

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094565.D
 Acq On : 21 Apr 2017 16:27
 Operator : SJ/MA
 Sample : I2783-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-9

Manual Integrations
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mohammad
 4/24/2017 5:13:01 PM

Quant Time: Apr 22 00:29:54 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	113120	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	439664	20.00	ng	0.00
38) Acenaphthene-d10	9.38	164	217395	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	390035	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	265017	20.00	ng	-0.02
86) Perylene-d12	16.08	264	248160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	75611	11.09	ng	0.00
7) Phenol-d6	5.38	99	548466	68.23	ng	0.00
23) Nitrobenzene-d5	6.41	82	560561	78.73	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	2426	1.43	ng	-0.01
44) 2-Fluorobiphenyl	8.58	172	1165487	78.88	ng	0.00
78) Terphenyl-d14	13.18	244	923990	93.19	ng	-0.01
Target Compounds						
10) Phenol	5.40	94	34647	3.51	ng	90
49) Dimethylphthalate	9.08	163	274457	16.94	ng	100
70) Phenanthrene	11.23	178	89957	4.10	ng	96
74) Fluoranthene	12.69	202	105675	4.64	ng	97
77) Pyrene	12.97	202	93515	5.05	ng	97
80) Benzo(a)anthracene	14.44	228	31574	2.05	ng	99
82) Chrysene	14.48	228	36414m	2.59	ng	
87) Benzo(b)fluoranthene	15.68	252	33873m	2.23	ng	

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

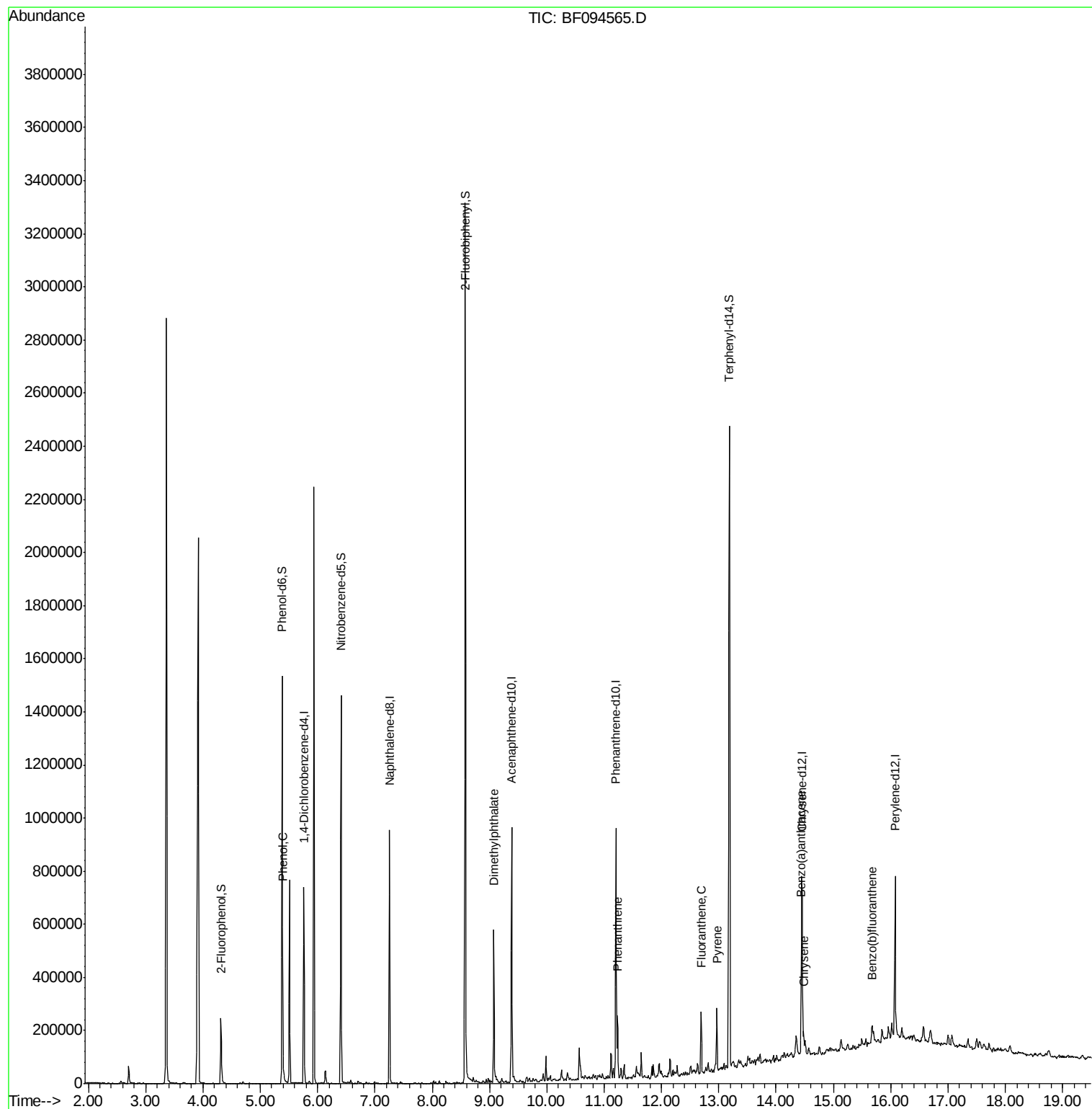
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
Data File : BF094565.D
Acq On : 21 Apr 2017 16:27
Operator : SJ/MA
Sample : I2783-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

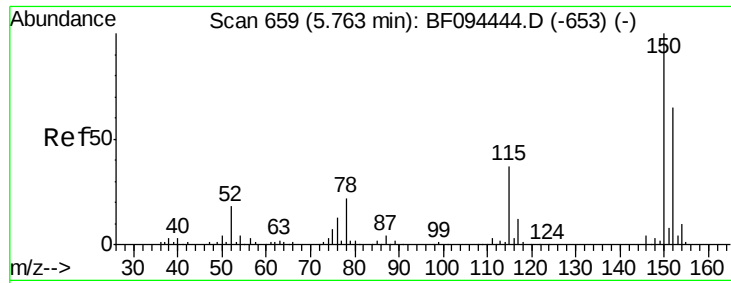
Instrument :
BNA_F
ClientSampleId :
C-9

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Quant Time: Apr 22 00:29:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

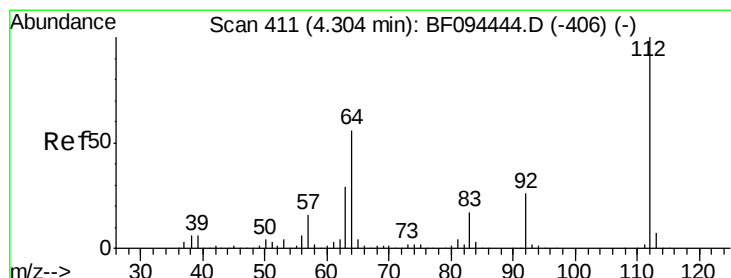
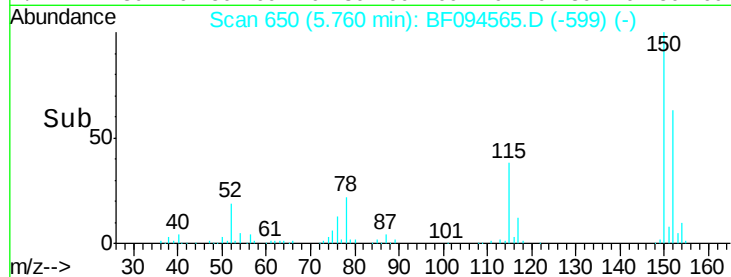
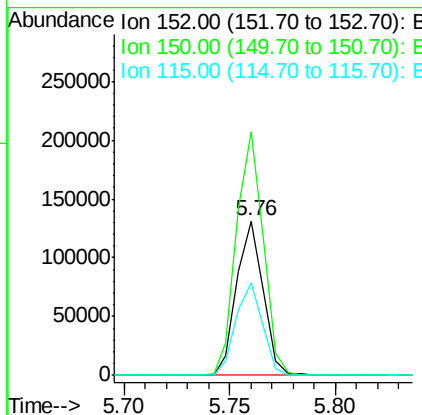
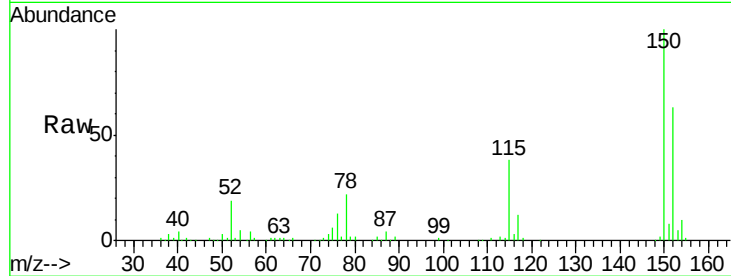
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094565.D
Acq: 21 Apr 2017 16:27

Instrument :
BNA_F
ClientSampled :
C-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	59.7	52.2	78.2

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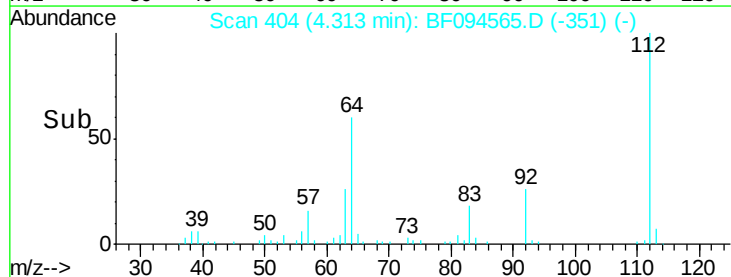
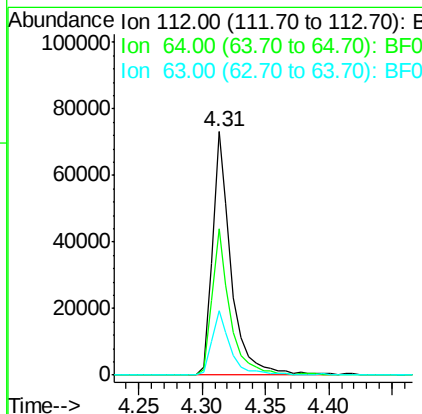
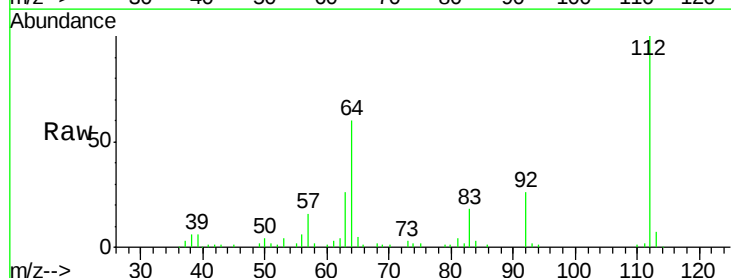
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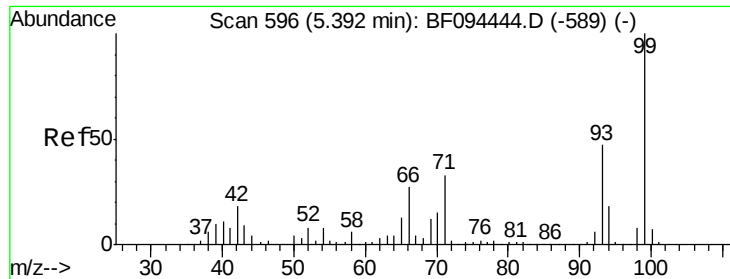


#5

2-Fluorophenol
Concen: 11.09 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094565.D
Acq: 21 Apr 2017 16:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	46.0	69.0
63	26.5	23.4	35.0





#7

Phenol-d6

Concen: 68.23 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094565.D

Acq: 21 Apr 2017 16:27

Instrument :

BNA_F

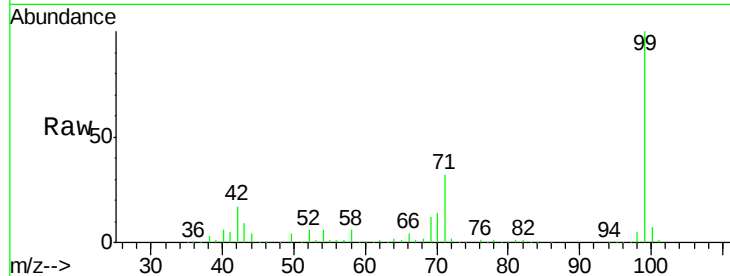
ClientSampled :

C-9

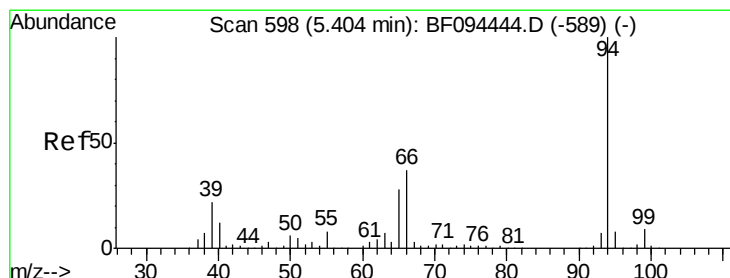
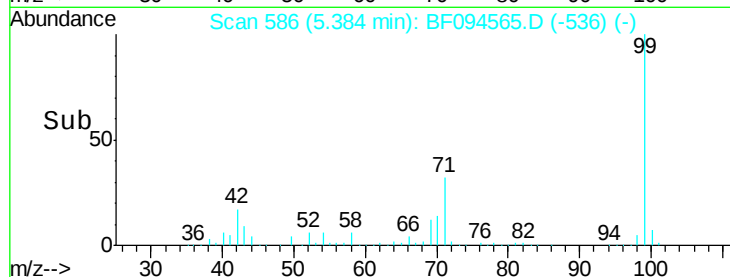
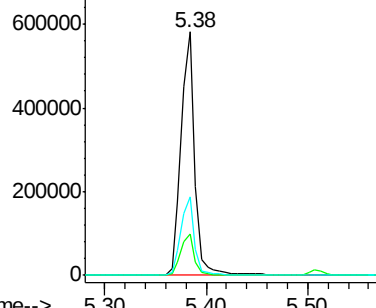
Tot Ion:	99	Resp:	548466
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	32.4	24.5	36.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.51 ng

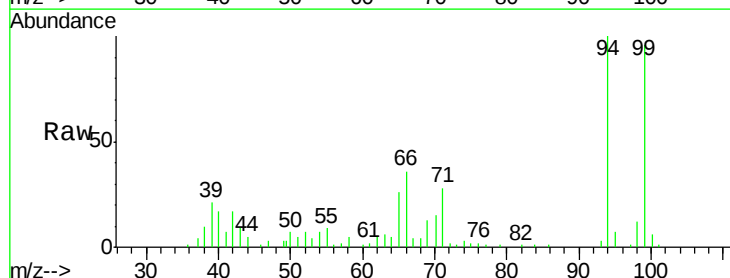
RT: 5.40 min Scan# 588

Delta R.T. -0.01 min

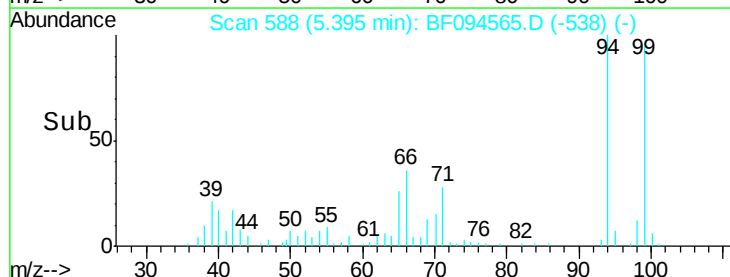
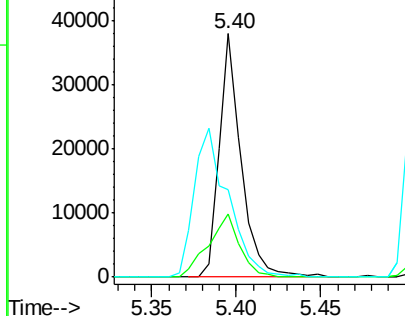
Lab File: BF094565.D

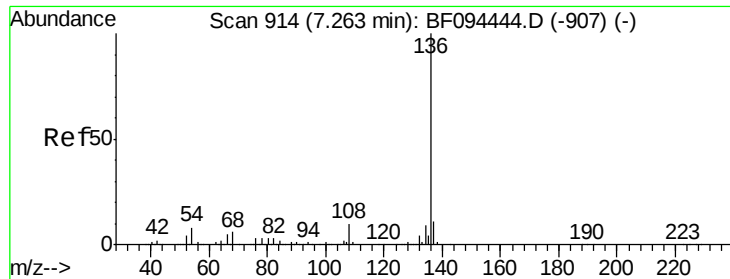
Acq: 21 Apr 2017 16:27

Tgt Ion:	94	Resp:	34647
Ion	Ratio	Lower	Upper
94	100		
65	25.8	9.9	49.9
66	35.7	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094565.D

Acq: 21 Apr 2017 16:27

Instrument :

BNA_F

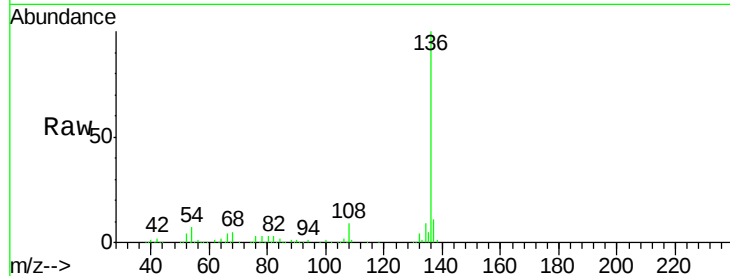
ClientSampleId :

C-9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		439664		
137	11.0		8.5	12.7	
54	6.8		4.9	7.3	
68	5.0		4.1	6.1	

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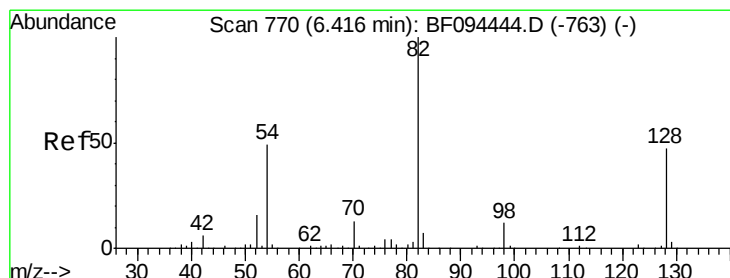
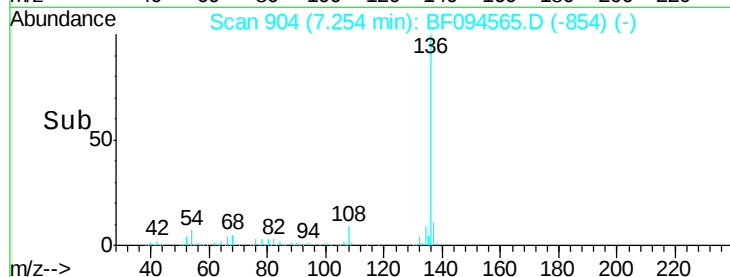
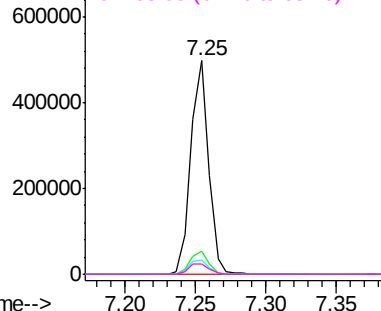


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.73 ng

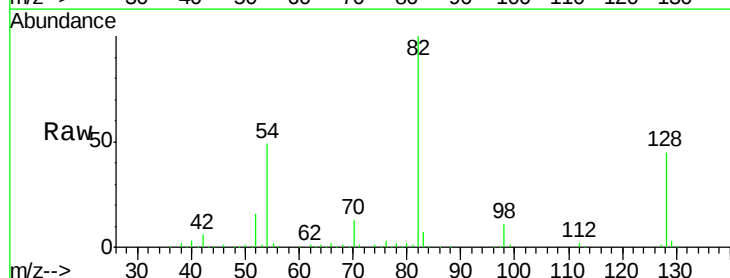
RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094565.D

Acq: 21 Apr 2017 16:27

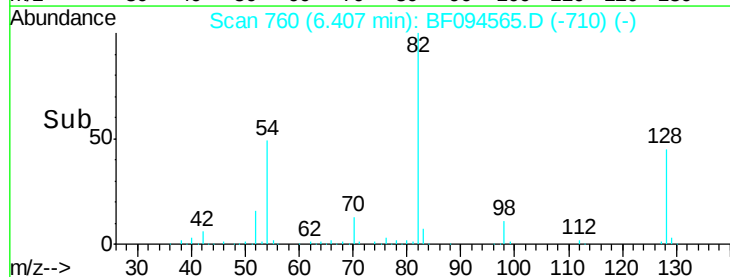
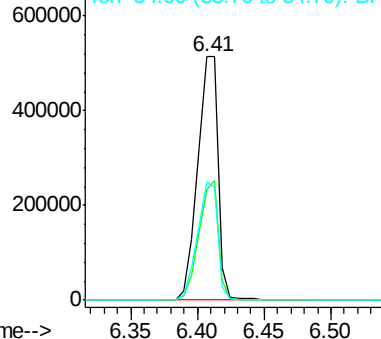
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		560561		
128	45.4		34.0	51.0	
54	48.8		42.2	63.2	

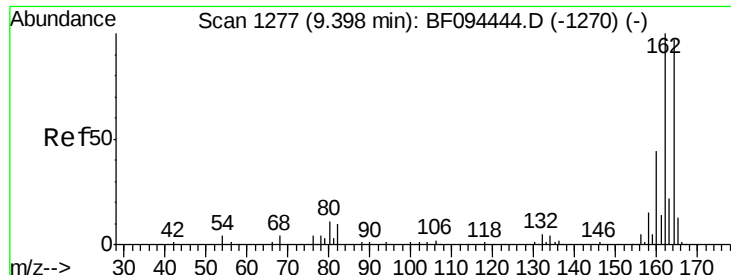


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





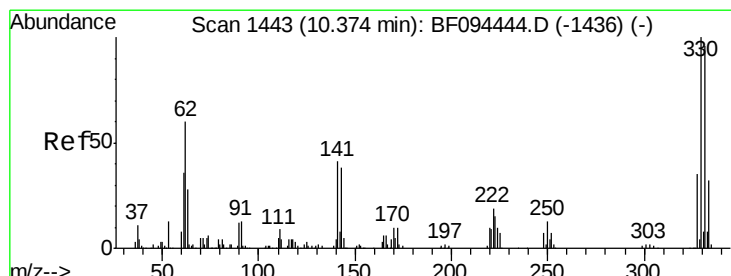
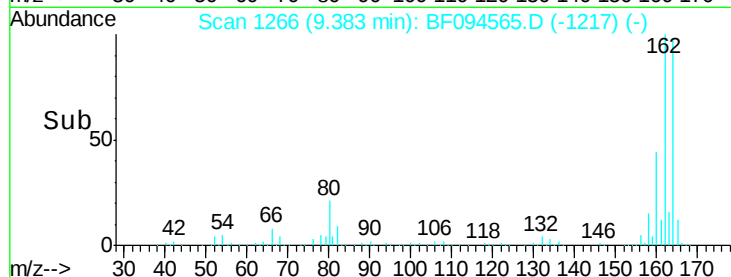
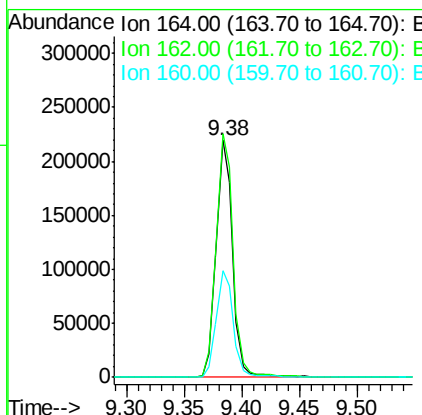
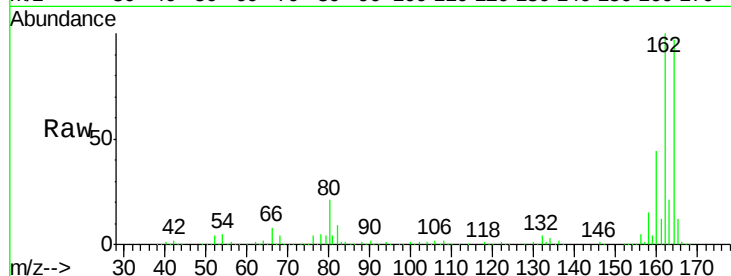
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF094565.D
Acq: 21 Apr 2017 16:27

Instrument :
BNA_F
ClientSampled :
C-9

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	44.9	36.2	54.2

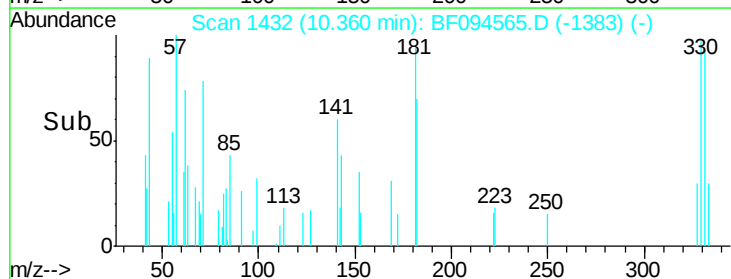
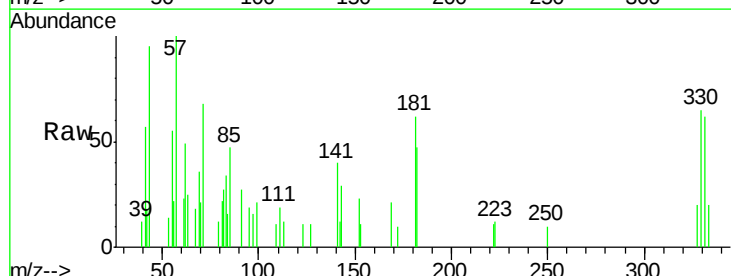
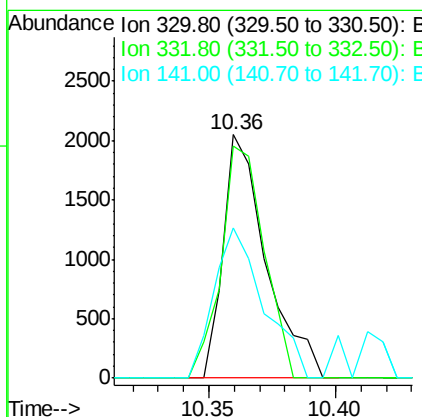
Manual Integrations
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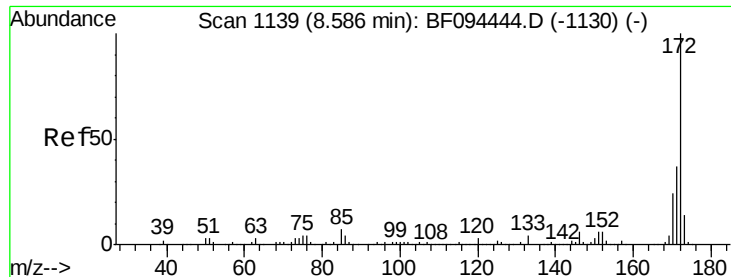
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#41
2,4,6-Tribromophenol
Concen: 1.43 ng
RT: 10.36 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF094565.D
Acq: 21 Apr 2017 16:27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	71.2	31.4	47.2





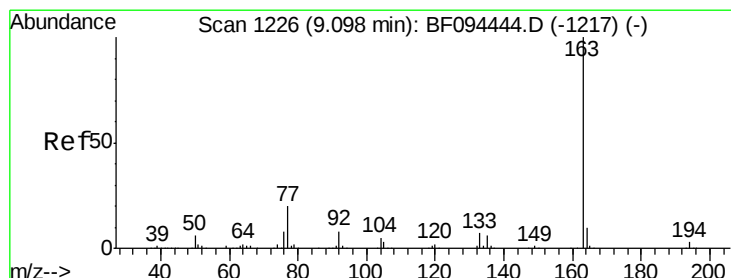
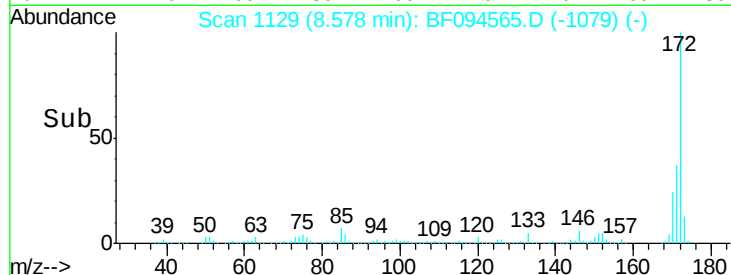
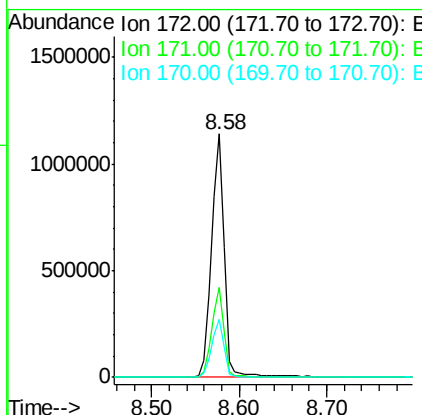
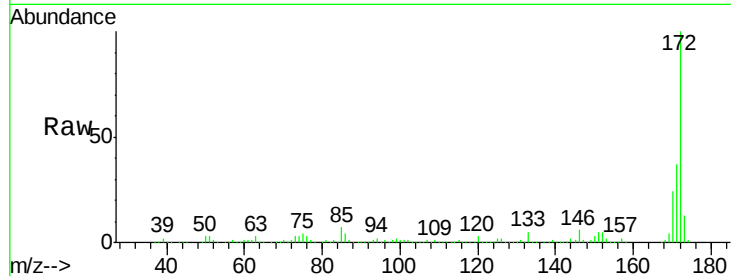
#44
2-Fluorobiphenyl
Concen: 78.88 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094565.D
Acq: 21 Apr 2017 16:27

Instrument :
BNA_F
ClientSampleId :
C-9

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	23.9	19.8	29.8

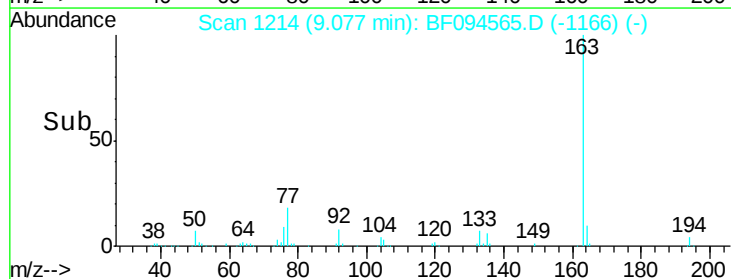
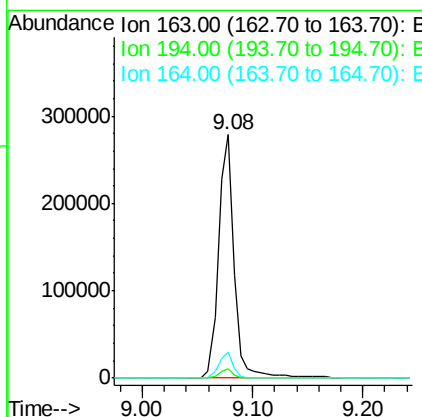
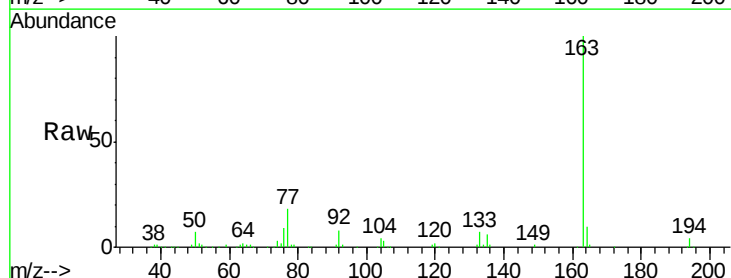
Manual Integrations
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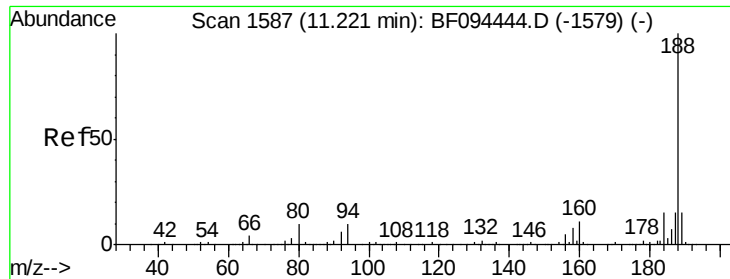
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#49
Dimethylphthalate
Concen: 16.94 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094565.D
Acq: 21 Apr 2017 16:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.4	8.4	12.6





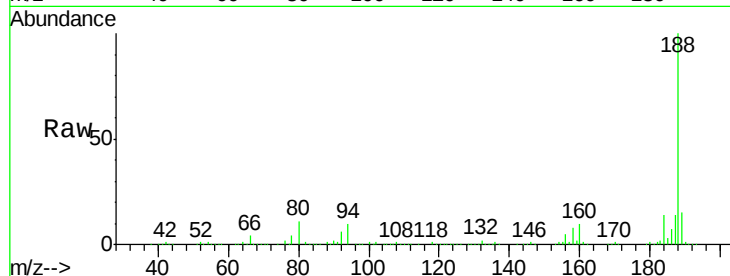
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094565.D
Acq: 21 Apr 2017 16:27

Instrument :
BNA_F
ClientSampleId :
C-9

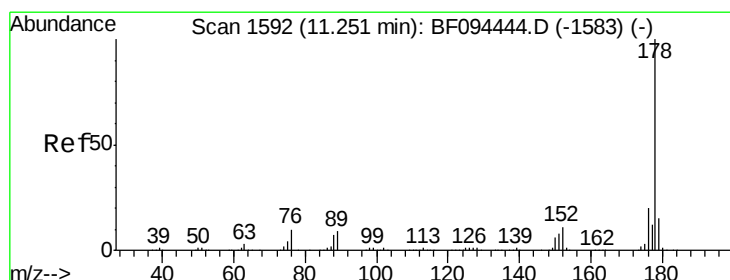
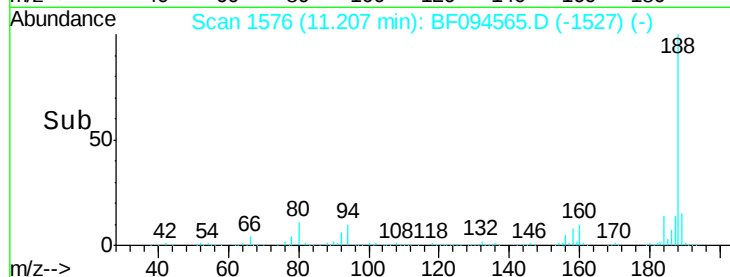
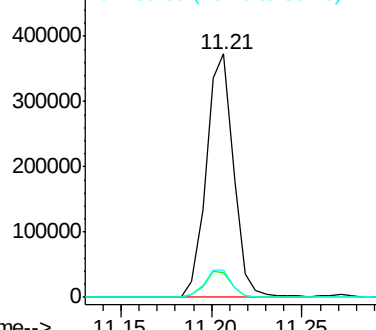
Tot Ion	Ratio	Resp	Lower	Upper
188	100	390035		
94	10.2		9.4	14.2
80	11.2		10.2	15.2

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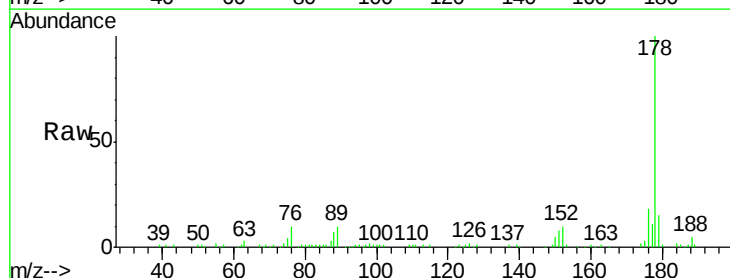


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

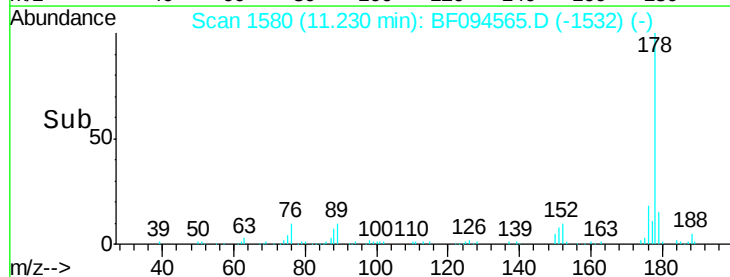
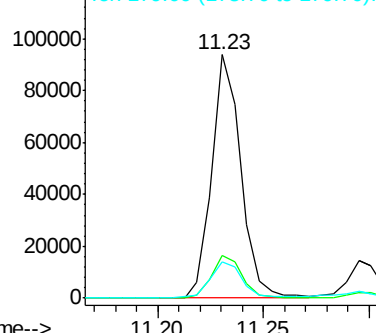


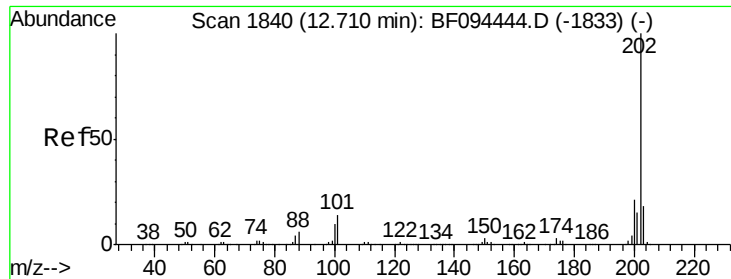
#70
Phenanthrene
Concen: 4.10 ng
RT: 11.23 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF094565.D
Acq: 21 Apr 2017 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	89957		
176	17.7		16.2	24.4
179	15.1		12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.64 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF094565.D

Acq: 21 Apr 2017 16:27

Instrument :

BNA_F

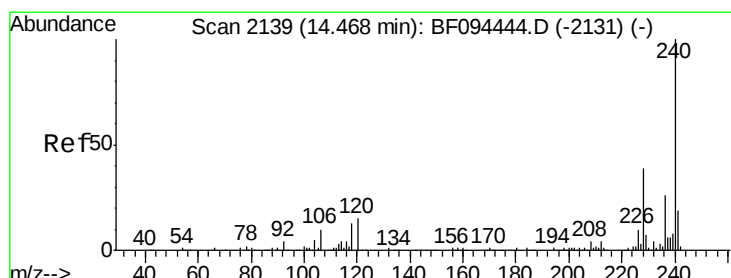
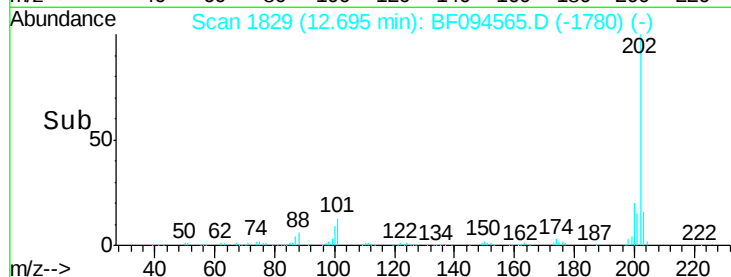
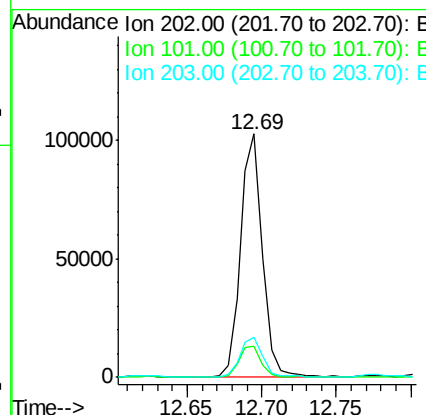
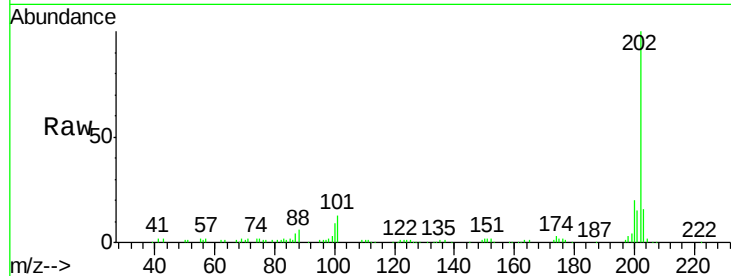
ClientSampled :

C-9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.5	0.0	33.2
203	16.2	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

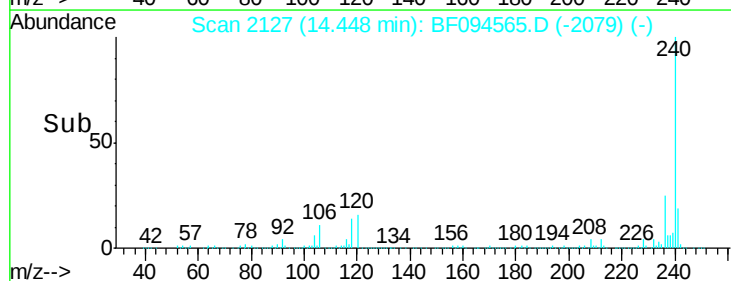
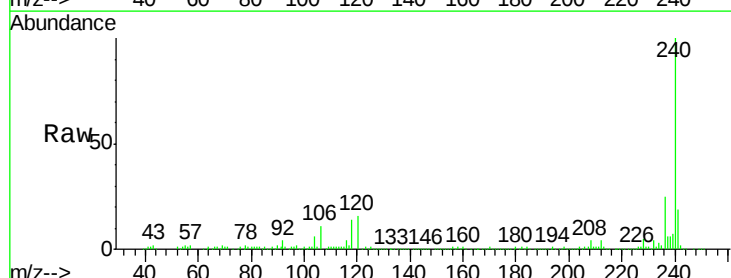
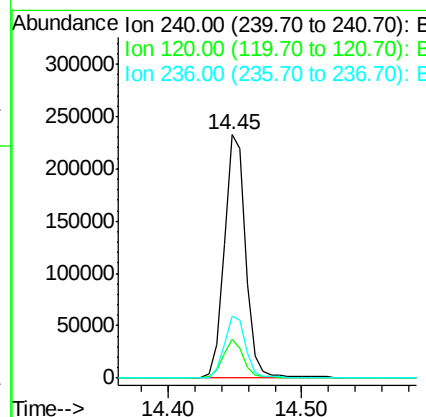
RT: 14.45 min Scan# 2127

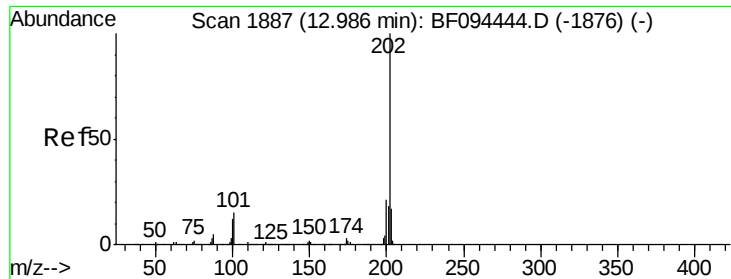
Delta R.T. -0.02 min

Lab File: BF094565.D

Acq: 21 Apr 2017 16:27

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	25.1	20.5	30.7





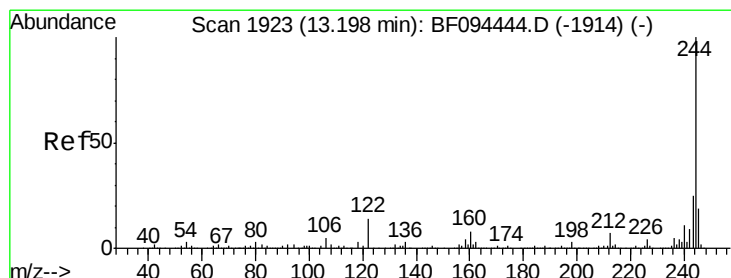
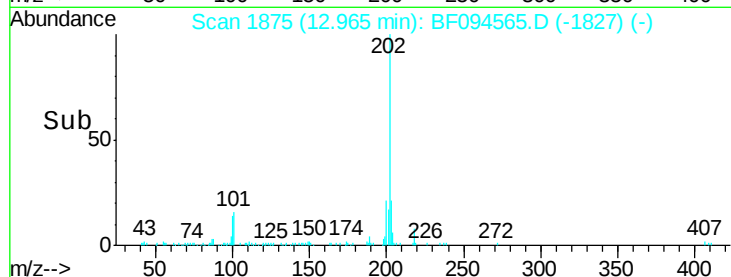
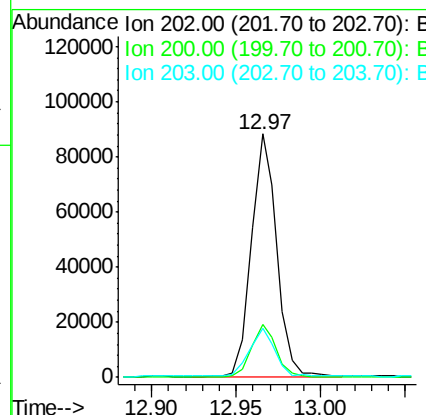
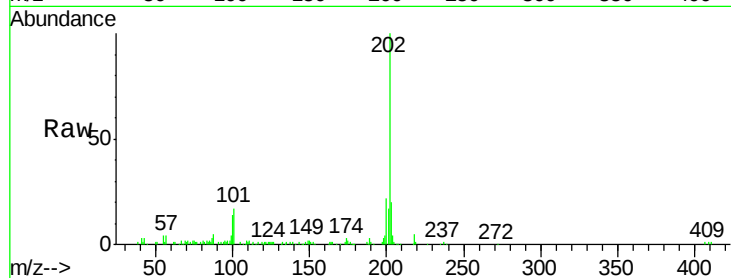
#77
Pvrene
Concen: 5.05 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BF094565.D
Acq: 21 Apr 2017 16:27

Instrument :
BNA_F
ClientSampleId :
C-9

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	20.1	14.4	21.6

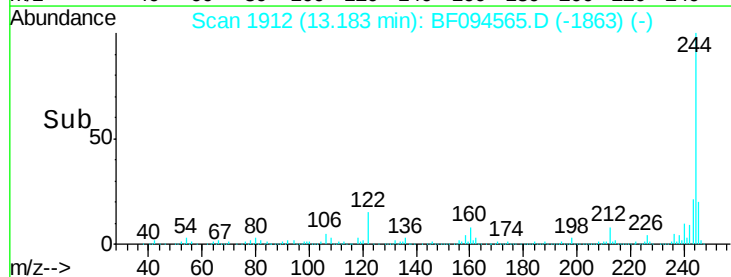
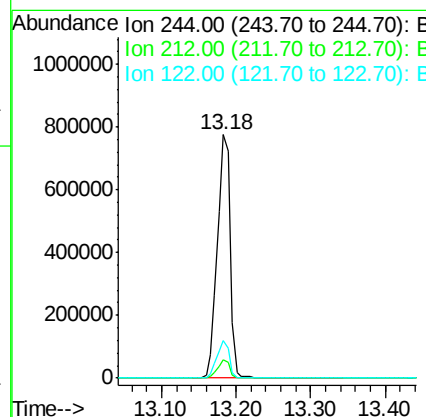
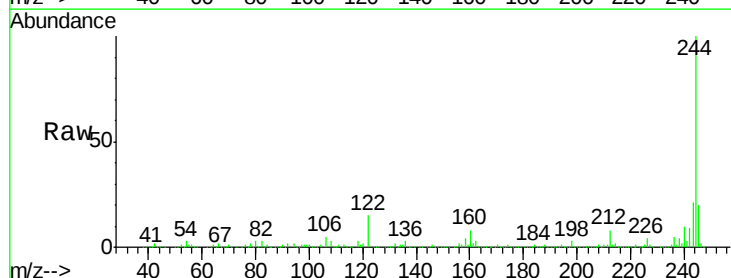
Manual Integrations
APPROVED

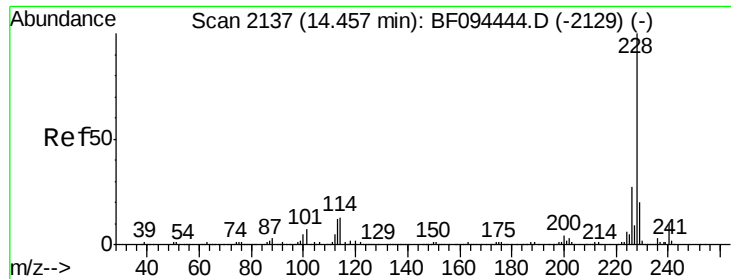
mohammad
4/24/2017 5:13:01 PM



#78
Terphenyl-d14
Concen: 93.19 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094565.D
Acq: 21 Apr 2017 16:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	15.3	10.3	15.5





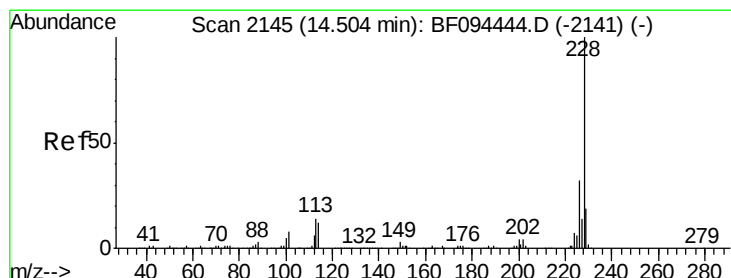
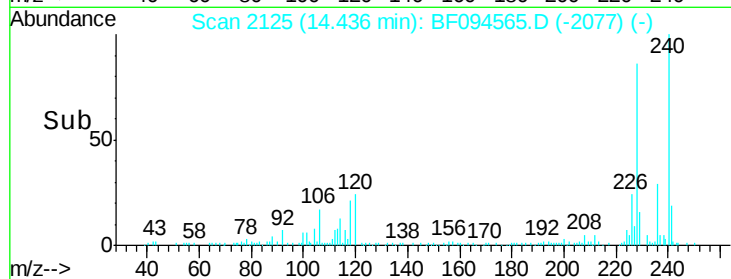
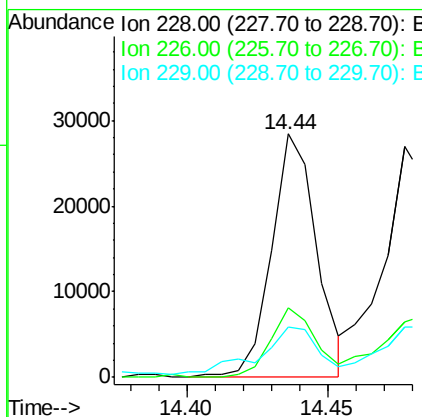
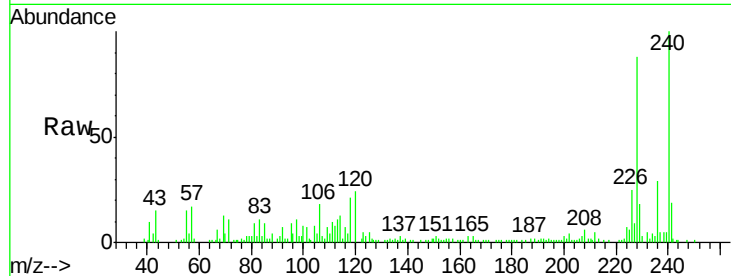
#80
Benzo(a)anthracene
Concen: 2.05 ng
RT: 14.44 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BF094565.D
Acq: 21 Apr 2017 16:27

Instrument :
BNA_F
ClientSampled :
C-9

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.8	16.3	24.5

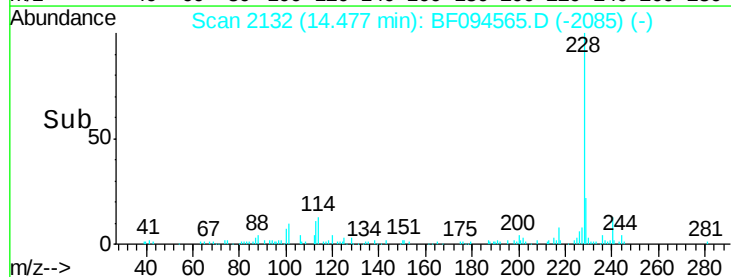
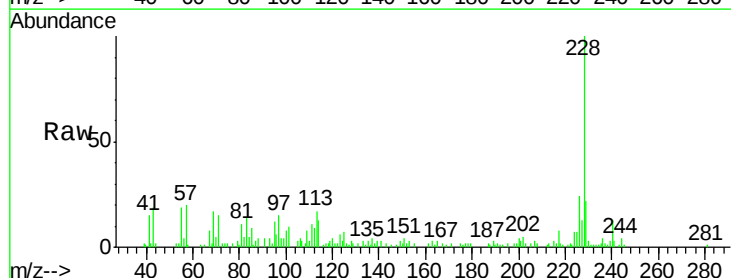
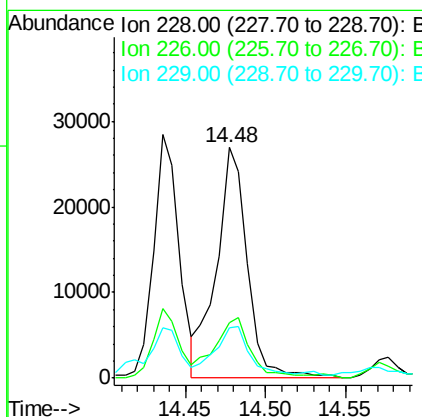
Manual Integrations
APPROVED

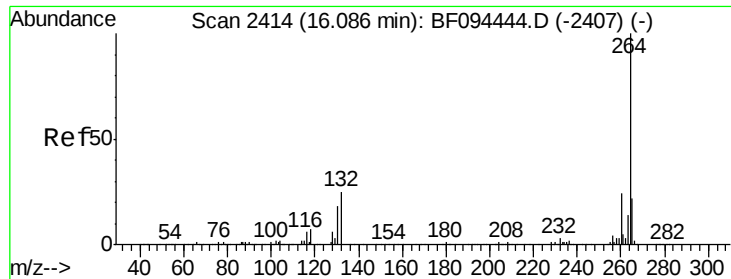
mohammad
4/24/2017 5:13:01 PM



#82
Chrysene
Concen: 2.59 ng m
RT: 14.48 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BF094565.D
Acq: 21 Apr 2017 16:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	24.3	24.9	37.3#
229	21.7	15.8	23.6





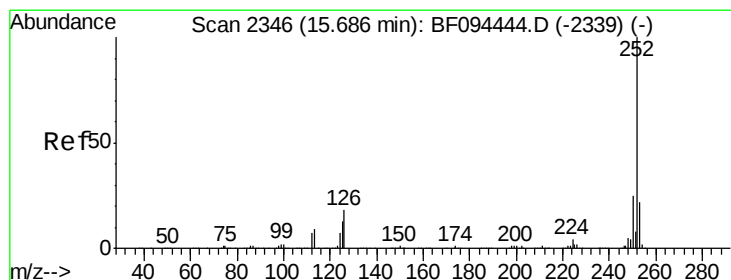
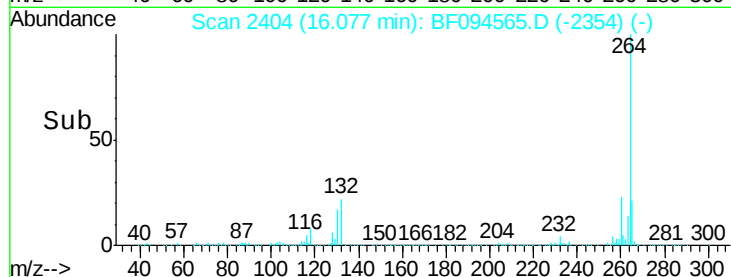
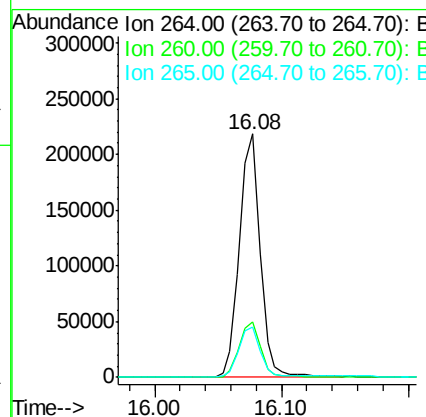
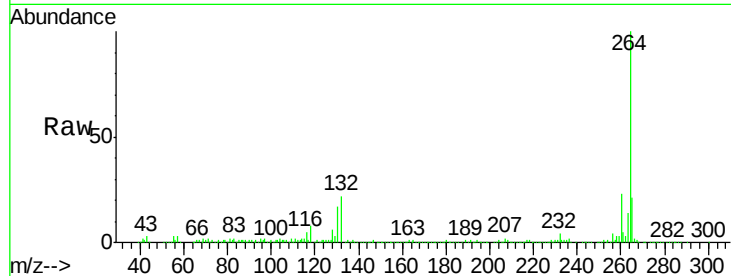
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094565.D
Acq: 21 Apr 2017 16:27

Instrument :
BNA_F
ClientSampled :
C-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	20.9	17.2	25.8

Manual Integrations
APPROVED

mohammad
4/24/2017 5:13:01 PM



#87
Benzo(b)fluoranthene
Concen: 2.23 ng m
RT: 15.68 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BF094565.D
Acq: 21 Apr 2017 16:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	20.2	9.8	14.8#

