

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094479.D
 Acq On : 18 Apr 2017 6:18
 Operator : SJ/MA
 Sample : I2707-04 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-XY67-BASE

Manual Integrations
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Quant Time: Apr 18 07:02:04 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	139309	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	577295	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	254097	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	417237	20.00	ng	0.00
75) Chrysene-d12	14.46	240	277802	20.00	ng	-0.01
86) Perylene-d12	16.09	264	245896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	81553	9.71	ng	0.00
7) Phenol-d6	5.37	99	99399	10.04	ng	-0.02
23) Nitrobenzene-d5	6.40	82	36626	3.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.37	330	7781	3.91	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	127724	7.40	ng	0.00
78) Terphenyl-d14	13.19	244	80500	7.75	ng	-0.01
Target Compounds						Qvalue
74) Fluoranthene	12.70	202	98458	4.04	ng	97
77) Pyrene	12.97	202	95001	4.89	ng	98
80) Benzo(a)anthracene	14.45	228	43359	2.69	ng	99
82) Chrysene	14.49	228	45413	3.08	ng	96
85) Indeno(1,2,3-cd)pyrene	17.35	276	30451	2.17	ng	93
87) Benzo(b)fluoranthene	15.68	252	69663m	4.63	ng	
89) Benzo(a)pyrene	16.03	252	50915	3.64	ng	99
91) Benzo(g,h,i)perylene	17.72	276	38096	3.22	ng	97

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

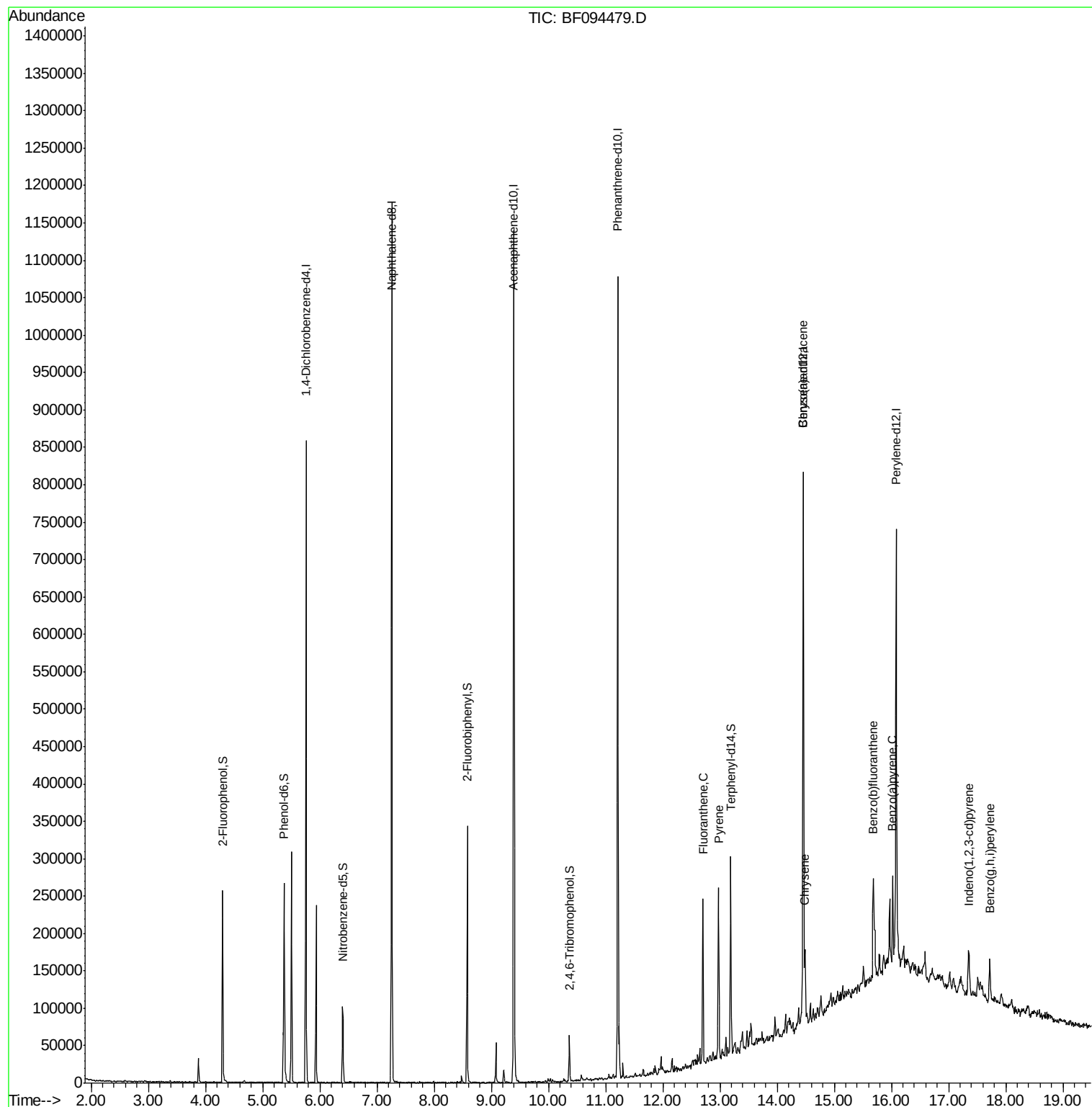
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
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Misc :
ALS Vial : 29 Sample Multiplier: 1

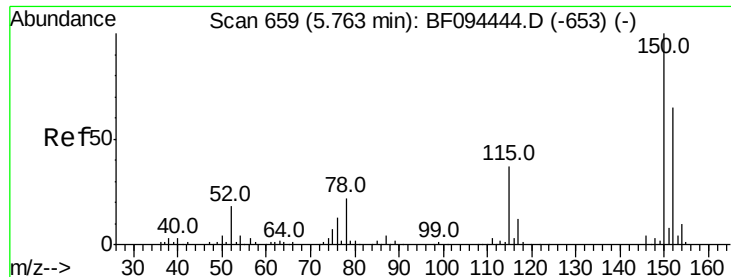
Instrument :
BNA_F
ClientSampleId :
E2-XY67-BASE

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Quant Time: Apr 18 07:02:04 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

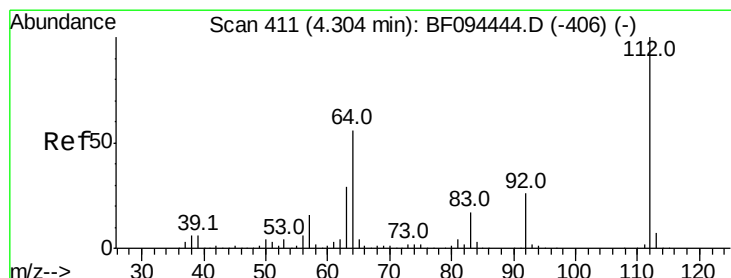
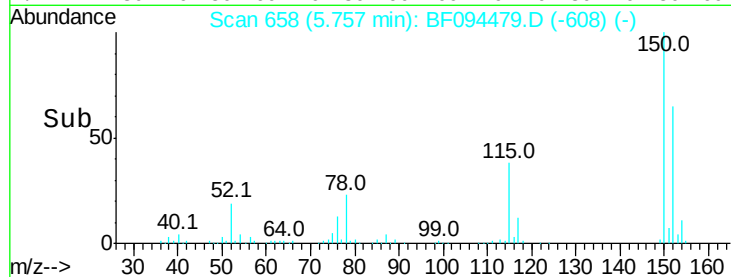
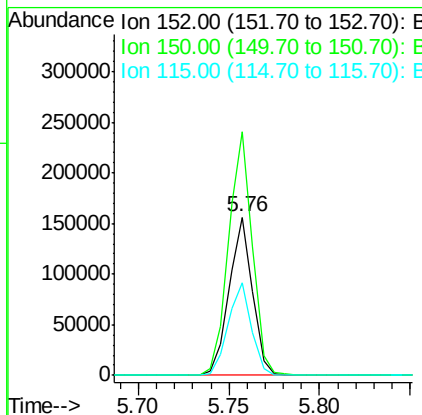
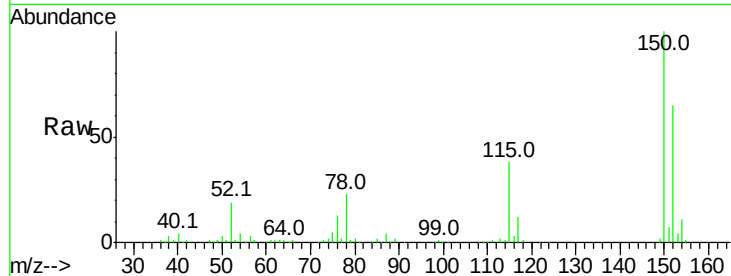
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094479.D
Acq: 18 Apr 2017 6:18

Instrument :
BNA_F
ClientSampleId :
E2-XY67-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.2	189.2
115	58.4	52.2	78.2

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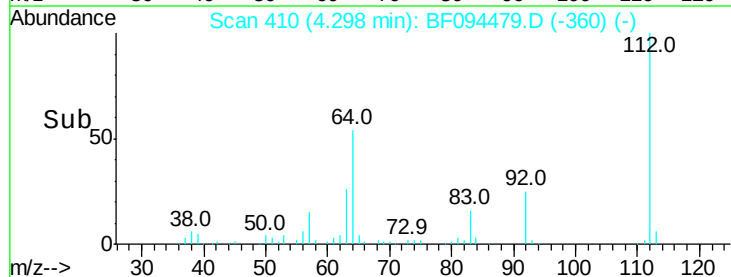
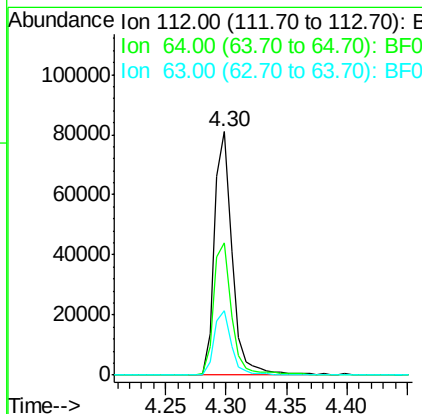
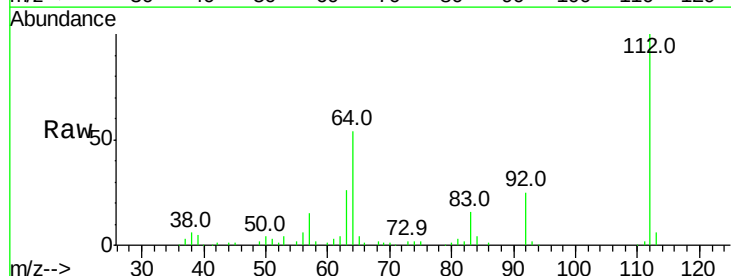
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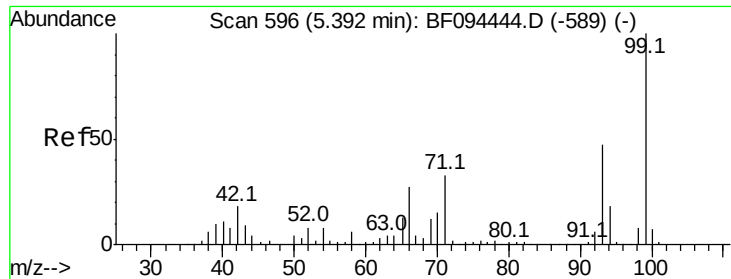


#5

2-Fluorophenol
Concen: 9.71 ng
RT: 4.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF094479.D
Acq: 18 Apr 2017 6:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.0	69.0
63	26.2	23.4	35.0





#7

Phenol-d6

Concen: 10.04 ng

RT: 5.37 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF094479.D

Acq: 18 Apr 2017 6:18

Instrument :

BNA_F

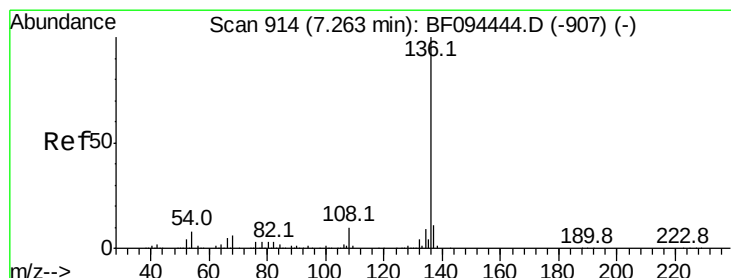
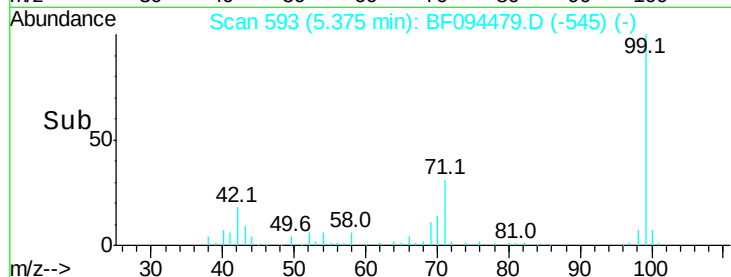
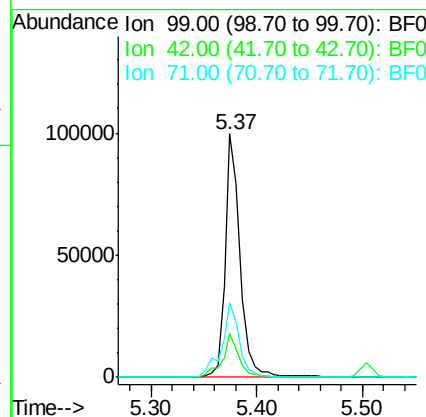
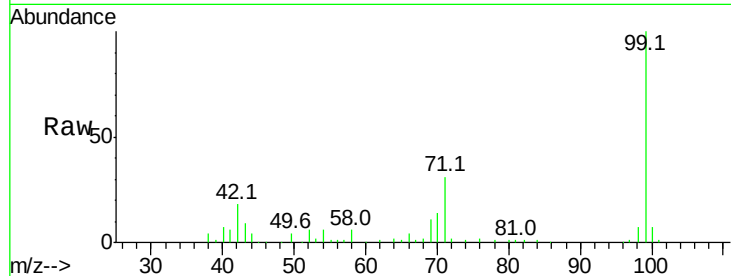
ClientSampled :

E2-XY67-BASE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	99	100	99399		
42	42	18.1		13.5	20.3
71	71	30.7		24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

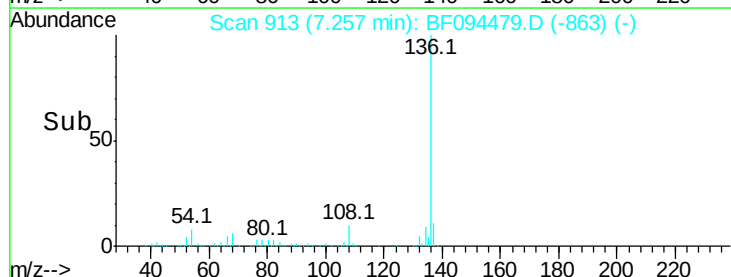
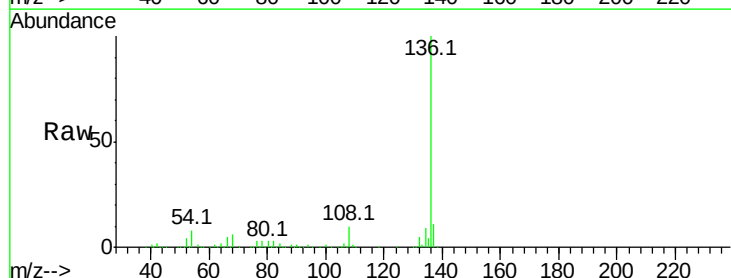
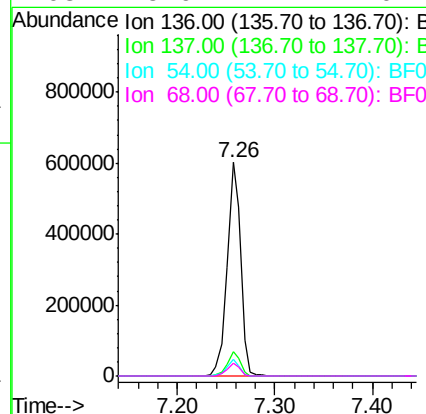
RT: 7.26 min Scan# 913

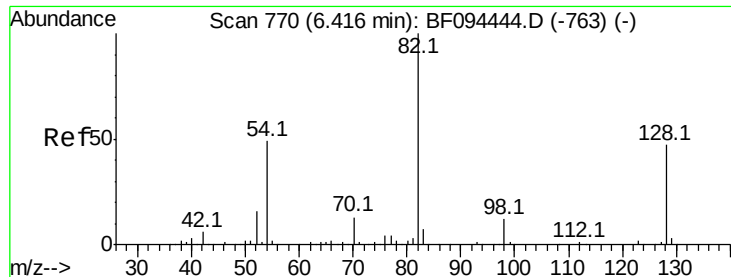
Delta R.T. -0.01 min

Lab File: BF094479.D

Acq: 18 Apr 2017 6:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	577295		
137	137	11.2		8.5	12.7
54	54	7.8		4.9	7.3#
68	68	5.9		4.1	6.1





#23

Nitrobenzene-d5

Concen: 3.92 ng

RT: 6.40 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF094479.D

Acq: 18 Apr 2017 6:18

Instrument :

BNA_F

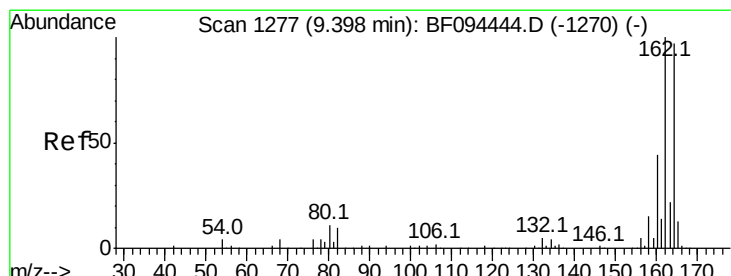
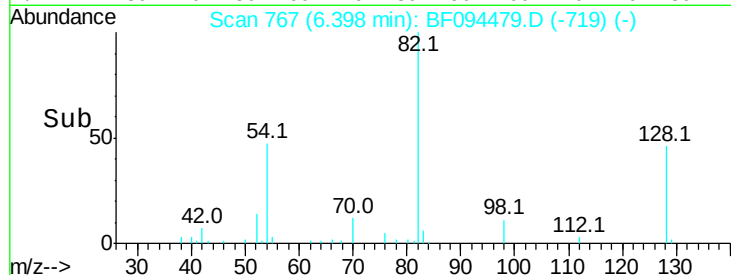
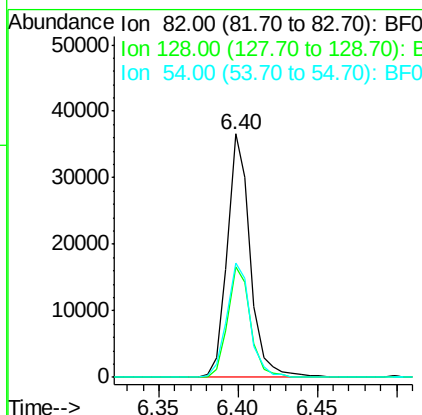
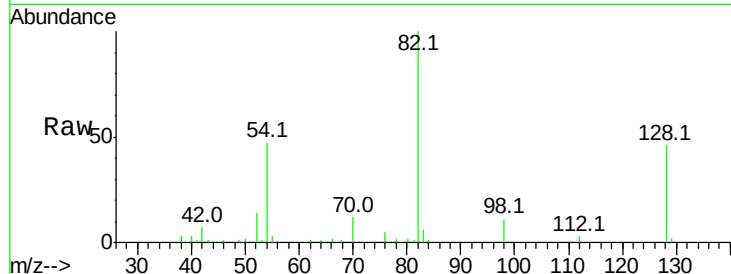
ClientSampleId :

E2-XY67-BASE

Tot Ion:	82	Resp:	36626
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.0	51.0
54	46.9	42.2	63.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

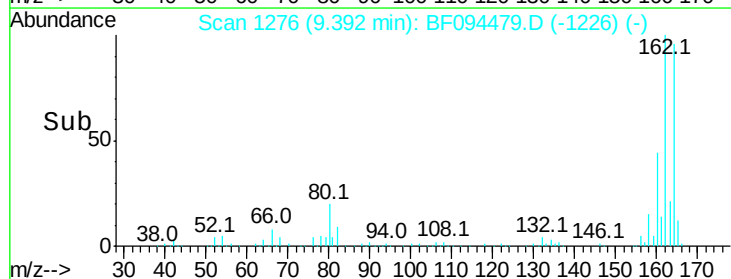
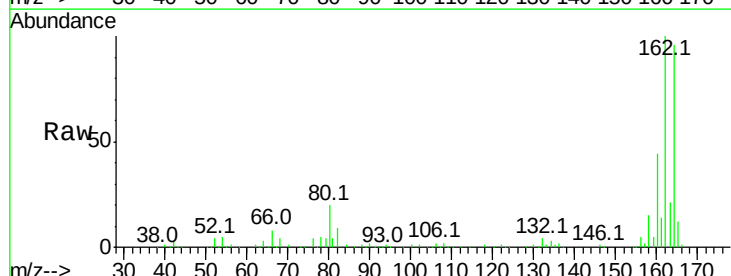
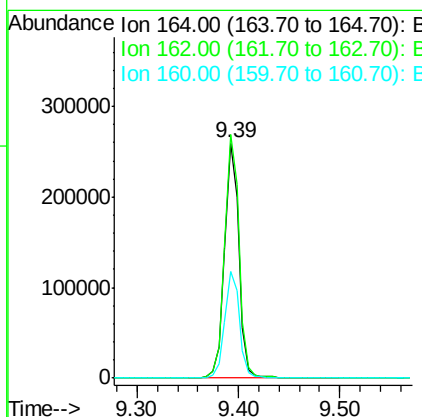
RT: 9.39 min Scan# 1276

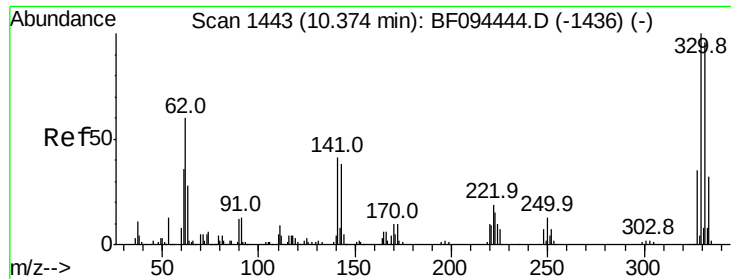
Delta R.T. -0.01 min

Lab File: BF094479.D

Acq: 18 Apr 2017 6:18

Tgt Ion:	164	Resp:	254097
Ion Ratio	Lower	Upper	
164	100		
162	103.7	82.6	123.8
160	45.4	36.2	54.2





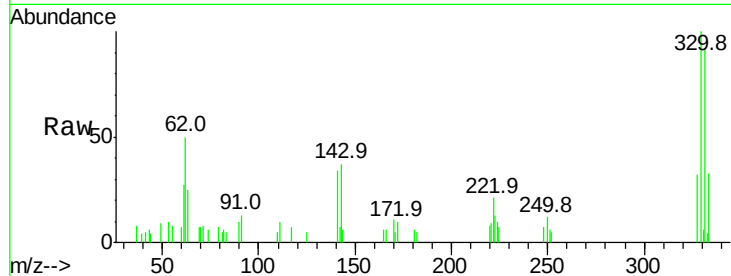
#41
 2,4,6-Tribromophenol
 Concen: 3.91 ng
 RT: 10.37 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF094479.D
 Acq: 18 Apr 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-XY67-BASE

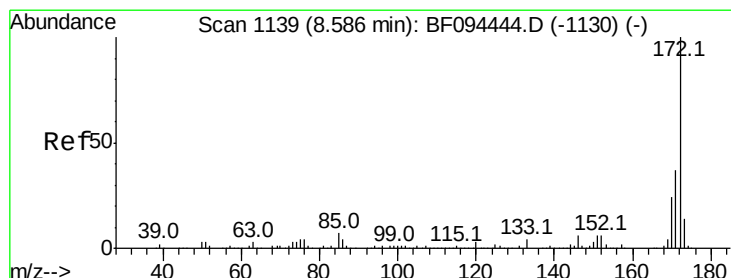
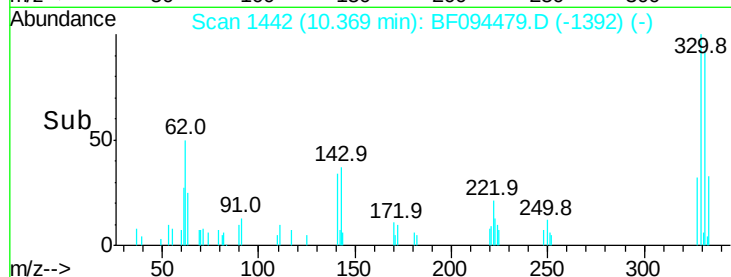
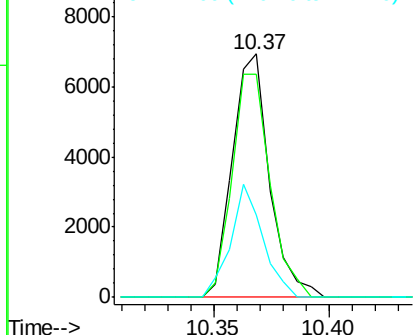
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	40.4	31.4	47.2

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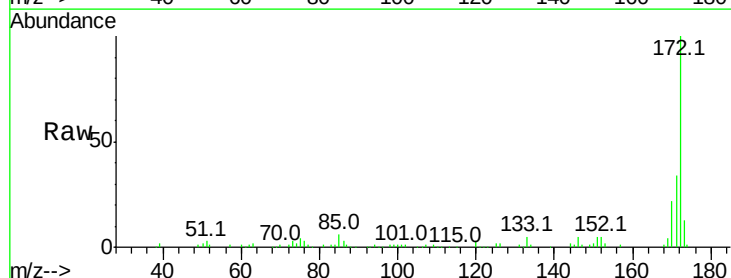


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

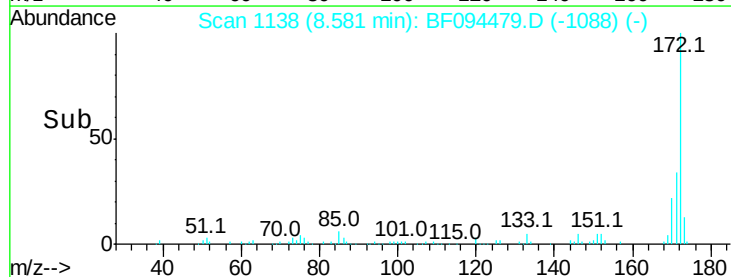
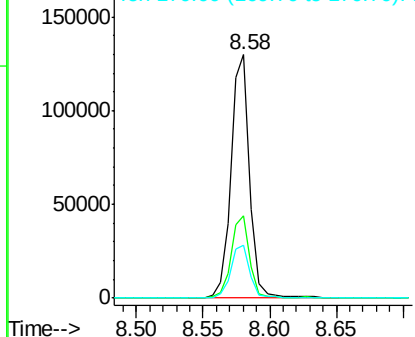


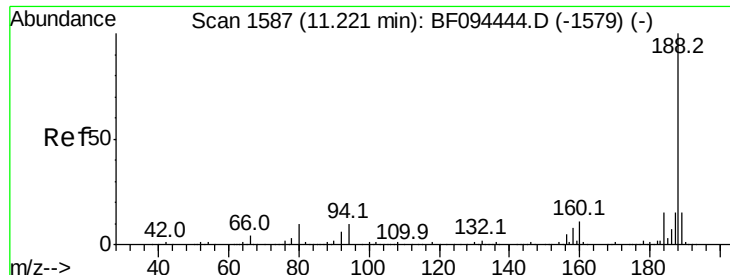
#44
 2-Fluorobiphenyl
 Concen: 7.40 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094479.D
 Acq: 18 Apr 2017 6:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.6	44.4
170	22.0	19.8	29.8



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





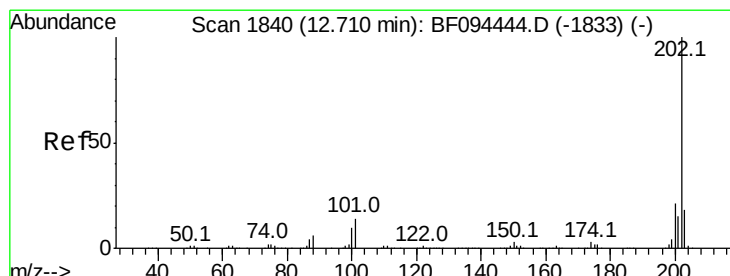
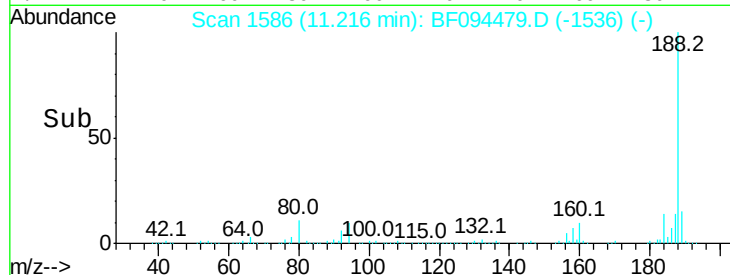
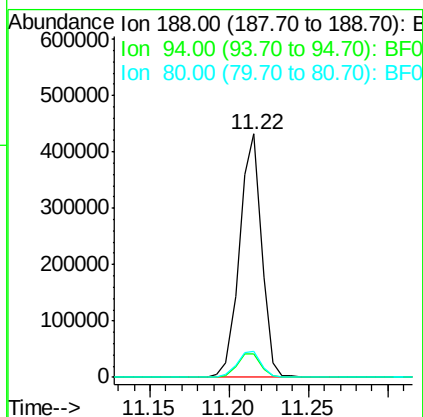
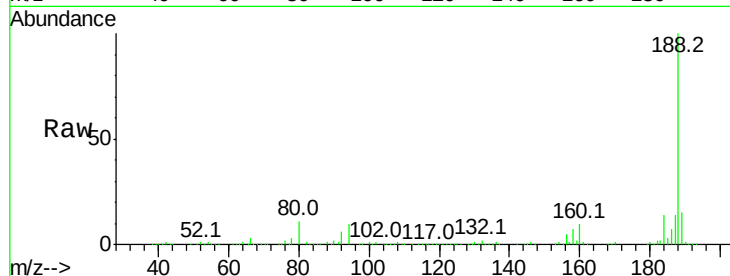
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094479.D
Acq: 18 Apr 2017 6:18

Instrument :
BNA_F
ClientSampleId :
E2-XY67-BASE

Tot Ion	Ratio	Resp	Lower	Upper
188	100	417237		
94	9.8		9.4	14.2
80	10.6		10.2	15.2

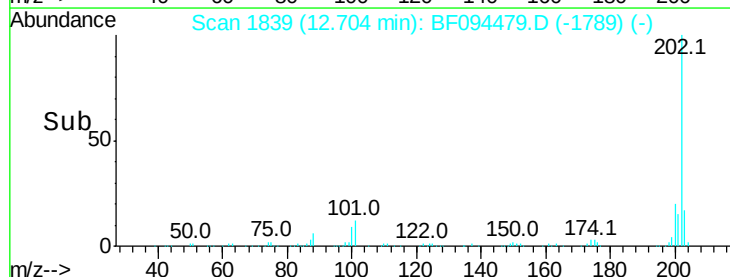
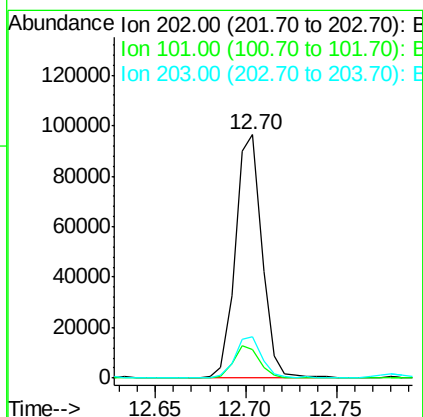
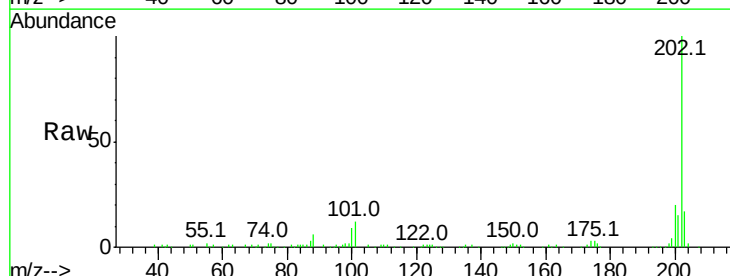
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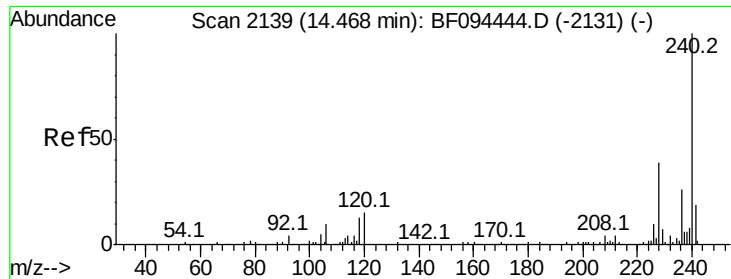
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#74
Fluoranthene
Concen: 4.04 ng
RT: 12.70 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF094479.D
Acq: 18 Apr 2017 6:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	98458		
101	12.0		0.0	33.2
203	17.1		0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BF094479.D

Acq: 18 Apr 2017 6:18

Instrument :

BNA_F

ClientSampleId :

E2-XY67-BASE

Tot Ion:240 Resp: 277802

Ion Ratio Lower Upper

240 100

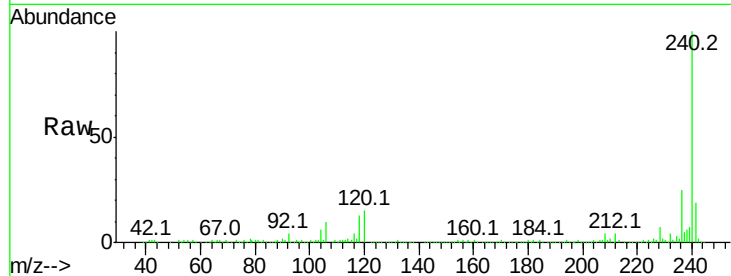
120 14.7 5.8 8.8#

236 25.0 20.5 30.7

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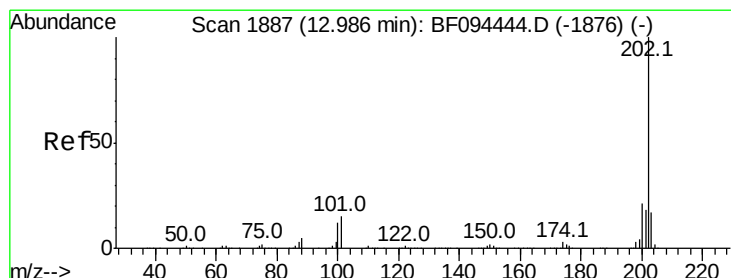
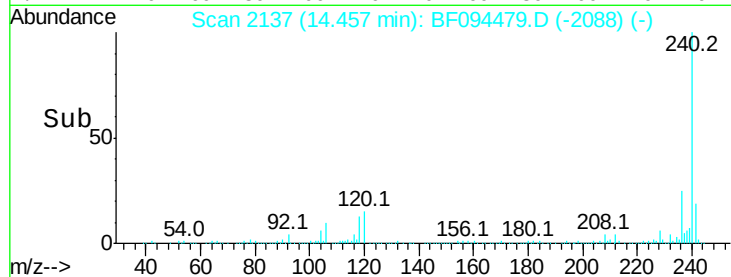
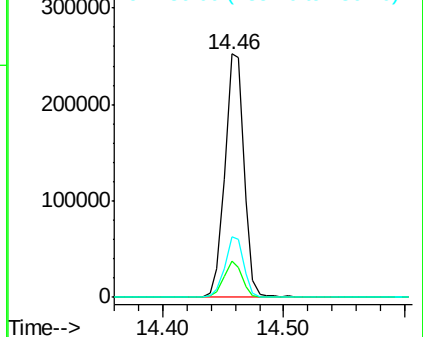
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.89 ng

RT: 12.97 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BF094479.D

Acq: 18 Apr 2017 6:18

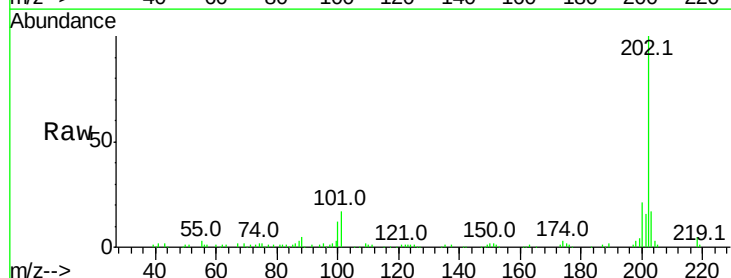
Tgt Ion:202 Resp: 95001

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

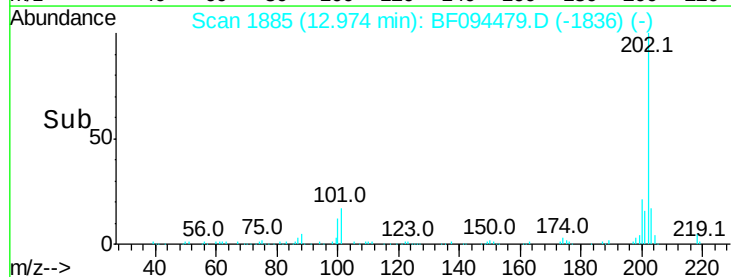
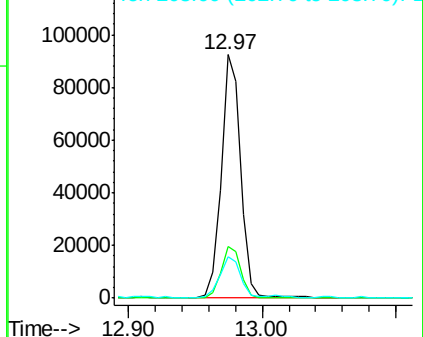
203 17.1 14.4 21.6

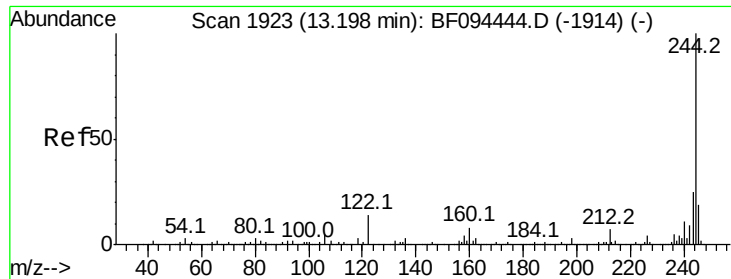


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 7.75 ng

RT: 13.19 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BF094479.D

Acq: 18 Apr 2017 6:18

Instrument :

BNA_F

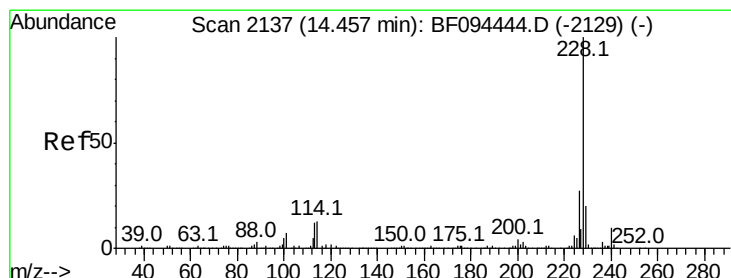
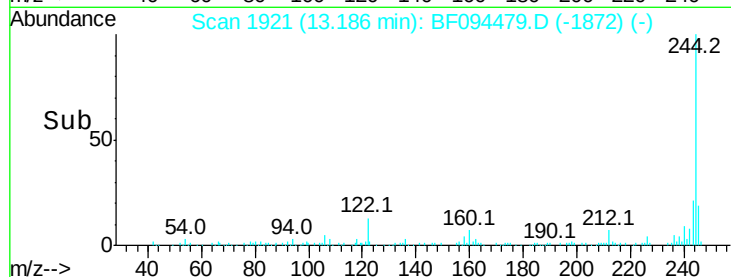
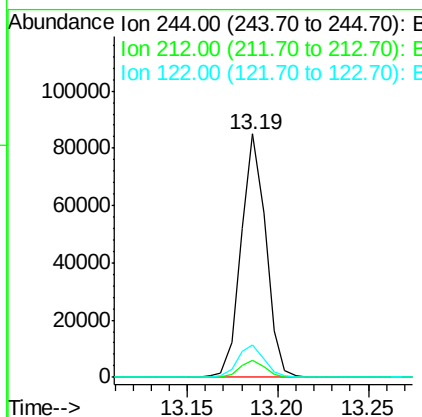
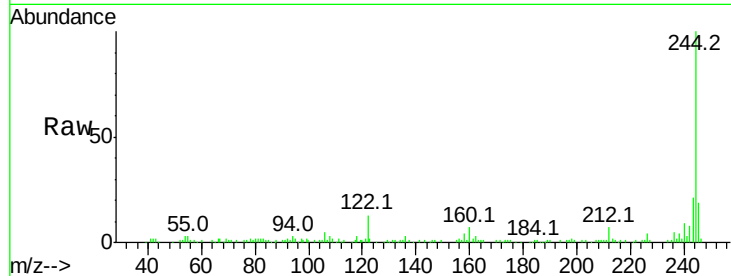
ClientSampleId :

E2-XY67-BASE

Tot Ion:	244	Resp:	80500
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	13.2	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 2.69 ng

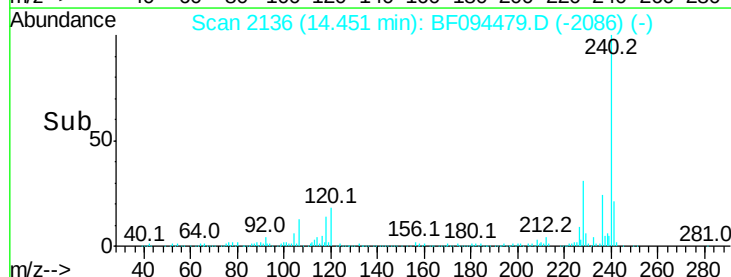
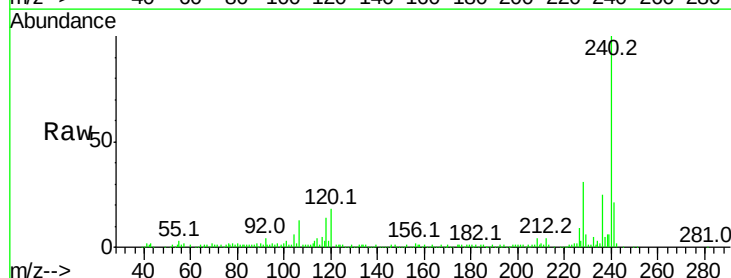
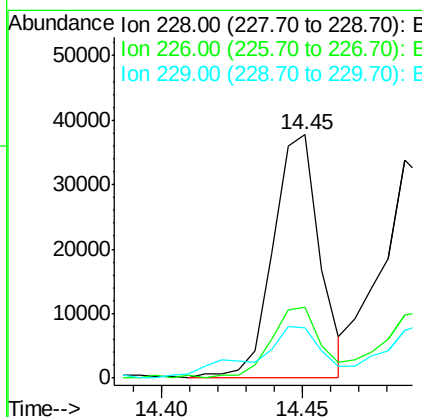
RT: 14.45 min Scan# 2136

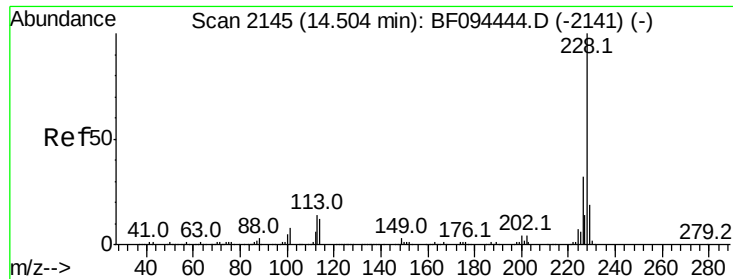
Delta R.T. -0.01 min

Lab File: BF094479.D

Acq: 18 Apr 2017 6:18

Tgt Ion:	228	Resp:	43359
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.6	33.8
229	20.9	16.3	24.5





#82

Chrysene

Concen: 3.08 ng

RT: 14.49 min Scan# 2142

Delta R.T. -0.02 min

Lab File: BF094479.D

Acq: 18 Apr 2017 6:18

Instrument :

BNA_F

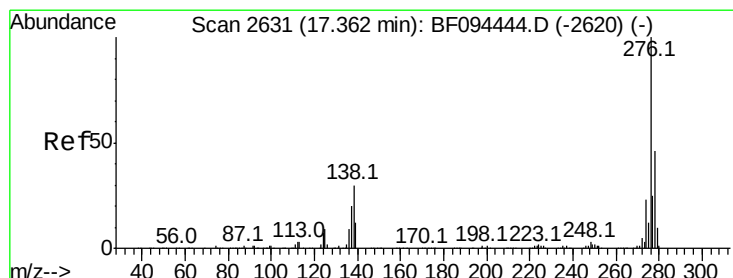
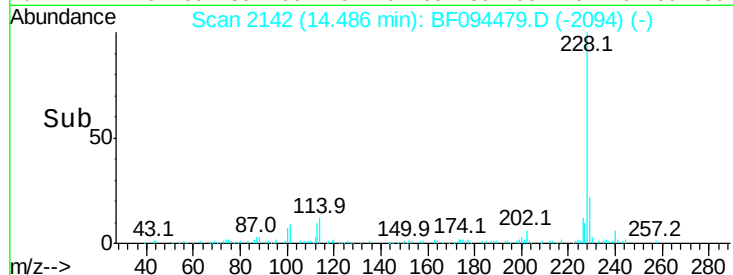
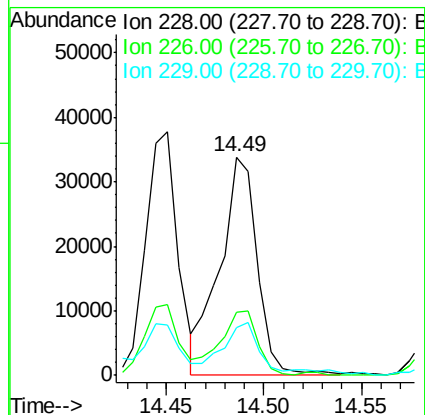
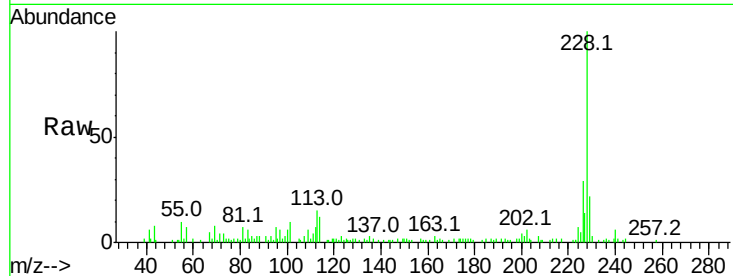
ClientSampleId :

E2-XY67-BASE

Tot Ion:	228	Resp:	45413
Ion Ratio	Lower	Upper	
228	100		
226	29.0	24.9	37.3
229	22.1	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.17 ng

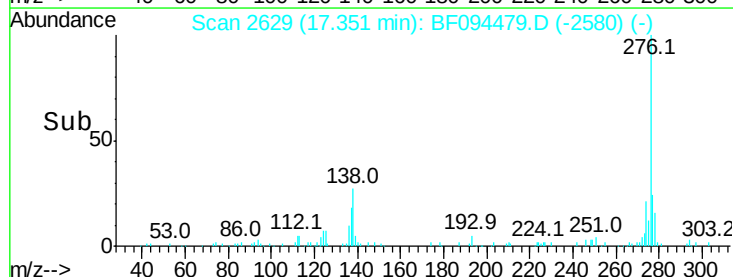
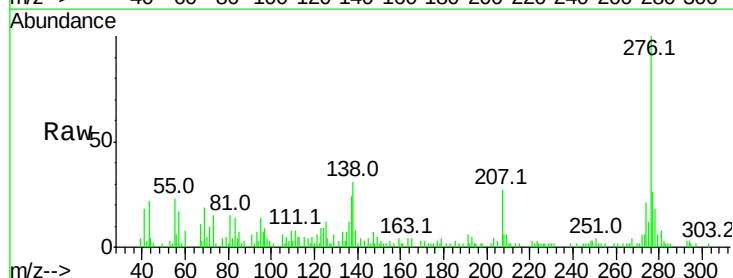
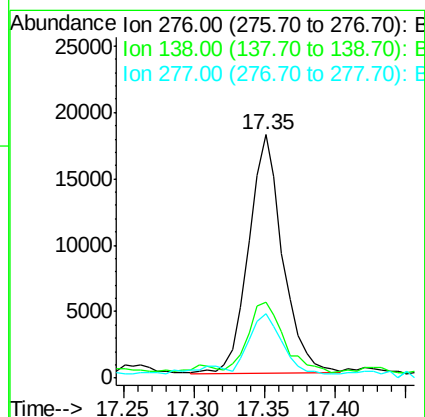
RT: 17.35 min Scan# 2629

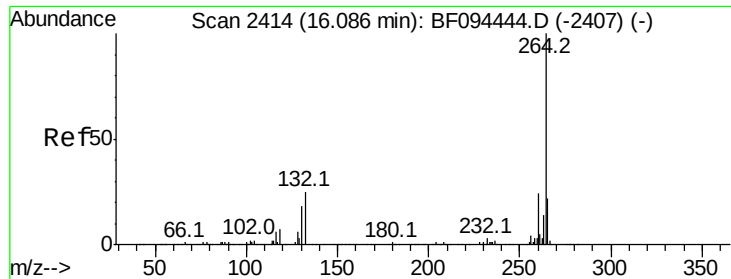
Delta R.T. -0.01 min

Lab File: BF094479.D

Acq: 18 Apr 2017 6:18

Tgt Ion:	276	Resp:	30451
Ion Ratio	Lower	Upper	
276	100		
138	30.9	27.8	41.6
277	28.7	20.2	30.4





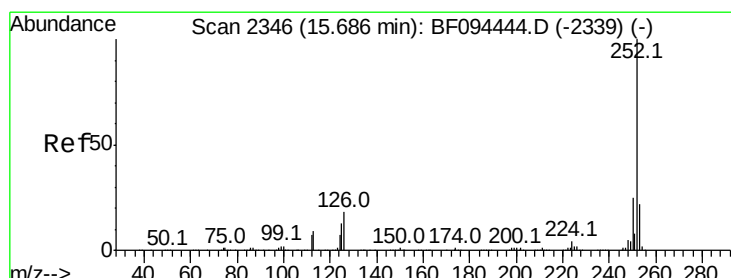
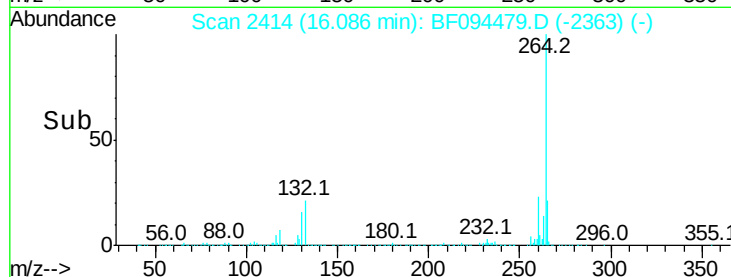
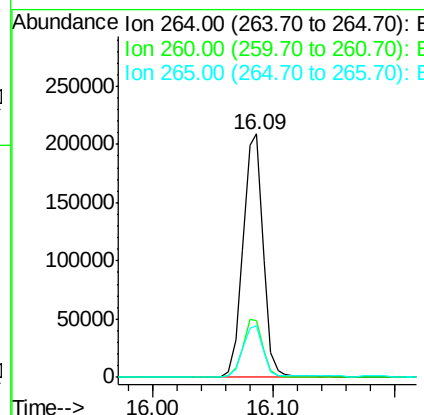
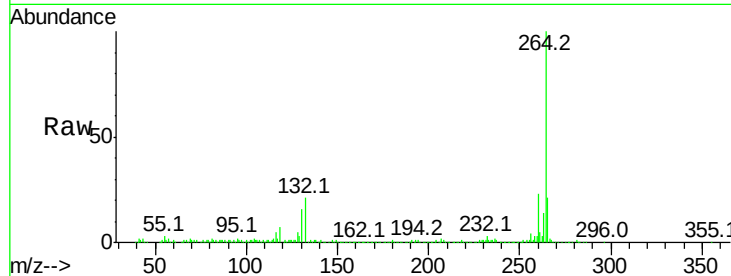
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BF094479.D
Acq: 18 Apr 2017 6:18

Instrument :
BNA_F
ClientSampleId :
E2-XY67-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.1	17.2	25.8

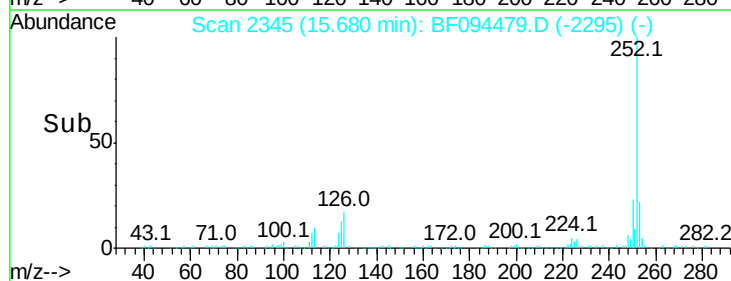
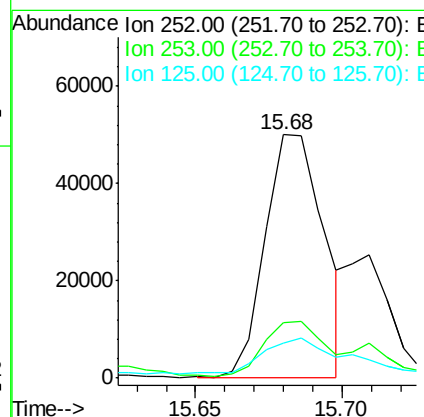
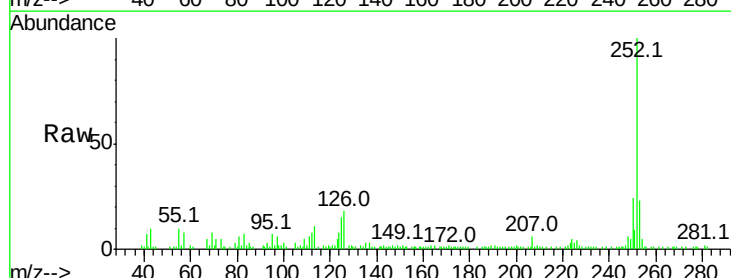
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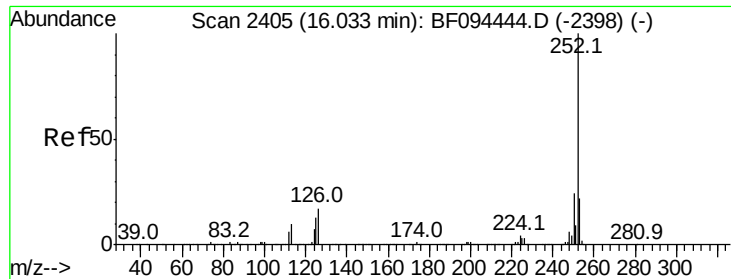
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#87
Benzo(b)fluoranthene
Concen: 4.63 ng m
RT: 15.68 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BF094479.D
Acq: 18 Apr 2017 6:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	14.5	9.8	14.8





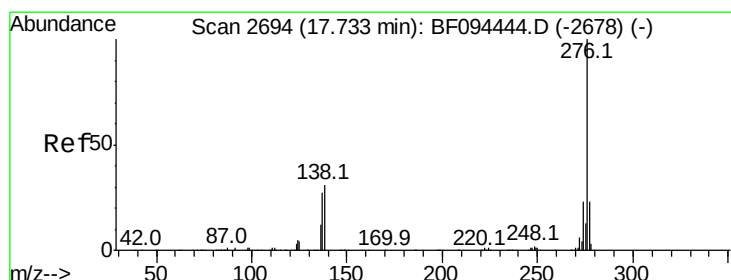
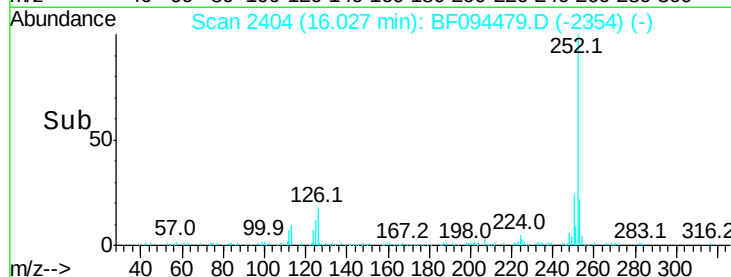
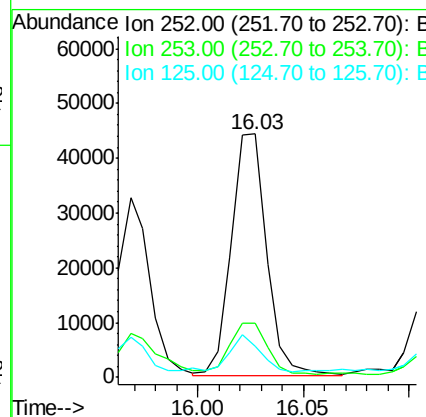
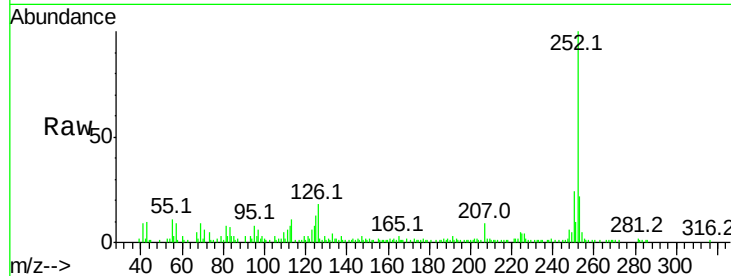
#89
Benzo(a)pyrene
Concen: 3.64 ng
RT: 16.03 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094479.D
Acq: 18 Apr 2017 6:18

Instrument :
BNA_F
ClientSampleId :
E2-XY67-BASE

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	13.0	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.22 ng
RT: 17.72 min Scan# 2692
Delta R.T. -0.01 min
Lab File: BF094479.D
Acq: 18 Apr 2017 6:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	29.5	25.4	38.0

