

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094466.D
 Acq On : 17 Apr 2017 22:59
 Operator : SJ/MA
 Sample : I2708-07 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z9-BASE

Manual Integrations
 APPROVED

mohammad
 4/18/2017 4:55:49 PM

Quant Time: Apr 18 03:56:44 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	145400	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	605342	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	281114	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	485129	20.00	ng	0.00
75) Chrysene-d12	14.46	240	368351	20.00	ng	-0.01
86) Perylene-d12	16.08	264	252544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	277416	31.65	ng	0.00
7) Phenol-d6	5.37	99	352592	34.13	ng	-0.02
23) Nitrobenzene-d5	6.40	82	211890	21.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	65953	29.99	ng	-0.01
44) 2-Fluorobiphenyl	8.58	172	378964	19.83	ng	0.00
78) Terphenyl-d14	13.19	244	282976	20.53	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	6.26	107	26444	2.48	ng	Qvalue # 58
49) Dimethylphthalate	9.08	163	134877	6.44	ng	99
70) Phenanthrene	11.24	178	60644	2.22	ng	95
74) Fluoranthene	12.70	202	105814	3.74	ng	99
77) Pyrene	12.97	202	102064	3.97	ng	98
82) Chrysene	14.49	228	41893	2.14	ng	95
87) Benzo(b)fluoranthene	15.68	252	40221m	2.60	ng	
89) Benzo(a)pyrene	16.02	252	28949	2.01	ng	97

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

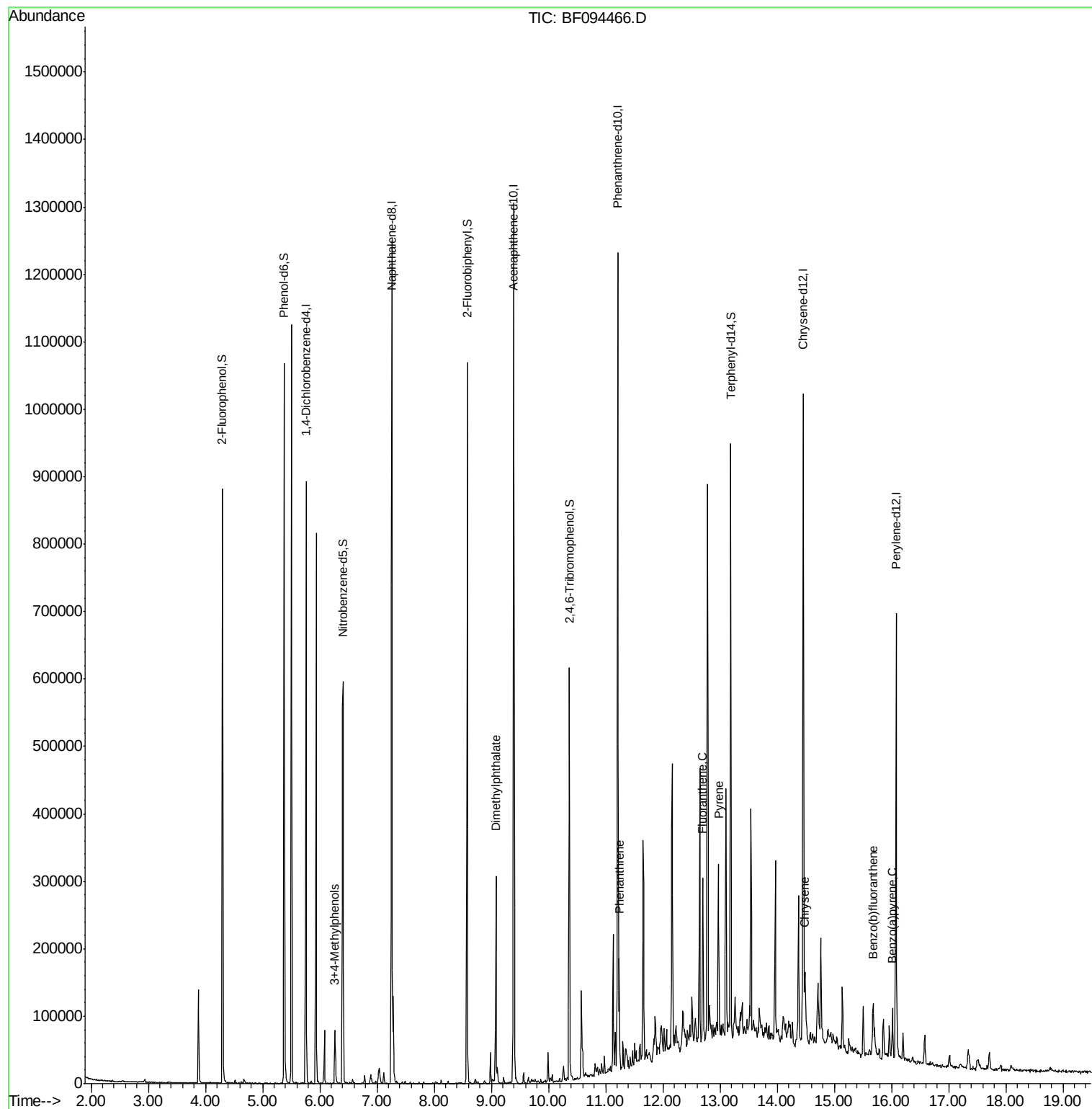
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094466.D
Acq On : 17 Apr 2017 22:59
Operator : SJ/MA
Sample : I2708-07 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

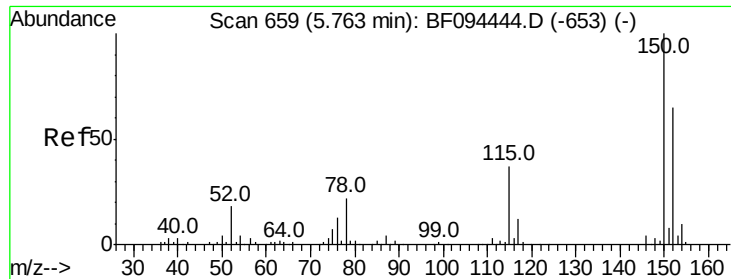
Instrument :
BNA_F
ClientSampled :
E2-Z9-BASE

Manual Integrations
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Quant Time: Apr 18 03:56:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
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#1

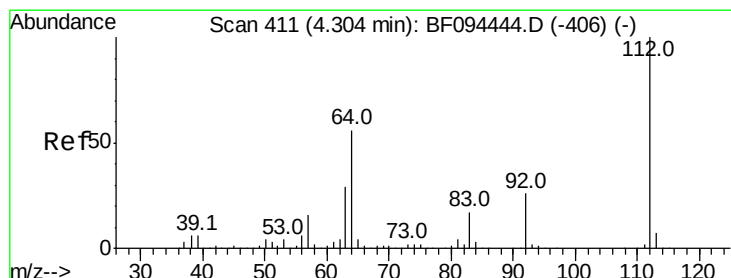
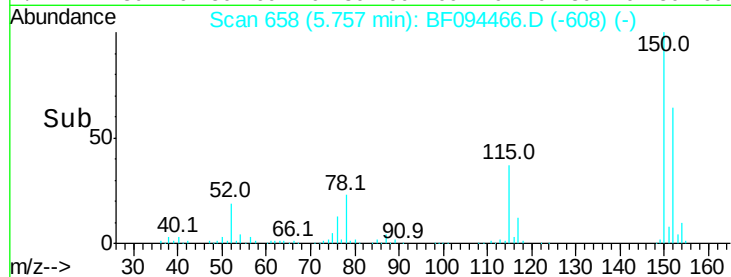
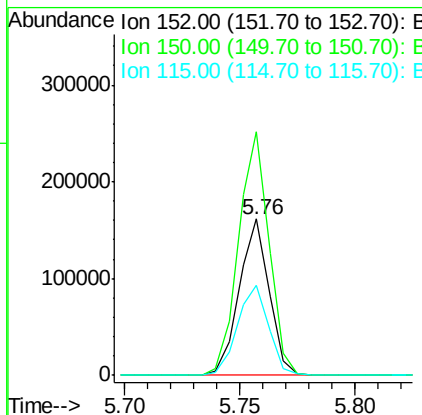
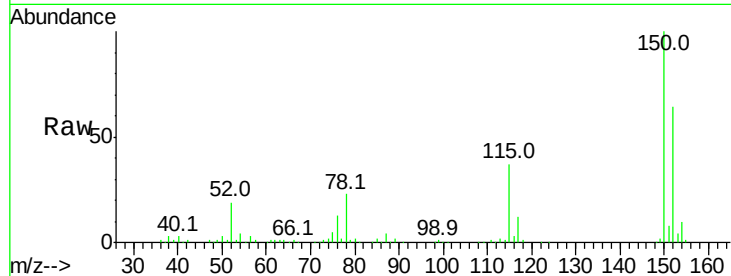
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094466.D
Acq: 17 Apr 2017 22:59

Instrument :
BNA_F
ClientSampleId :
E2-Z9-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	57.3	52.2	78.2

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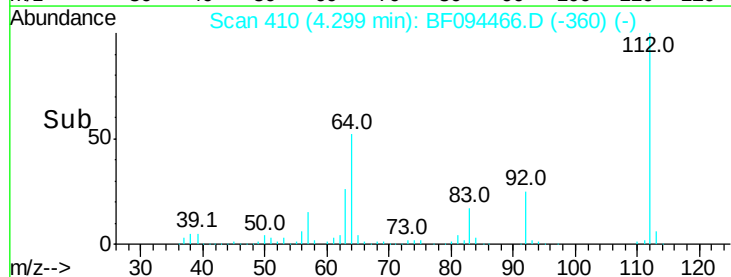
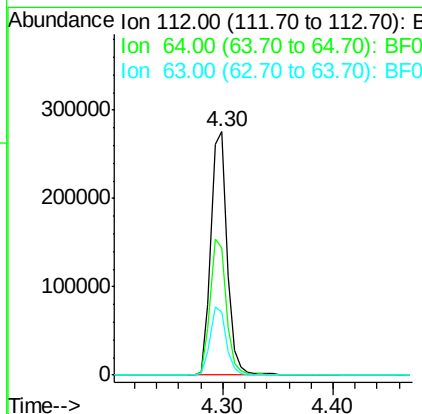
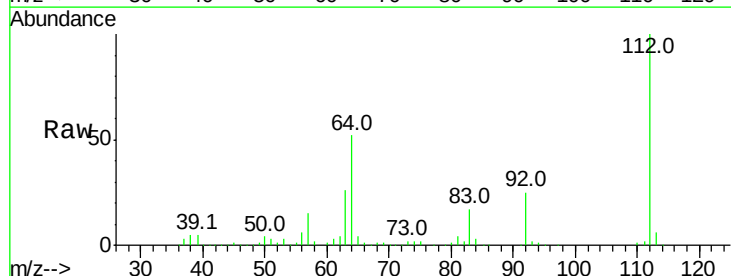
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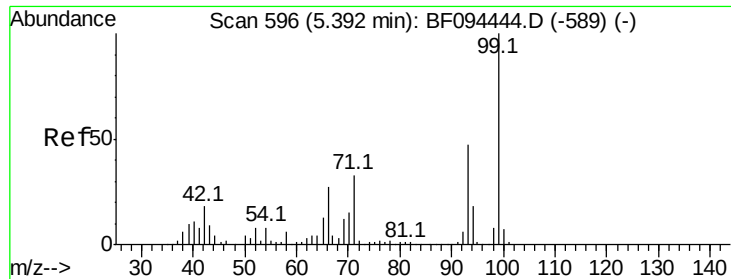


#5

2-Fluorophenol
Concen: 31.65 ng
RT: 4.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF094466.D
Acq: 17 Apr 2017 22:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	46.0	69.0
63	26.1	23.4	35.0





#7

Phenol-d6

Concen: 34.13 ng

RT: 5.37 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF094466.D

Acq: 17 Apr 2017 22:59

Instrument :

BNA_F

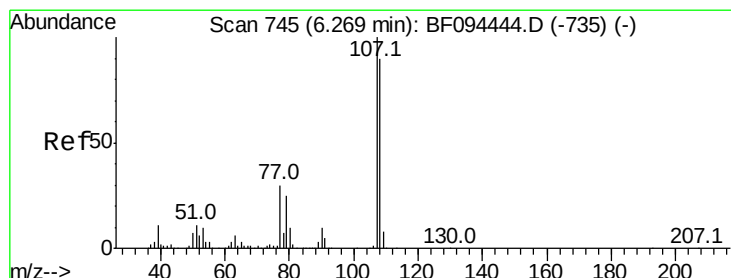
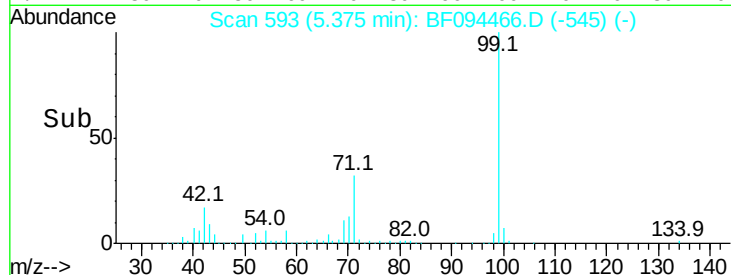
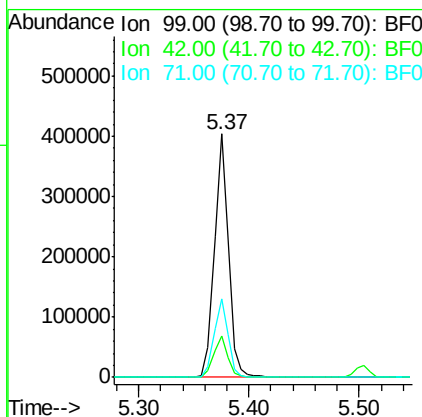
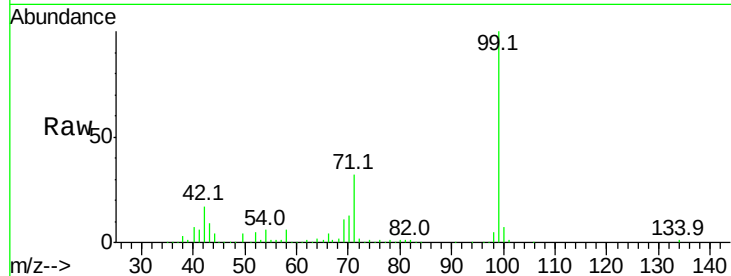
ClientSampled :

E2-Z9-BASE

Tot Ion:	99	Resp:	352592
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.5	20.3
71	32.3	24.5	36.7

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#20

3+4-Methylphenols

Concen: 2.48 ng

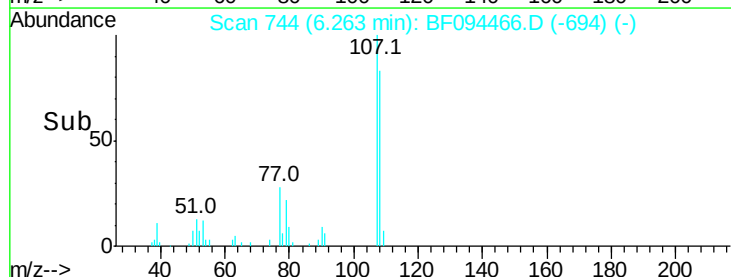
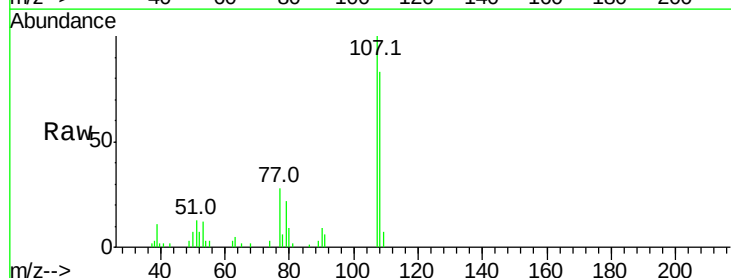
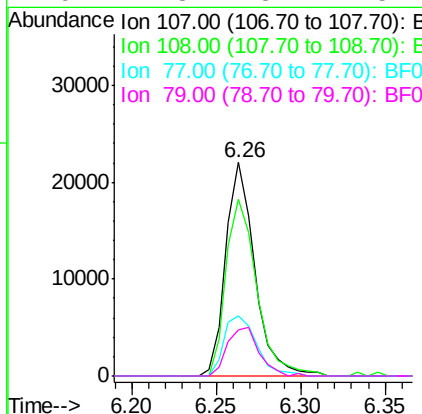
RT: 6.26 min Scan# 744

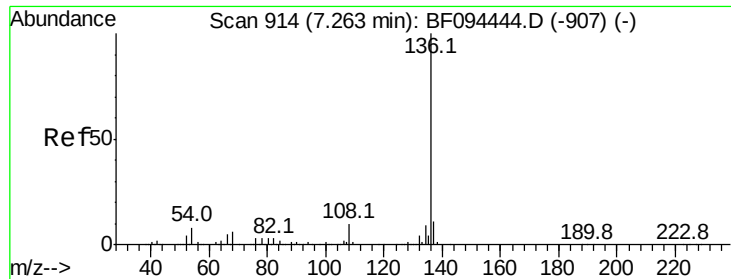
Delta R.T. -0.01 min

Lab File: BF094466.D

Acq: 17 Apr 2017 22:59

Tgt Ion:	107	Resp:	26444
Ion Ratio	Lower	Upper	
107	100		
108	82.7	71.0	111.0
77	28.5	90.5	130.5#
79	21.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF094466.D

Acq: 17 Apr 2017 22:59

Instrument :

BNA_F

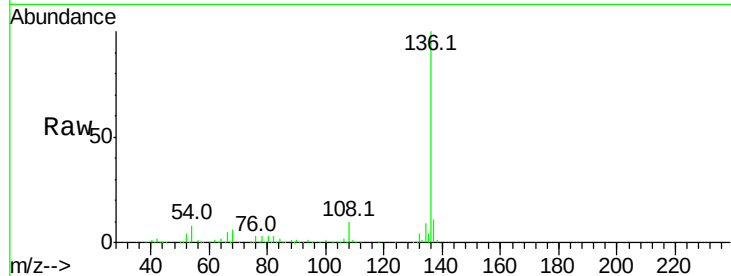
ClientSampleId :

E2-Z9-BASE

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.7	4.9	7.3
68	5.8	4.1	6.1

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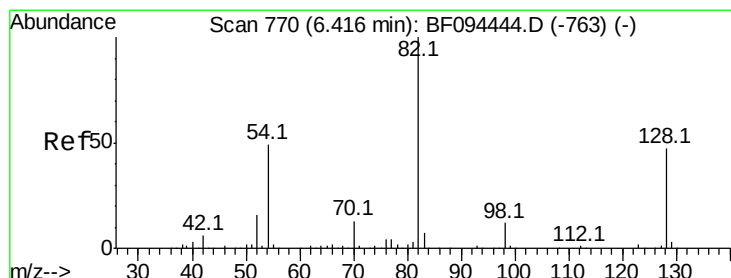
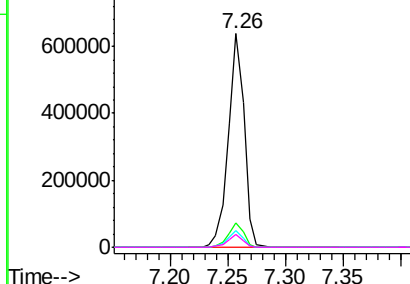
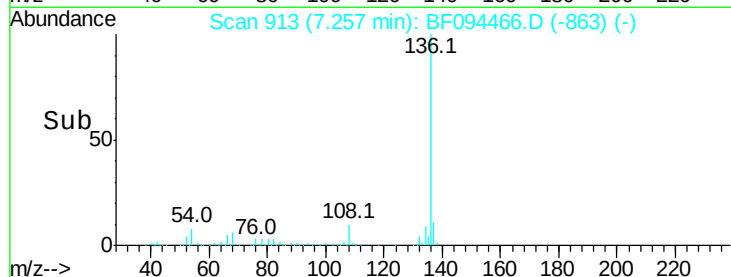


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 21.61 ng

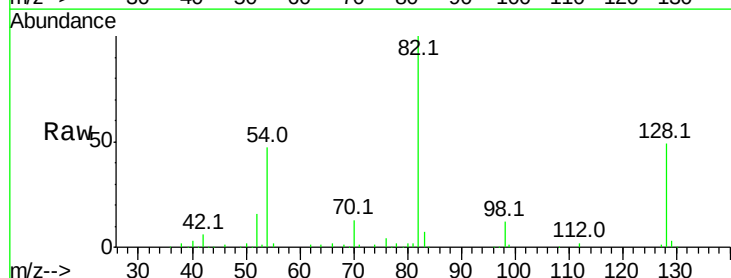
RT: 6.40 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF094466.D

Acq: 17 Apr 2017 22:59

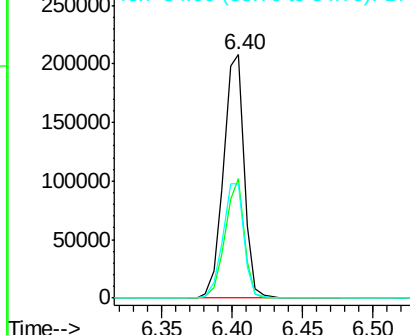
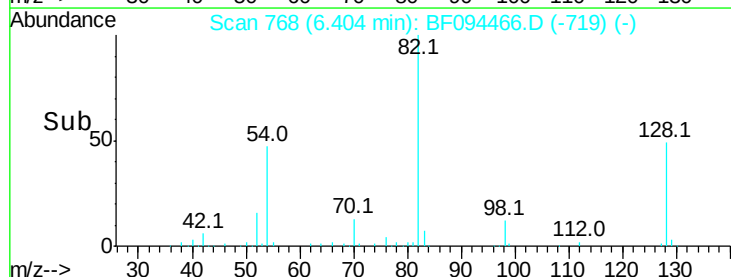
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	48.8	34.0	51.0
54	47.1	42.2	63.2

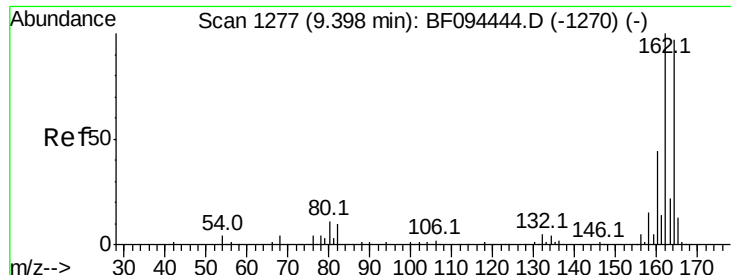


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





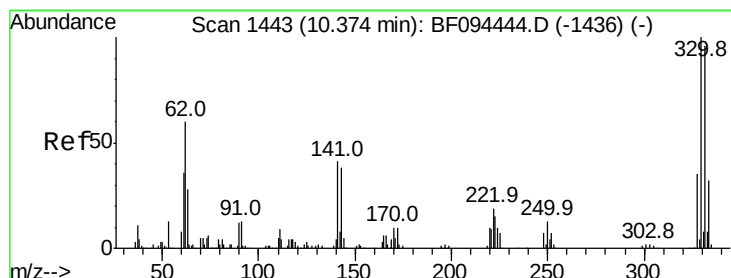
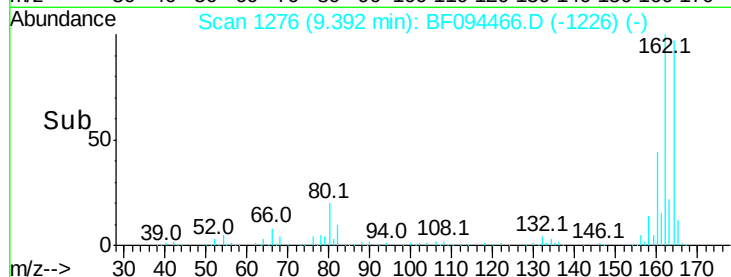
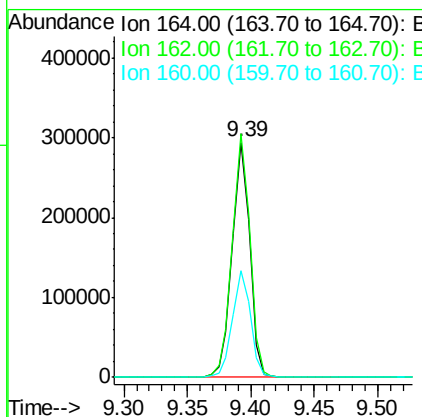
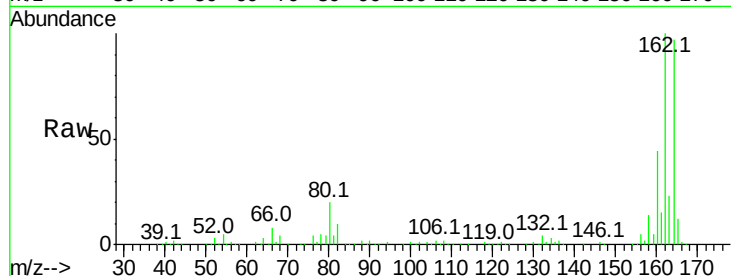
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF094466.D
Acq: 17 Apr 2017 22:59

Instrument :
BNA_F
ClientSampleId :
E2-Z9-BASE

Tot Ion	Ratio	Resp	Lower	Upper
164	100	281114		
162	103.6	82.6	123.8	
160	45.6	36.2	54.2	

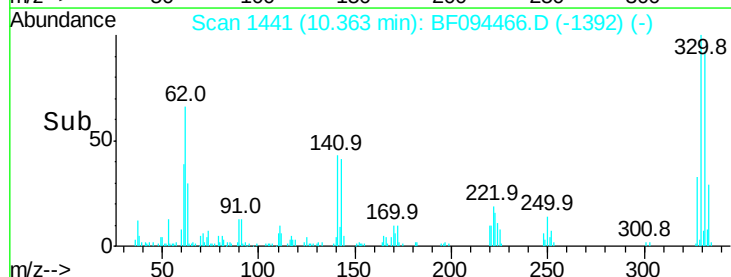
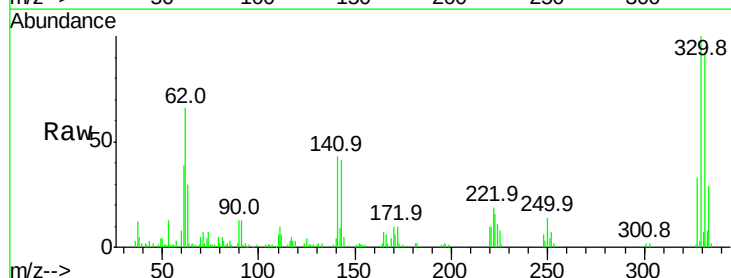
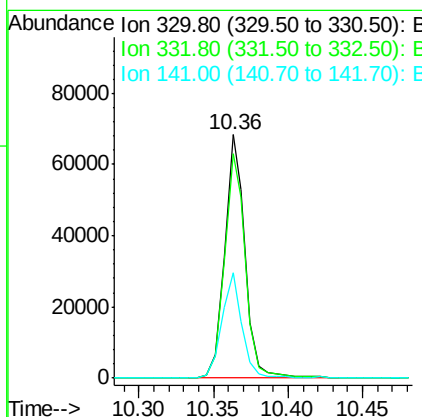
Manual Integrations
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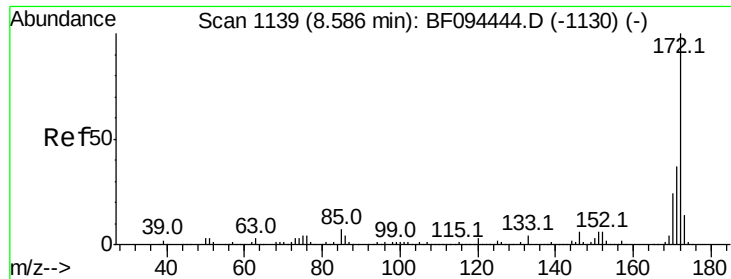
mohammad
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#41
2,4,6-Tribromophenol
Concen: 29.99 ng
RT: 10.36 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF094466.D
Acq: 17 Apr 2017 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	65953		
332	94.9	76.6	115.0	
141	42.5	31.4	47.2	





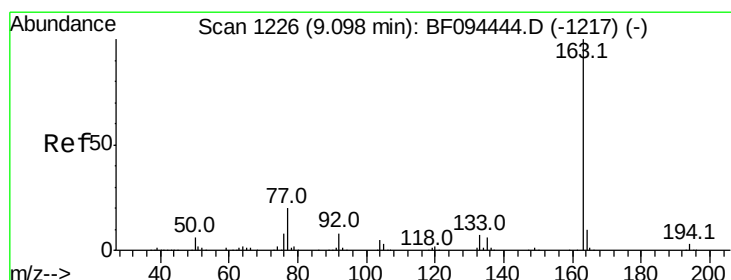
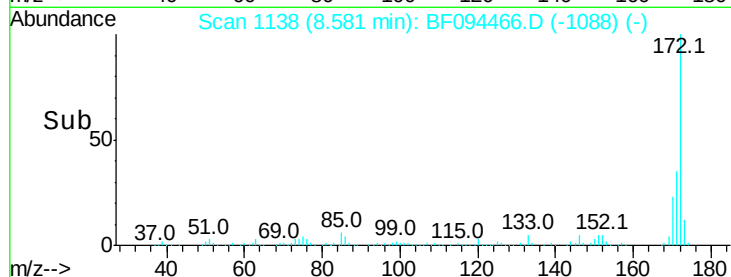
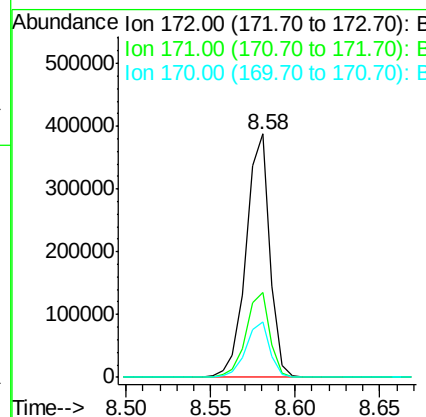
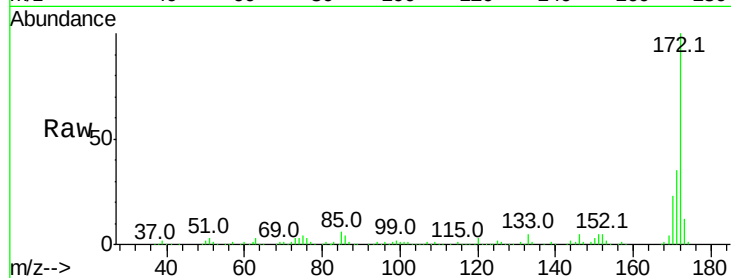
#44
2-Fluorobiphenyl
Concen: 19.83 ng
RT: 8.58 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF094466.D
Acq: 17 Apr 2017 22:59

Instrument :
BNA_F
ClientSampleId :
E2-Z9-BASE

Tot Ion	Ratio	Resp	Lower	Upper
172	100	378964		
171	35.0		29.6	44.4
170	22.7		19.8	29.8

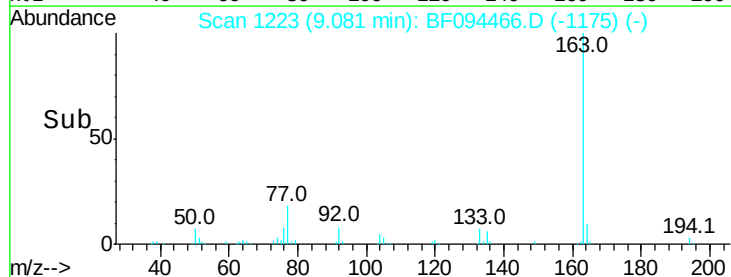
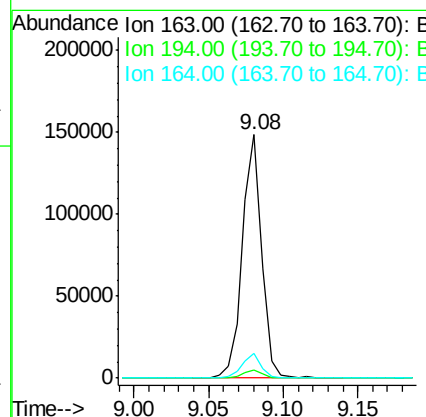
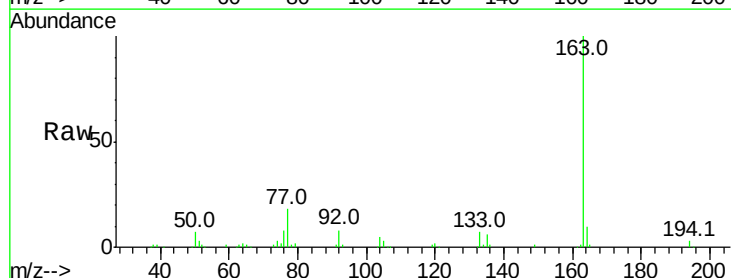
Manual Integrations
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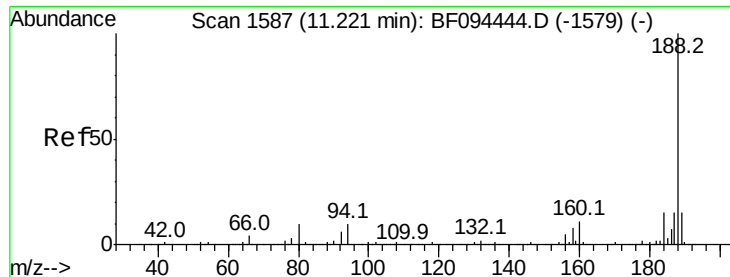
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#49
Dimethylphthalate
Concen: 6.44 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF094466.D
Acq: 17 Apr 2017 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	134877		
194	3.3		2.6	4.0
164	9.9		8.4	12.6





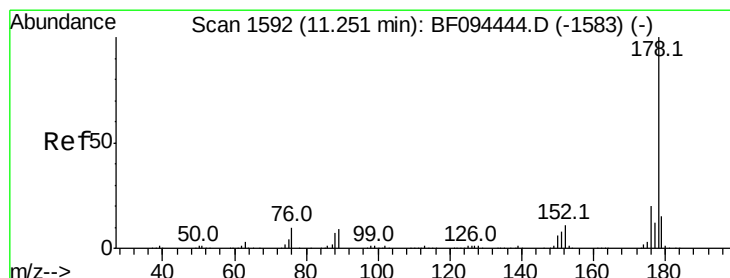
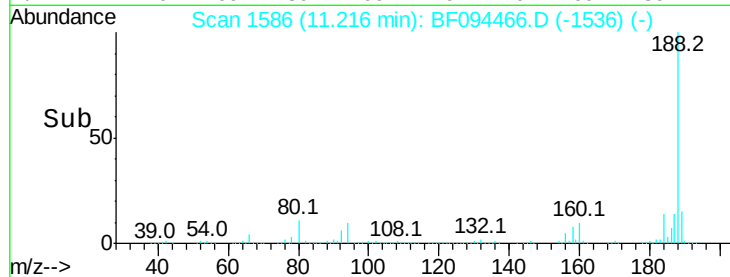
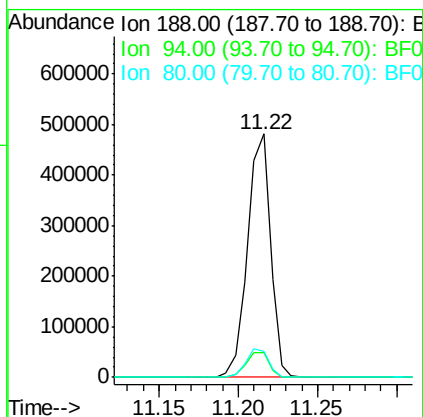
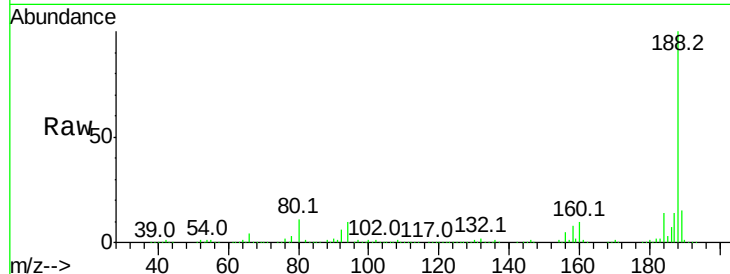
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094466.D
Acq: 17 Apr 2017 22:59

Instrument :
BNA_F
ClientSampleId :
E2-Z9-BASE

Tot Ion	Ratio	Resp	Lower	Upper
188	100	485129		
94	10.2		9.4	14.2
80	10.6		10.2	15.2

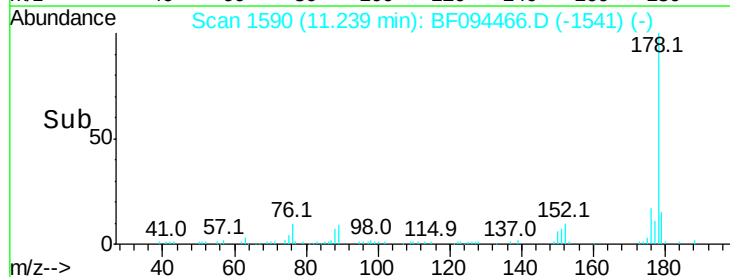
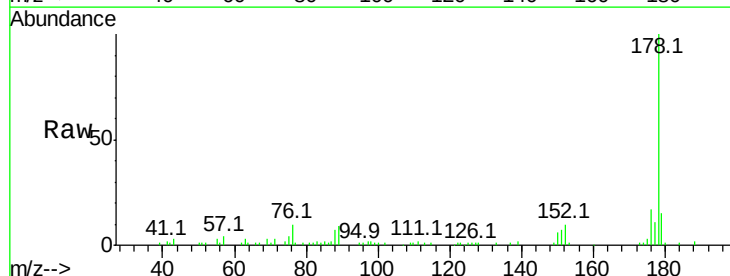
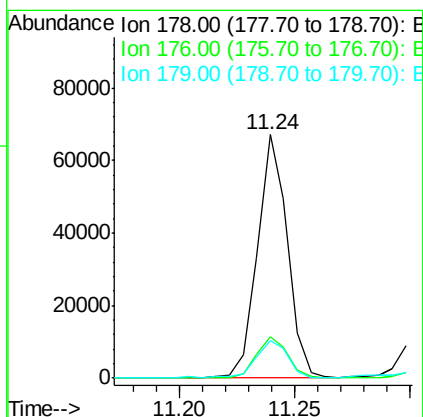
Manual Integrations
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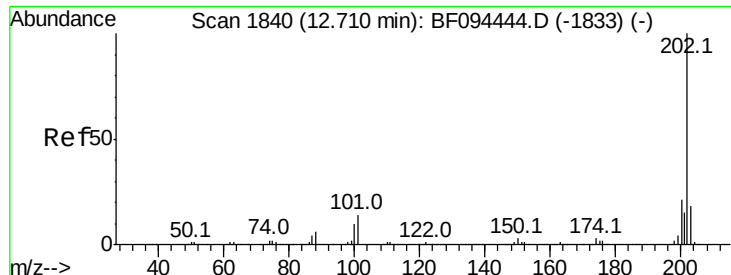
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#70
Phenanthrene
Concen: 2.22 ng
RT: 11.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF094466.D
Acq: 17 Apr 2017 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	60644		
176	17.0		16.2	24.4
179	15.3		12.6	19.0





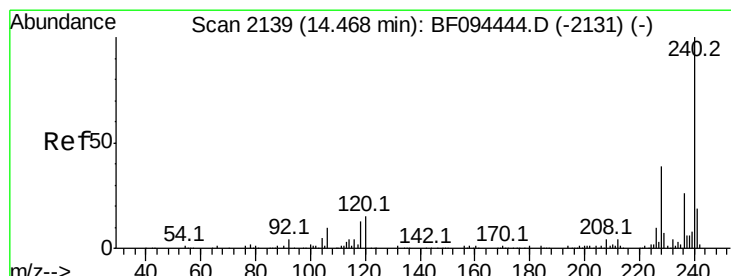
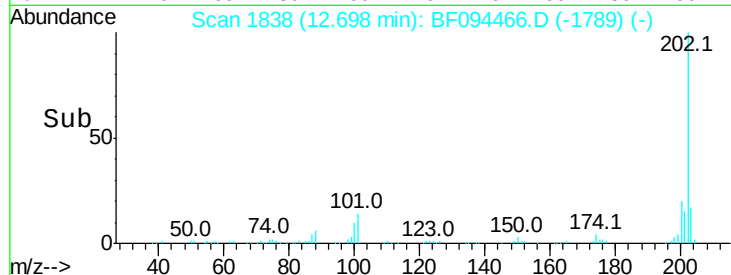
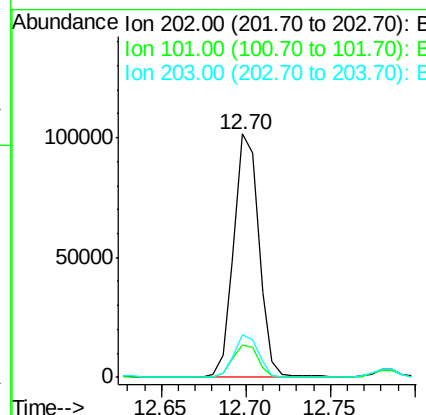
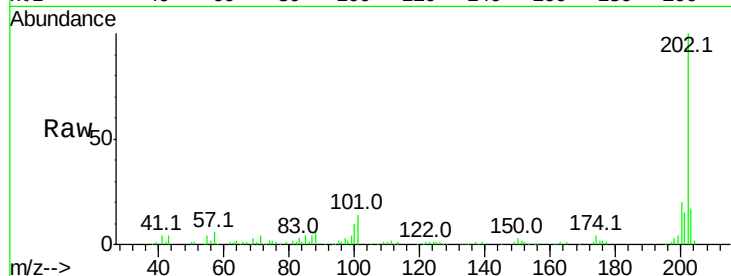
#74
Fluoranthene
Concen: 3.74 ng
RT: 12.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF094466.D
Acq: 17 Apr 2017 22:59

Instrument :
BNA_F
ClientSampleId :
E2-Z9-BASE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	0.0	33.2
203	17.3	0.0	38.1

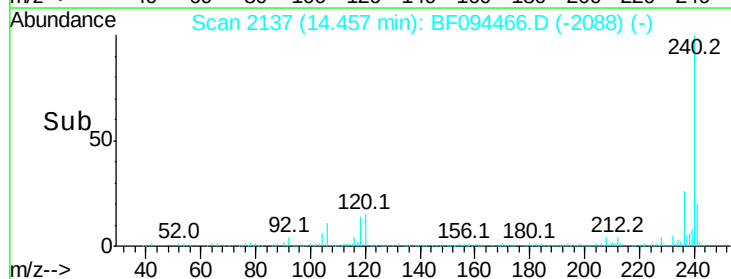
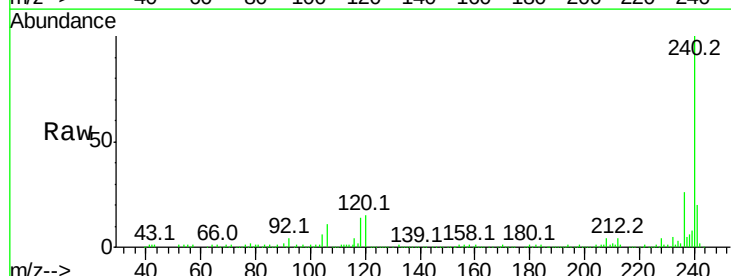
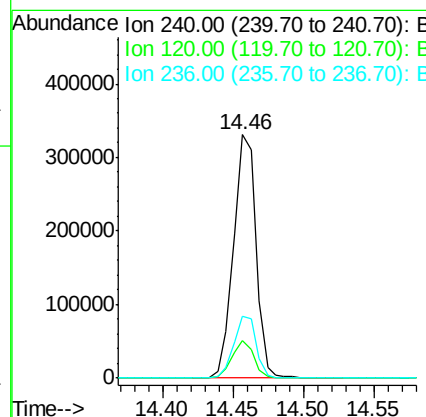
Manual Integrations
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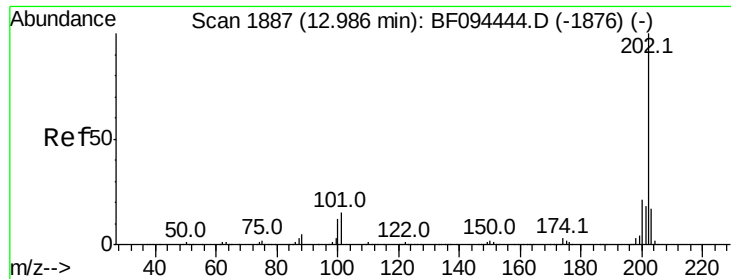
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BF094466.D
Acq: 17 Apr 2017 22:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	25.5	20.5	30.7





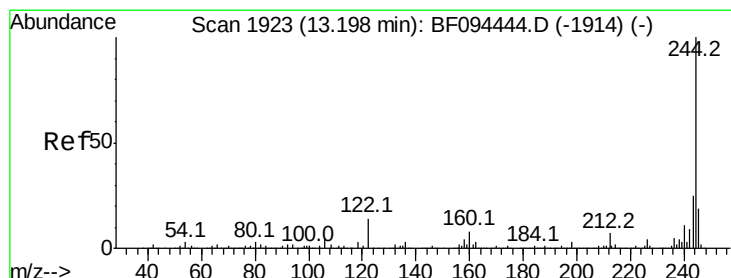
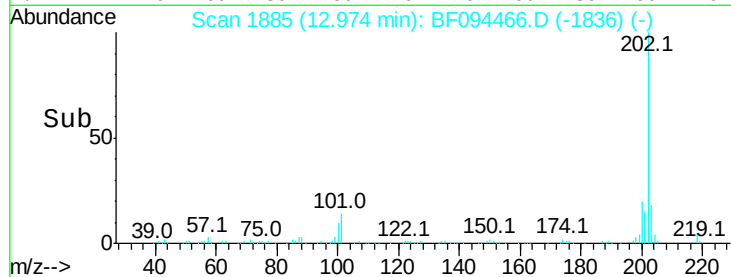
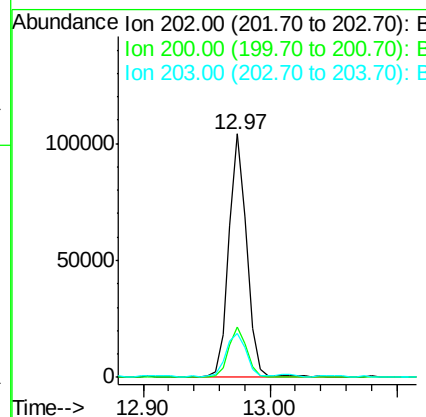
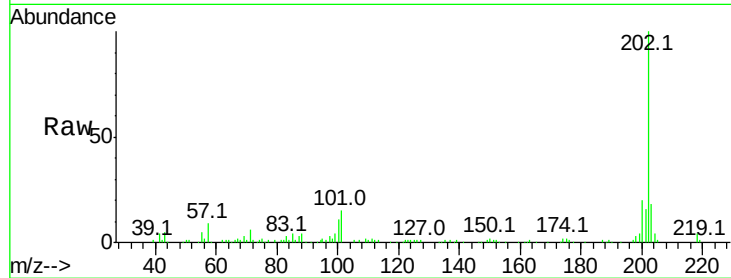
#77
Pvrene
Concen: 3.97 ng
RT: 12.97 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF094466.D
Acq: 17 Apr 2017 22:59

Instrument :
BNA_F
ClientSampled :
E2-Z9-BASE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.5	17.6	26.4
203	17.9	14.4	21.6

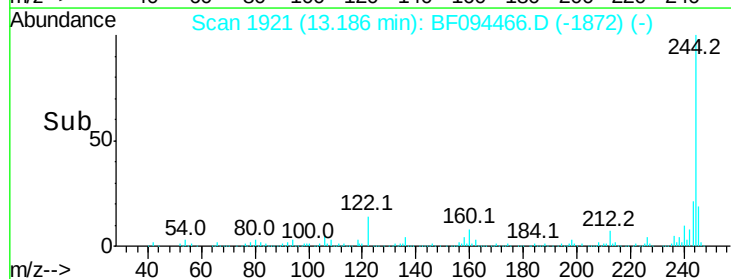
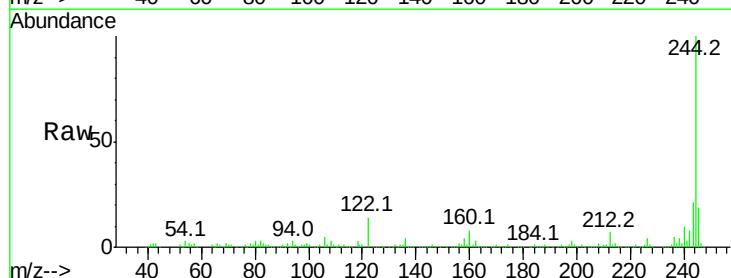
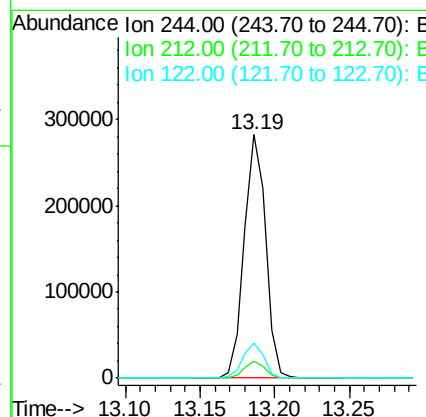
Manual Integrations
APPROVED

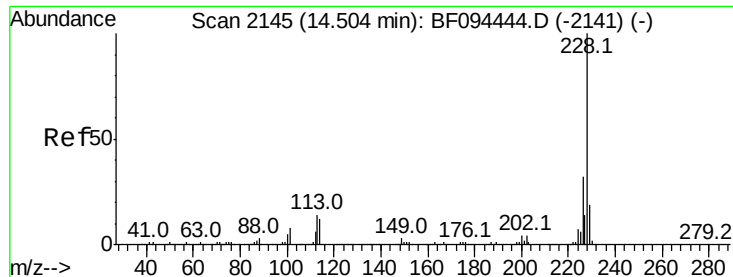
mohammad
4/18/2017 4:55:49 PM



#78
Terphenyl-d14
Concen: 20.53 ng
RT: 13.19 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF094466.D
Acq: 17 Apr 2017 22:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.5	10.3	15.5





#82

Chrysene

Concen: 2.14 ng

RT: 14.49 min Scan# 2142

Delta R.T. -0.02 min

Lab File: BF094466.D

Acq: 17 Apr 2017 22:59

Instrument :

BNA_F

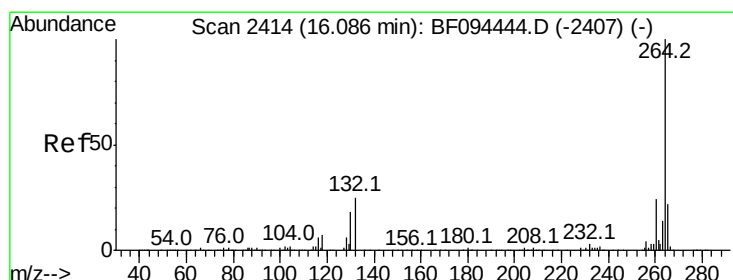
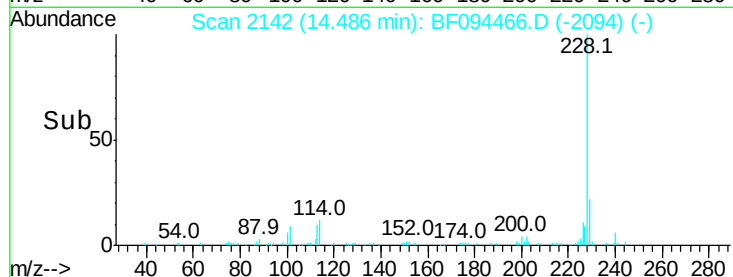
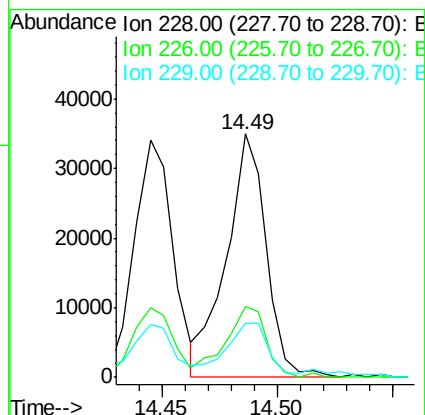
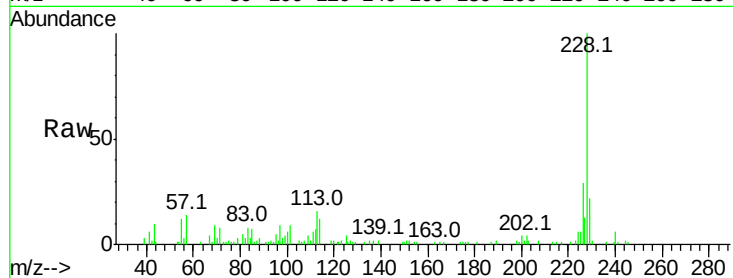
ClientSampleId :

E2-Z9-BASE

Tot Ion:	228	Resp:	41893
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.9	37.3
229	22.1	15.8	23.6

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

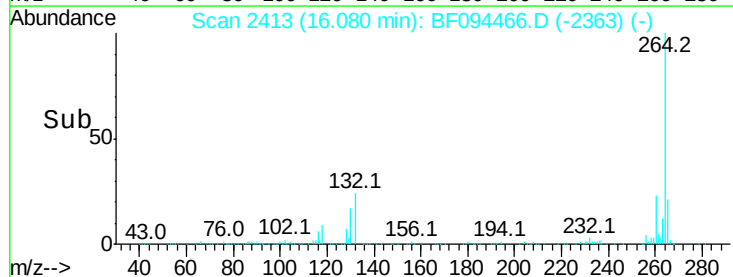
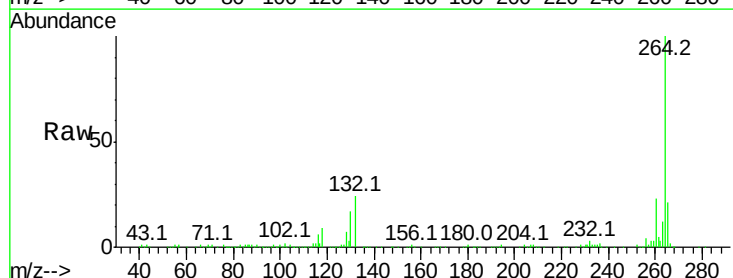
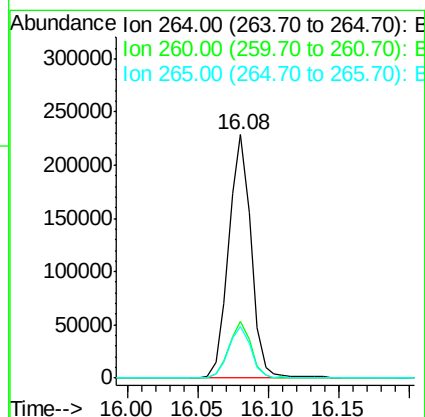
RT: 16.08 min Scan# 2413

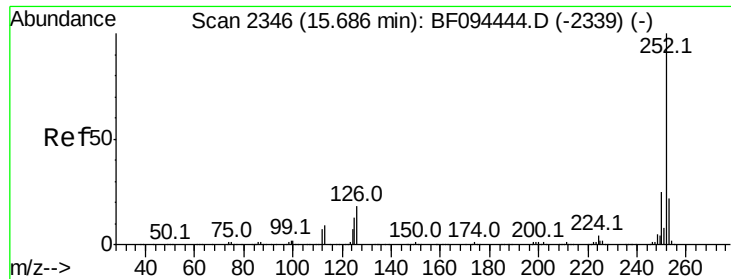
Delta R.T. -0.01 min

Lab File: BF094466.D

Acq: 17 Apr 2017 22:59

Tgt Ion:	264	Resp:	252544
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.5	29.3
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.60 ng

RT: 15.68 min Scan# 2345

Delta R.T. -0.01 min

Lab File: BF094466.D

Acq: 17 Apr 2017 22:59

Instrument :

BNA_F

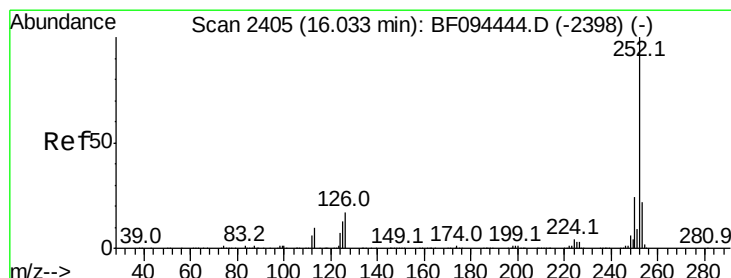
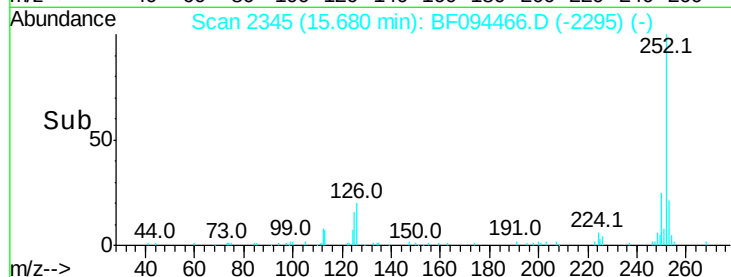
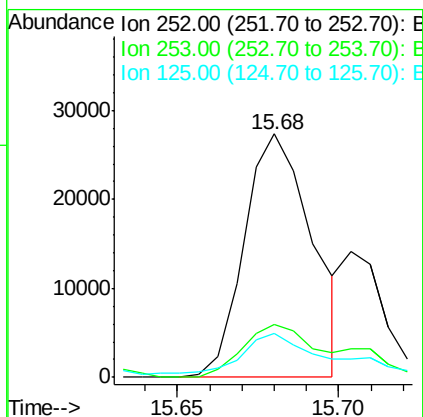
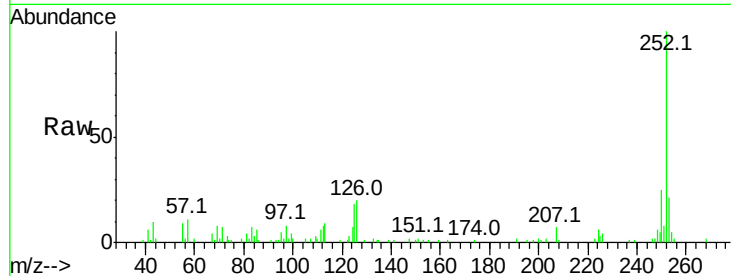
ClientSampleId :

E2-Z9-BASE

Tot Ion:	252	Resp:	40221
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.1	27.1
125	18.1	9.8	14.8

Manual Integrations
APPROVED

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#89

Benzo(a)pyrene

Concen: 2.01 ng

RT: 16.02 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BF094466.D

Acq: 17 Apr 2017 22:59

Tgt Ion:	252	Resp:	28949
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	16.0	11.0	16.4

