

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094684.D
 Acq On : 28 Apr 2017 15:32
 Operator : SJ/MA
 Sample : I2825-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-COMPOST-2

Manual Integrations
 APPROVED

mohammad
 5/1/2017 6:35:22 PM

Quant Time: Apr 28 16:07:51 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	5.77	152	99554	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	398324	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	167958	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	255284	20.00	ng	0.00
75) Chrysene-d12	14.47	240	214030	20.00	ng	0.00
86) Perylene-d12	16.09	264	170701	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	667049	111.16	ng	0.02
7) Phenol-d6	5.39	99	829403	117.24	ng	0.00
23) Nitrobenzene-d5	6.41	82	501475	77.74	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	135604	103.22	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	819109	71.76	ng	0.00
78) Terphenyl-d14	13.19	244	472540	59.01	ng	0.00
Target Compounds						
10) Phenol	5.40	94	53078	6.11	ng	97
49) Dimethylphthalate	9.08	163	150584	12.03	ng	99
74) Fluoranthene	12.71	202	49881	3.35	ng	99
77) Pyrene	12.98	202	41849	2.80	ng	98
82) Chrysene	14.49	228	36342	3.20	ng	95
87) Benzo(b)fluoranthene	15.69	252	48530m	4.65	ng	
89) Benzo(a)pyrene	16.04	252	23944	2.46	ng	# 83
91) Benzo(g,h,i)perylene	17.77	276	18823	2.29	ng	# 93

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

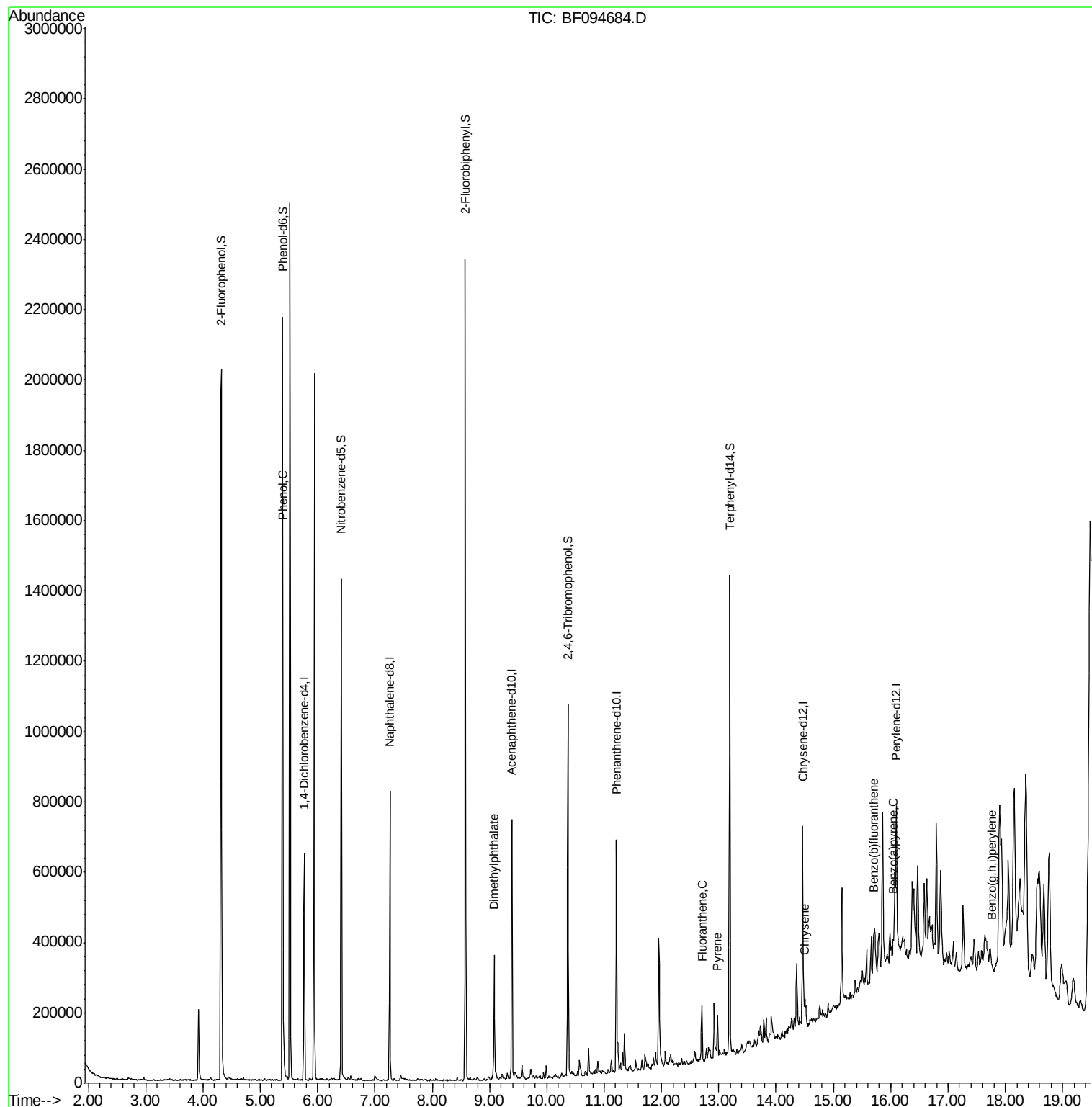
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094684.D
Acq On : 28 Apr 2017 15:32
Operator : SJ/MA
Sample : I2825-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

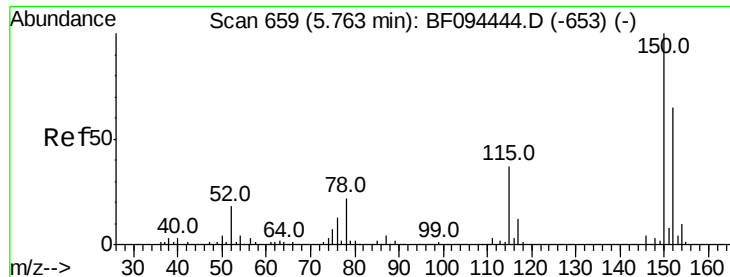
Instrument :
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EME-COMPOST-2

Manual Integrations
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#1

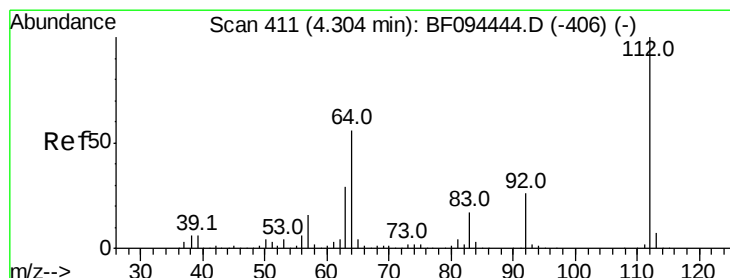
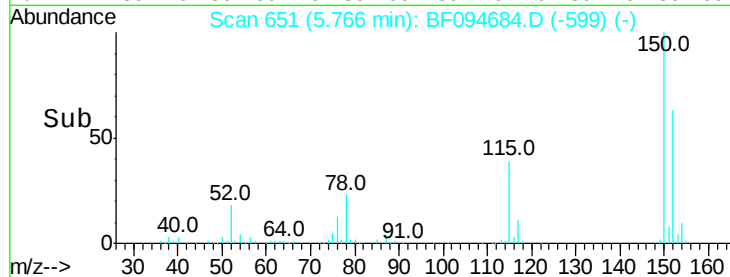
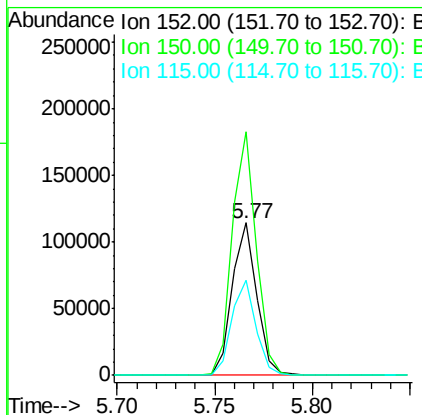
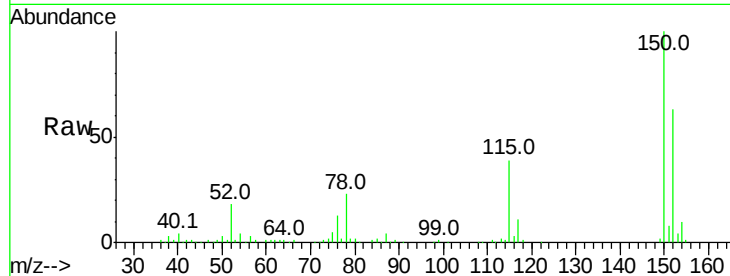
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094684.D
Acq: 28 Apr 2017 15:32

Instrument :
BNA_F
ClientSampleId :
EME-COMPOST-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.2	189.2
115	62.5	52.2	78.2

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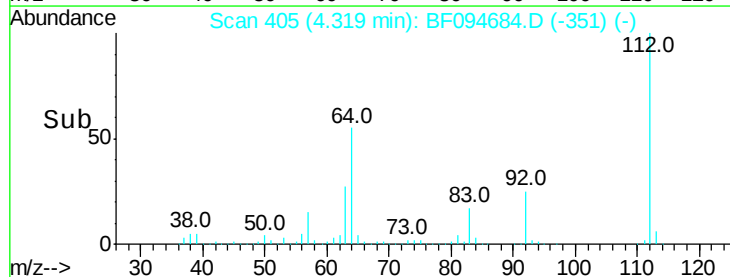
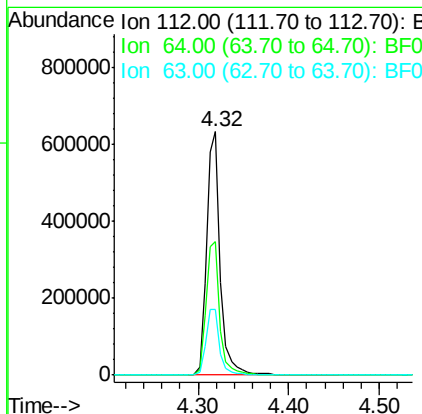
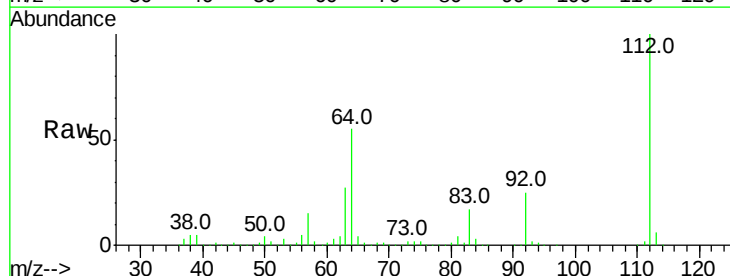
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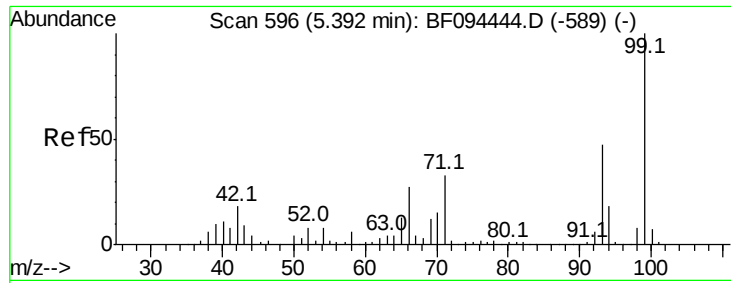


#5

2-Fluorophenol
Concen: 111.16 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.02 min
Lab File: BF094684.D
Acq: 28 Apr 2017 15:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.0	69.0
63	27.1	23.4	35.0





#7

Phenol-d6

Concen: 117.24 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094684.D

Acq: 28 Apr 2017 15:32

Instrument :

BNA_F

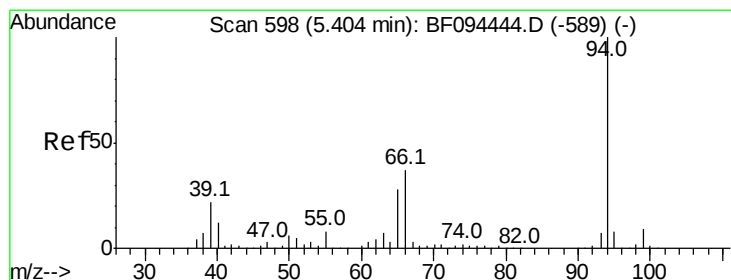
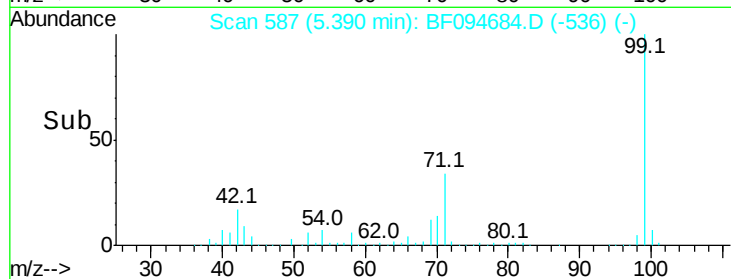
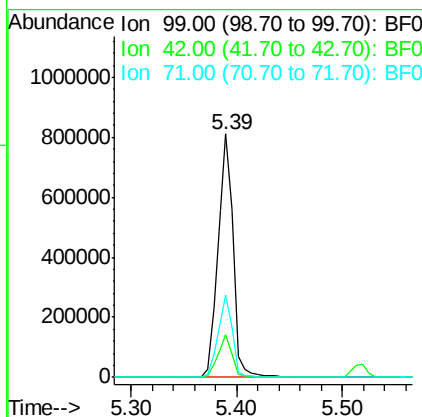
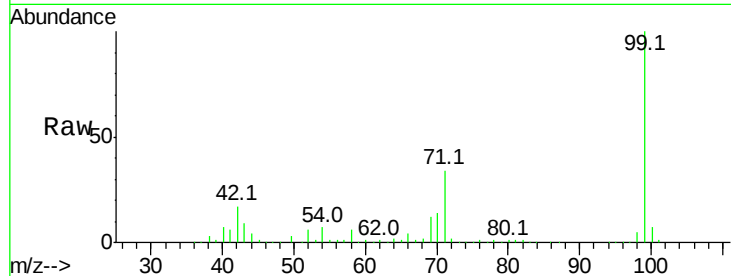
ClientSampleId :

EME-COMPOST-2

Tot Ion:	99	Resp:	829403
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	34.0	24.5	36.7

Manual Integrations
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#10

Phenol

Concen: 6.11 ng

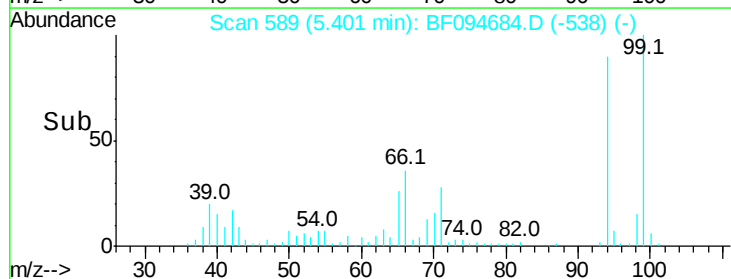
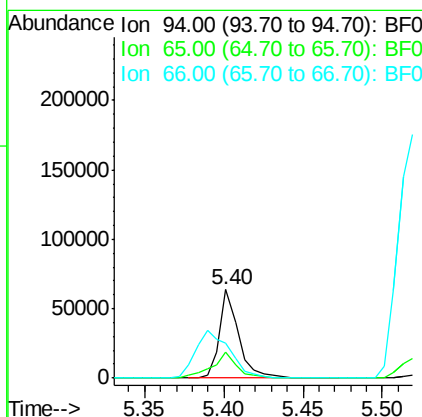
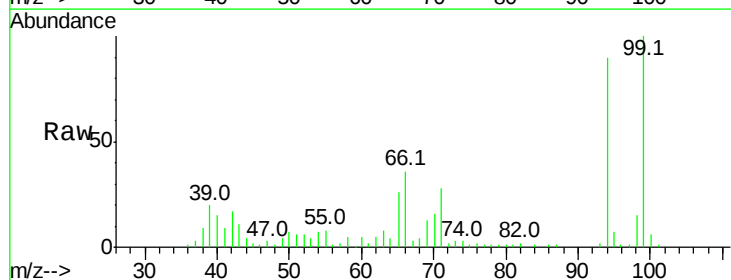
RT: 5.40 min Scan# 589

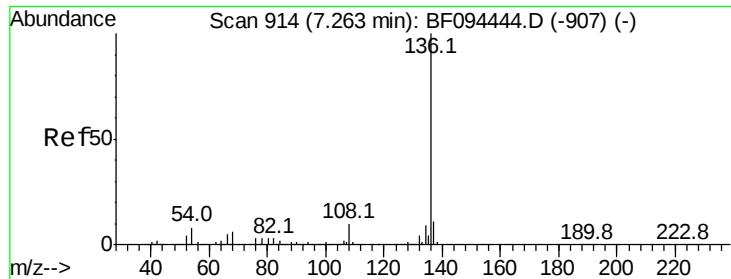
Delta R.T. -0.00 min

Lab File: BF094684.D

Acq: 28 Apr 2017 15:32

Tgt Ion:	94	Resp:	53078
Ion	Ratio	Lower	Upper
94	100		
65	29.3	9.9	49.9
66	39.9	23.1	63.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094684.D

Acq: 28 Apr 2017 15:32

Instrument :

BNA_F

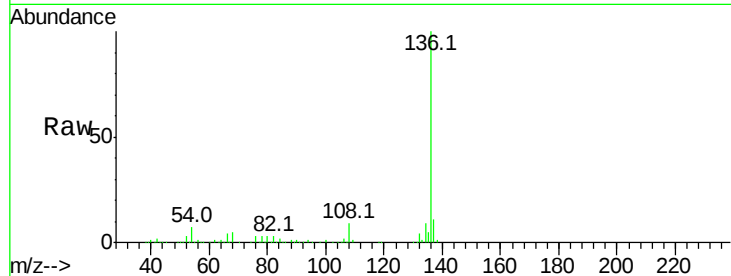
ClientSampleId :

EME-COMPOST-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100	398324		
137	10.9		8.5	12.7
54	6.7		4.9	7.3
68	5.1		4.1	6.1

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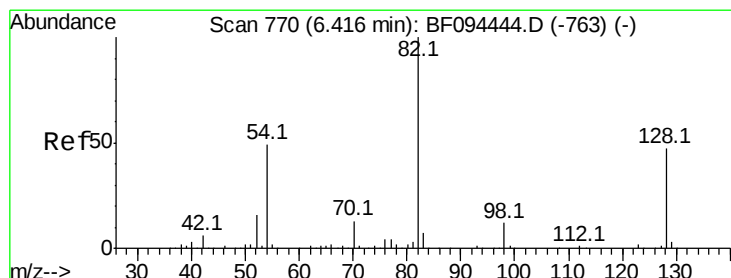
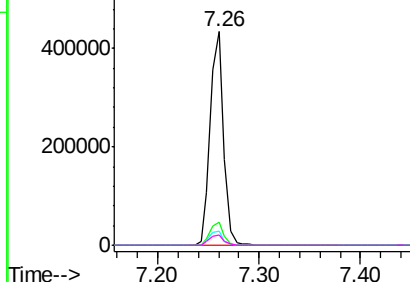
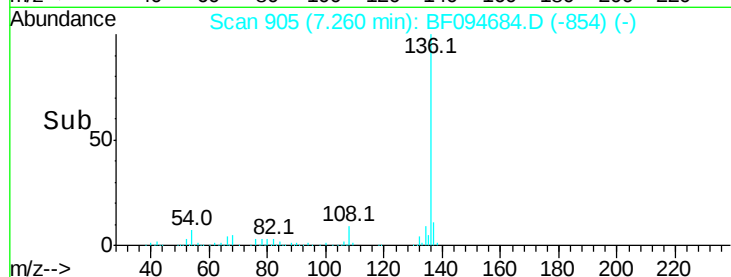


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.74 ng

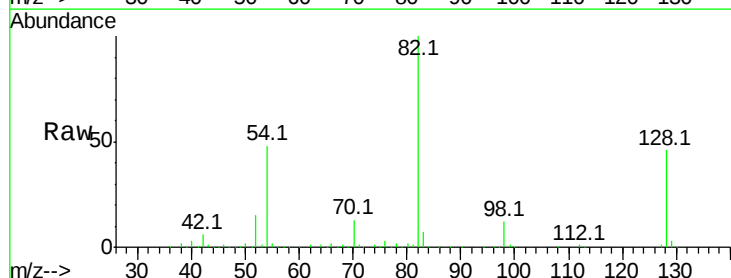
RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094684.D

Acq: 28 Apr 2017 15:32

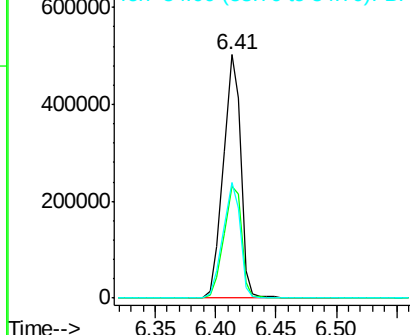
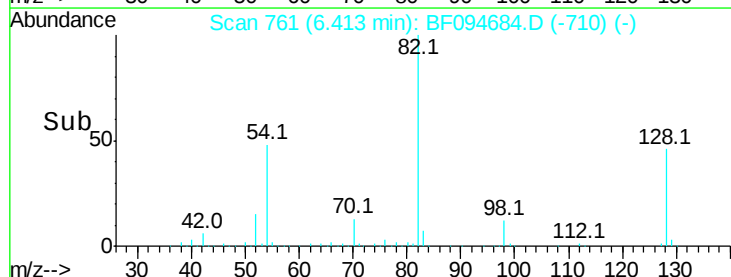
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	501475		
128	46.0		34.0	51.0
54	47.7		42.2	63.2

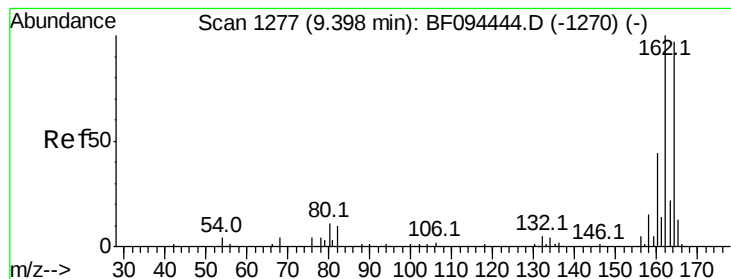


Abundance Ion 82.00 (81.70 to 82.70): BF0

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# 1267

Delta R.T. -0.01 min

Lab File: BF094684.D

Acq: 28 Apr 2017 15:32

Instrument :

BNA_F

ClientSampleId :

EME-COMPOST-2

Tot Ion:164 Resp: 167958

Ion Ratio Lower Upper

164 100

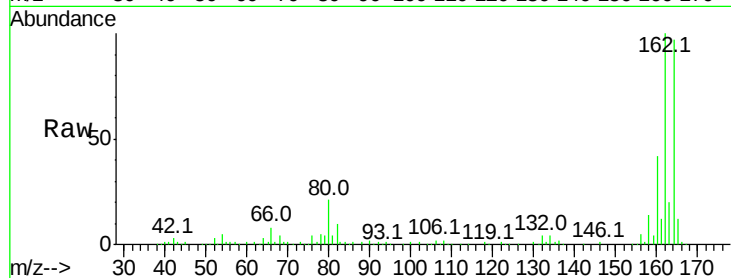
162 102.9 82.6 123.8

160 43.5 36.2 54.2

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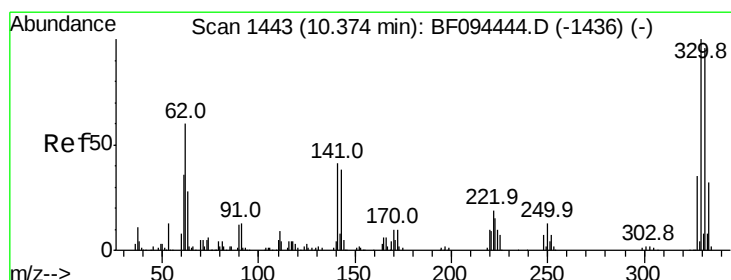
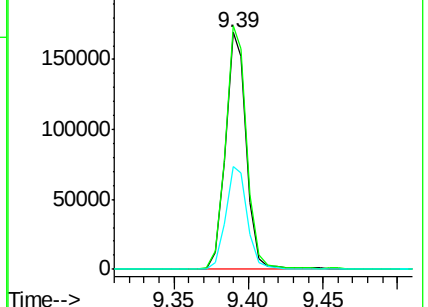
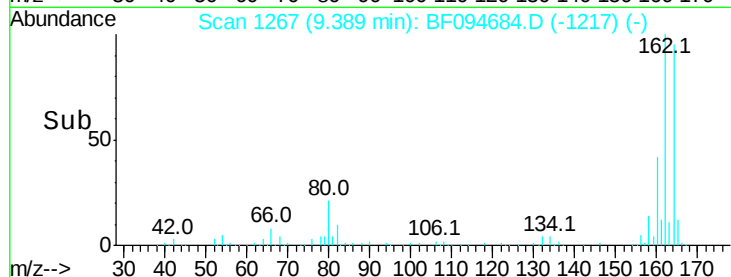
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 103.22 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094684.D

Acq: 28 Apr 2017 15:32

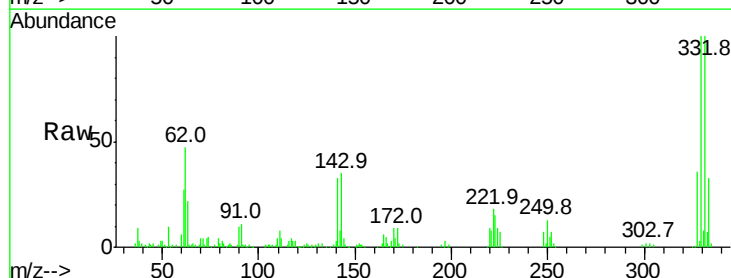
Tgt Ion:330 Resp: 135604

Ion Ratio Lower Upper

330 100

332 98.3 76.6 115.0

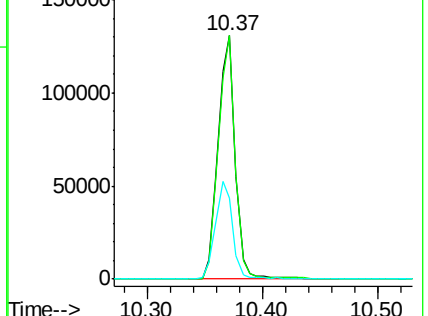
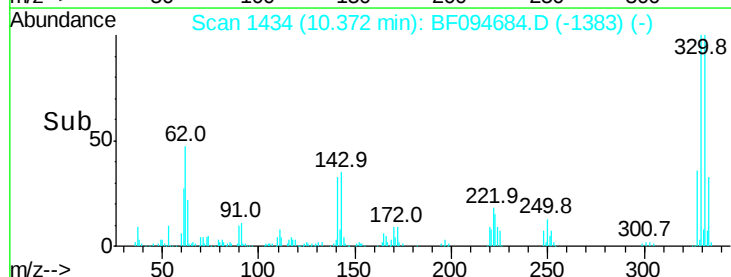
141 40.2 31.4 47.2

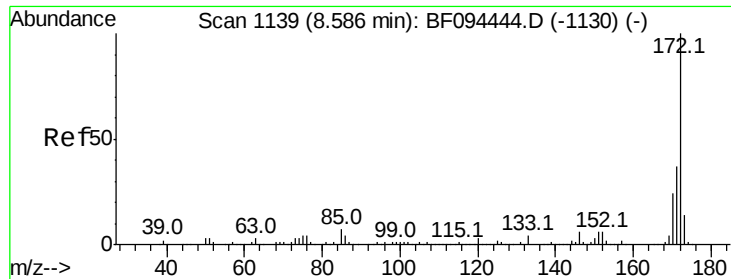


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





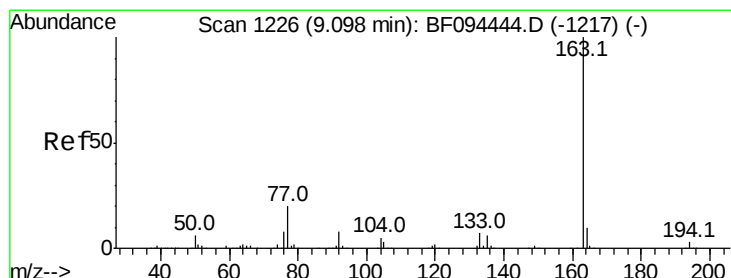
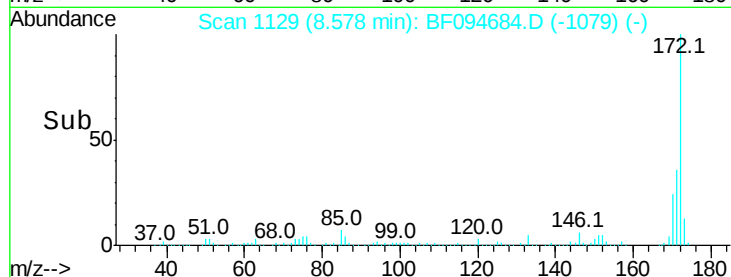
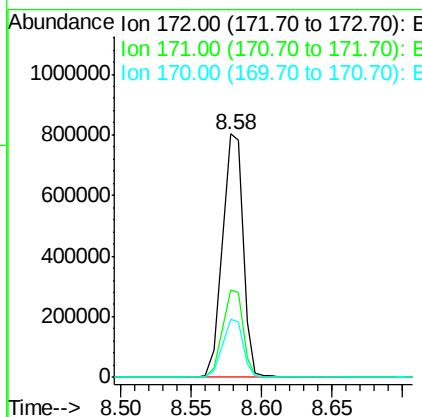
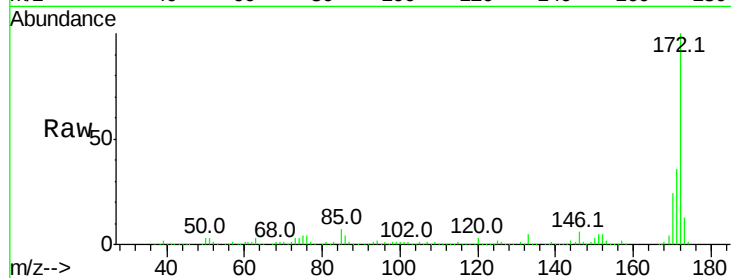
#44
2-Fluorobiphenyl
Concen: 71.76 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094684.D
Acq: 28 Apr 2017 15:32

Instrument :
BNA_F
ClientSampleId :
EME-COMPOST-2

Tot Ion	Ratio	Resp	Lower	Upper
172	100	819109		
171	35.7		29.6	44.4
170	23.7		19.8	29.8

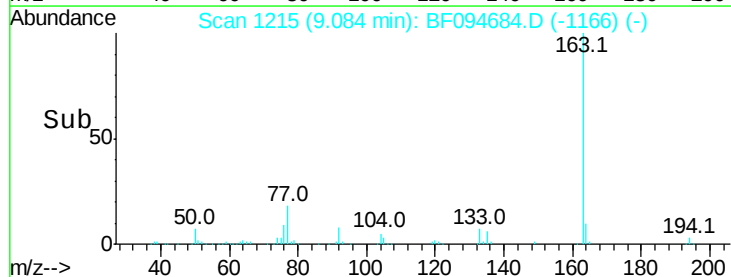
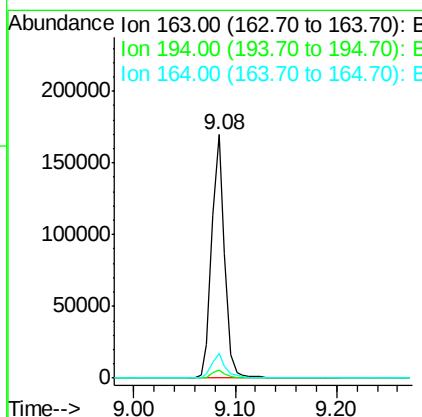
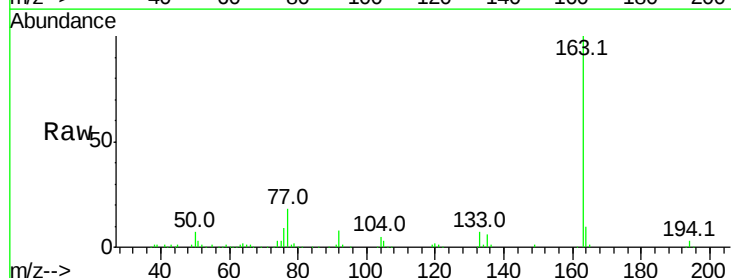
Manual Integrations
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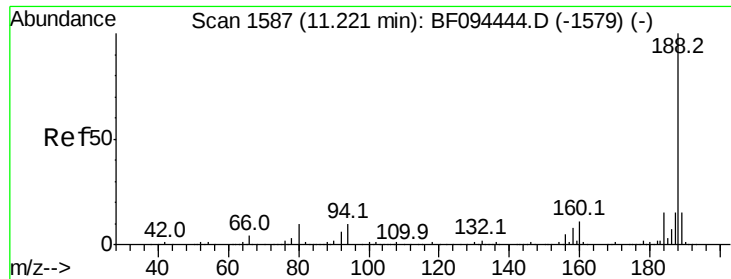
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#49
Dimethylphthalate
Concen: 12.03 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094684.D
Acq: 28 Apr 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	150584		
194	3.4		2.6	4.0
164	10.3		8.4	12.6





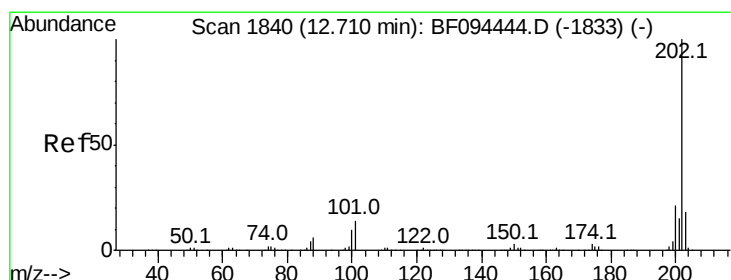
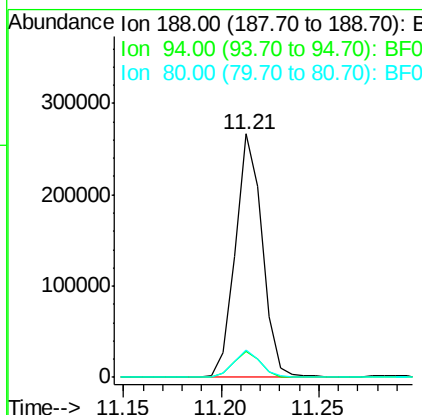
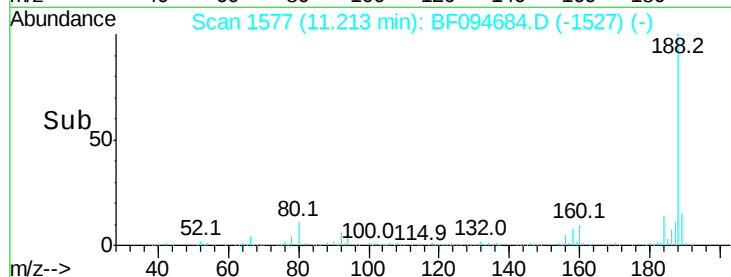
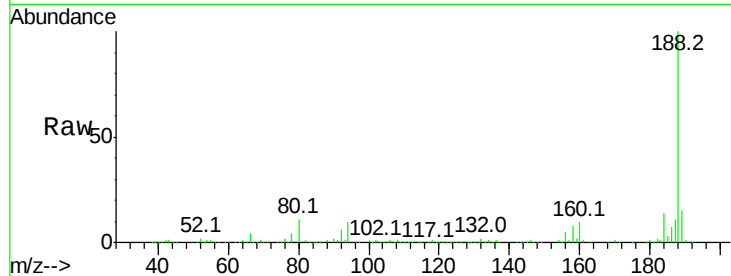
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094684.D
Acq: 28 Apr 2017 15:32

Instrument :
BNA_F
ClientSampleId :
EME-COMPOST-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	255284		
94	10.4		9.4	14.2
80	11.3		10.2	15.2

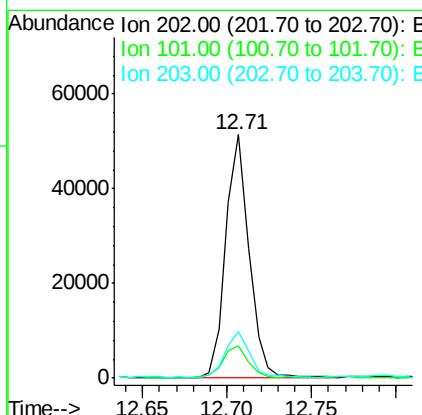
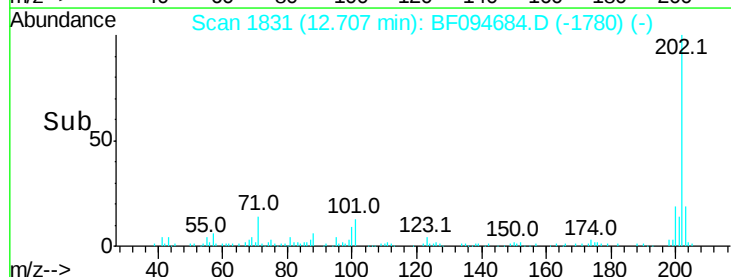
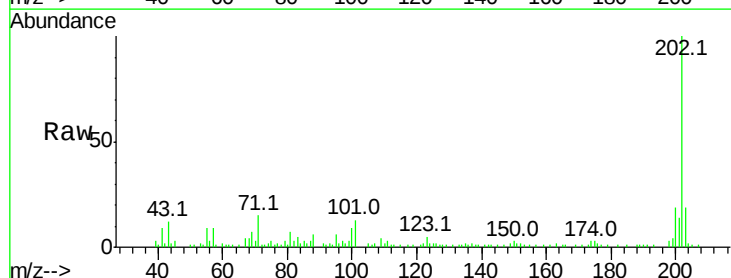
Manual Integrations
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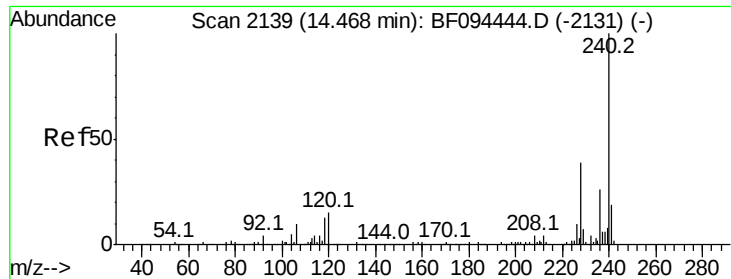
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#74
Fluoranthene
Concen: 3.35 ng
RT: 12.71 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF094684.D
Acq: 28 Apr 2017 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	49881		
101	13.4		0.0	33.2
203	19.1		0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094684.D

Acq: 28 Apr 2017 15:32

Instrument :

BNA_F

ClientSampleId :

EME-COMPOST-2

Tot Ion:240 Resp: 214030

Ion Ratio Lower Upper

240 100

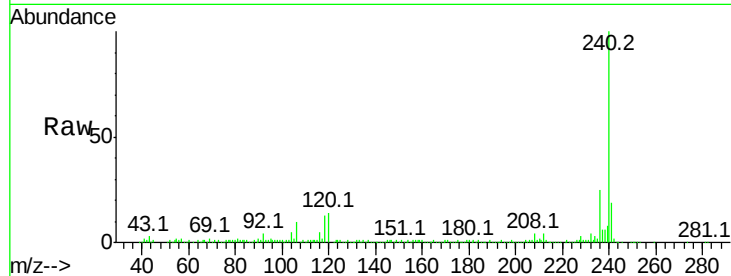
120 14.4 5.8 8.8#

236 24.6 20.5 30.7

Manual Integrations
APPROVED

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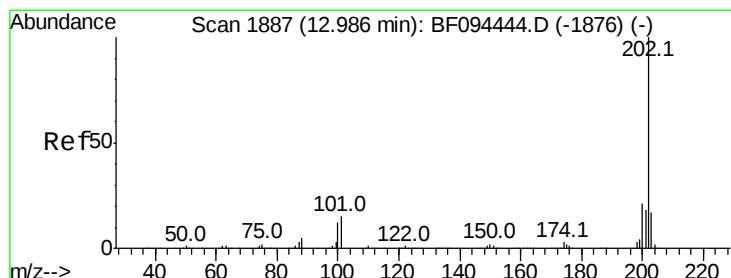
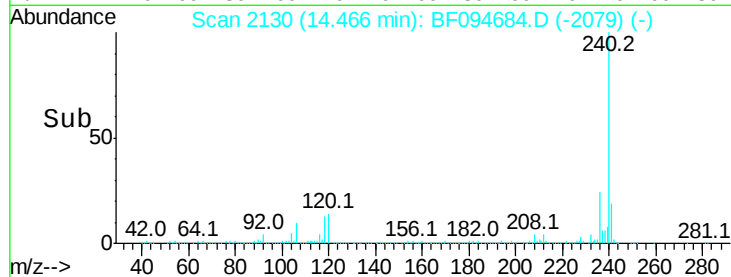
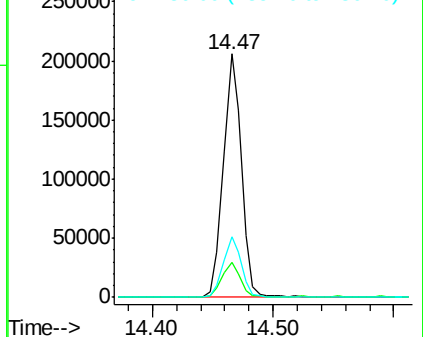
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.80 ng

RT: 12.98 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BF094684.D

Acq: 28 Apr 2017 15:32

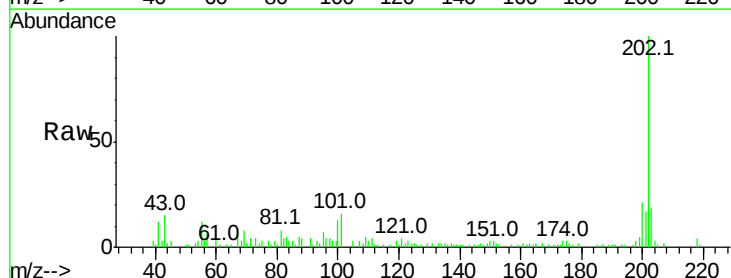
Tgt Ion:202 Resp: 41849

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

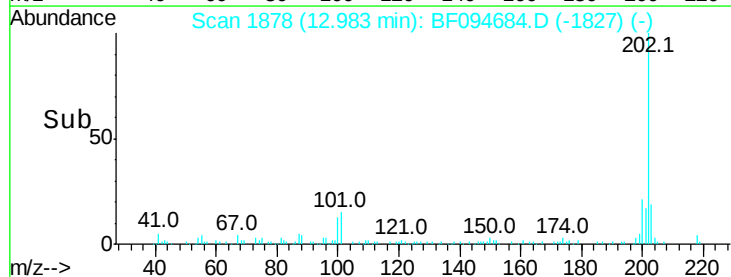
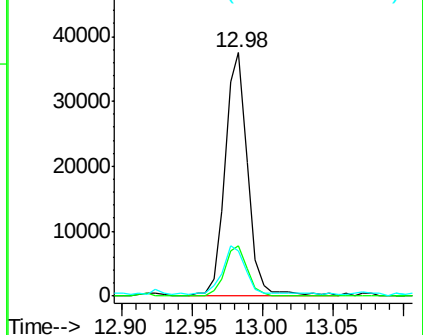
203 18.8 14.4 21.6

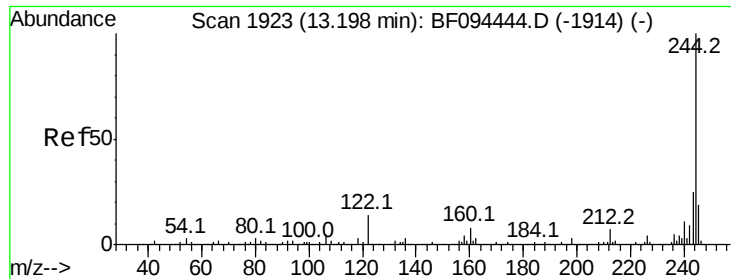


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





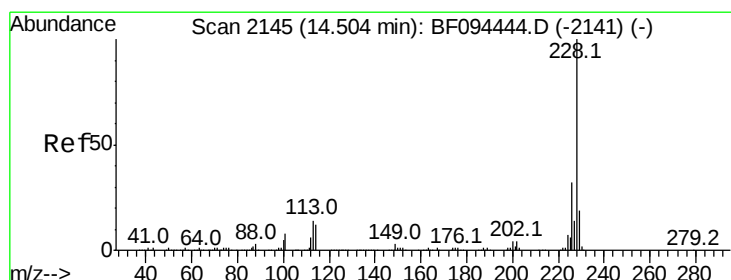
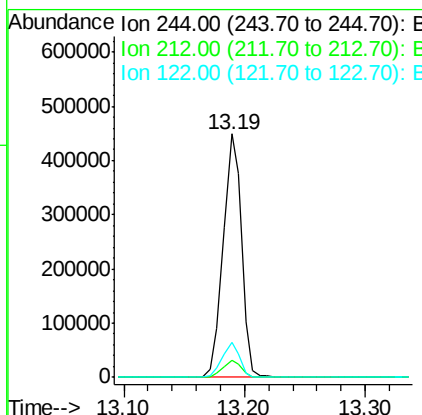
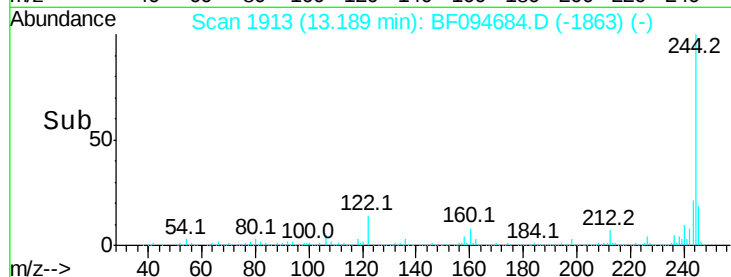
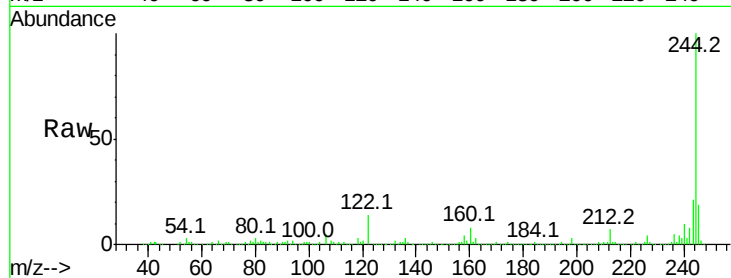
#78
 Terphenyl-d14
 Concen: 59.01 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094684.D
 Acq: 28 Apr 2017 15:32

Instrument :
 BNA_F
 ClientSampleId :
 EME-COMPOST-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.4	10.3	15.5

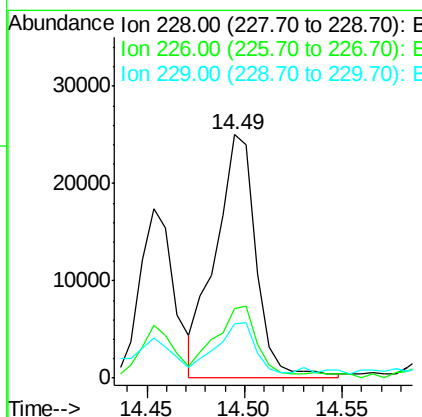
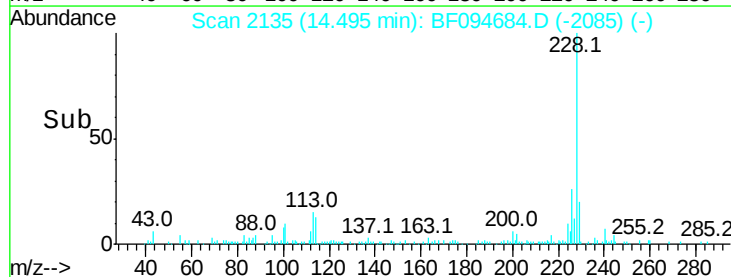
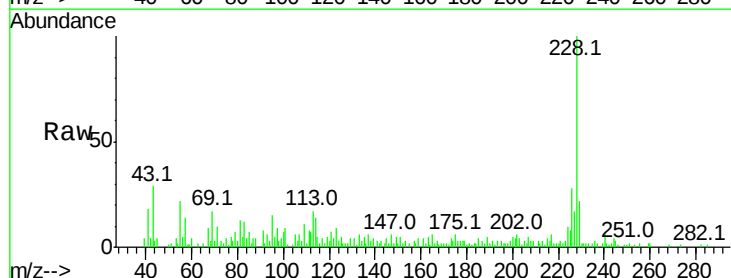
Manual Integrations
 APPROVED

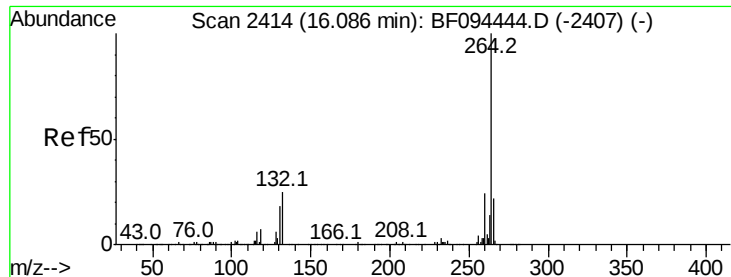
mohammad
 5/1/2017 6:35:22 PM



#82
 Chrysene
 Concen: 3.20 ng
 RT: 14.49 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BF094684.D
 Acq: 28 Apr 2017 15:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.9	37.3
229	22.0	15.8	23.6





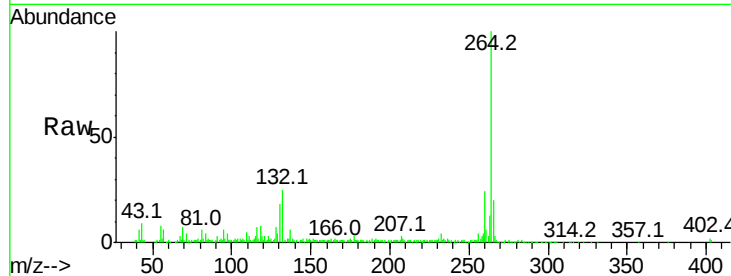
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094684.D
Acq: 28 Apr 2017 15:32

Instrument :
BNA_F
ClientSampleId :
EME-COMPOST-2

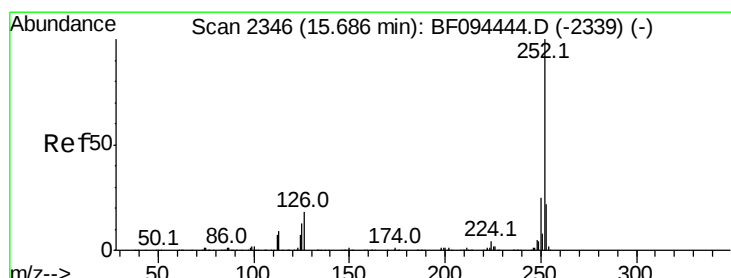
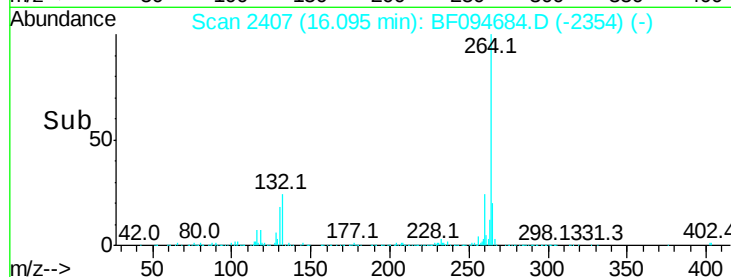
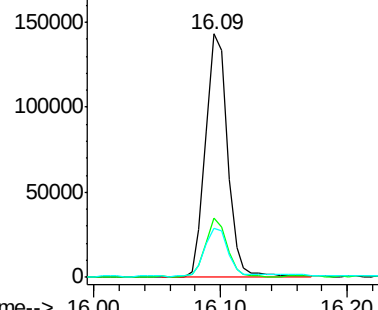
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.3	17.2	25.8

Manual Integrations
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5/1/2017 6:35:22 PM

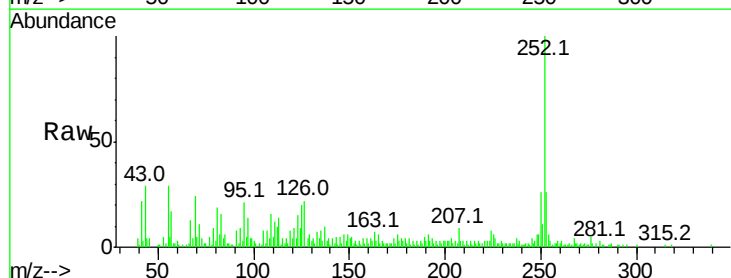


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

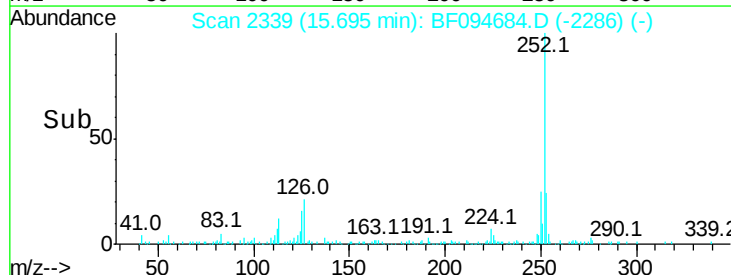
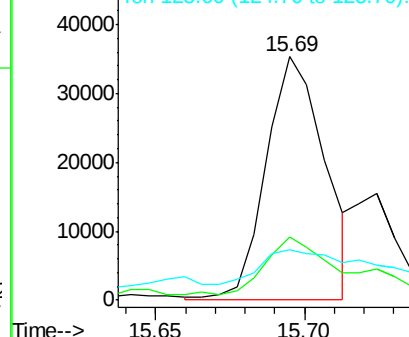


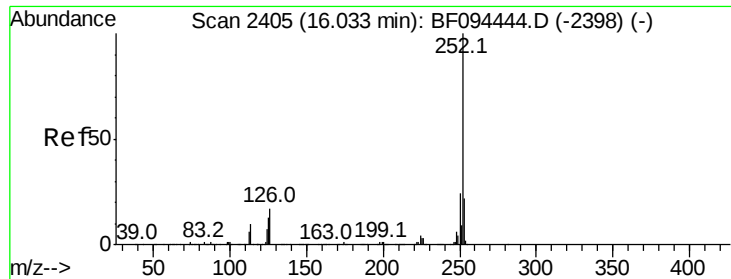
#87
Benzo(b)fluoranthene
Concen: 4.65 ng m
RT: 15.69 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BF094684.D
Acq: 28 Apr 2017 15:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.1	27.1
125	20.5	9.8	14.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





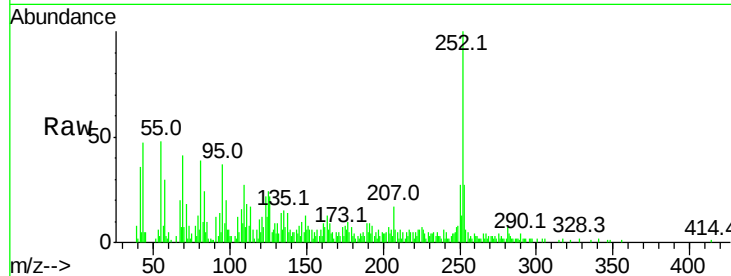
#89
Benzo(a)pyrene
Concen: 2.46 ng
RT: 16.04 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF094684.D
Acq: 28 Apr 2017 15:32

Instrument :
BNA_F
ClientSampleId :
EME-COMPOST-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.5	26.3#
125	23.9	11.0	16.4#

Manual Integrations
APPROVED

mohammad
5/1/2017 6:35:22 PM

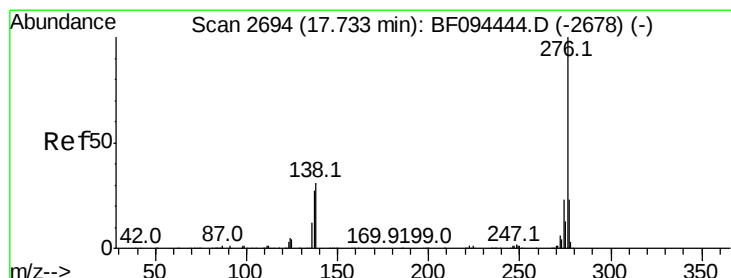
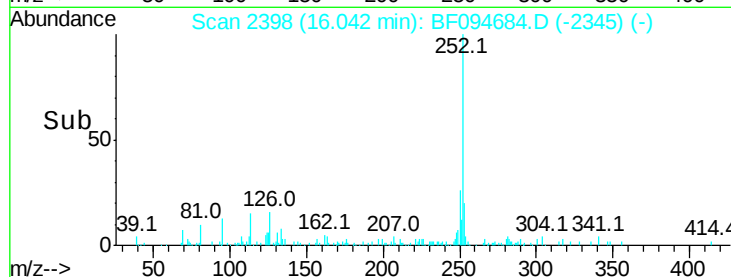
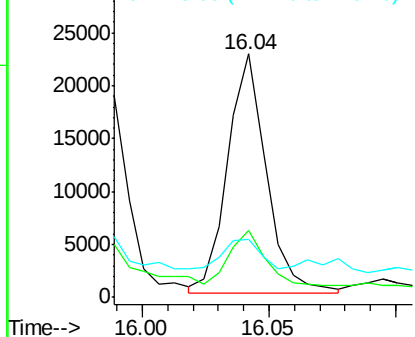


Abundance

Ion 252.00 (251.70 to 252.70): E

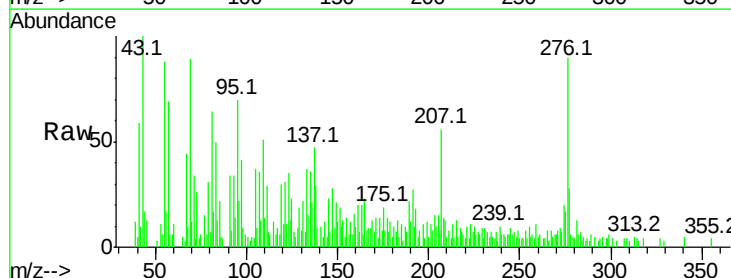
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.29 ng
RT: 17.77 min Scan# 2692
Delta R.T. 0.04 min
Lab File: BF094684.D
Acq: 28 Apr 2017 15:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.2	18.6	28.0#
138	31.8	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

