

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094468.D
 Acq On : 17 Apr 2017 23:53
 Operator : SJ/MA
 Sample : I2708-17 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-X10-BASE

Manual Integrations
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Quant Time: Apr 18 04:04:49 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	5.76	152	151038	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	628001	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	275229	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	460559	20.00	ng	0.00
75) Chrysene-d12	14.46	240	360945	20.00	ng	-0.01
86) Perylene-d12	16.08	264	274366	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.29	112	90663	9.96	ng	-0.01
7) Phenol-d6	5.37	99	122014	11.37	ng	-0.02
23) Nitrobenzene-d5	6.40	82	69771	6.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	19241	8.94	ng	-0.01
44) 2-Fluorobiphenyl	8.58	172	130967	7.00	ng	0.00
78) Terphenyl-d14	13.19	244	106711	7.90	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.13	142	56205	2.72	ng	98
49) Dimethylphthalate	9.08	163	48103	2.35	ng	98
70) Phenanthrene	11.24	178	64646	2.49	ng	99

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

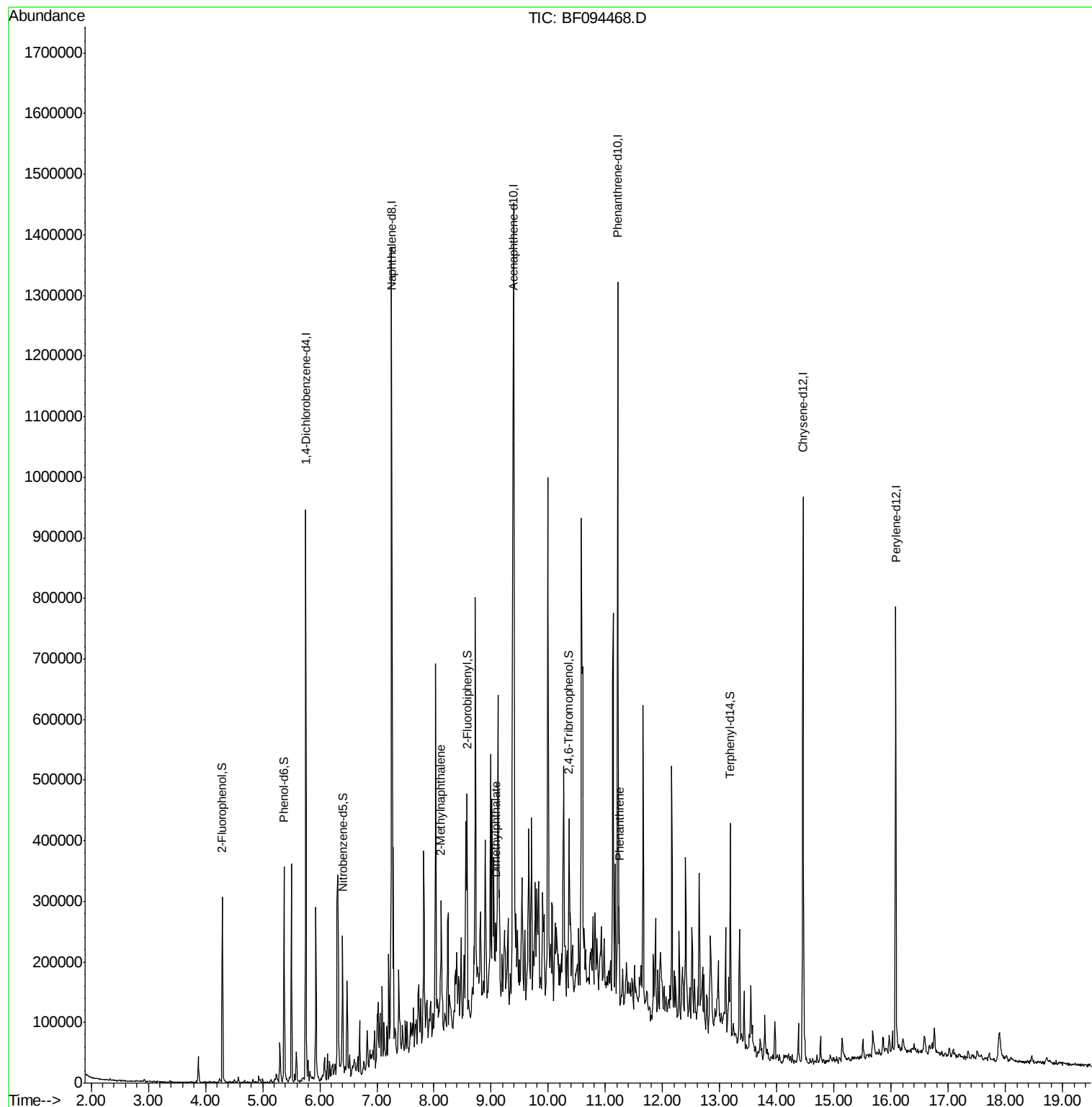
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094468.D
Acq On : 17 Apr 2017 23:53
Operator : SJ/MA
Sample : I2708-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

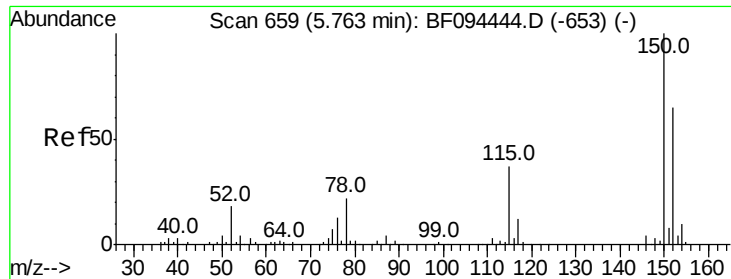
Instrument :
BNA_F
ClientSampleId :
E2-X10-BASE

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Quant Time: Apr 18 04:04:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
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#1

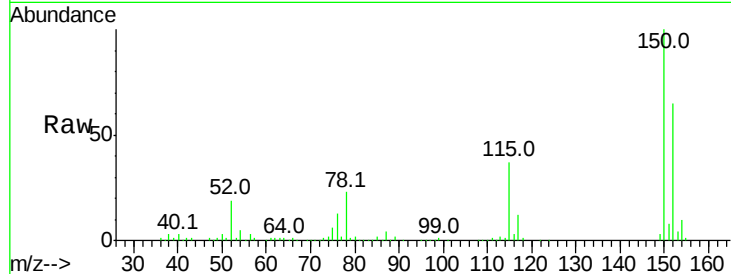
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.76 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF094468.D
 Acq: 17 Apr 2017 23:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-X10-BASE

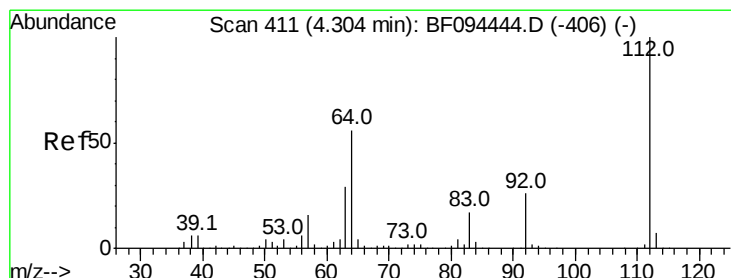
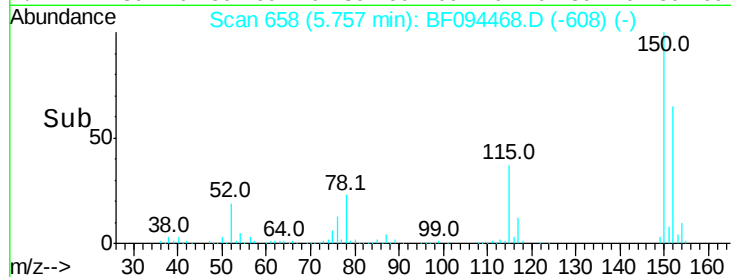
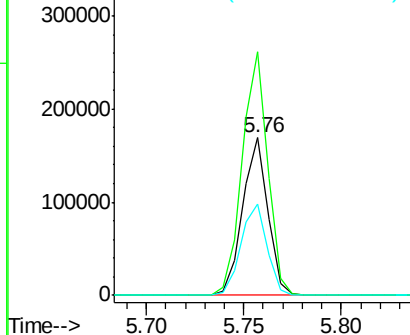
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	57.8	52.2	78.2

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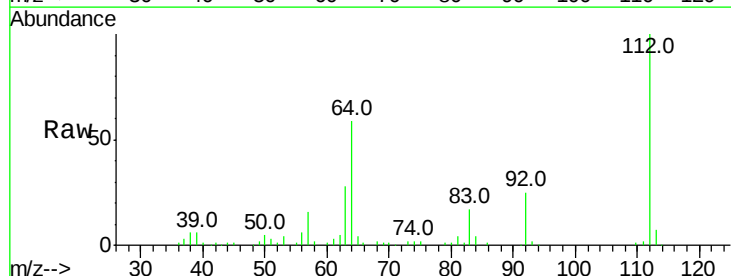
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



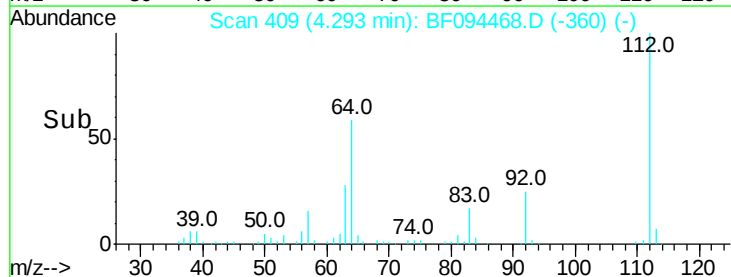
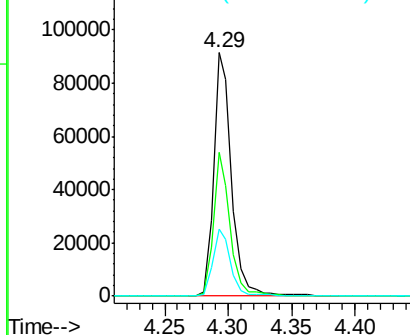
#5

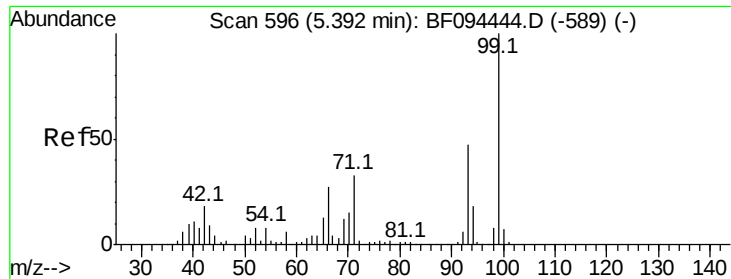
2-Fluorophenol
 Concen: 9.96 ng
 RT: 4.29 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF094468.D
 Acq: 17 Apr 2017 23:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.0	69.0
63	27.6	23.4	35.0



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: 11.37 ng

RT: 5.37 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF094468.D

Acq: 17 Apr 2017 23:53

Instrument :

BNA_F

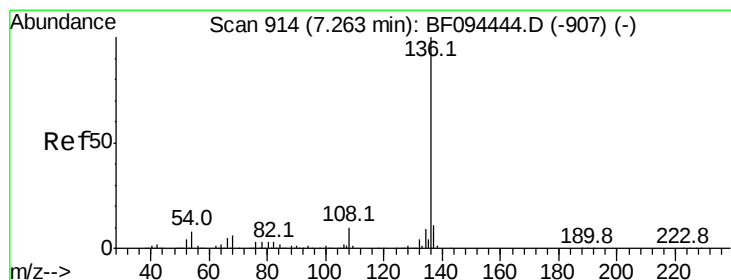
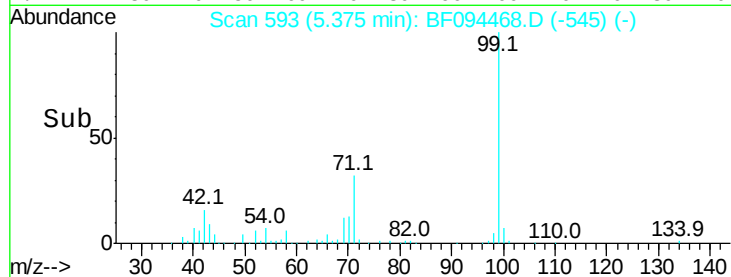
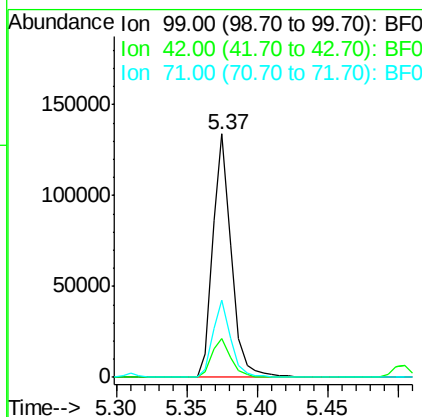
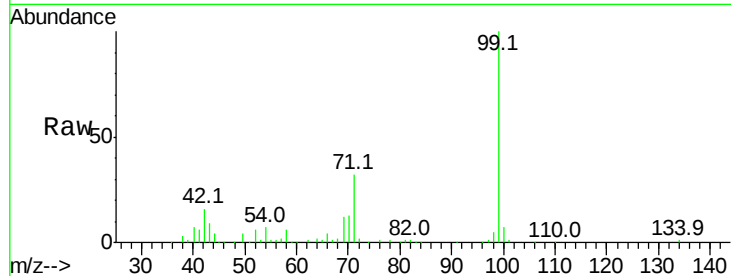
ClientSampleId :

E2-X10-BASE

Tot Ion:	99	Resp:	122014
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.5	20.3
71	31.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

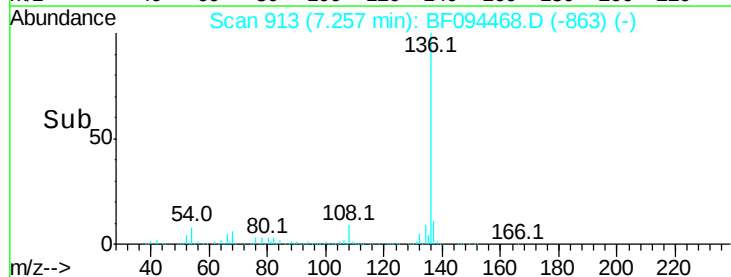
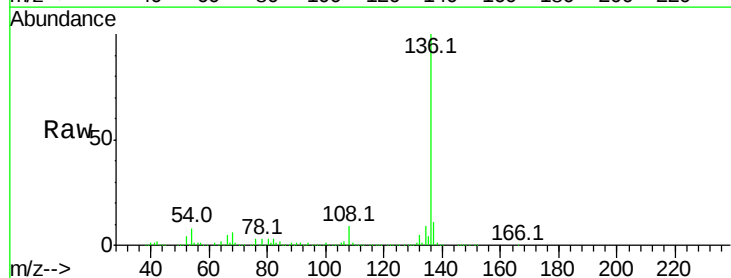
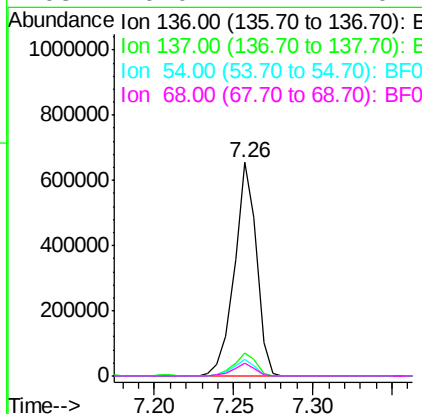
RT: 7.26 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF094468.D

Acq: 17 Apr 2017 23:53

Tgt Ion:	136	Resp:	628001
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	7.5	4.9	7.3#
68	6.0	4.1	6.1





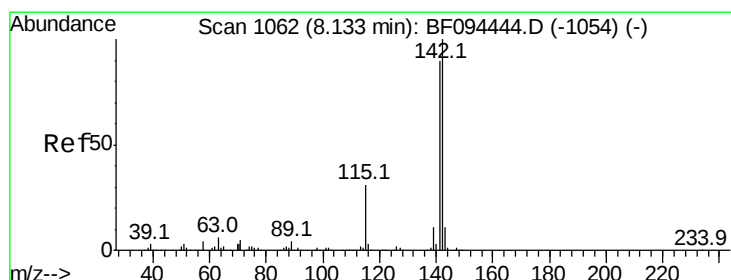
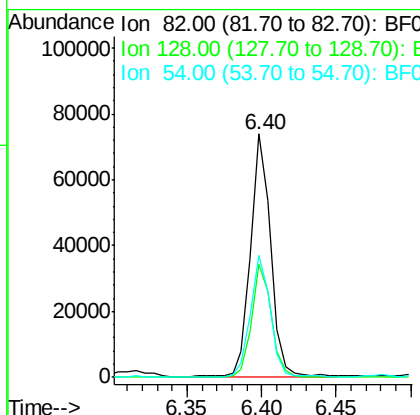
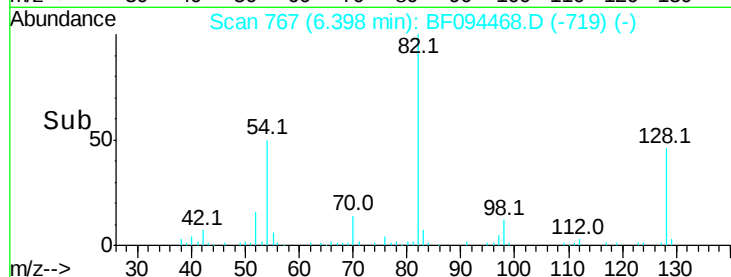
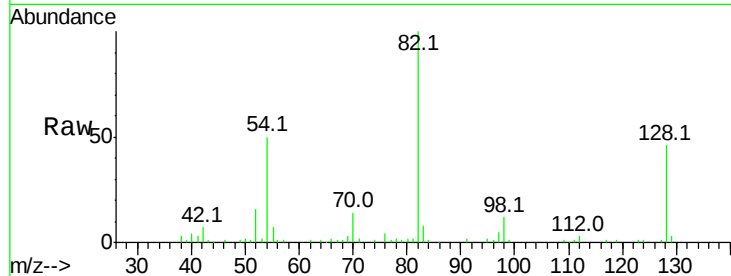
#23
 Nitrobenzene-d5
 Concen: 6.86 ng
 RT: 6.40 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF094468.D
 Acq: 17 Apr 2017 23:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-X10-BASE

Tot Ion:	82	Resp:	69771
Ion Ratio	Lower	Upper	
82	100		
128	46.3	34.0	51.0
54	49.9	42.2	63.2

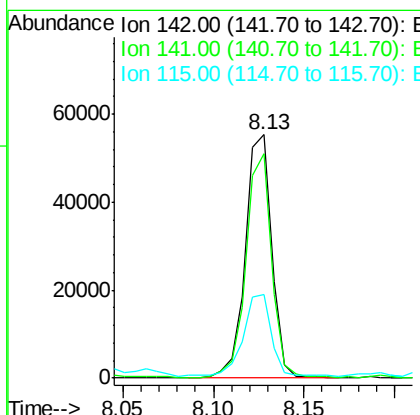
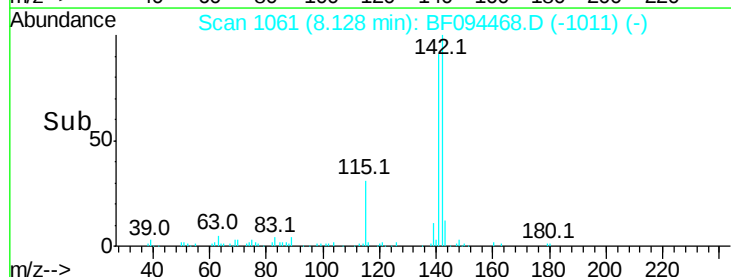
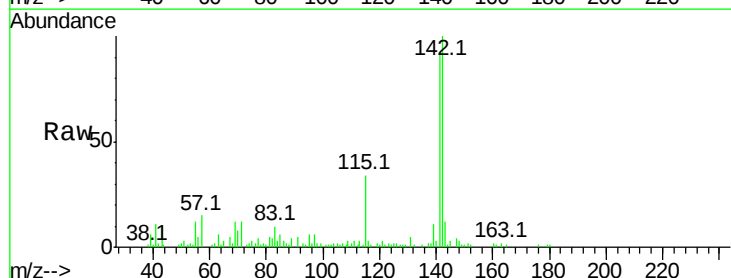
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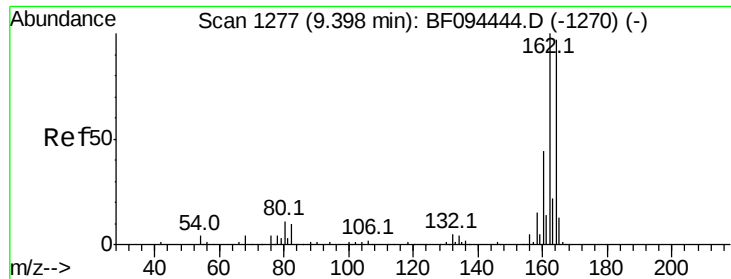
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#37
 2-Methylnaphthalene
 Concen: 2.72 ng
 RT: 8.13 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF094468.D
 Acq: 17 Apr 2017 23:53

Tgt Ion:	142	Resp:	56205
Ion Ratio	Lower	Upper	
142	100		
141	92.0	71.3	106.9
115	34.4	27.1	40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF094468.D

Acq: 17 Apr 2017 23:53

Instrument :

BNA_F

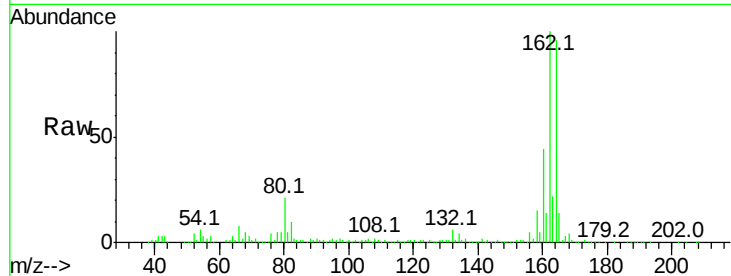
ClientSampleId :

E2-X10-BASE

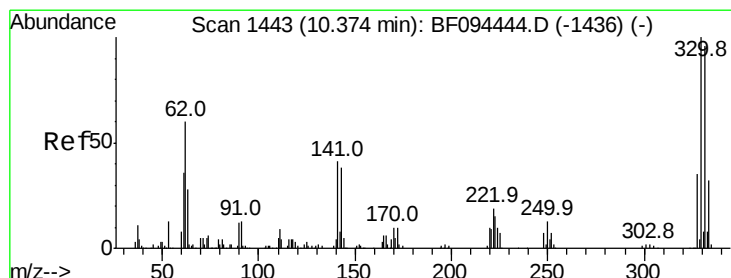
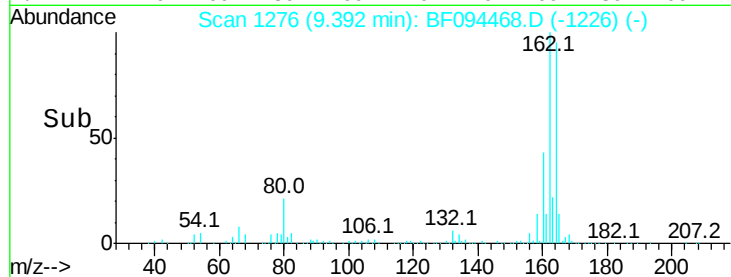
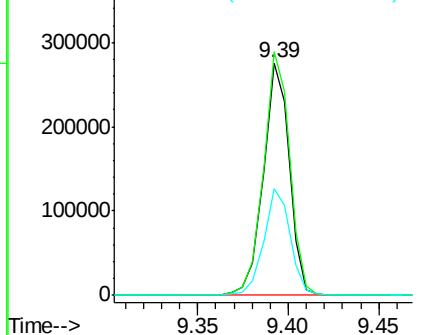
Tot Ion:	164	Resp:	275229
Ion Ratio	Lower	Upper	
164	100		
162	104.6	82.6	123.8
160	45.7	36.2	54.2

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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: 8.94 ng

RT: 10.36 min Scan# 1441

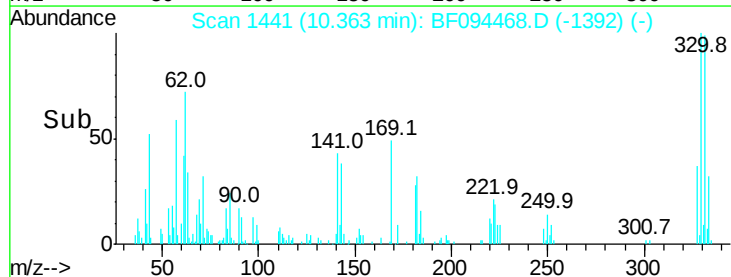
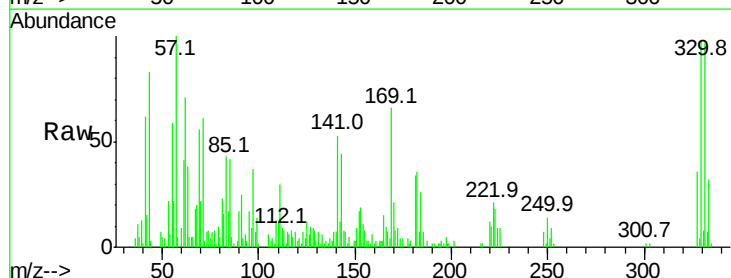
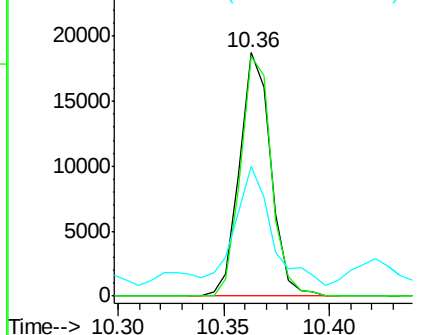
Delta R.T. -0.01 min

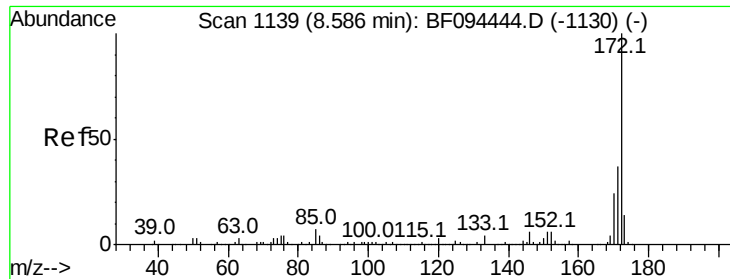
Lab File: BF094468.D

Acq: 17 Apr 2017 23:53

Tgt Ion:	330	Resp:	19241
Ion Ratio	Lower	Upper	
330	100		
332	97.7	76.6	115.0
141	56.7	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: 7.00 ng

RT: 8.58 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF094468.D

Acq: 17 Apr 2017 23:53

Instrument :

BNA_F

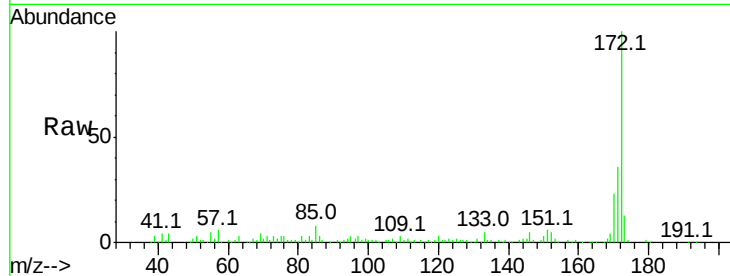
ClientSampleId :

E2-X10-BASE

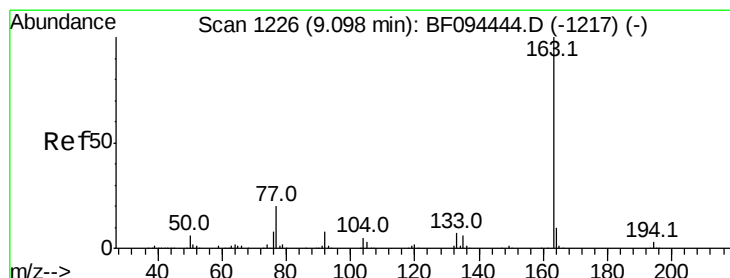
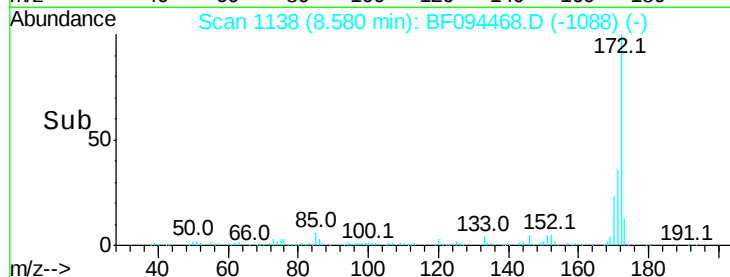
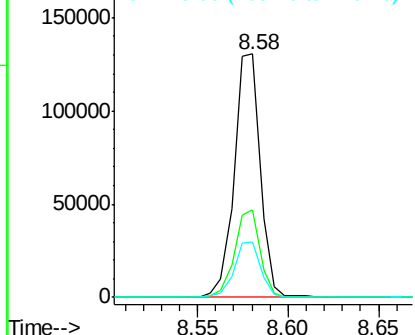
Tot Ion:	172	Resp:	130967
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	22.6	19.8	29.8

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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 2.35 ng

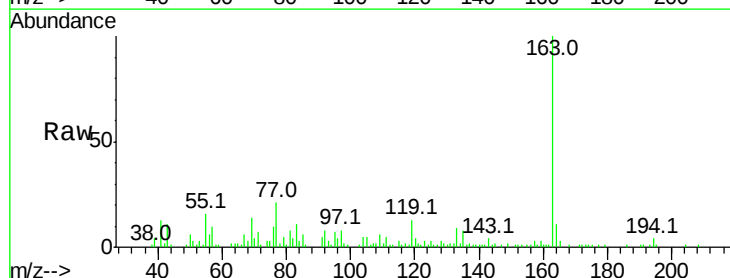
RT: 9.08 min Scan# 1223

Delta R.T. -0.02 min

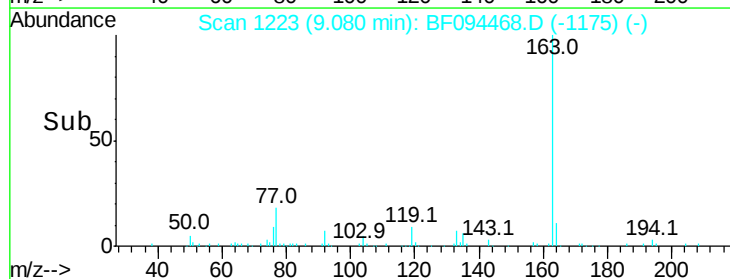
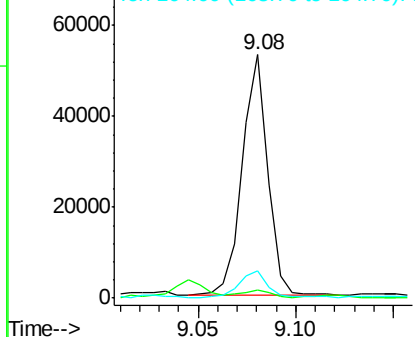
Lab File: BF094468.D

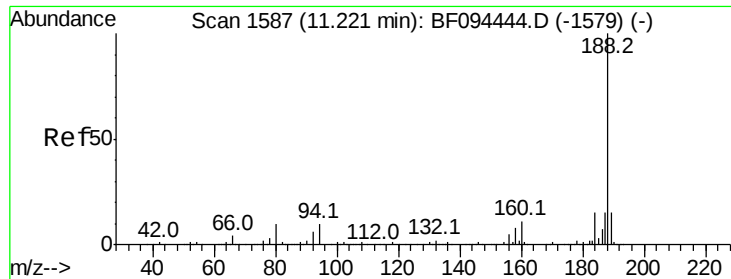
Acq: 17 Apr 2017 23:53

Tgt Ion:	163	Resp:	48103
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	11.3	8.4	12.6



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: 20.00 ng

RT: 11.22 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF094468.D

Acq: 17 Apr 2017 23:53

Instrument :

BNA_F

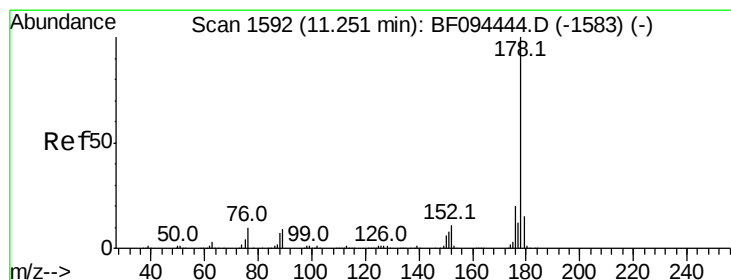
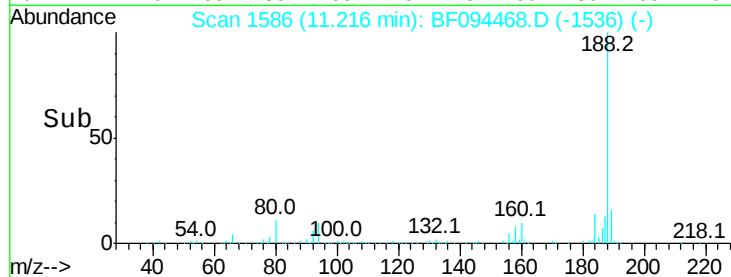
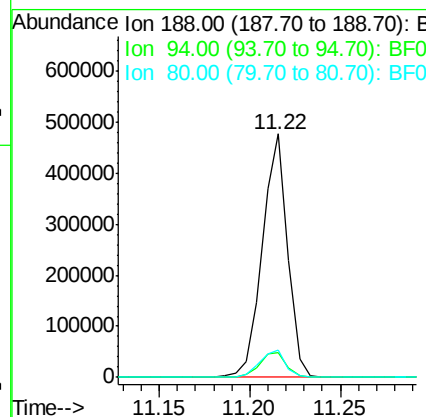
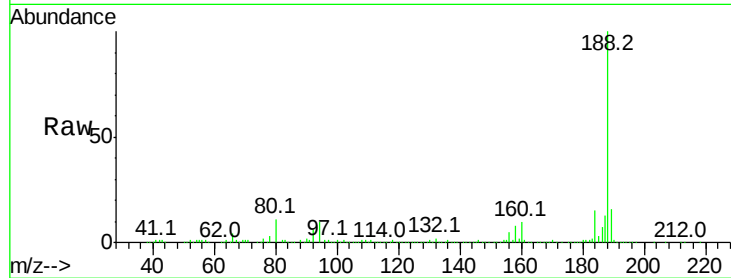
ClientSampleId :

E2-X10-BASE

Tot Ion	Ratio	Resp	Lower	Upper
188	100	460559		
94	10.3		9.4	14.2
80	11.0		10.2	15.2

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#70

Phenanthrene

Concen: 2.49 ng

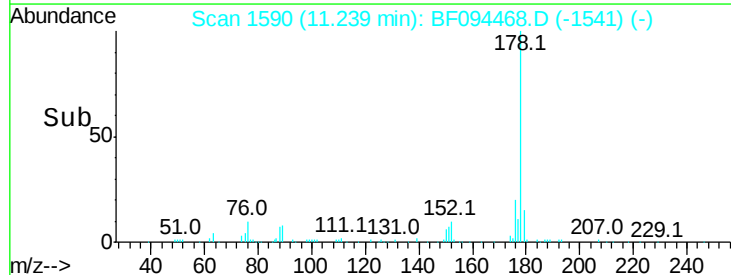
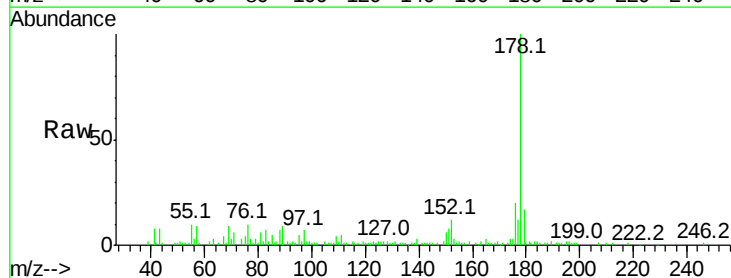
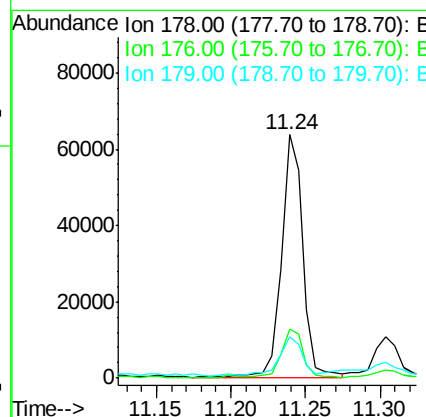
RT: 11.24 min Scan# 1590

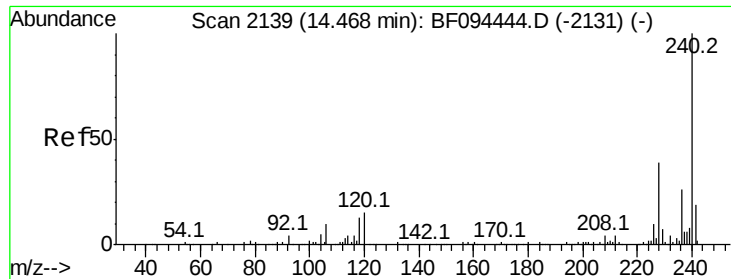
Delta R.T. -0.01 min

Lab File: BF094468.D

Acq: 17 Apr 2017 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	64646		
176	20.1		16.2	24.4
179	16.7		12.6	19.0





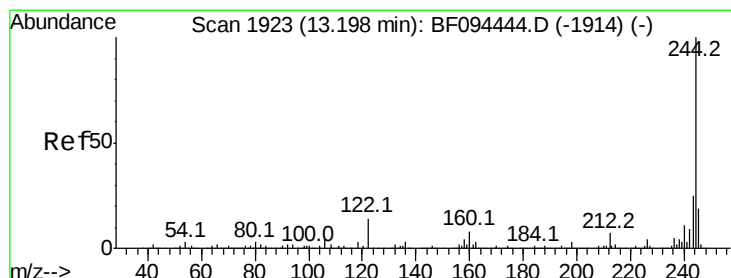
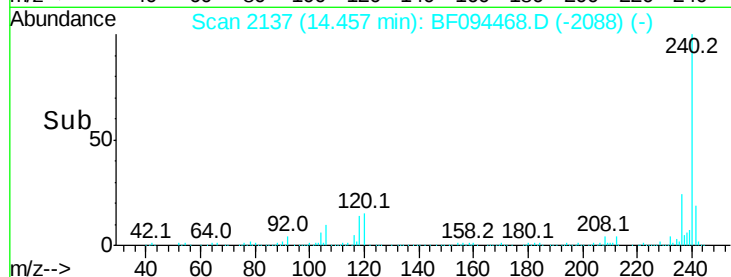
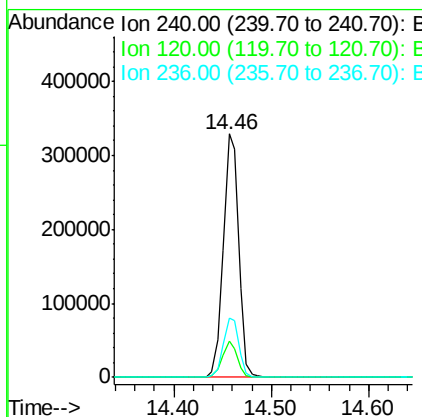
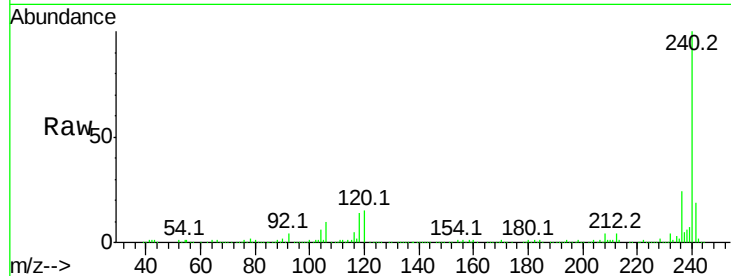
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BF094468.D
 Acq: 17 Apr 2017 23:53

Instrument :
 BNA_F
 ClientSampleId :
 E2-X10-BASE

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.0	5.8	8.8#	
236	24.3	20.5	30.7	

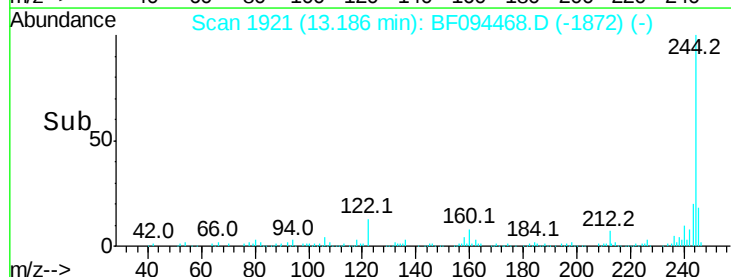
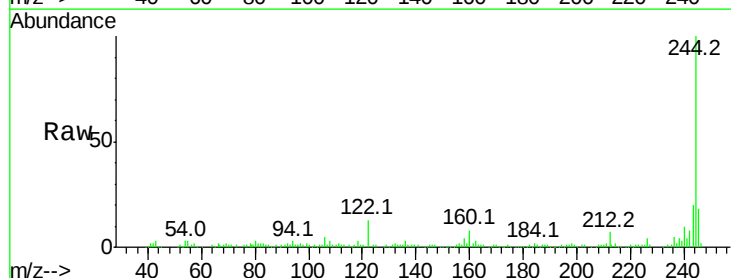
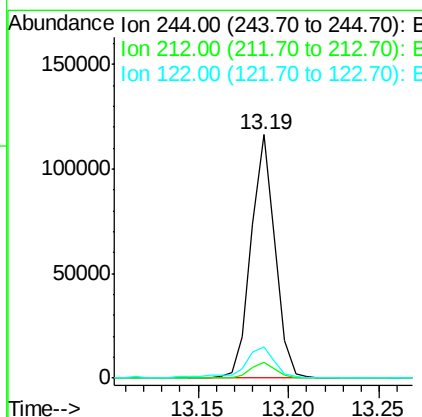
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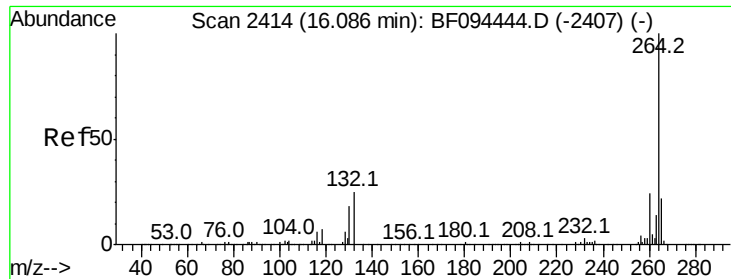
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#78
 Terphenyl-d14
 Concen: 7.90 ng
 RT: 13.19 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF094468.D
 Acq: 17 Apr 2017 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	6.0	9.0	
122	12.8	10.3	15.5	





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :
E2-X10-BASE

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.4	17.2	25.8

Manual Integrations
APPROVED

mohammad
4/18/2017 4:55:51 PM

