

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094469.D
 Acq On : 18 Apr 2017 00:21
 Operator : SJ/MA
 Sample : I2708-08 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y10-BASE

Manual Integrations
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mohammad
 4/18/2017 4:55:54 PM

Quant Time: Apr 18 04:48:35 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	151285	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	643705	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	274730	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	475138	20.00	ng	0.00
75) Chrysene-d12	14.46	240	322974	20.00	ng	0.00
86) Perylene-d12	16.08	264	270874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.29	112	122399	13.42	ng	-0.01
7) Phenol-d6	5.37	99	154684	14.39	ng	-0.02
23) Nitrobenzene-d5	6.40	82	91416	8.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	25498	11.87	ng	-0.01
44) 2-Fluorobiphenyl	8.58	172	172536	9.24	ng	0.00
78) Terphenyl-d14	13.19	244	117774	9.75	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.08	163	57605	2.81	ng	99
70) Phenanthrene	11.25	178	289401	10.82	ng	99
71) Anthracene	11.30	178	76341	2.76	ng	96
74) Fluoranthene	12.70	202	231753	8.36	ng	99
77) Pyrene	12.98	202	245455	10.88	ng	99
80) Benzo(a)anthracene	14.45	228	79610	4.24	ng	99
82) Chrysene	14.49	228	77554	4.52	ng	96
85) Indeno(1,2,3-cd)pyrene	17.34	276	36048	2.21	ng	# 87
87) Benzo(b)fluoranthene	15.68	252	71448m	4.31	ng	
89) Benzo(a)pyrene	16.02	252	56160	3.64	ng	98
91) Benzo(g,h,i)perylene	17.72	276	33633	2.58	ng	95

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

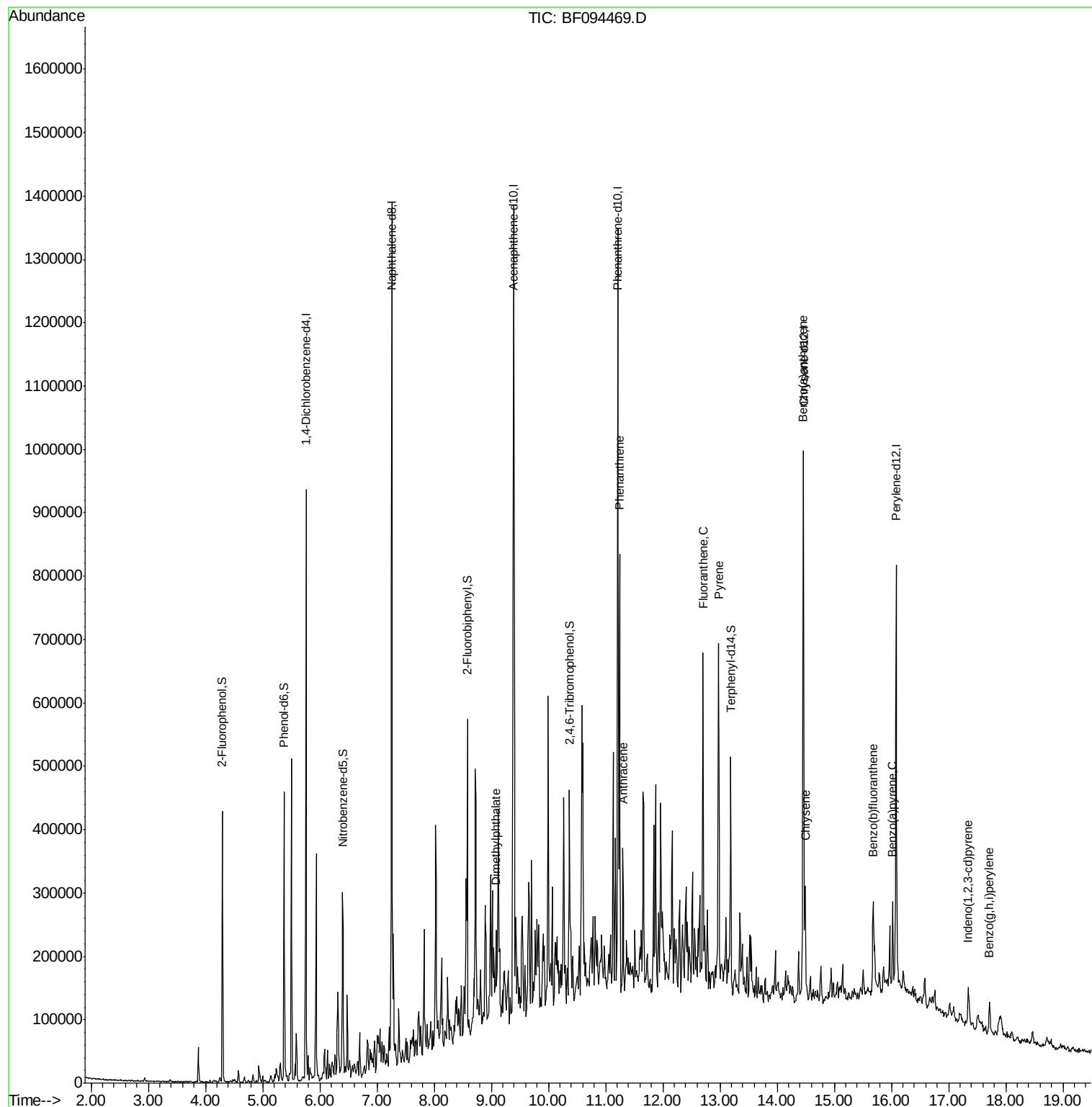
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094469.D
Acq On : 18 Apr 2017 00:21
Operator : SJ/MA
Sample : I2708-08 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

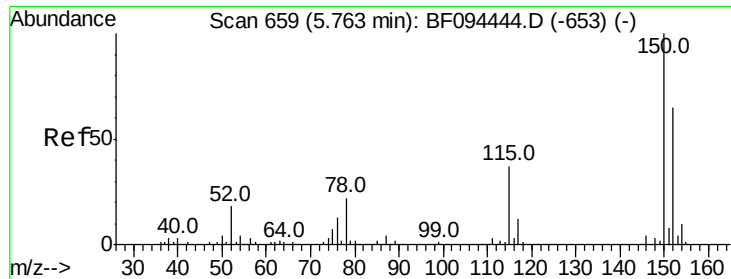
Instrument :
BNA_F
ClientSampleId :
E2-Y10-BASE

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#1

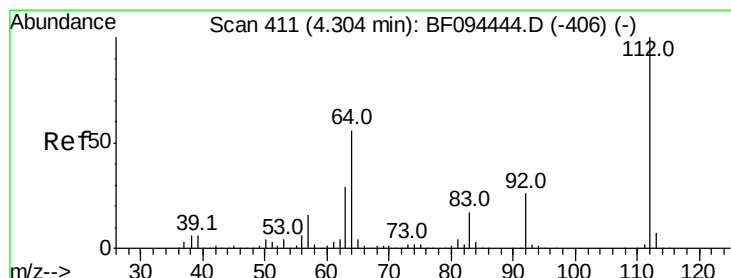
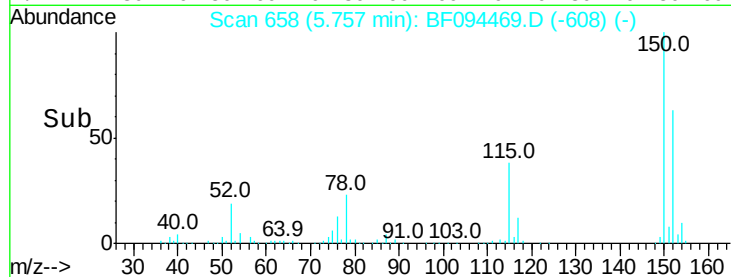
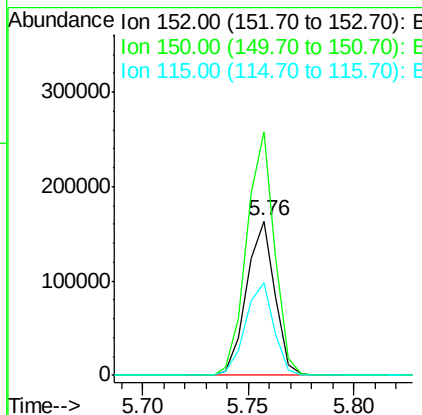
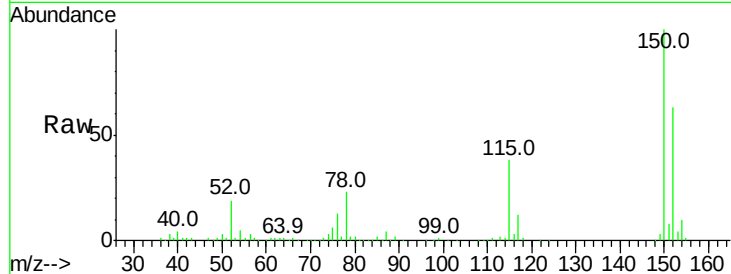
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094469.D
Acq: 18 Apr 2017 00:21

Instrument :
BNA_F
ClientSampleId :
E2-Y10-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	60.3	52.2	78.2

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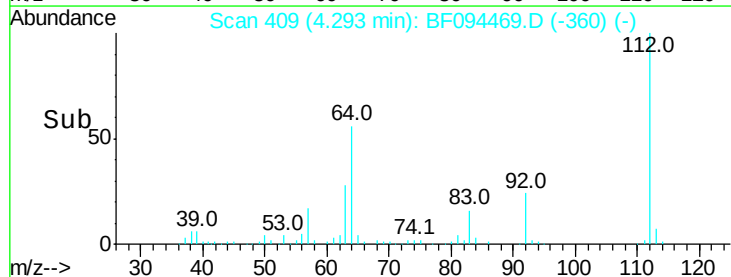
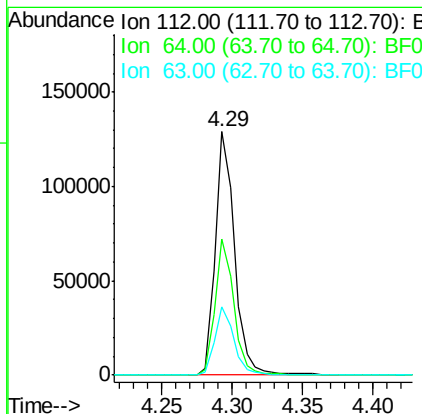
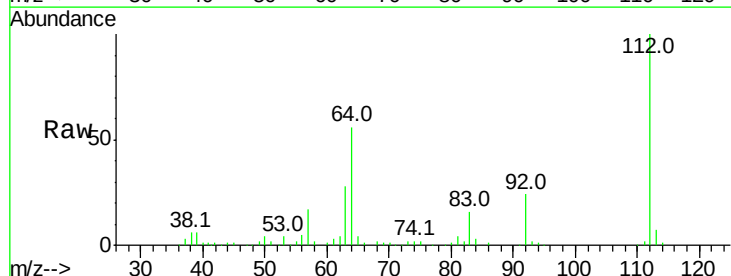
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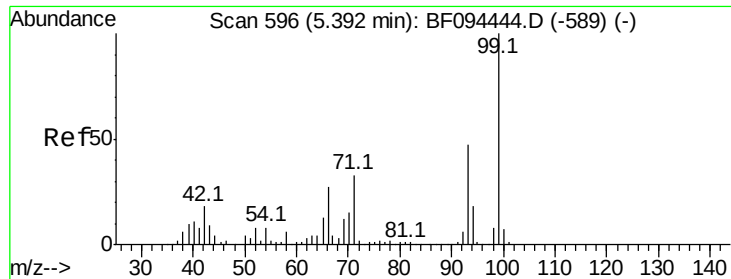


#5

2-Fluorophenol
Concen: 13.42 ng
RT: 4.29 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF094469.D
Acq: 18 Apr 2017 00:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.0	69.0
63	28.1	23.4	35.0





#7

Phenol-d6

Concen: 14.39 ng

RT: 5.37 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF094469.D

Acq: 18 Apr 2017 00:21

Instrument :

BNA_F

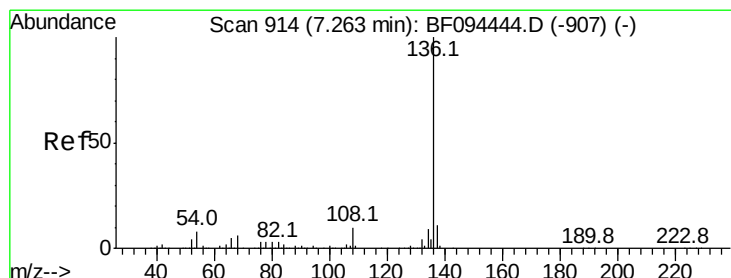
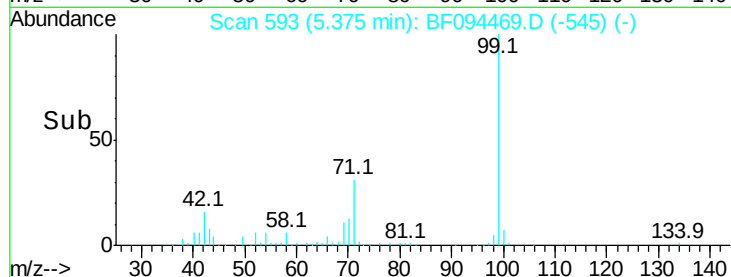
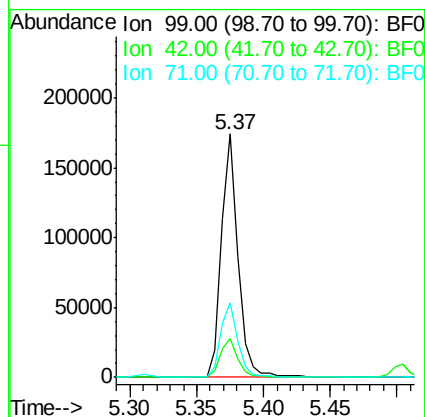
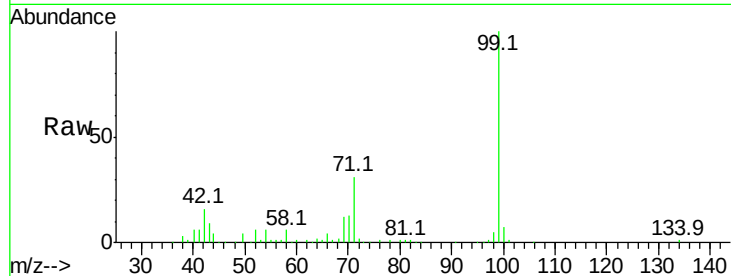
ClientSampleId :

E2-Y10-BASE

Tot Ion:	99	Resp:	154684
Ion Ratio	Lower	Upper	
99	100		
42	16.1	13.5	20.3
71	30.9	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

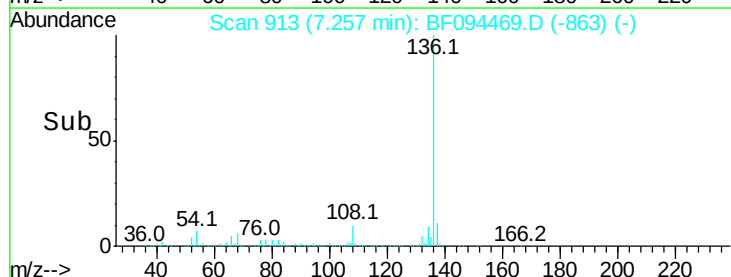
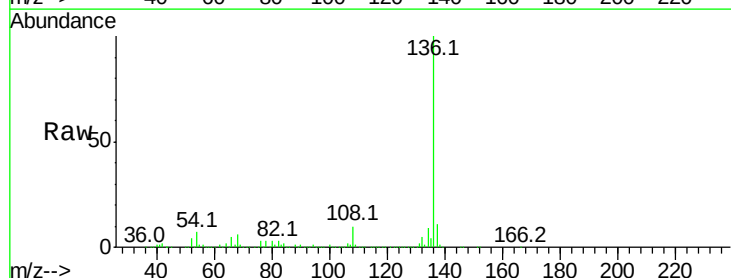
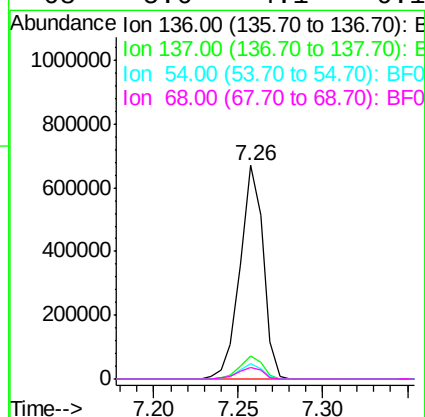
RT: 7.26 min Scan# 913

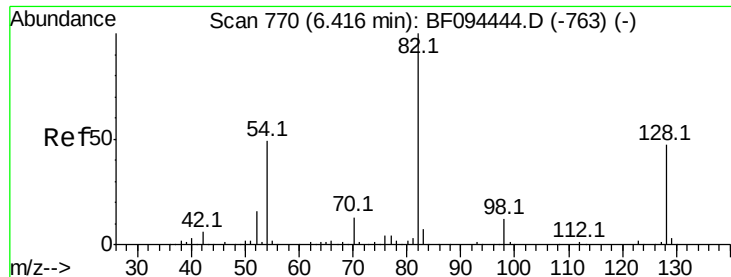
Delta R.T. -0.01 min

Lab File: BF094469.D

Acq: 18 Apr 2017 00:21

Tgt Ion:	136	Resp:	643705
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	7.5	4.9	7.3#
68	5.6	4.1	6.1





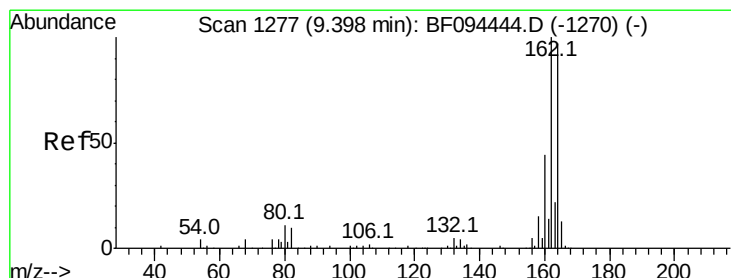
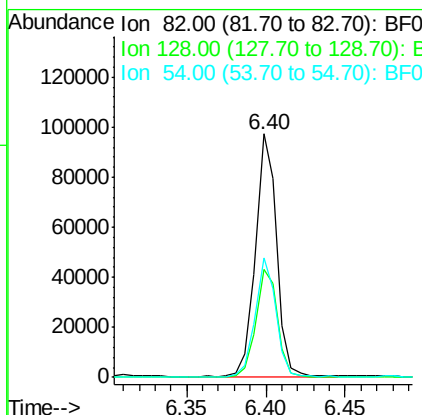
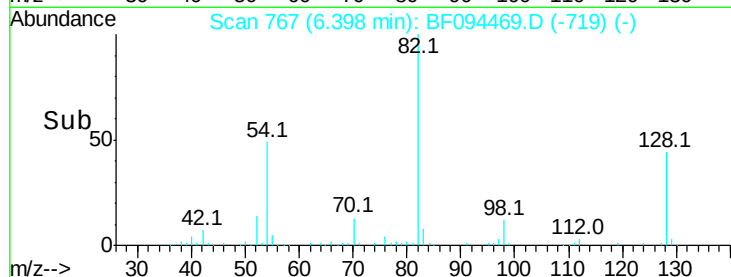
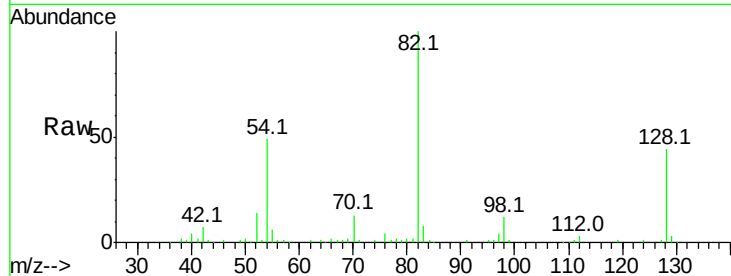
#23
 Nitrobenzene-d5
 Concen: 8.77 ng
 RT: 6.40 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF094469.D
 Acq: 18 Apr 2017 00:21

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y10-BASE

Tot Ion:	82	Resp:	91416
Ion Ratio	Lower	Upper	
82	100		
128	44.4	34.0	51.0
54	48.9	42.2	63.2

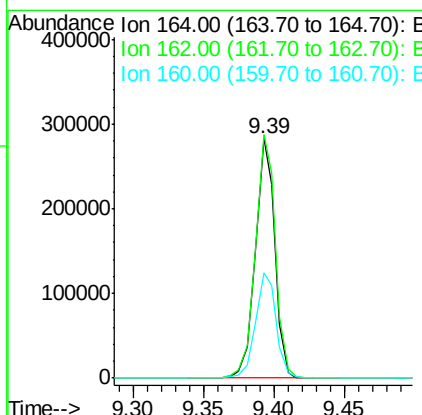
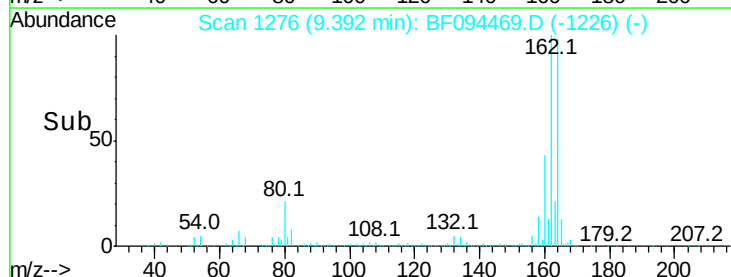
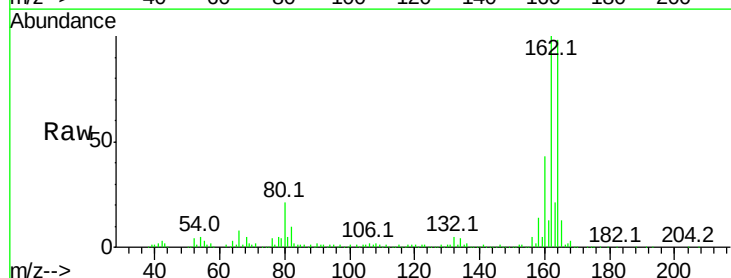
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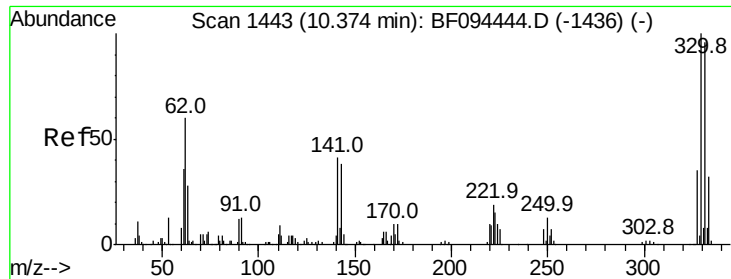
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF094469.D
 Acq: 18 Apr 2017 00:21

Tgt Ion:	164	Resp:	274730
Ion Ratio	Lower	Upper	
164	100		
162	101.7	82.6	123.8
160	44.0	36.2	54.2





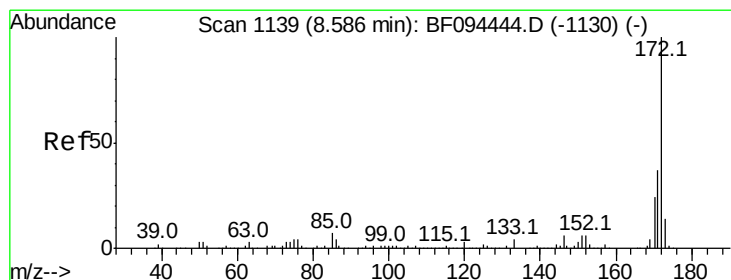
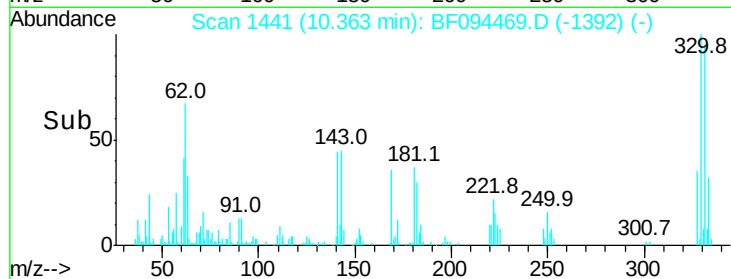
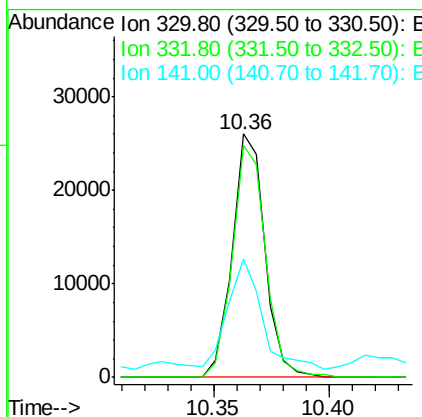
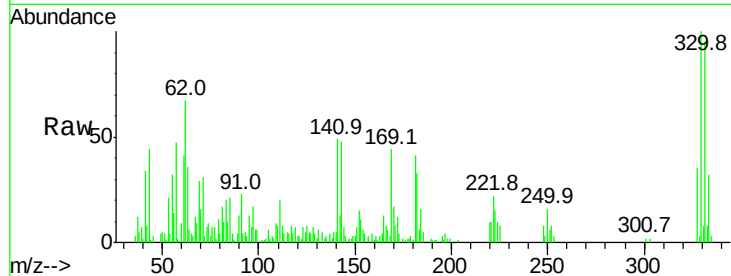
#41
 2,4,6-Tribromophenol
 Concen: 11.87 ng
 RT: 10.36 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF094469.D
 Acq: 18 Apr 2017 00:21

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y10-BASE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	47.5	31.4	47.2#

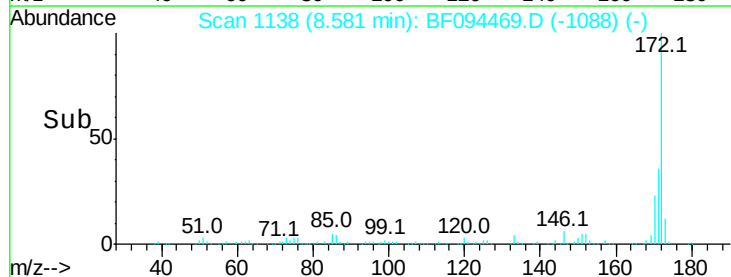
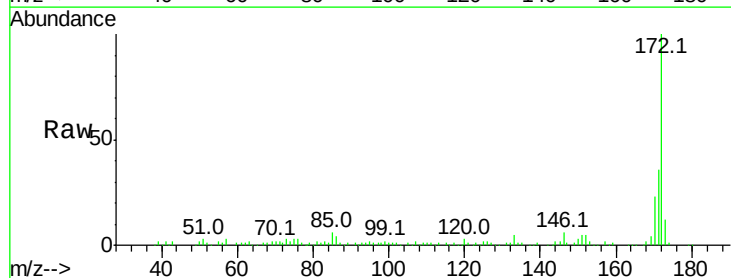
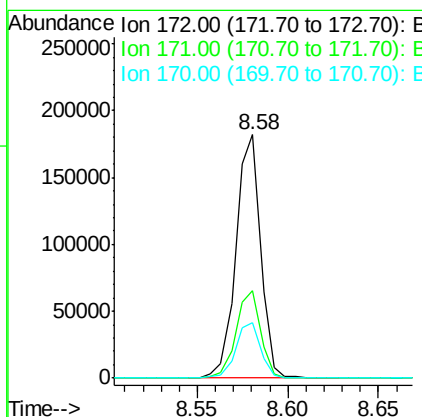
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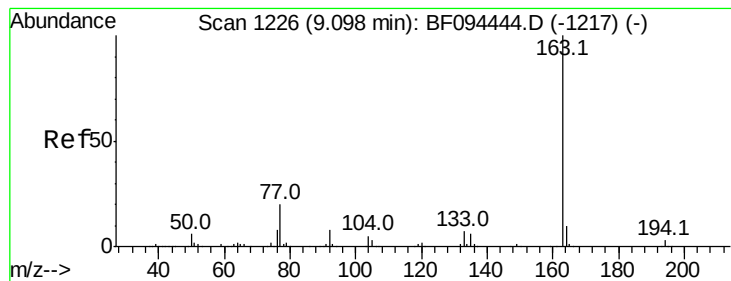
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#44
 2-Fluorobiphenyl
 Concen: 9.24 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094469.D
 Acq: 18 Apr 2017 00:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	22.8	19.8	29.8





#49

Dimethylphthalate

Concen: 2.81 ng

RT: 9.08 min Scan# 1223

Delta R.T. -0.02 min

Lab File: BF094469.D

Acq: 18 Apr 2017 00:21

Instrument :

BNA_F

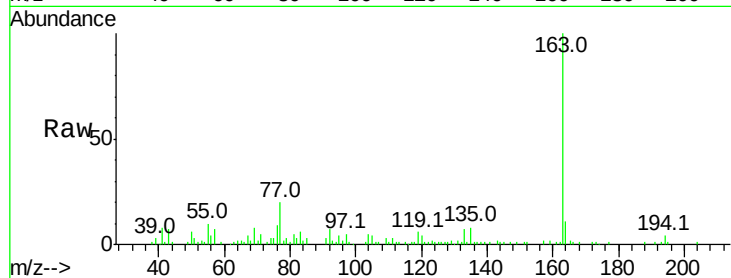
ClientSampleId :

E2-Y10-BASE

Tot Ion:	163	Resp:	57605
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.6	4.0
164	10.7	8.4	12.6

Manual Integrations
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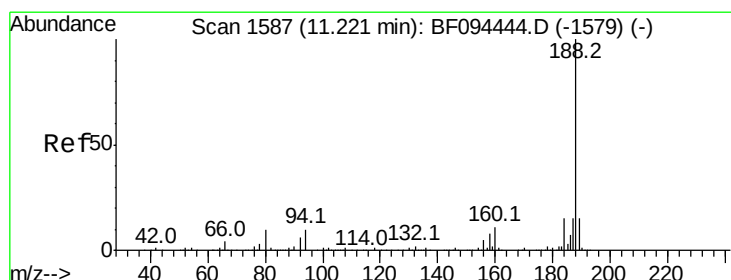
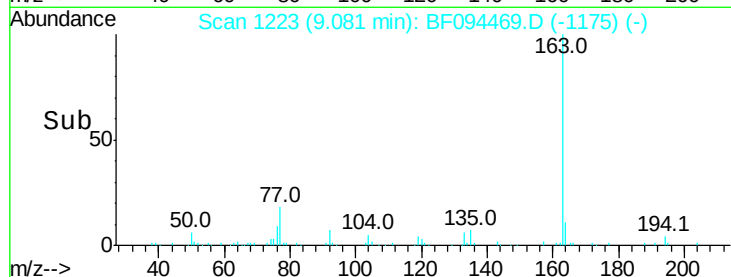
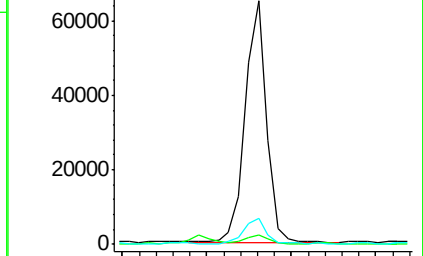
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Abundance Ion 163.00 (162.70 to 163.70): E

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

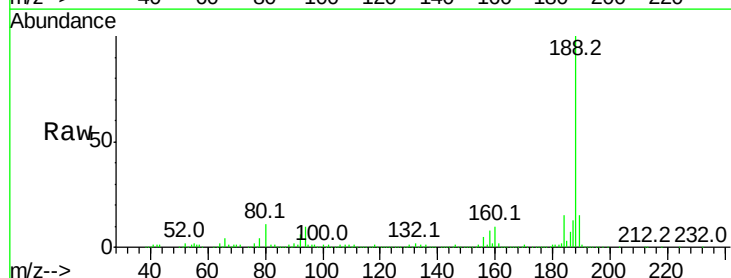
RT: 11.22 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF094469.D

Acq: 18 Apr 2017 00:21

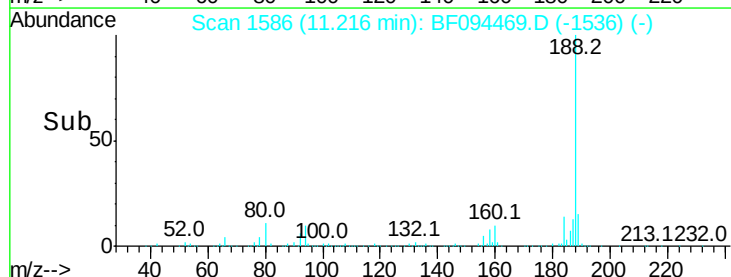
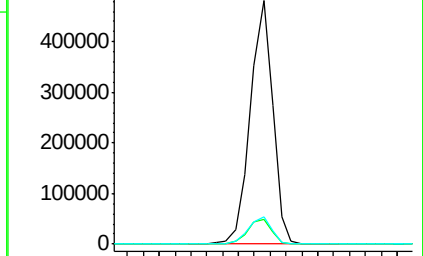
Tgt Ion:	188	Resp:	475138
Ion Ratio	Lower	Upper	
188	100		
94	10.3	9.4	14.2
80	11.4	10.2	15.2

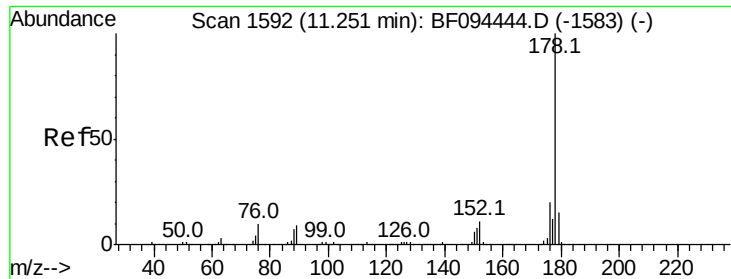


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





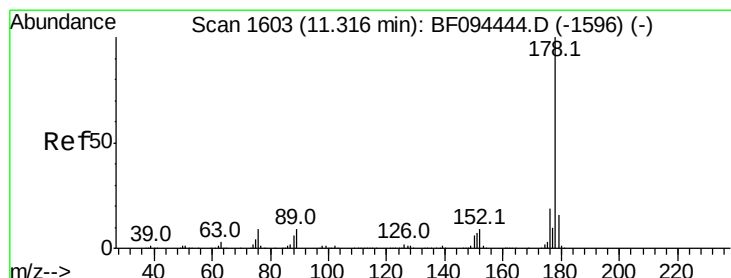
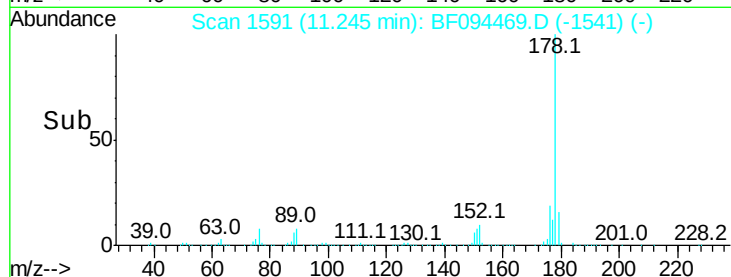
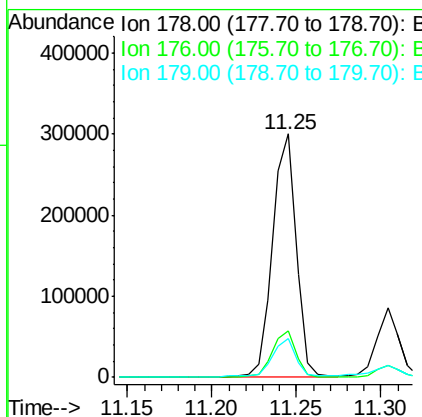
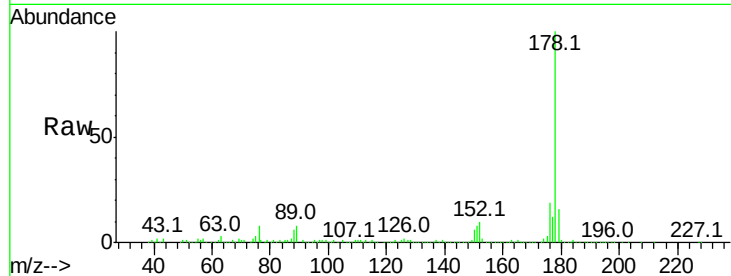
#70
 Phenanthrene
 Concen: 10.82 ng
 RT: 11.25 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF094469.D
 Acq: 18 Apr 2017 00:21

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y10-BASE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	16.1	12.6	19.0

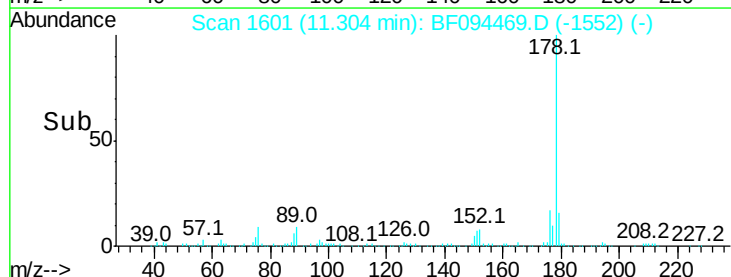
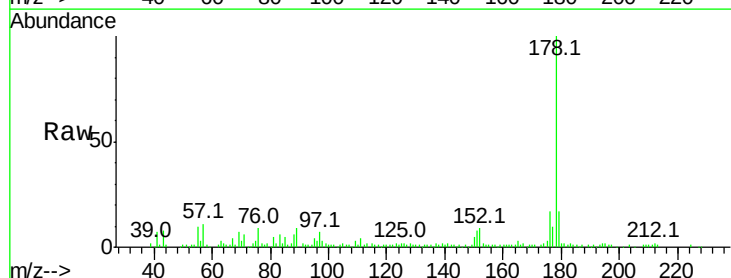
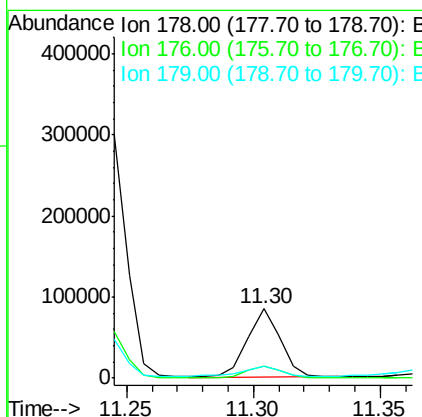
Manual Integrations
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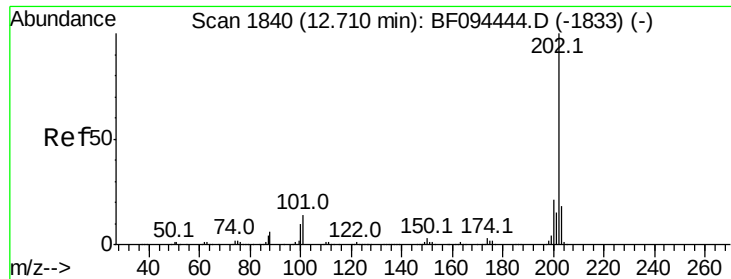
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#71
 Anthracene
 Concen: 2.76 ng
 RT: 11.30 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF094469.D
 Acq: 18 Apr 2017 00:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.8	23.8
179	16.7	12.7	19.1





#74

Fluoranthene

Concen: 8.36 ng

RT: 12.70 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF094469.D

Acq: 18 Apr 2017 00:21

Instrument :

BNA_F

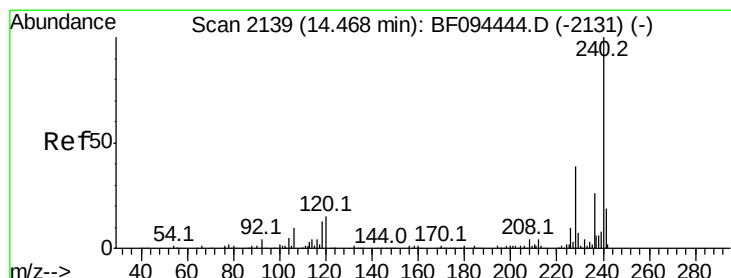
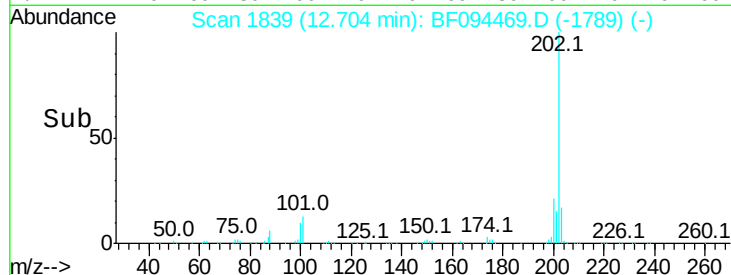
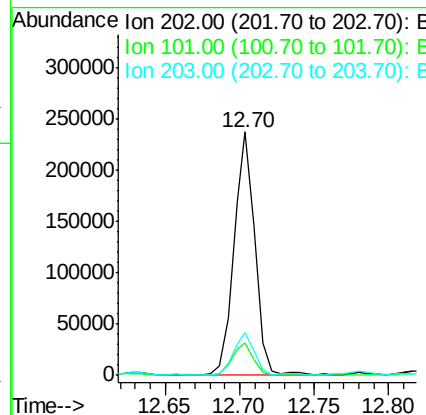
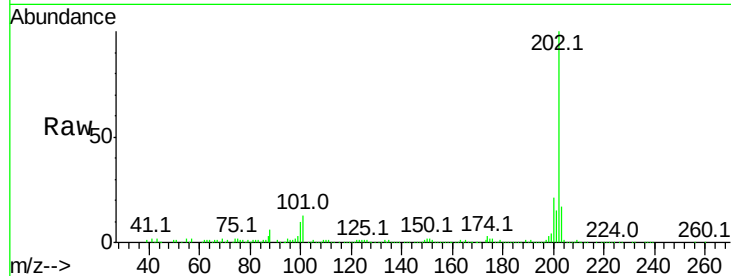
ClientSampleId :

E2-Y10-BASE

Tot Ion:	202	Resp:	231753
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	33.2
203	17.5	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

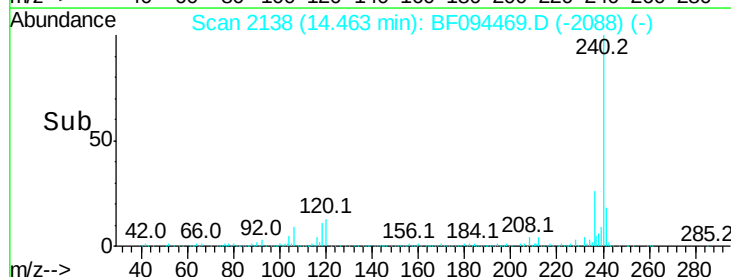
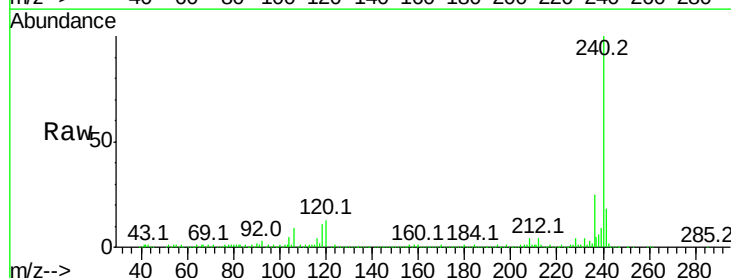
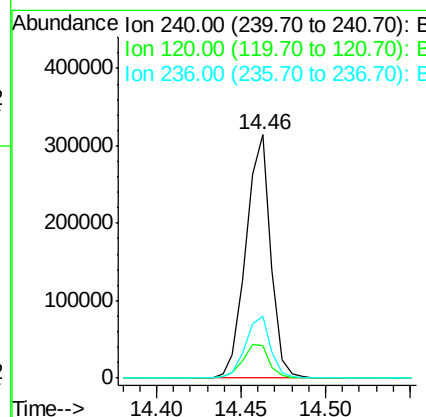
RT: 14.46 min Scan# 2138

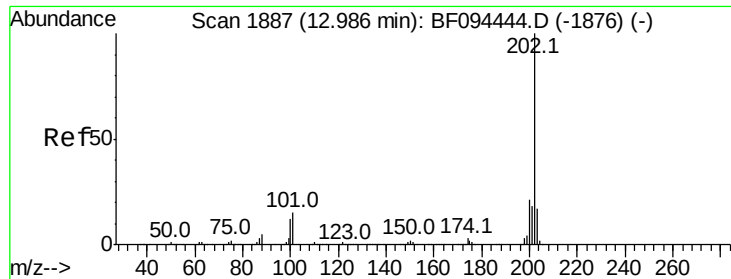
Delta R.T. -0.01 min

Lab File: BF094469.D

Acq: 18 Apr 2017 00:21

Tgt Ion:	240	Resp:	322974
Ion Ratio	Lower	Upper	
240	100		
120	13.2	5.8	8.8#
236	25.5	20.5	30.7





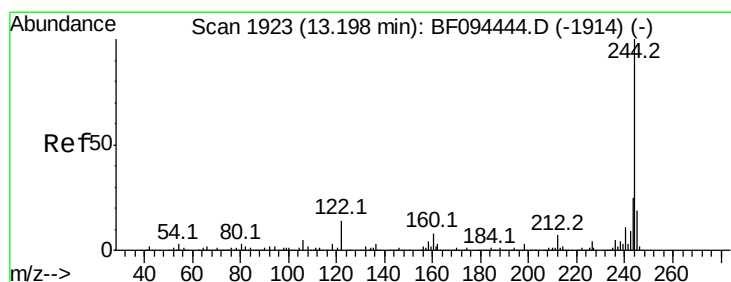
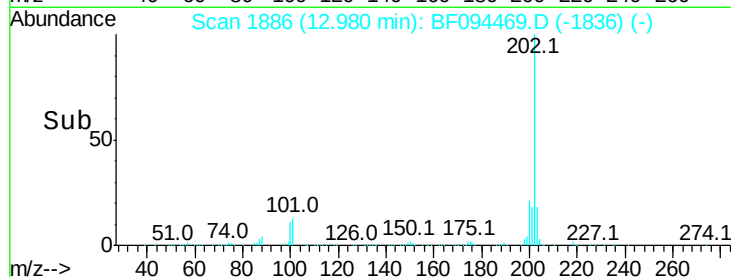
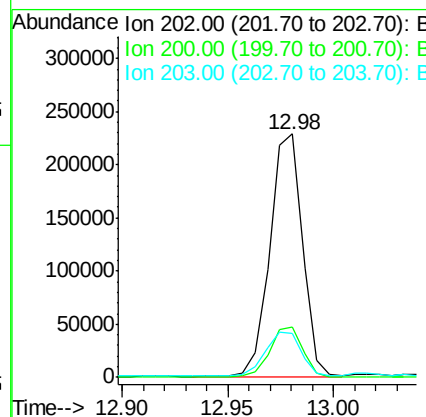
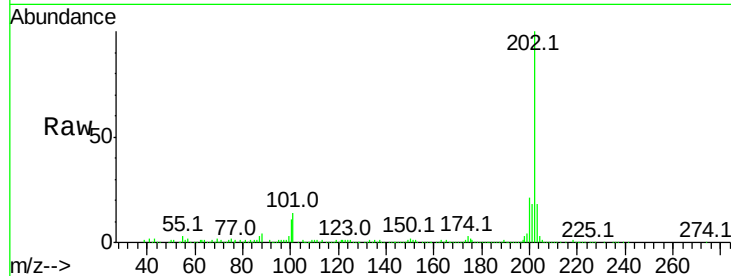
#77
Pvrene
Concen: 10.88 ng
RT: 12.98 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BF094469.D
Acq: 18 Apr 2017 00:21

Instrument :
BNA_F
ClientSampleId :
E2-Y10-BASE

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	18.0	14.4	21.6

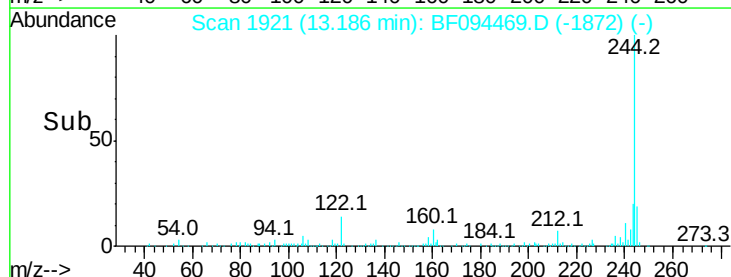
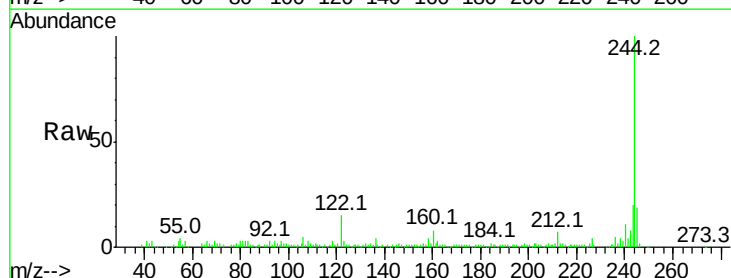
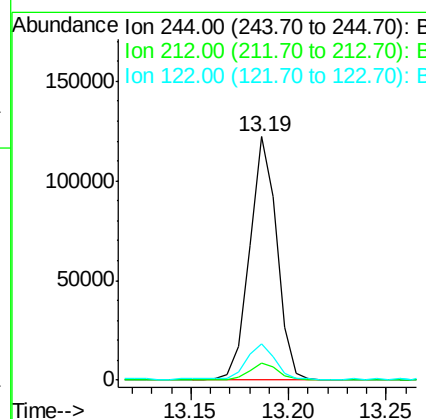
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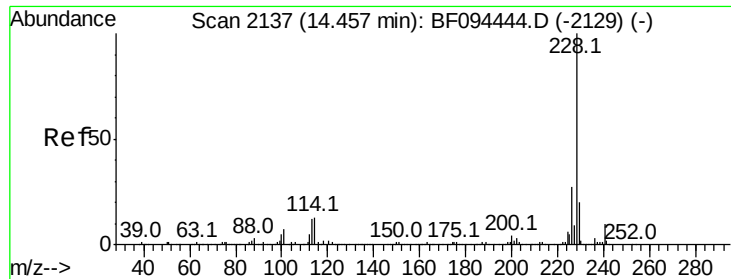
mohammad
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#78
Terphenyl-d14
Concen: 9.75 ng
RT: 13.19 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF094469.D
Acq: 18 Apr 2017 00:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.8	10.3	15.5





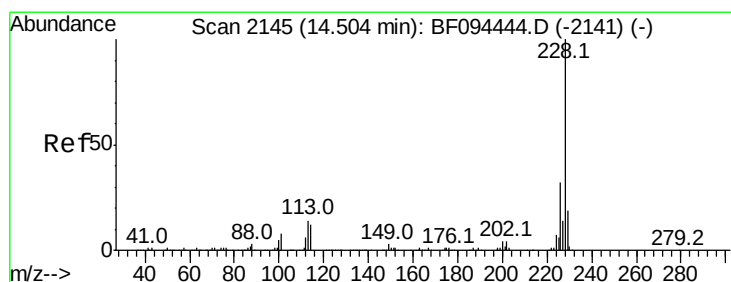
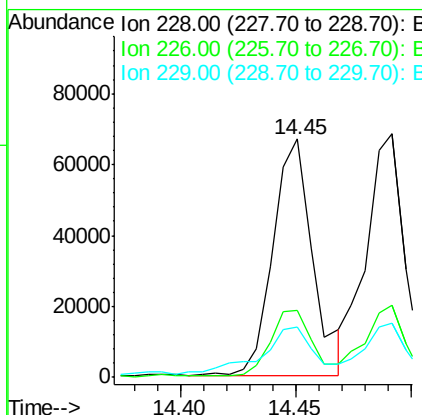
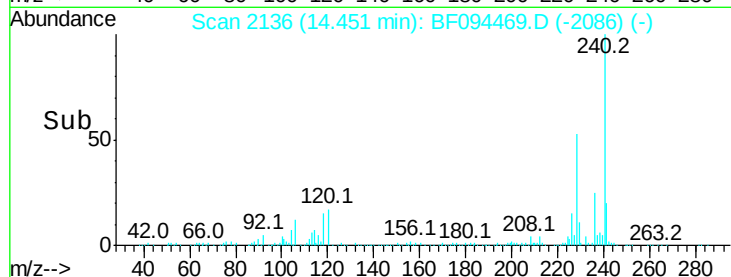
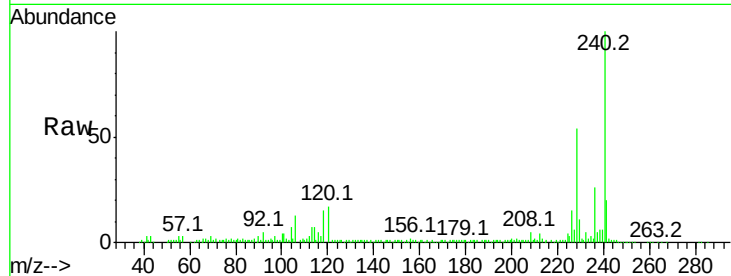
#80
Benzo(a)anthracene
Concen: 4.24 ng
RT: 14.45 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BF094469.D
Acq: 18 Apr 2017 00:21

Instrument :
BNA_F
ClientSampleId :
E2-Y10-BASE

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.3	16.3	24.5

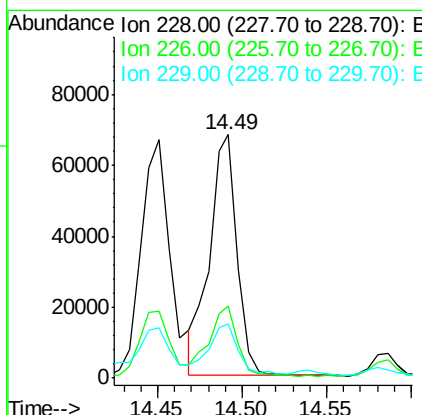
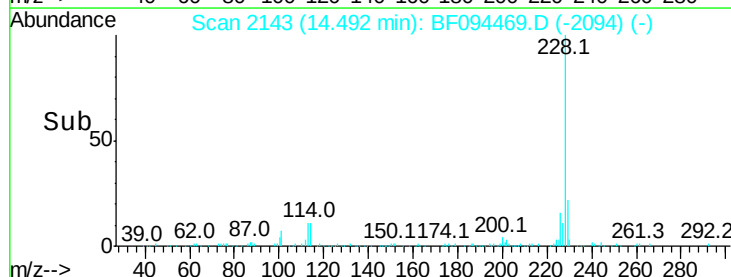
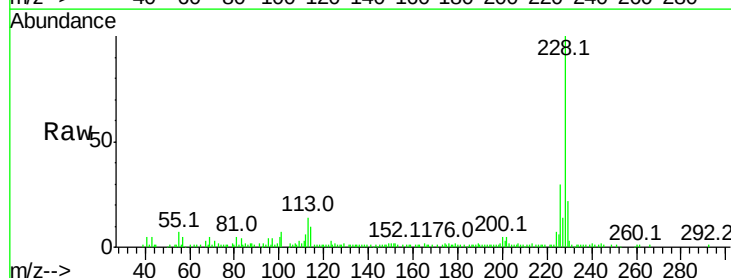
Manual Integrations
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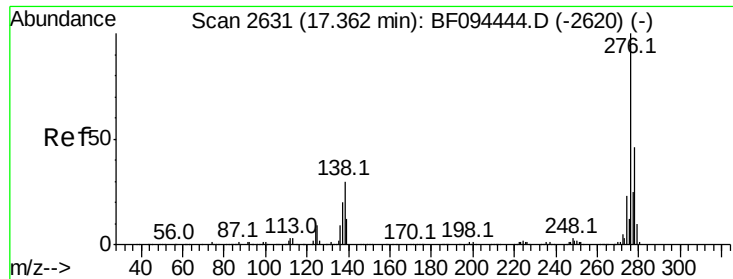
mohammad
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#82
Chrysene
Concen: 4.52 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BF094469.D
Acq: 18 Apr 2017 00:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	22.0	15.8	23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.21 ng

RT: 17.34 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BF094469.D

Acq: 18 Apr 2017 00:21

Instrument :

BNA_F

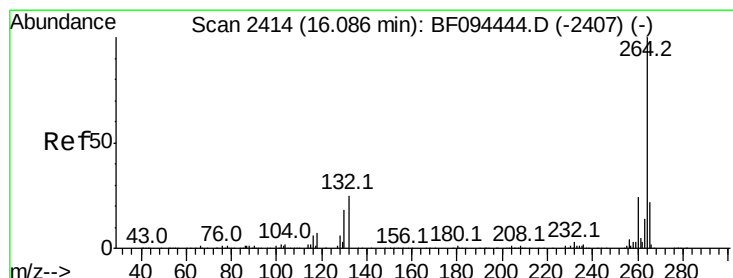
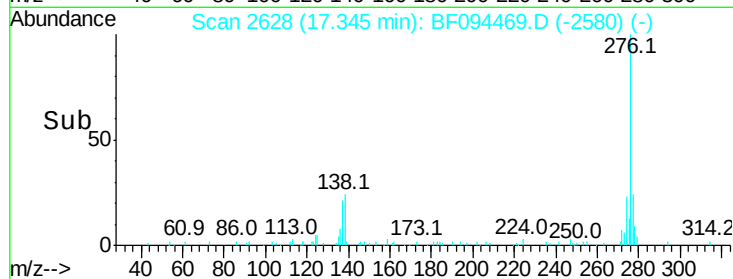
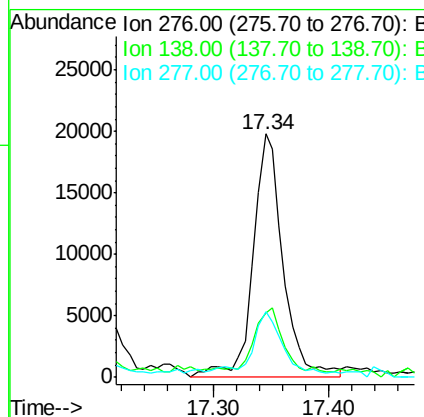
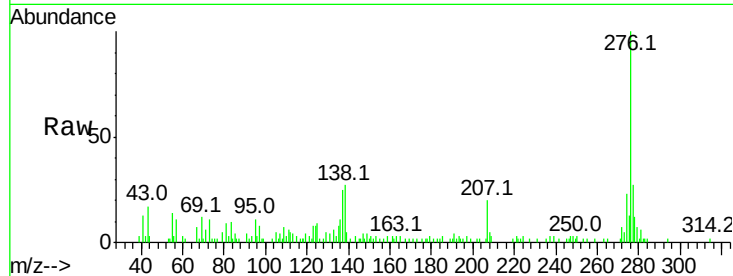
ClientSampled :

E2-Y10-BASE

Tot Ion:	276	Resp:	36048
Ion Ratio	Lower	Upper	
276	100		
138	24.5	27.8	41.6#
277	21.9	20.2	30.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

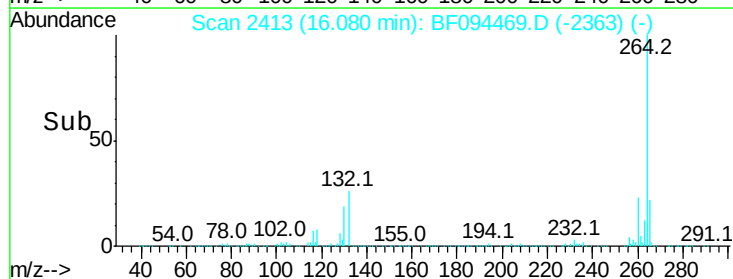
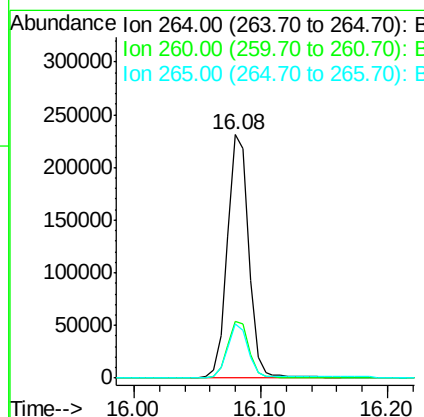
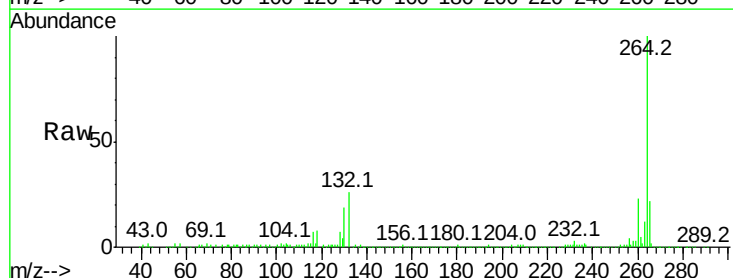
RT: 16.08 min Scan# 2413

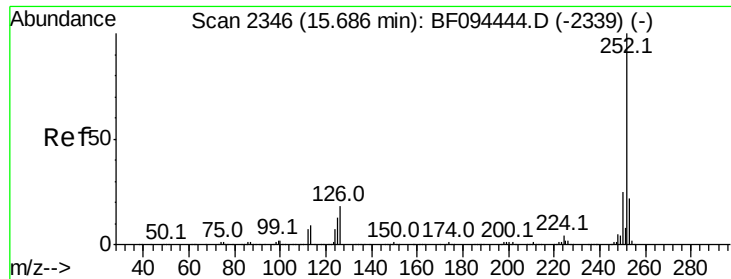
Delta R.T. -0.01 min

Lab File: BF094469.D

Acq: 18 Apr 2017 00:21

Tgt Ion:	264	Resp:	270874
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.5	29.3
265	22.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 4.31 ng

RT: 15.68 min Scan# 2345

Delta R.T. -0.01 min

Lab File: BF094469.D

Acq: 18 Apr 2017 00:21

Instrument :

BNA_F

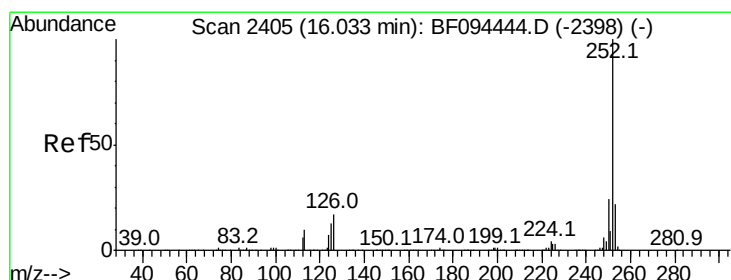
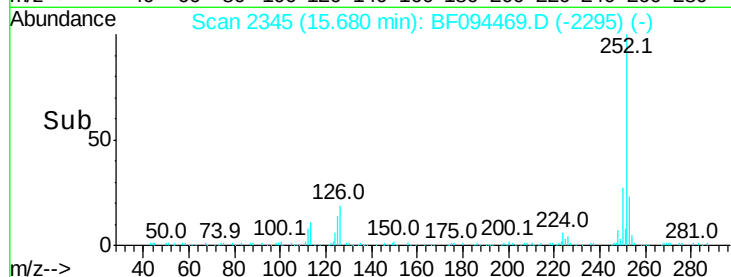
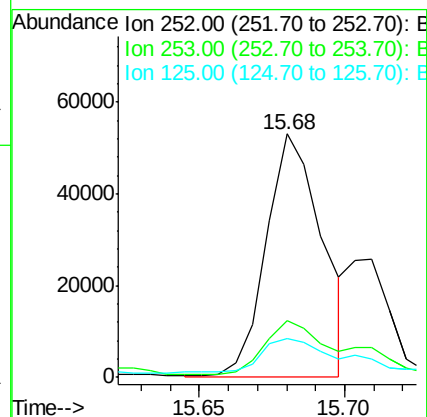
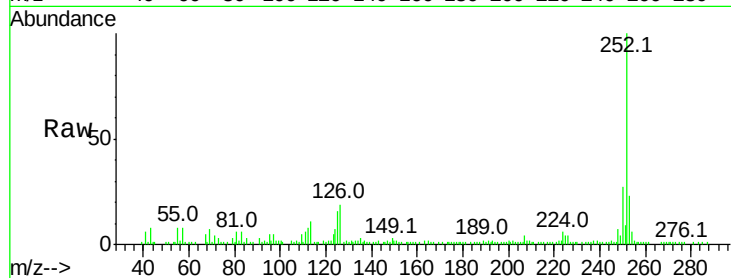
ClientSampleId :

E2-Y10-BASE

Tot Ion:	252	Resp:	71448
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.1	27.1
125	15.7	9.8	14.8

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.64 ng

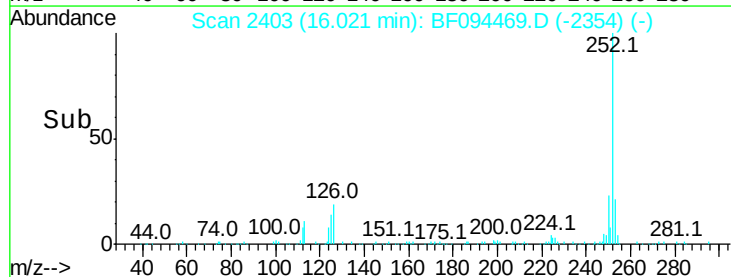
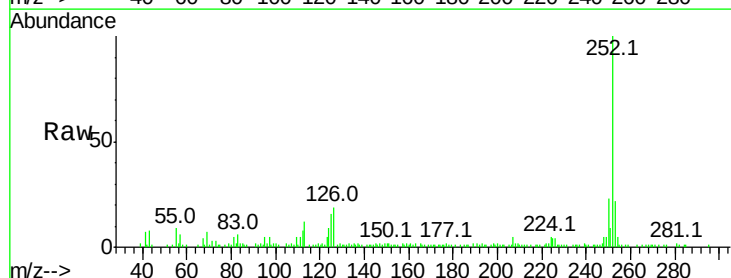
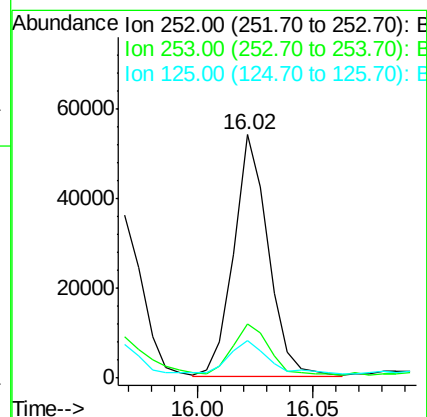
RT: 16.02 min Scan# 2403

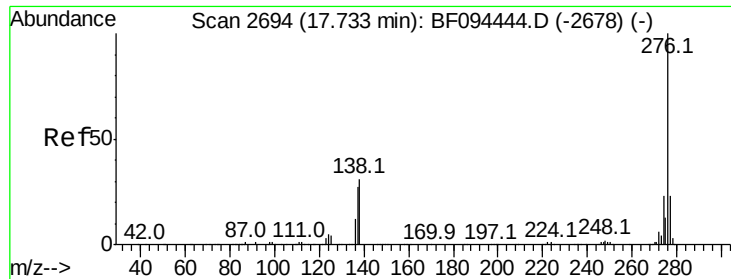
Delta R.T. -0.01 min

Lab File: BF094469.D

Acq: 18 Apr 2017 00:21

Tgt Ion:	252	Resp:	56160
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	15.5	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.58 ng
 RT: 17.72 min Scan# 2691
 Delta R.T. -0.02 min
 Lab File: BF094469.D
 Acq: 18 Apr 2017 00:21

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y10-BASE

Tot Ion:	276	Resp:	33633
Ion Ratio	Lower	Upper	
276	100		
277	21.6	18.6	28.0
138	35.5	25.4	38.0

Manual Integrations
 APPROVED

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 4/18/2017 4:55:54 PM

