4	29.2
265	20.7	17.8	26.6

Manual Integrations
APPROVED

Sohil
12/28/2015 1:10:38 PM

