

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094503.D
 Acq On : 18 Apr 2017 23:00
 Operator : SJ/MA
 Sample : I2735-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-COMPOST-01

Manual Integrations
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Quant Time: Apr 19 04:00:21 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	117061	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	439383	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	158525	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	291268	20.00	ng	0.00
75) Chrysene-d12	14.47	240	271996	20.00	ng	0.00
86) Perylene-d12	16.09	264	198953	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	818649	116.02	ng	0.01
7) Phenol-d6	5.40	99	973930	117.08	ng	0.00
23) Nitrobenzene-d5	6.42	82	590960	83.05	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	162659	131.18	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	948088	88.00	ng	0.00
78) Terphenyl-d14	13.19	244	638798	62.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.09	163	377334	31.94	ng	99
74) Fluoranthene	12.71	202	40283	2.37	ng	95
82) Chrysene	14.50	228	30927	2.14	ng	# 95
83) Bis(2-ethylhexyl)phthalate	14.53	149	118175	10.57	ng	# 99
87) Benzo(b)fluoranthene	15.69	252	43405m	3.57	ng	

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

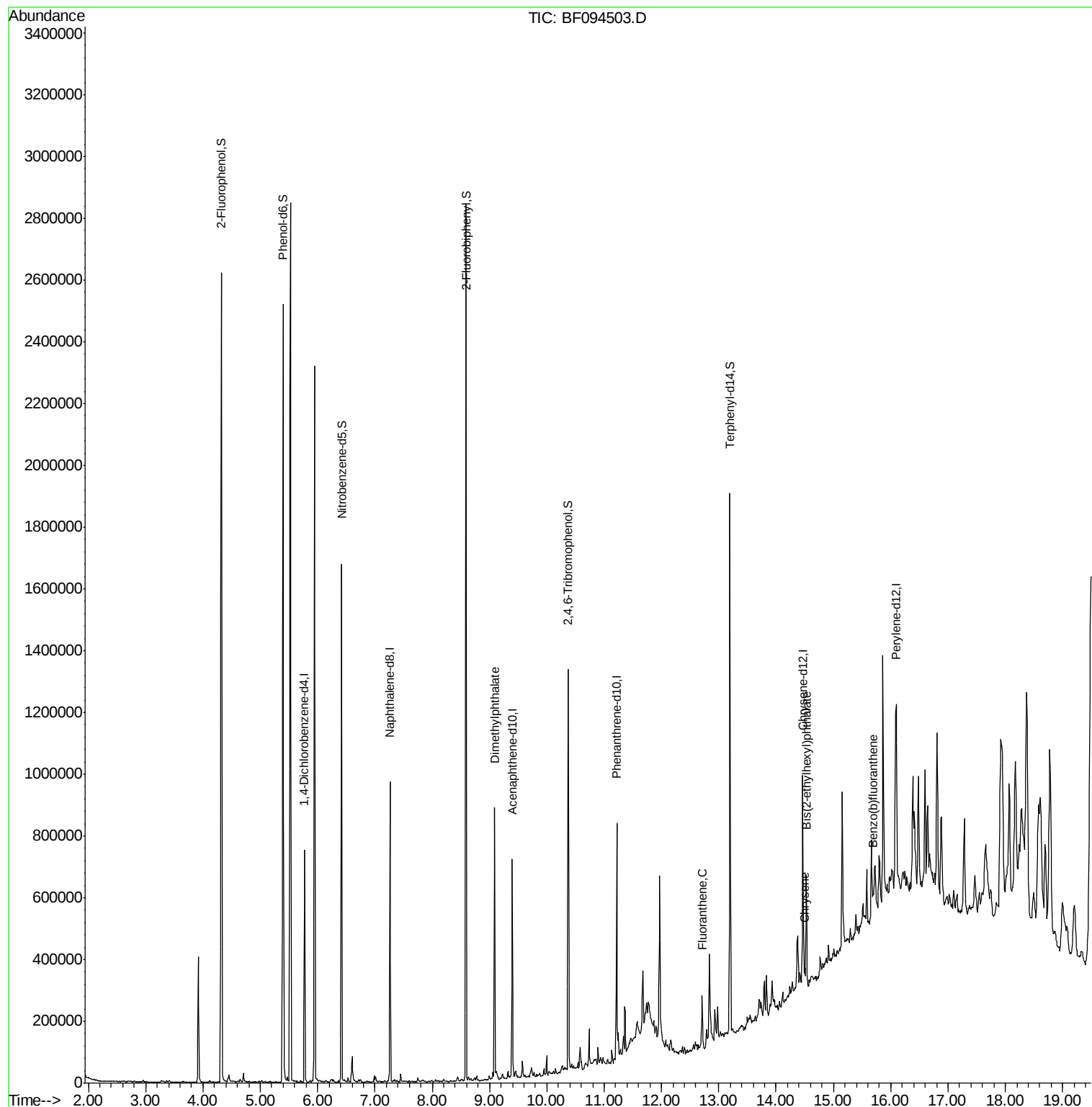
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
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ALS Vial : 15 Sample Multiplier: 1

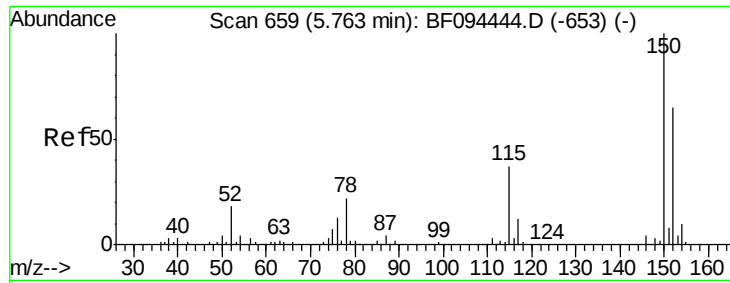
Instrument :
BNA_F
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EME-COMPOST-01

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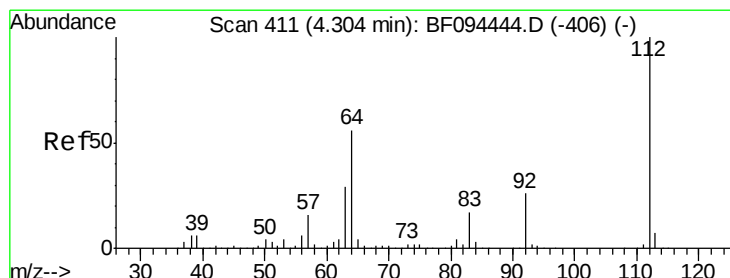
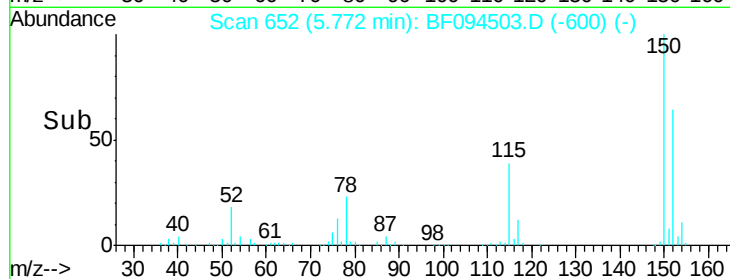
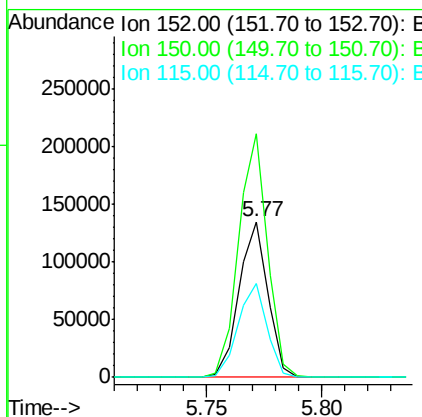
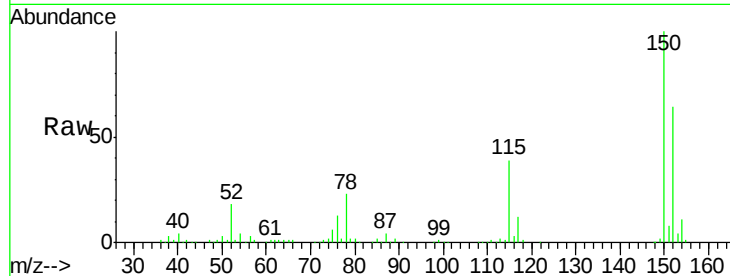
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: BF094503.D
 Acq: 18 Apr 2017 23:00

Instrument :
 BNA_F
 ClientSampleId :
 EME-COMPOST-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	60.4	52.2	78.2

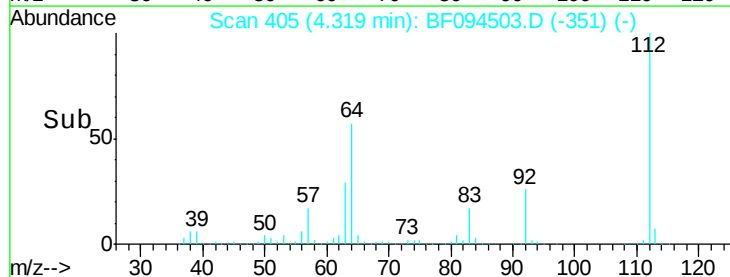
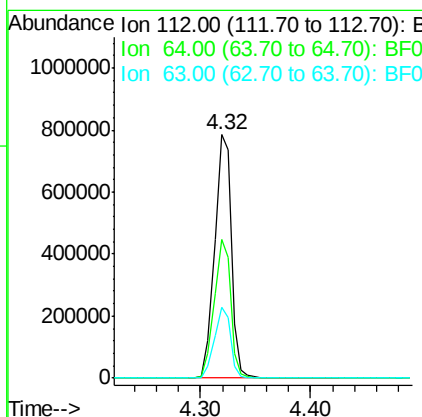
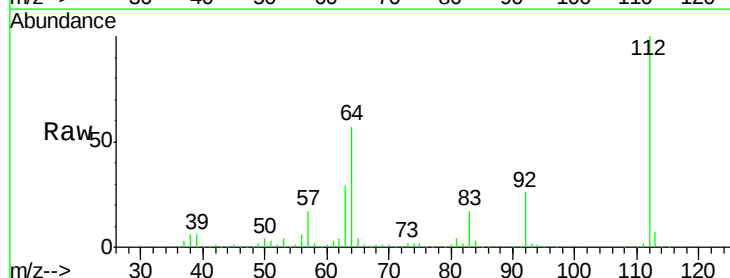
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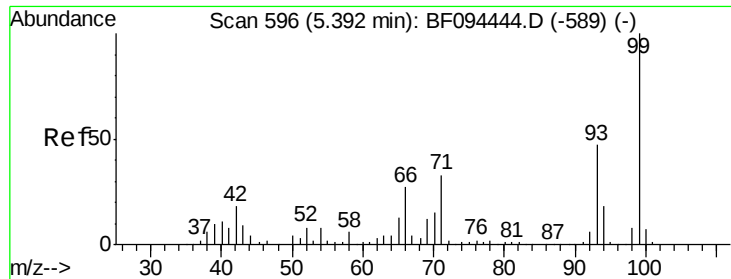
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#5
 2-Fluorophenol
 Concen: 116.02 ng
 RT: 4.32 min Scan# 405
 Delta R.T. 0.01 min
 Lab File: BF094503.D
 Acq: 18 Apr 2017 23:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.0	69.0
63	28.9	23.4	35.0





#7

Phenol-d6

Concen: 117.08 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094503.D

Acq: 18 Apr 2017 23:00

Instrument :

BNA_F

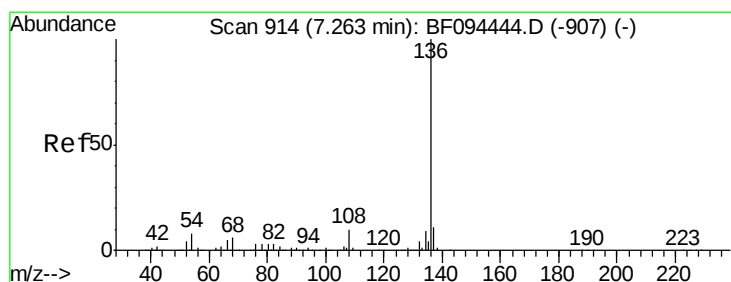
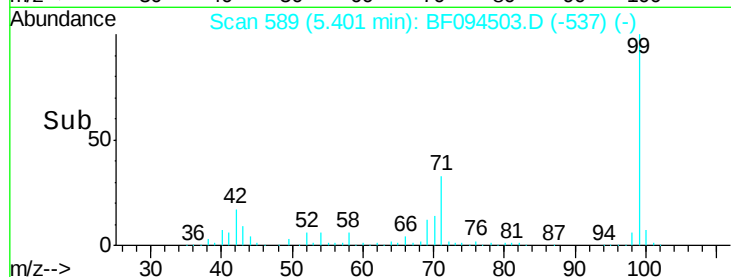
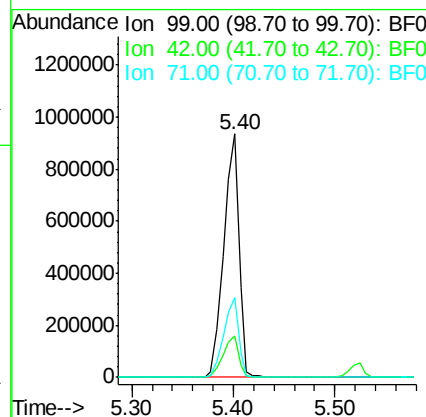
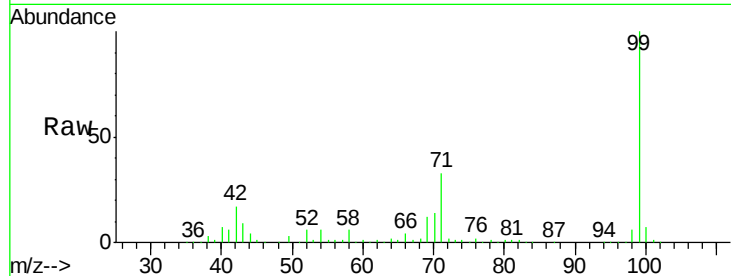
ClientSampleId :

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Tot Ion:	99	Resp:	973930
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	32.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

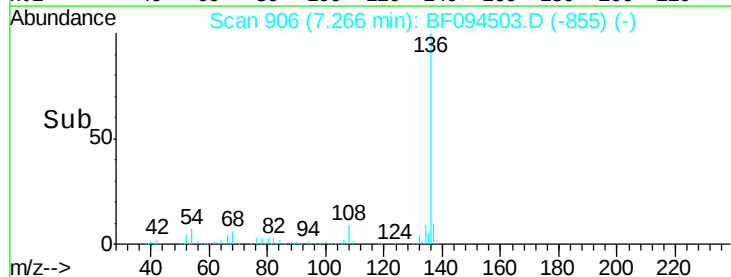
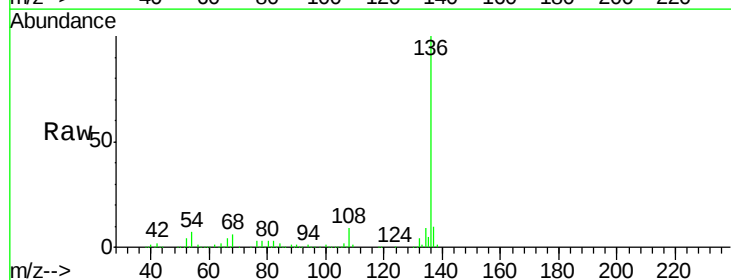
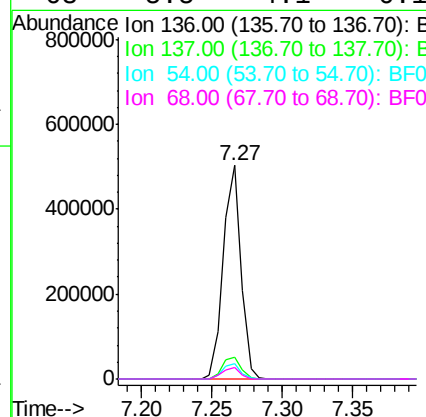
RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094503.D

Acq: 18 Apr 2017 23:00

Tgt Ion:	136	Resp:	439383
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.2	4.9	7.3
68	5.5	4.1	6.1





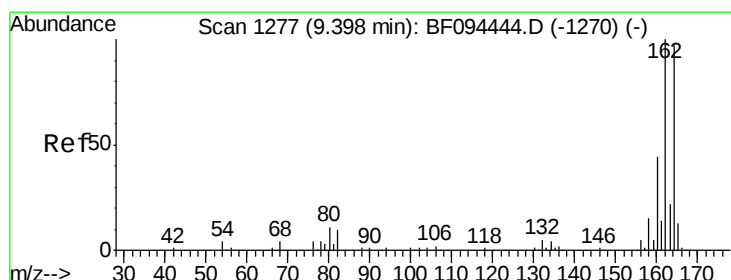
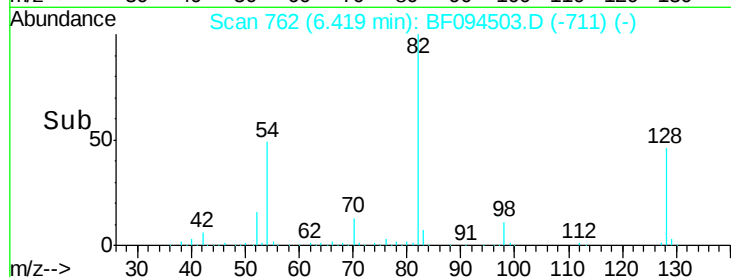
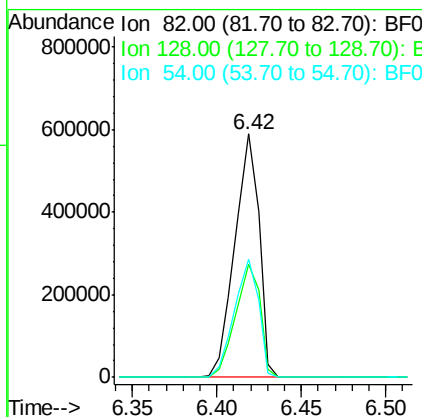
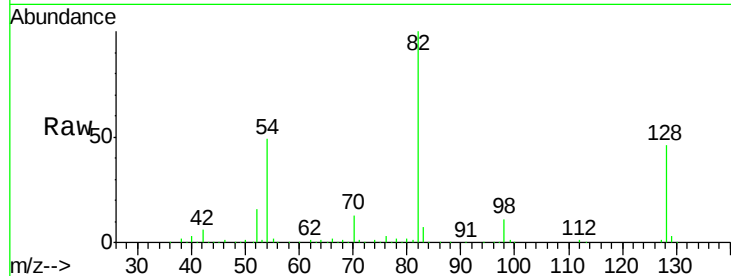
#23
 Nitrobenzene-d5
 Concen: 83.05 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094503.D
 Acq: 18 Apr 2017 23:00

Instrument :
 BNA_F
 ClientSampleId :
 EME-COMPOST-01

Tot Ion:	82	Resp:	590960
Ion Ratio	Lower	Upper	
82	100		
128	46.2	34.0	51.0
54	48.6	42.2	63.2

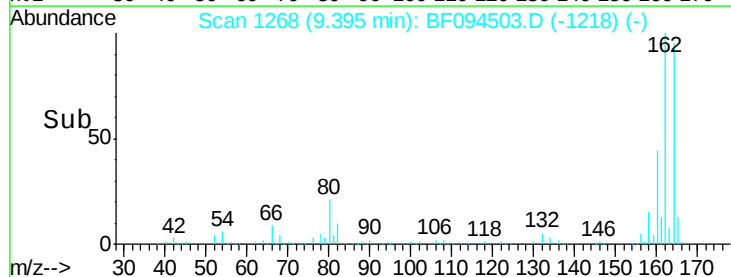
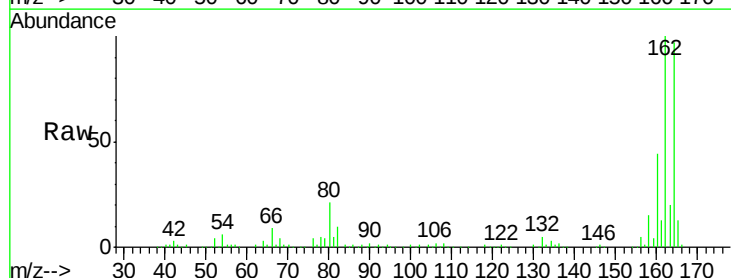
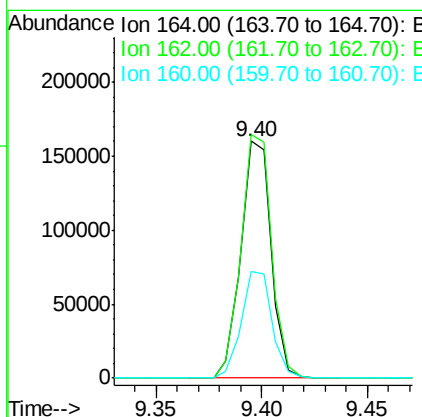
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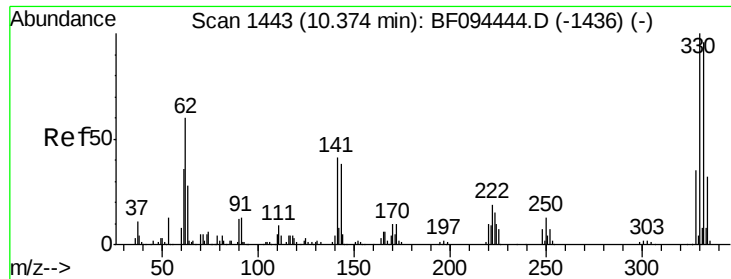
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094503.D
 Acq: 18 Apr 2017 23:00

Tgt Ion:	164	Resp:	158525
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.6	123.8
160	44.8	36.2	54.2





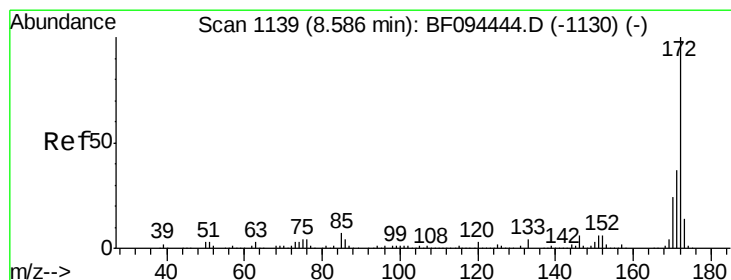
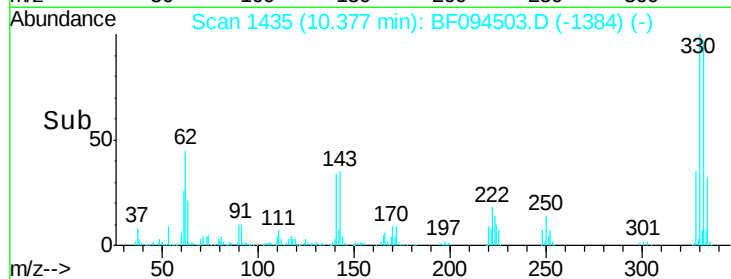
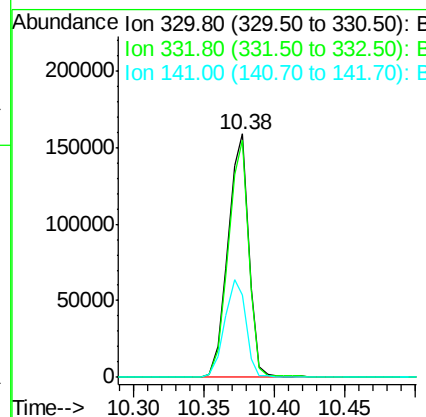
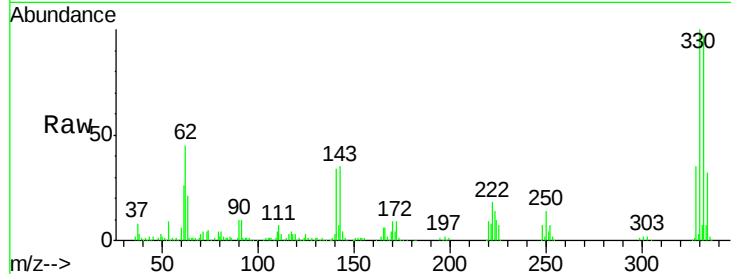
#41
 2,4,6-Tribromophenol
 Concen: 131.18 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094503.D
 Acq: 18 Apr 2017 23:00

Instrument :
 BNA_F
 ClientSampleId :
 EME-COMPOST-01

Tot Ion	Ratio	Resp	Lower	Upper
330	100	162659		
332	95.6	76.6	115.0	
141	41.0	31.4	47.2	

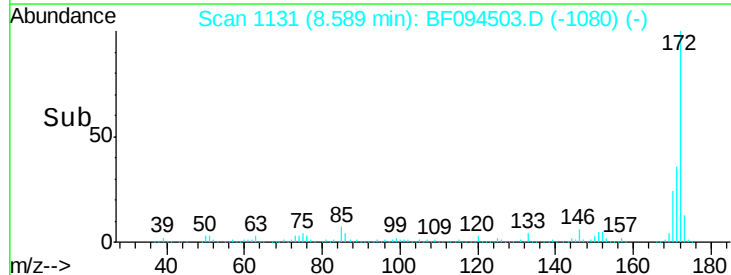
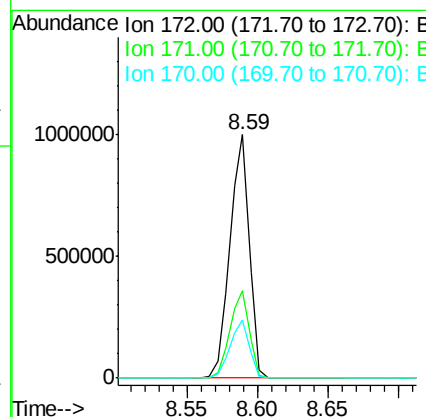
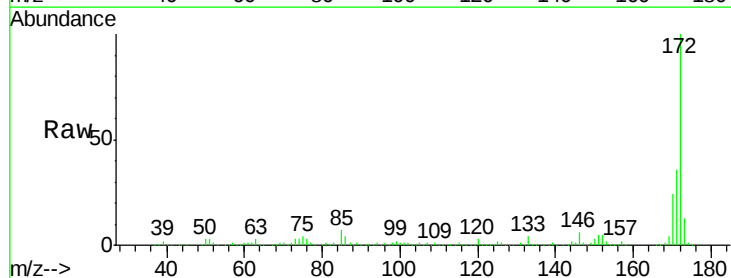
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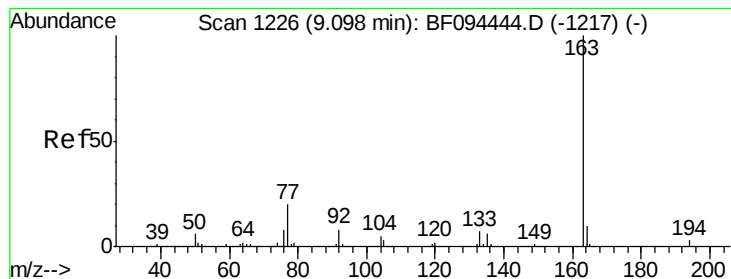
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#44
 2-Fluorobiphenyl
 Concen: 88.00 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094503.D
 Acq: 18 Apr 2017 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	948088		
171	35.9	29.6	44.4	
170	23.6	19.8	29.8	





#49

Dimethylphthalate

Concen: 31.94 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF094503.D

Acq: 18 Apr 2017 23:00

Instrument :

BNA_F

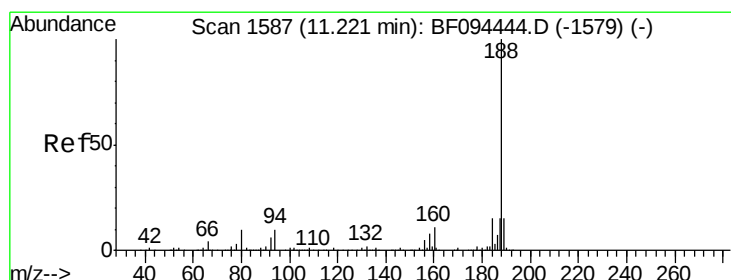
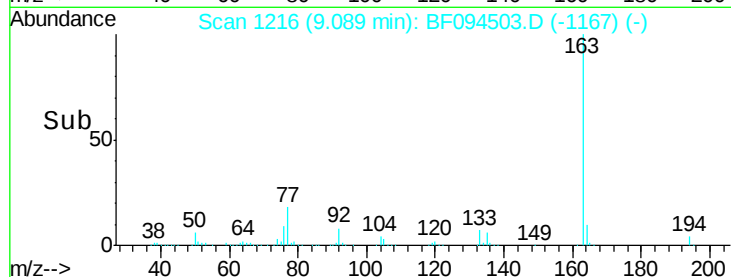
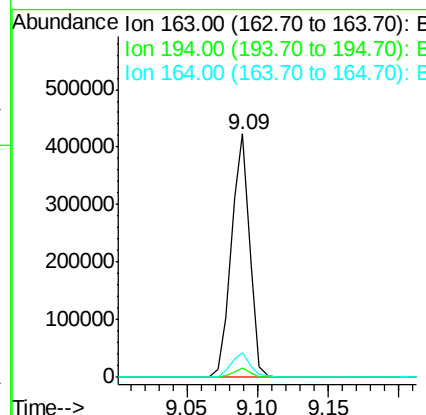
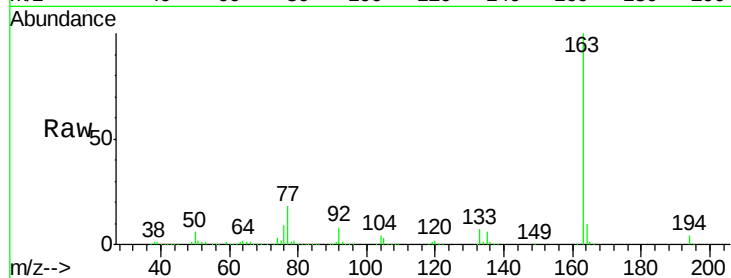
ClientSampleId :

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Tot Ion:	163	Resp:	377334
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.6	4.0
164	10.0	8.4	12.6

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#63

Phenanthrene-d10

Concen: 20.00 ng

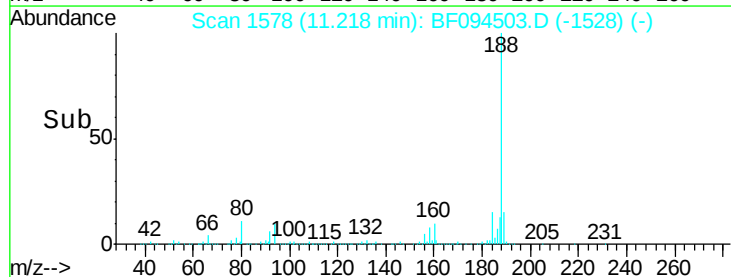
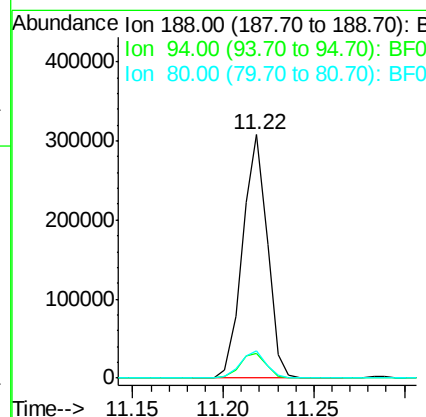
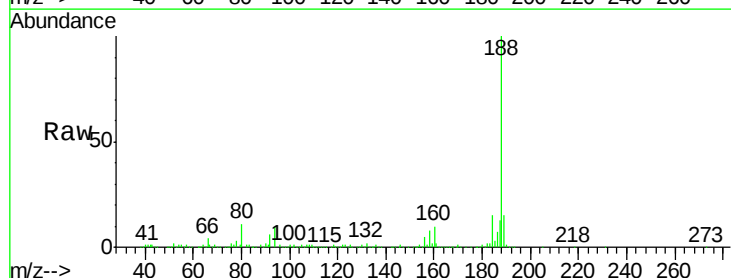
RT: 11.22 min Scan# 1578

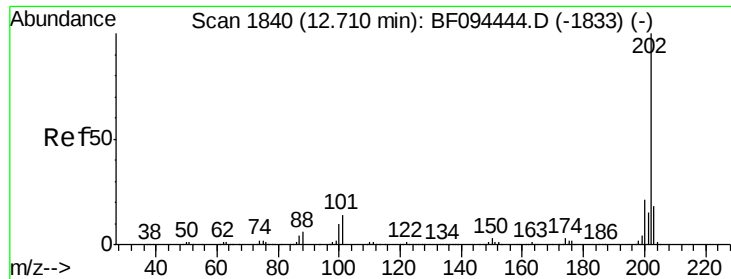
Delta R.T. -0.00 min

Lab File: BF094503.D

Acq: 18 Apr 2017 23:00

Tgt Ion:	188	Resp:	291268
Ion Ratio	Lower	Upper	
188	100		
94	10.3	9.4	14.2
80	11.0	10.2	15.2





#74

Fluoranthene

Concen: 2.37 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF094503.D

Acq: 18 Apr 2017 23:00

Instrument :

BNA_F

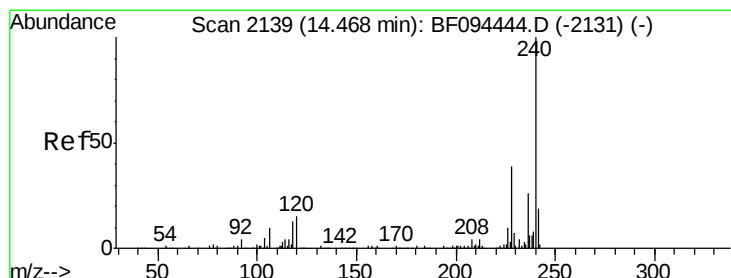
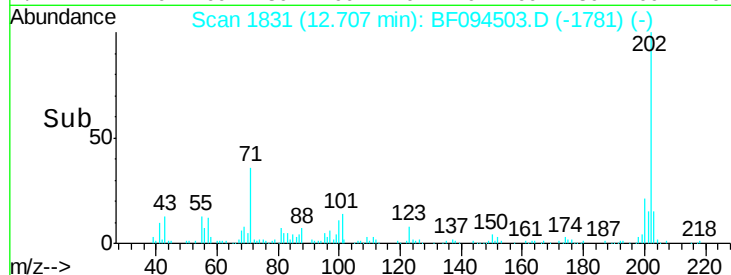
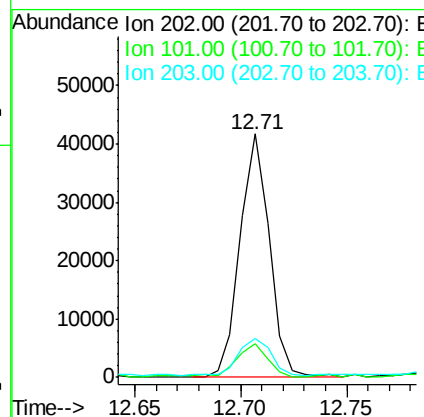
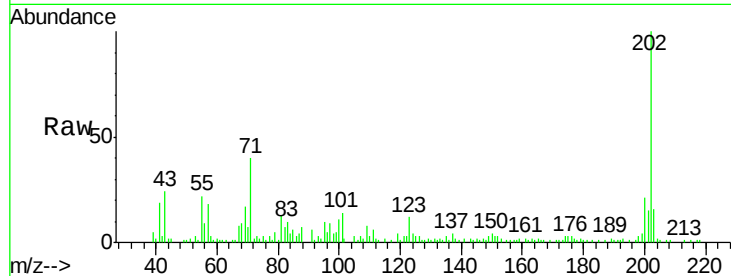
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
202	100		
101	15.8	0.0	33.2
203	16.1	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

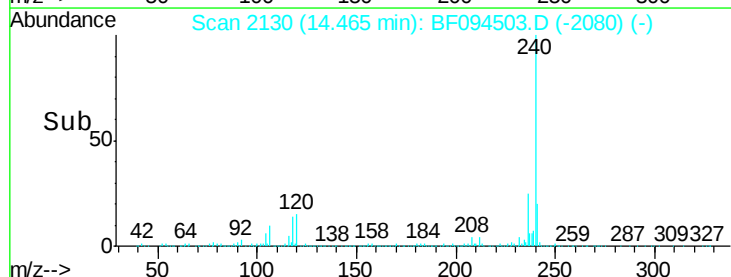
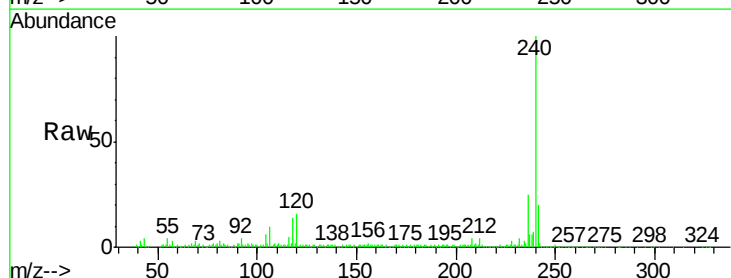
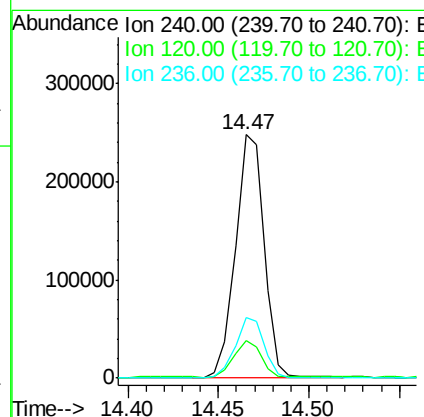
RT: 14.47 min Scan# 2130

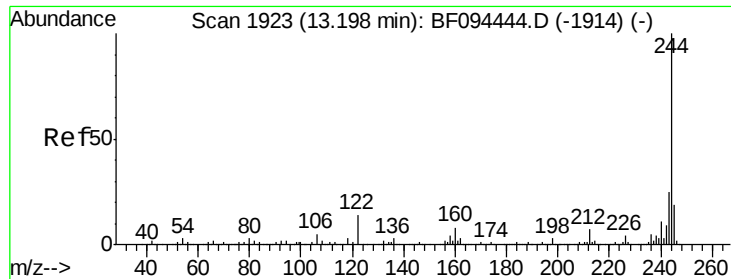
Delta R.T. -0.00 min

Lab File: BF094503.D

Acq: 18 Apr 2017 23:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	24.7	20.5	30.7





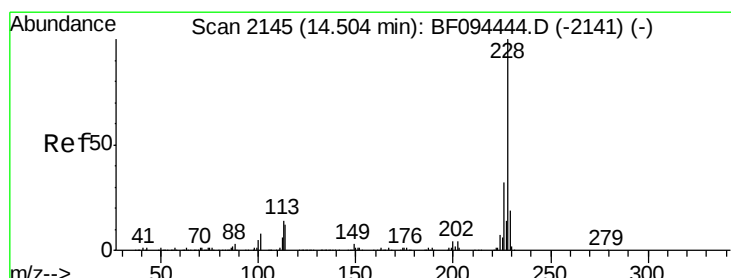
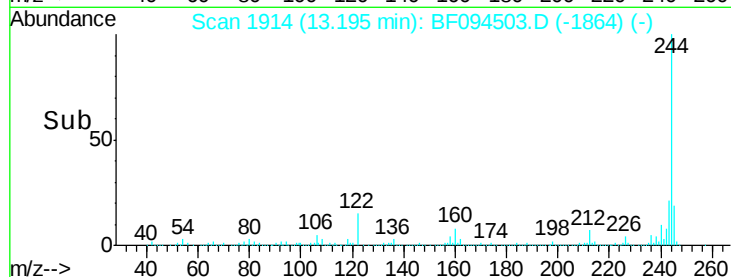
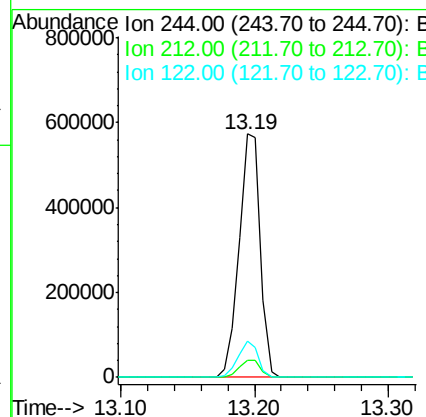
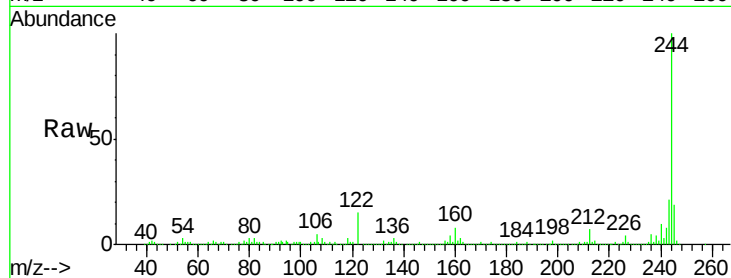
#78
 Terphenyl-d14
 Concen: 62.78 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094503.D
 Acq: 18 Apr 2017 23:00

Instrument :
 BNA_F
 ClientSampleId :
 EME-COMPOST-01

Tot Ion	Ratio	Resp	Lower	Upper
244	100	638798		
212	7.1		6.0	9.0
122	15.0		10.3	15.5

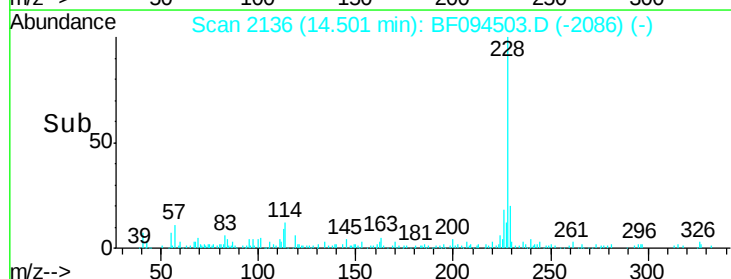
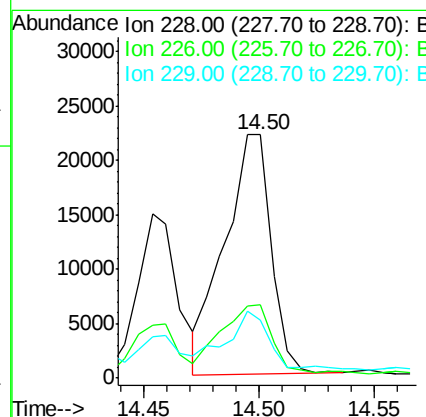
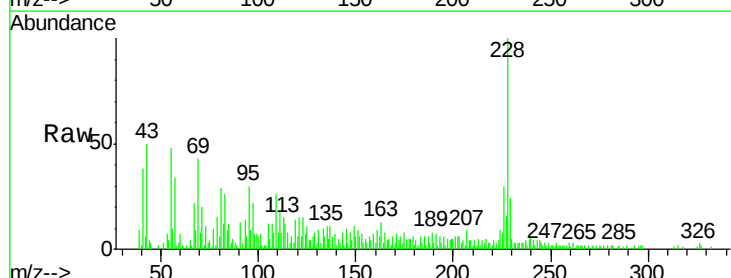
Manual Integrations
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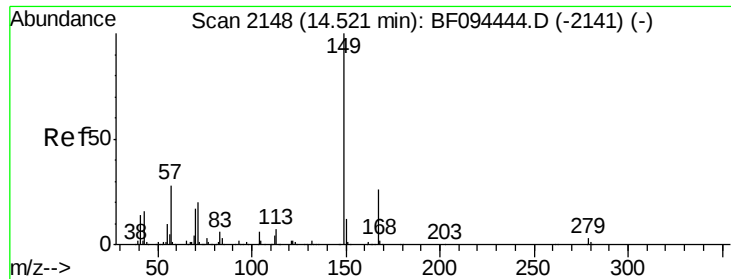
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#82
 Chrysene
 Concen: 2.14 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094503.D
 Acq: 18 Apr 2017 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	30927		
226	30.2		24.9	37.3
229	23.9		15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.57 ng

RT: 14.53 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BF094503.D

Acq: 18 Apr 2017 23:00

Instrument :

BNA_F

ClientSampleId :

EME-COMPOST-01

Tot Ion:149 Resp: 118175

Ion Ratio Lower Upper

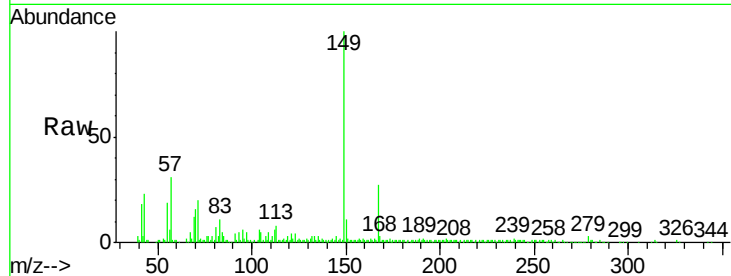
149 100

167 26.6 21.0 31.4

279 3.3 1.9 2.9#

Manual Integrations
APPROVED

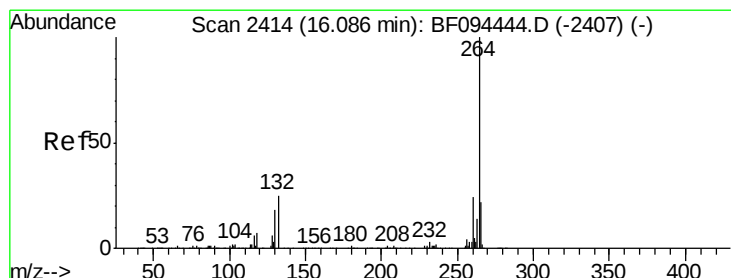
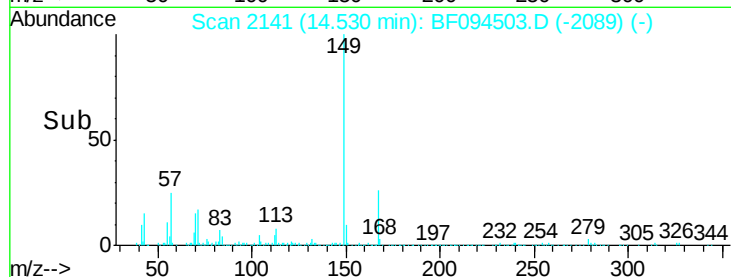
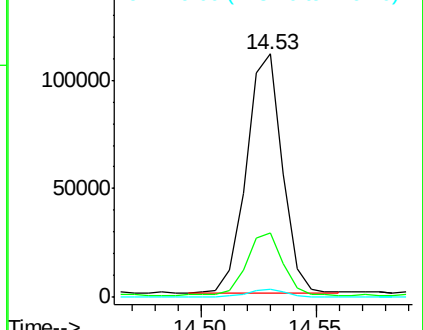
mohammad
4/19/2017 1:33:50 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 2407

Delta R.T. 0.01 min

Lab File: BF094503.D

Acq: 18 Apr 2017 23:00

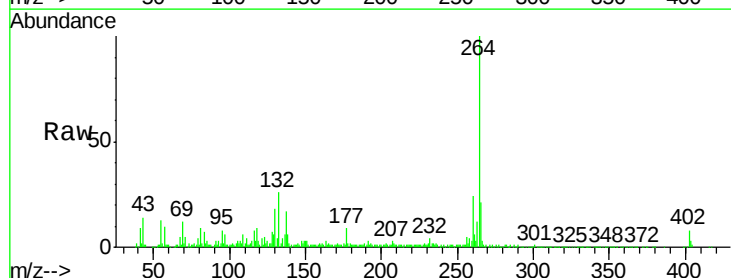
Tgt Ion:264 Resp: 198953

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

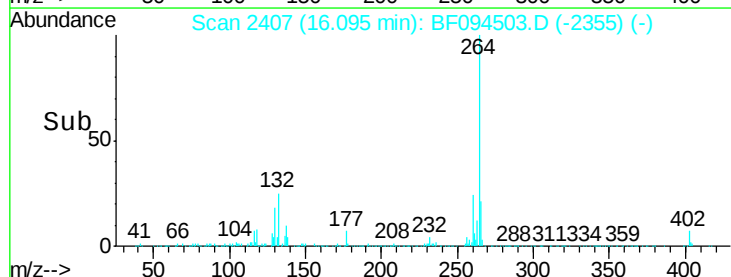
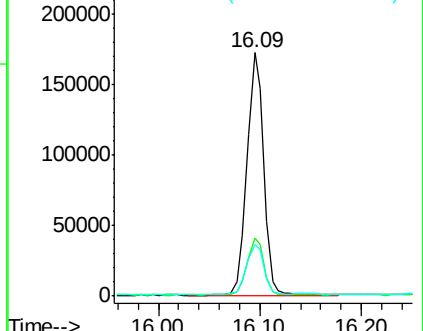
265 21.2 17.2 25.8

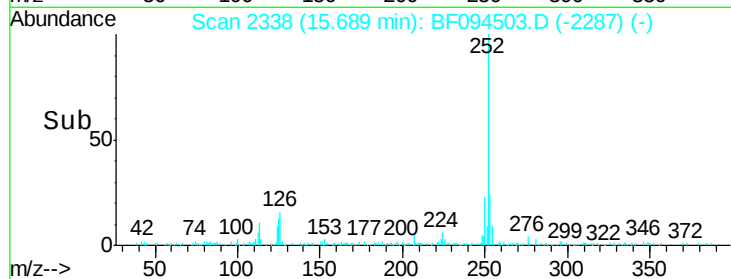
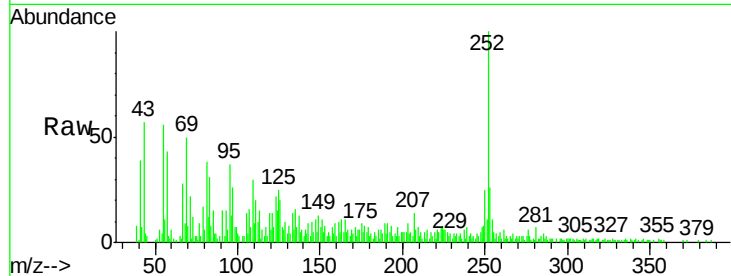
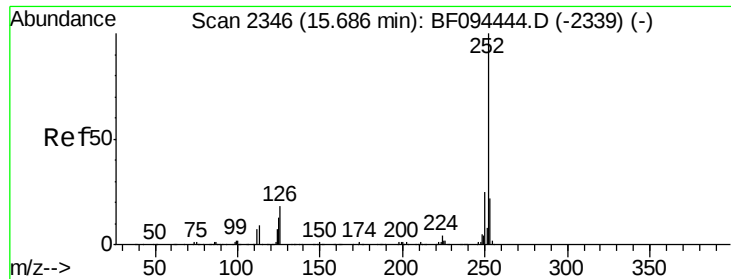


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87
 Benzo(b)fluoranthene
 Concen: 3.57 ng m
 RT: 15.69 min Scan# 2338
 Delta R.T. 0.00 min
 Lab File: BF094503.D
 Acq: 18 Apr 2017 23:00

Instrument :
 BNA_F
 ClientSampleId :
 EME-COMPOST-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.1	27.1
125	25.2	9.8	14.8

Manual Integrations
 APPROVED

mohammad
 4/19/2017 1:33:50 PM

