

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095255.D
 Acq On : 19 May 2017 9:25
 Operator : SJ/MA
 Sample : I3186-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T4-BASE

Manual Integrations
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Quant Time: May 19 11:41:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	107829	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	422328	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	166213	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	272065	20.00	ng	0.00
75) Chrysene-d12	18.69	240	174405	20.00	ng	0.00
86) Perylene-d12	20.37	264	166556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	686431	106.13	ng	0.00
7) Phenol-d6	7.31	99	873654	112.58	ng	0.00
23) Nitrobenzene-d5	8.67	82	491704	73.42	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	151915	111.60	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	844956	73.17	ng	0.00
78) Terphenyl-d14	17.34	244	588654	74.34	ng	-0.01
Target Compounds						
10) Phenol	7.34	94	17525	2.14	ng	Qvalue # 61
49) Dimethylphthalate	12.25	163	217591	15.95	ng	99
70) Phenanthrene	15.07	178	34322	2.20	ng	96
74) Fluoranthene	16.81	202	53098	3.31	ng	97
77) Pyrene	17.11	202	48017	3.68	ng	96
87) Benzo(b)fluoranthene	19.97	252	20872m	2.03	ng	

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

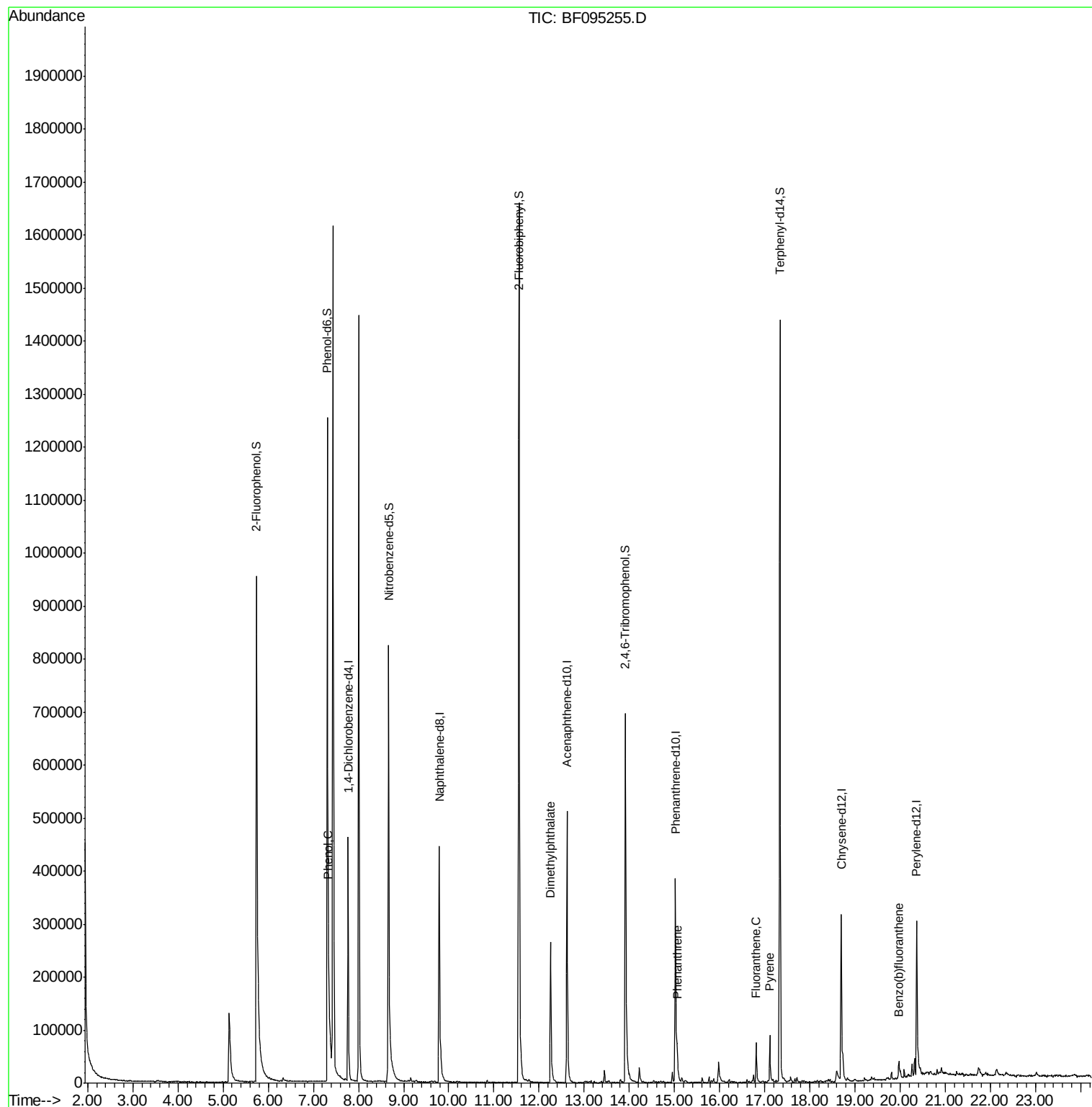
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
Data File : BF095255.D
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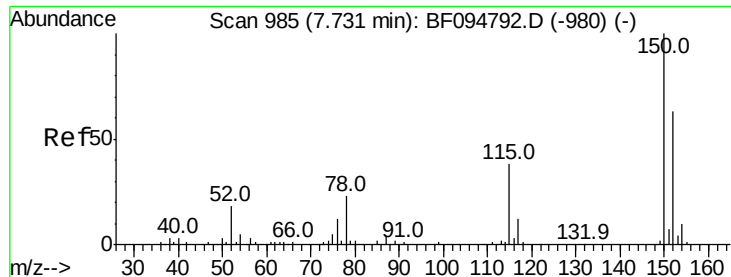
Instrument :
BNA_F
ClientSampleId :
E2-T4-BASE

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Quant Time: May 19 11:41:57 2017
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#1

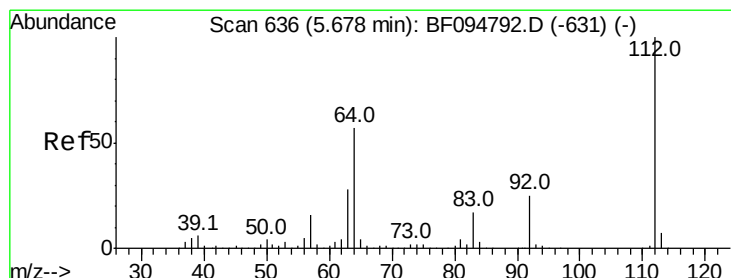
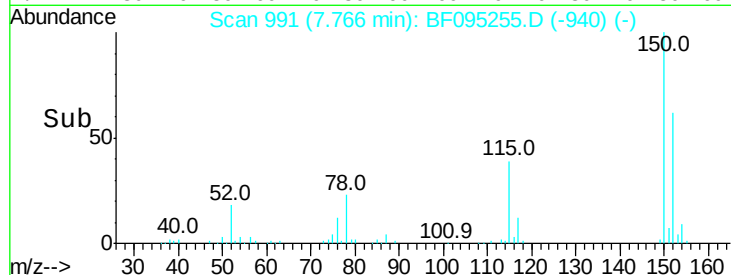
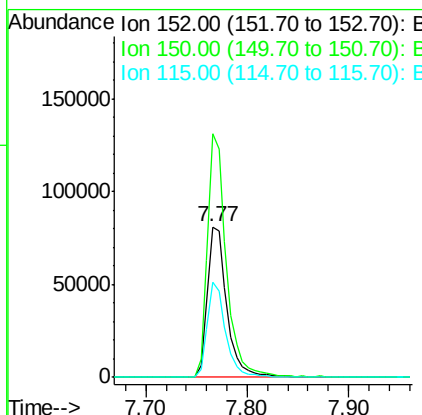
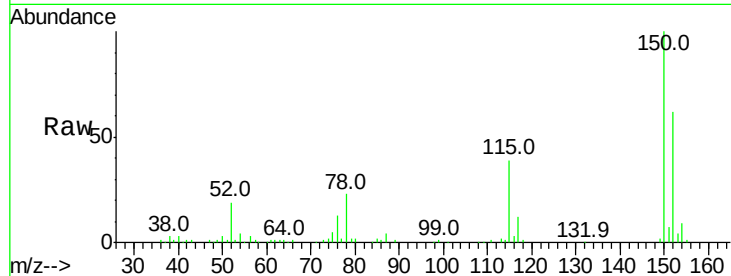
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095255.D
Acq: 19 May 2017 9:25

Instrument :
BNA_F
ClientSampleId :
E2-T4-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.2	189.2
115	63.0	52.2	78.2

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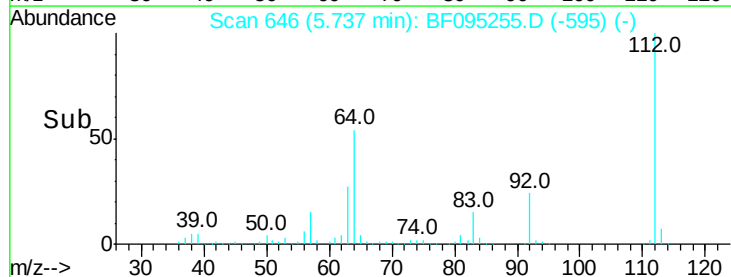
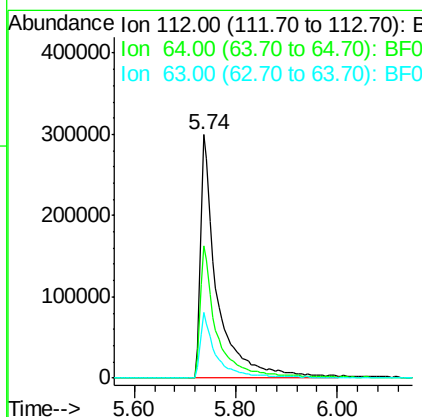
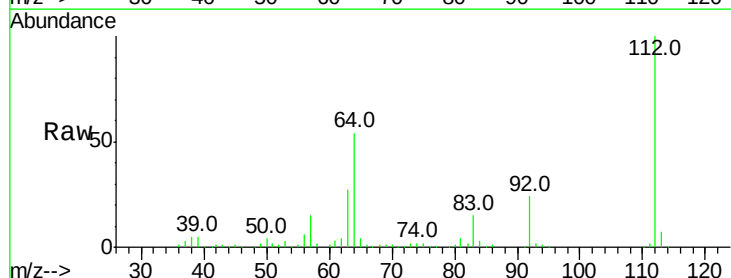
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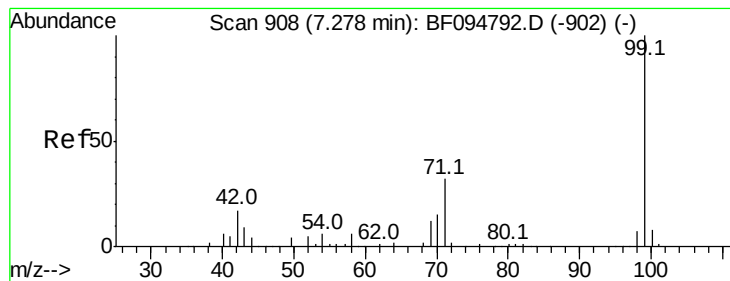


#5

2-Fluorophenol
Concen: 106.13 ng
RT: 5.74 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF095255.D
Acq: 19 May 2017 9:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	26.9	23.4	35.0





#7

Phenol-d6

Concen: 112.58 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095255.D

Acq: 19 May 2017 9:25

Instrument :

BNA_F

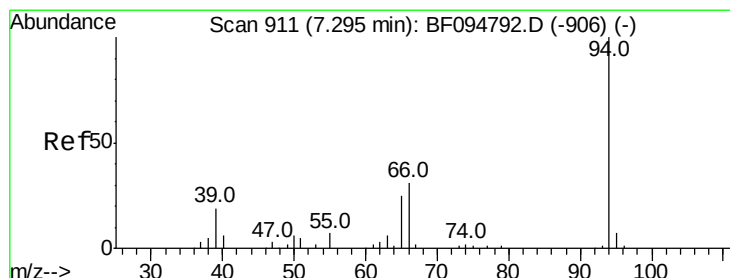
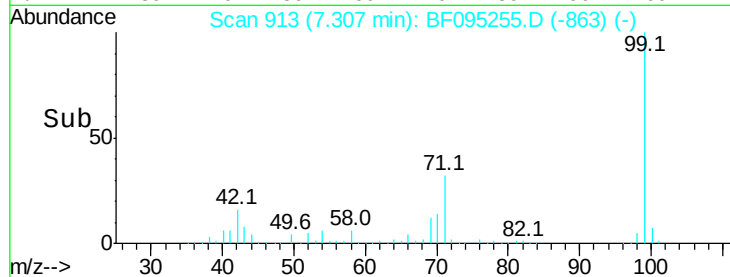
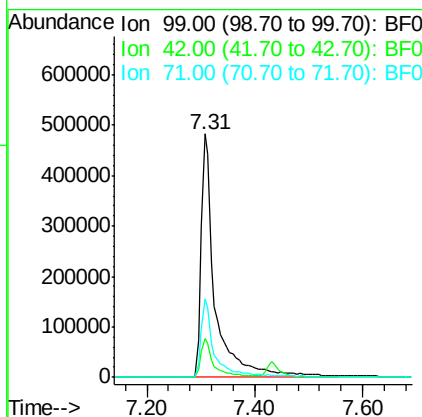
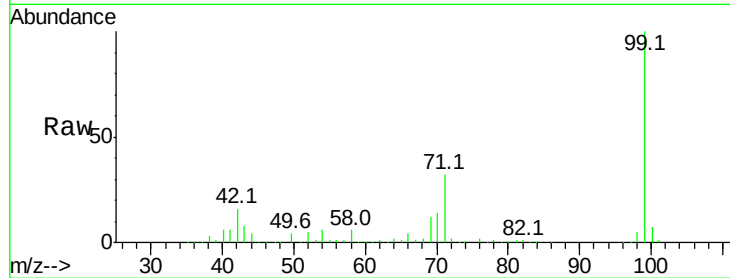
ClientSampleId :

E2-T4-BASE

Tot Ion:	99	Resp:	873654
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	32.2	24.5	36.7

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#10

Phenol

Concen: 2.14 ng

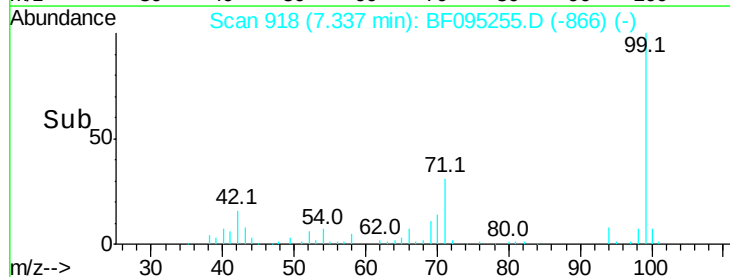
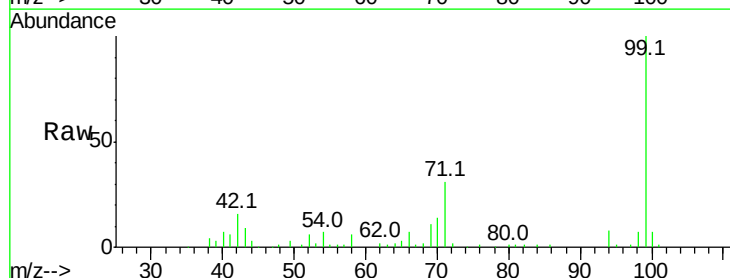
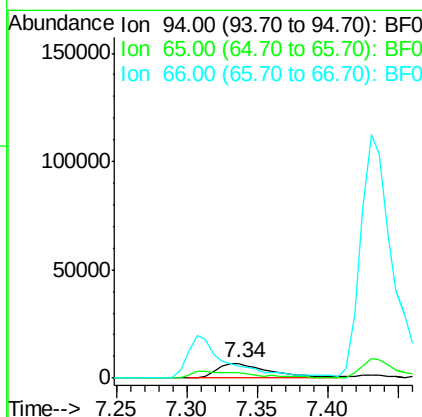
RT: 7.34 min Scan# 918

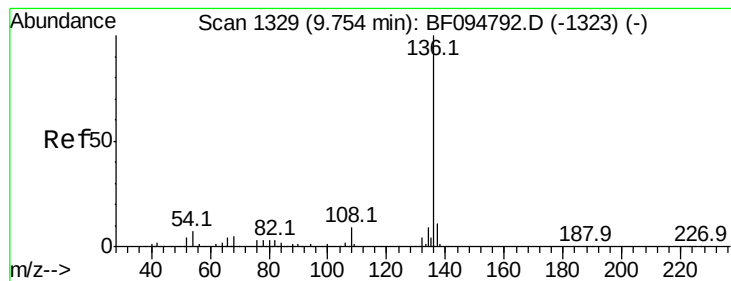
Delta R.T. 0.01 min

Lab File: BF095255.D

Acq: 19 May 2017 9:25

Tgt Ion:	94	Resp:	17525
Ion	Ratio	Lower	Upper
94	100		
65	33.2	9.9	49.9
66	83.1	23.1	63.1#





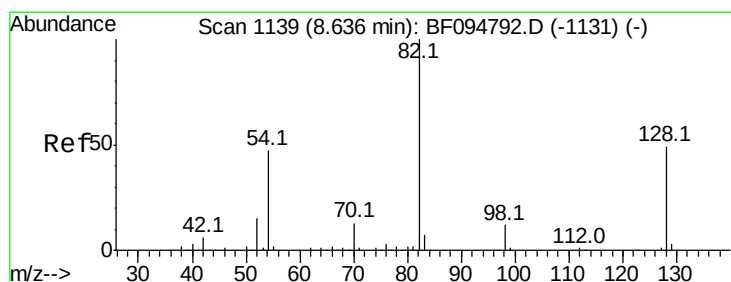
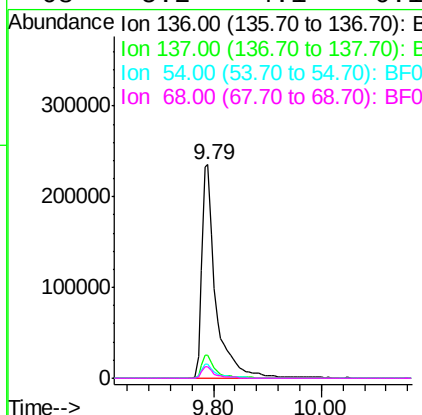
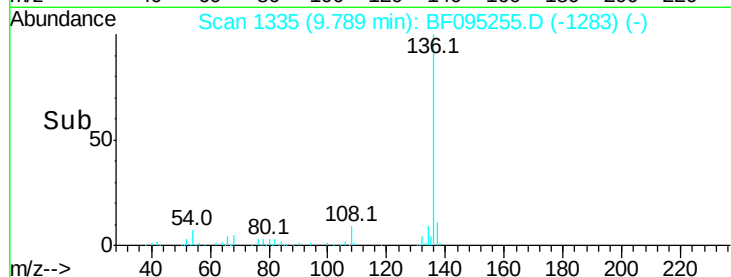
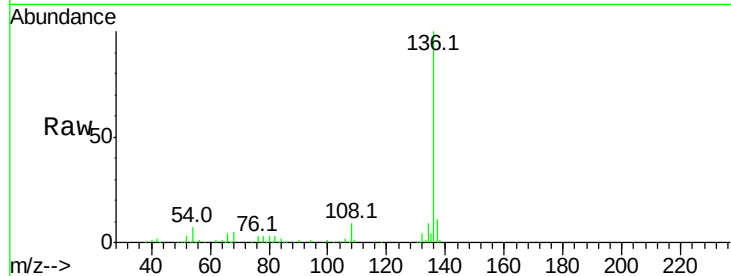
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF095255.D
Acq: 19 May 2017 9:25

Instrument :
BNA_F
ClientSampleId :
E2-T4-BASE

Tot Ion	Ratio	Resp	Lower	Upper
136	100	422328		
137	10.6		8.5	12.7
54	6.7		4.9	7.3
68	5.2		4.1	6.1

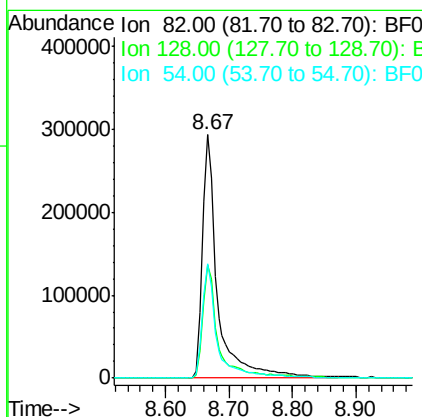
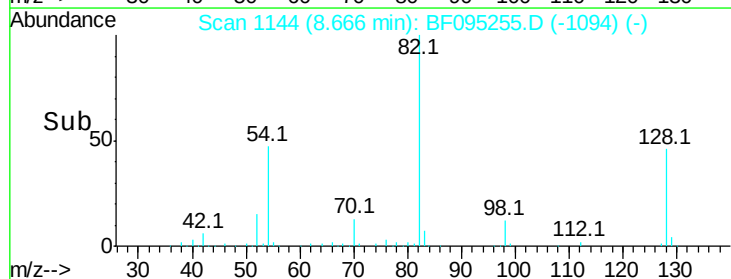
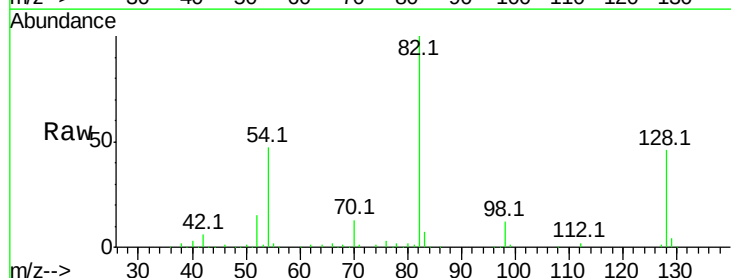
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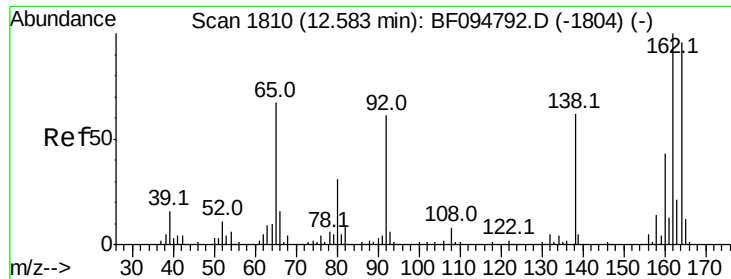
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#23
Nitrobenzene-d5
Concen: 73.42 ng
RT: 8.67 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF095255.D
Acq: 19 May 2017 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	491704		
128	46.3		34.0	51.0
54	46.9		42.2	63.2





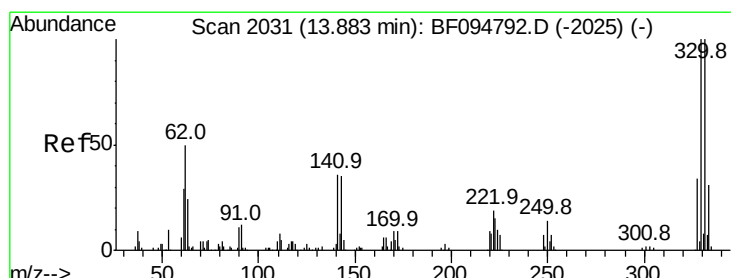
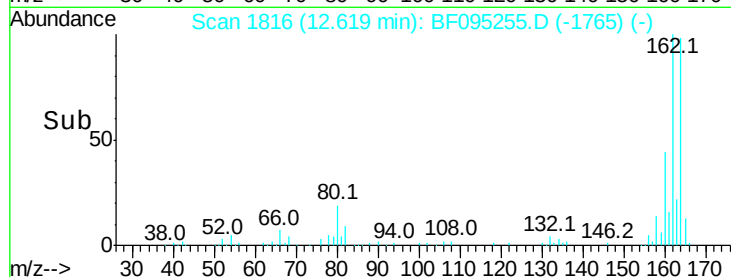
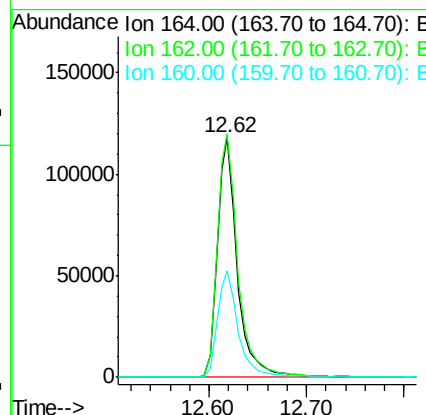
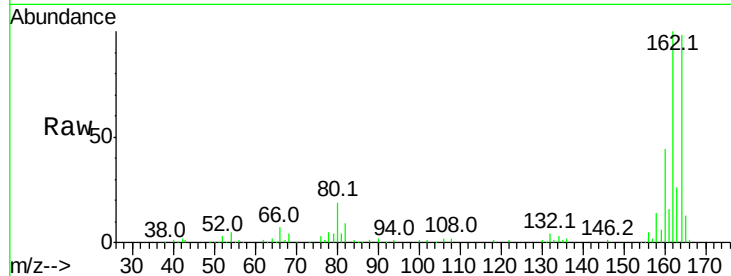
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF095255.D
Acq: 19 May 2017 9:25

Instrument :
BNA_F
ClientSampleId :
E2-T4-BASE

Tot Ion	Ratio	Resp	Lower	Upper
164	100	166213		
162	101.6	82.6	123.8	
160	44.2	36.2	54.2	

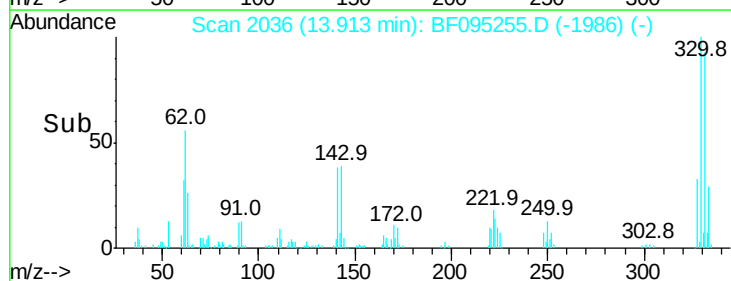
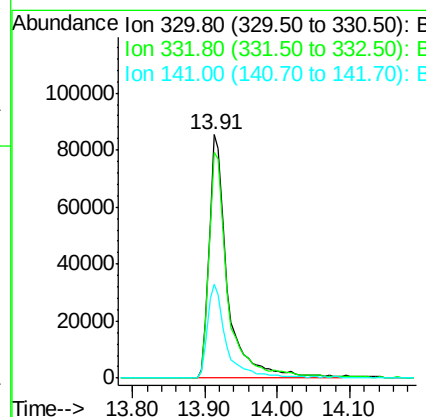
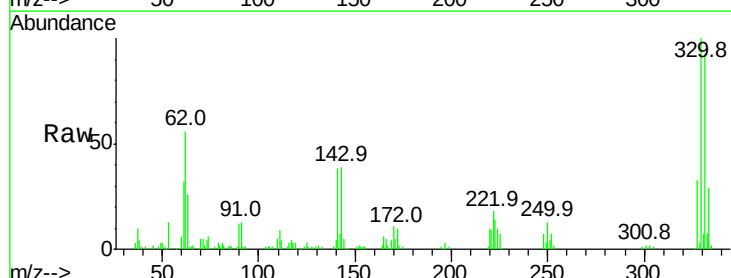
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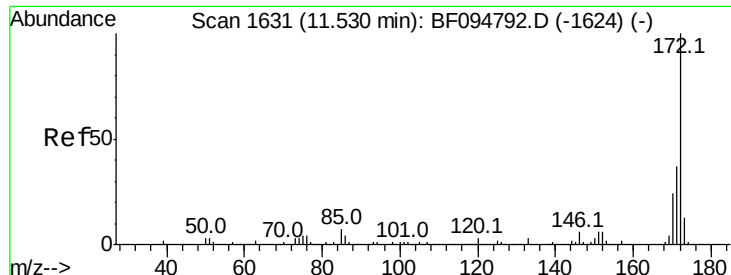
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#41
2,4,6-Tribromophenol
Concen: 111.60 ng
RT: 13.91 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF095255.D
Acq: 19 May 2017 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	151915		
332	95.3	76.6	115.0	
141	38.8	31.4	47.2	





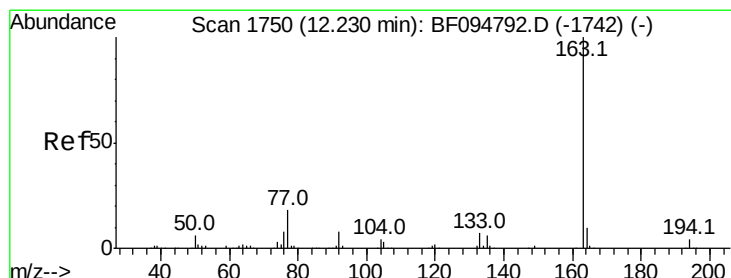
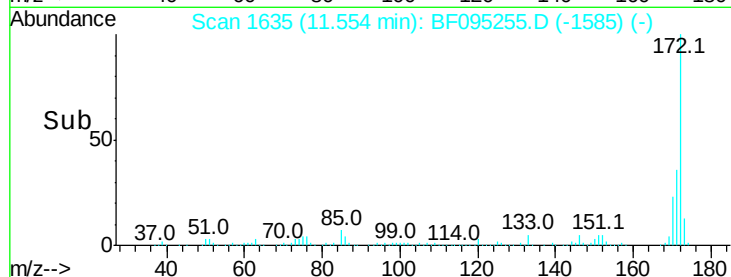
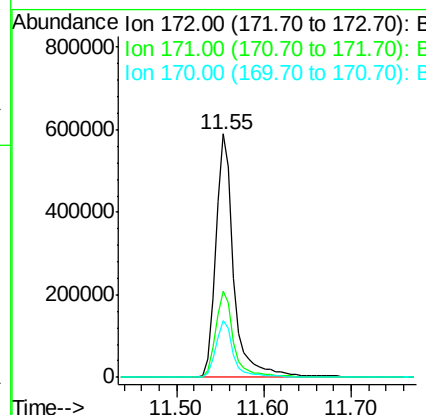
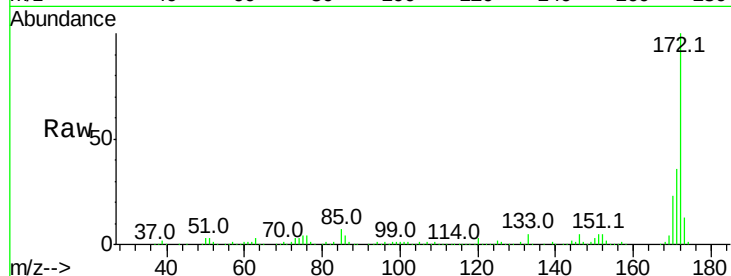
#44
2-Fluorobiphenyl
Concen: 73.17 ng
RT: 11.55 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF095255.D
Acq: 19 May 2017 9:25

Instrument :
BNA_F
ClientSampleId :
E2-T4-BASE

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	29.6	44.4	
170	23.3	19.8	29.8	

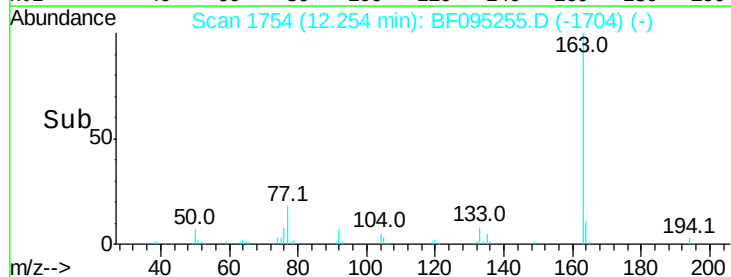
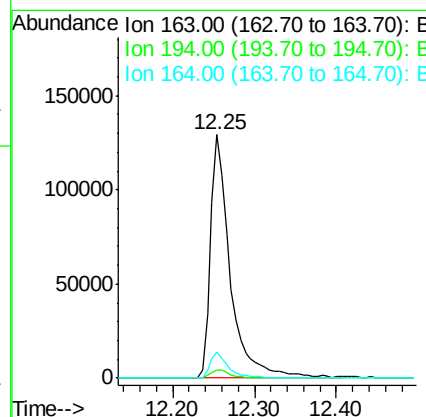
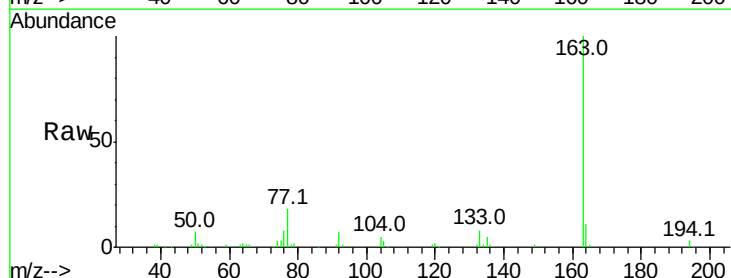
Manual Integrations
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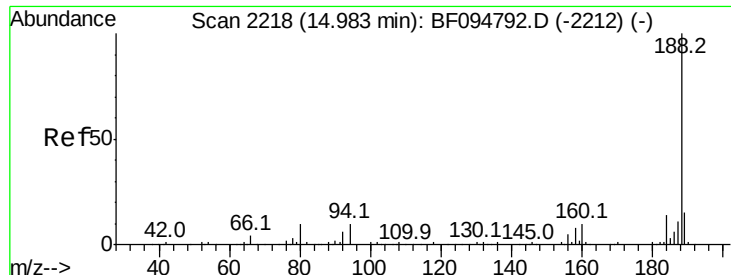
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#49
Dimethylphthalate
Concen: 15.95 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095255.D
Acq: 19 May 2017 9:25

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	2.6	4.0	
164	10.8	8.4	12.6	





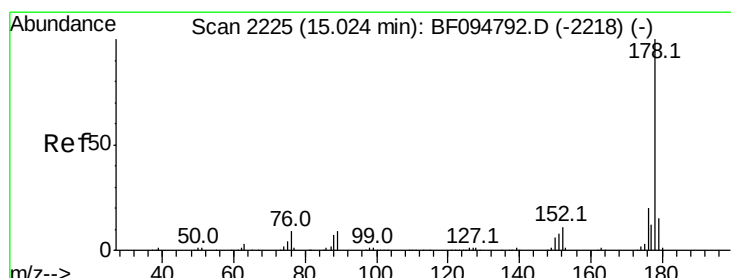
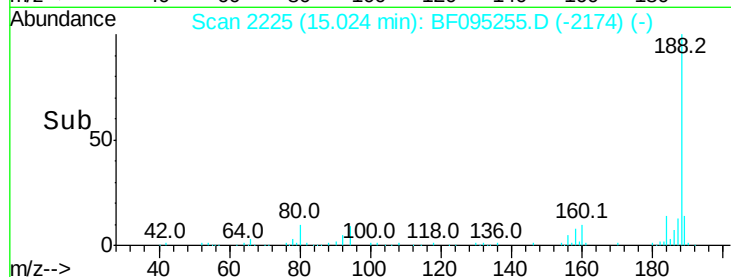
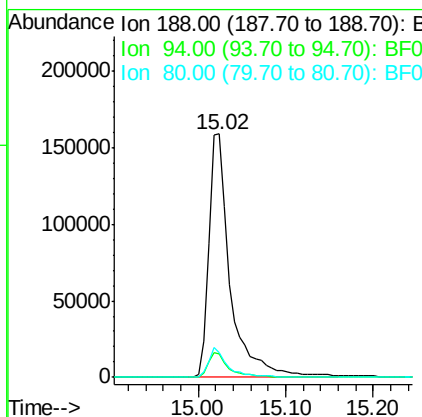
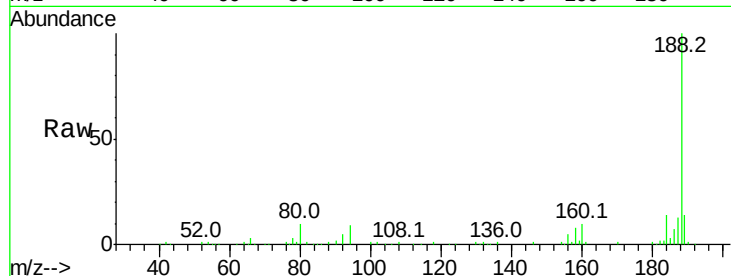
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-T4-BASE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.1	10.2	15.2#

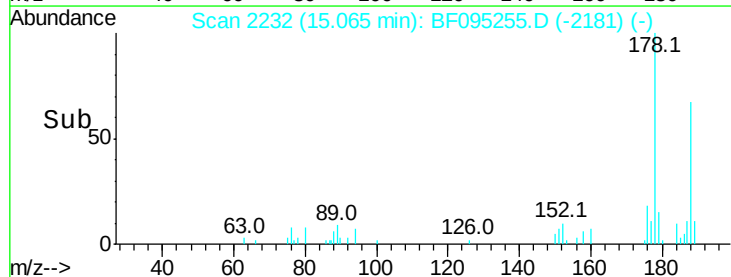
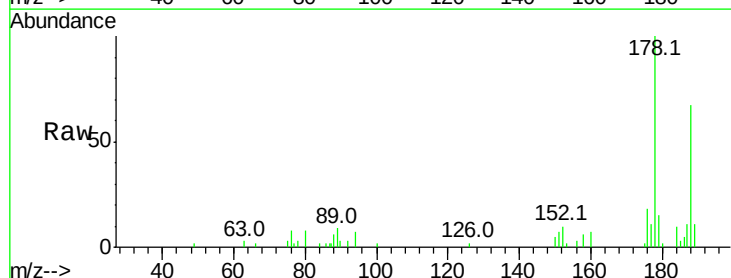
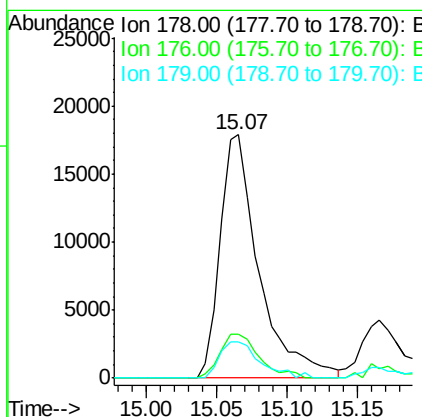
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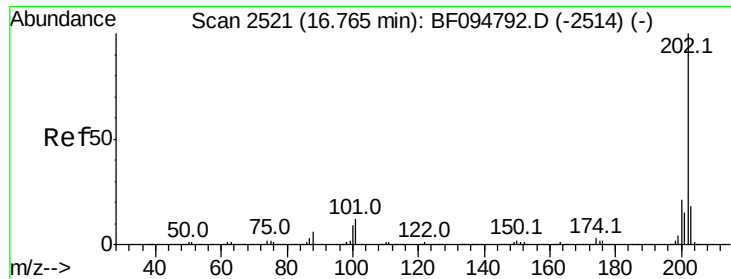
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#70
 Phenanthrene
 Concen: 2.20 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.1	16.2	24.4
179	14.9	12.6	19.0





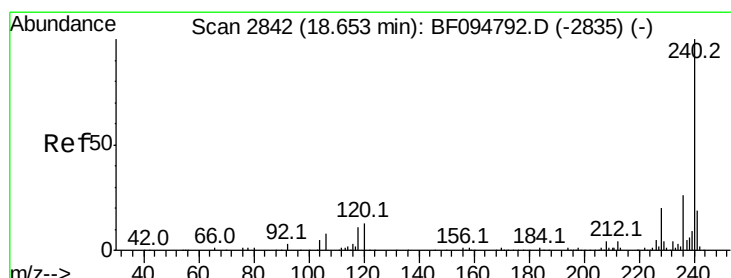
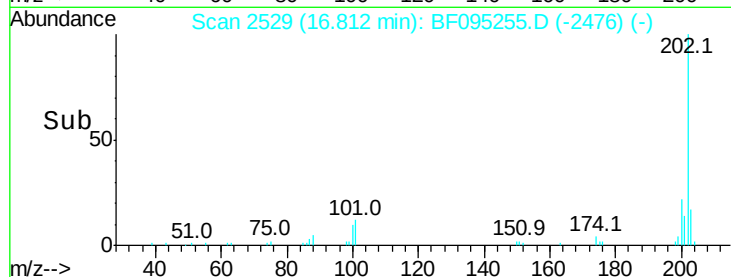
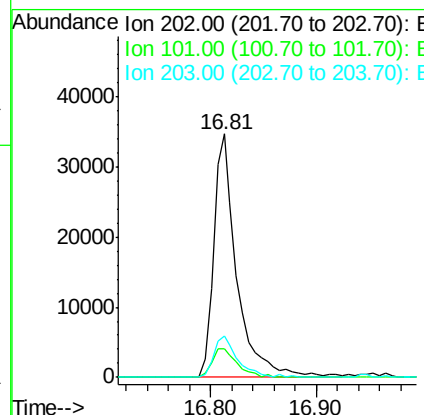
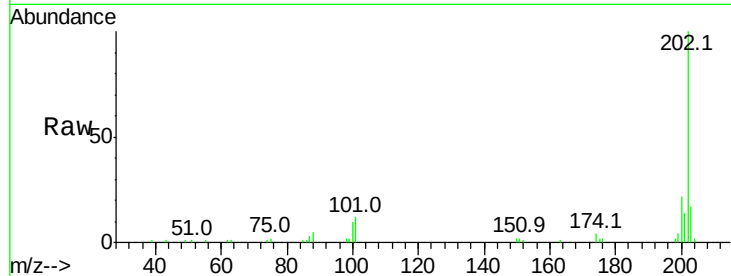
#74
 Fluoranthene
 Concen: 3.31 ng
 RT: 16.81 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-T4-BASE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	0.0	33.2
203	17.0	0.0	38.1

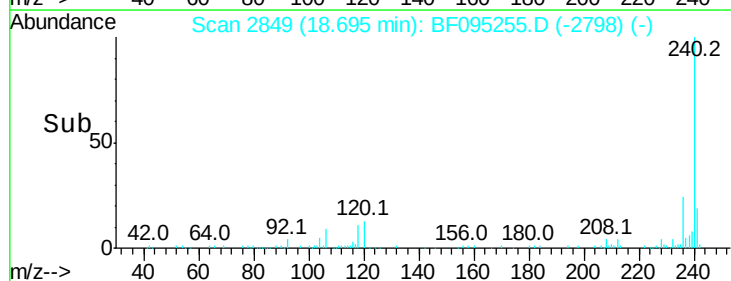
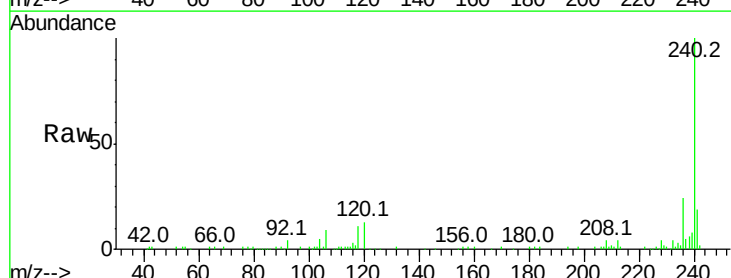
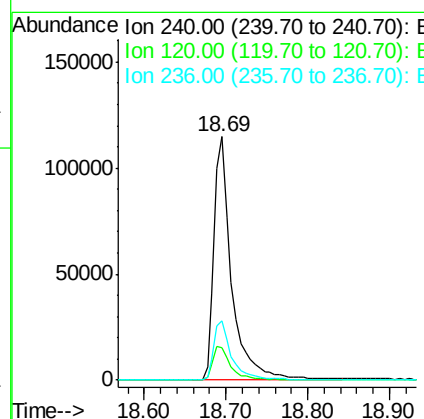
Manual Integrations
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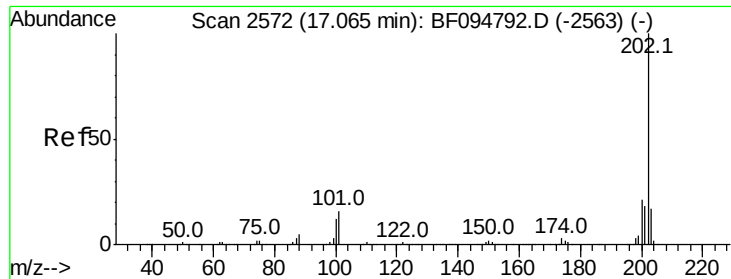
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095255.D
 Acq: 19 May 2017 9:25

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	24.2	20.5	30.7





#77

Pvrene

Concen: 3.68 ng

RT: 17.11 min Scan# 2580

Delta R.T. 0.01 min

Lab File: BF095255.D

Acq: 19 May 2017 9:25

Instrument :

BNA_F

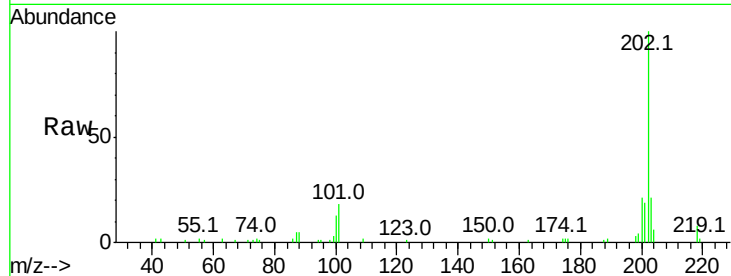
ClientSampleId :

E2-T4-BASE

Tot Ion:	202	Resp:	48017
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.6	26.4
203	21.1	14.4	21.6

Manual Integrations
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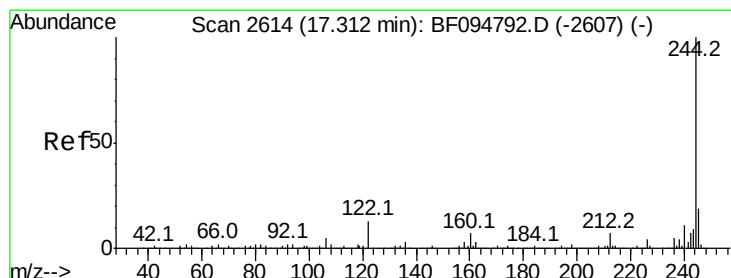
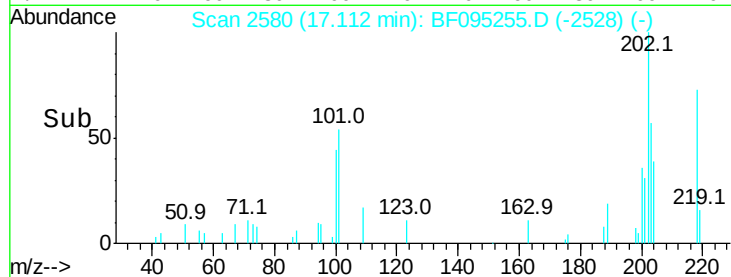
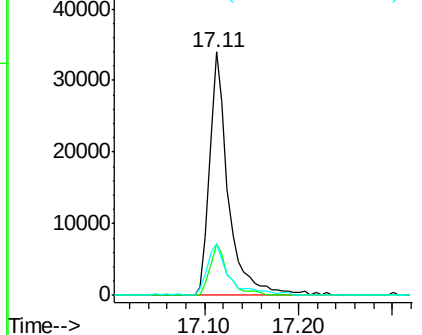
mohammad
5/19/2017 3:40:37 PM



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: 74.34 ng

RT: 17.34 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BF095255.D

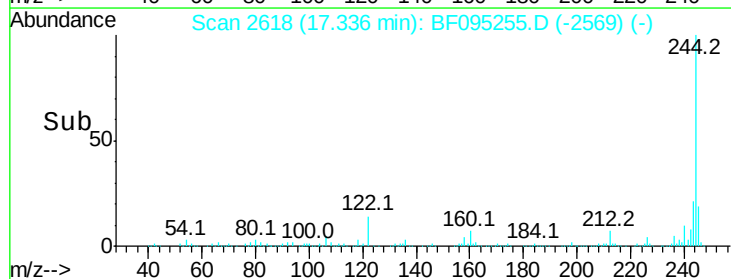
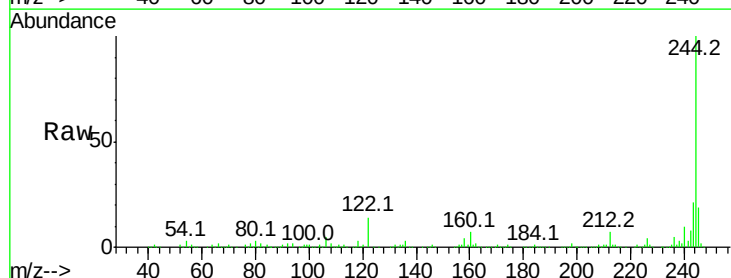
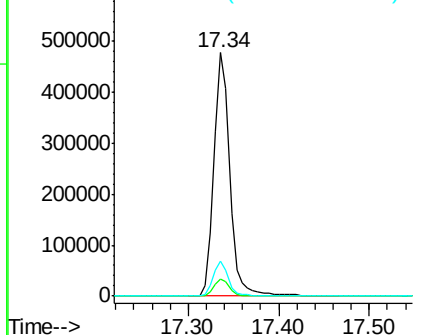
Acq: 19 May 2017 9:25

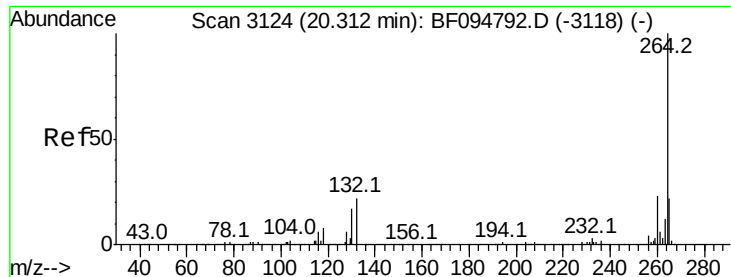
Tgt Ion:	244	Resp:	588654
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	14.4	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 20.37 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BF095255.D

Acq: 19 May 2017 9:25

Instrument :

BNA_F

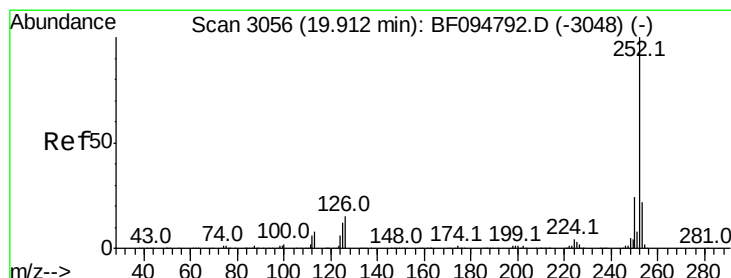
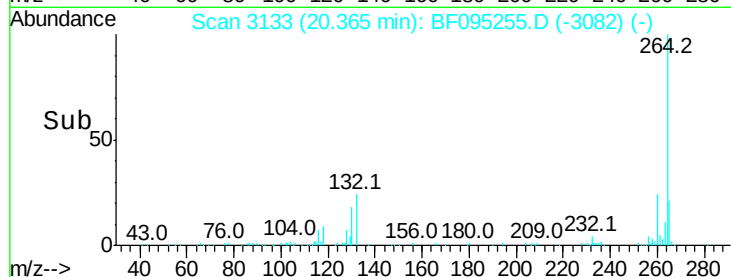
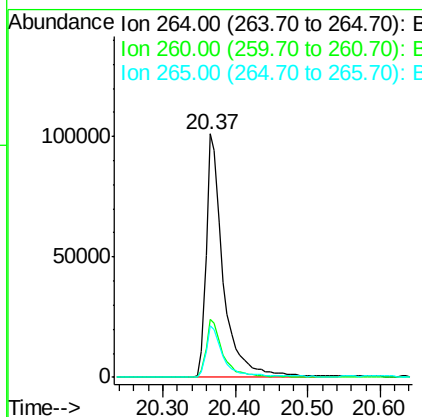
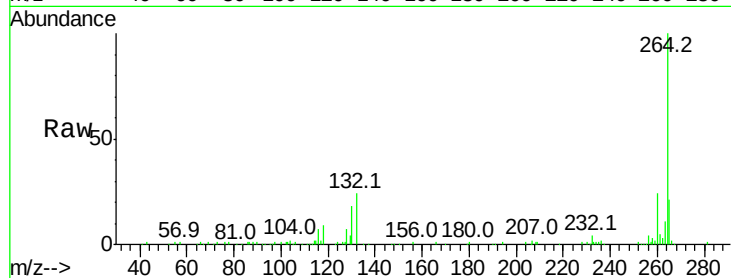
ClientSampled :

E2-T4-BASE

Tot Ion:	264	Resp:	166556
Ion Ratio		Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.3	17.2	25.8

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#87

Benzo(b)fluoranthene

Concen: 2.03 ng m

RT: 19.97 min Scan# 3066

Delta R.T. 0.01 min

Lab File: BF095255.D

Acq: 19 May 2017 9:25

Tgt Ion:	252	Resp:	20872
Ion Ratio		Lower	Upper
252	100		
253	19.3	18.1	27.1
125	15.2	9.8	14.8#

