

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094690.D
 Acq On : 28 Apr 2017 18:16
 Operator : SJ/MA
 Sample : I2869-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KEARNY-GEN-STA-SP-(0-2)

Manual Integrations
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 5/1/2017 6:36:08 PM

Quant Time: May 01 13:10:35 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	90860	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	362779	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	154056	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	237574	20.00	ng	0.00
75) Chrysene-d12	14.47	240	201464	20.00	ng	0.00
86) Perylene-d12	16.10	264	158150	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	684180	124.93	ng	0.02
7) Phenol-d6	5.40	99	848644	131.44	ng	0.00
23) Nitrobenzene-d5	6.42	82	498300	84.82	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	144466	119.89	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	885690	84.59	ng	0.00
78) Terphenyl-d14	13.19	244	587304	77.92	ng	0.00
Target Compounds						Qvalue
10) Phenol	5.41	94	18660	2.35	ng	96
31) Naphthalene	7.28	128	89420	5.13	ng	99
37) 2-Methylnaphthalene	8.12	142	56311	4.72	ng	97
48) Acenaphthylene	9.22	152	37145	2.38	ng	98
49) Dimethylphthalate	9.08	163	46115	4.02	ng	99
54) Dibenzofuran	9.65	168	31180	2.30	ng	96
70) Phenanthrene	11.25	178	132454	9.90	ng	97
71) Anthracene	11.31	178	67990	4.91	ng	97
74) Fluoranthene	12.71	202	239664	17.28	ng	97
77) Pyrene	12.98	202	262107	18.62	ng	97
80) Benzo(a)anthracene	14.46	228	137029	11.70	ng	95
82) Chrysene	14.50	228	159874	14.94	ng	96
85) Indeno(1,2,3-cd)pyrene	17.39	276	67705	6.65	ng	96
87) Benzo(b)fluoranthene	15.70	252	243410m	25.16	ng	
88) Benzo(k)fluoranthene	15.72	252	75209m	8.21	ng	
89) Benzo(a)pyrene	16.05	252	108267	12.03	ng	99
90) Dibenzo(a,h)anthracene	17.40	278	21327m	2.85	ng	
91) Benzo(g,h,i)perylene	17.77	276	64522	8.48	ng	97

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

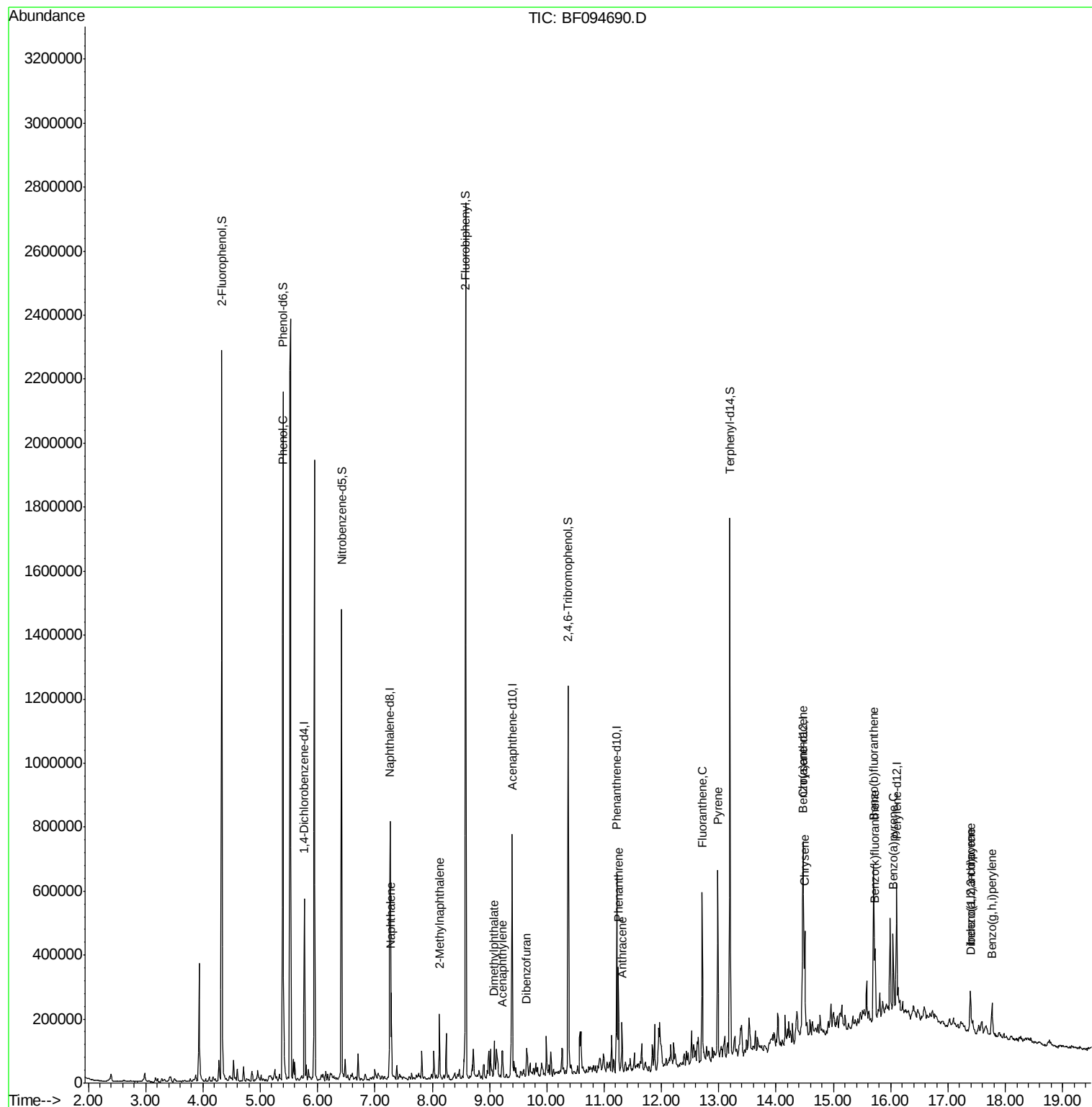
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
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ALS Vial : 11 Sample Multiplier: 1

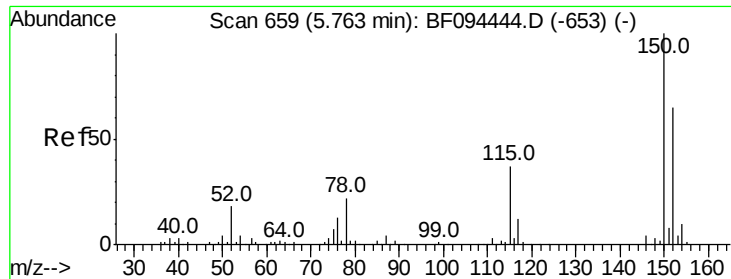
Instrument :
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#1

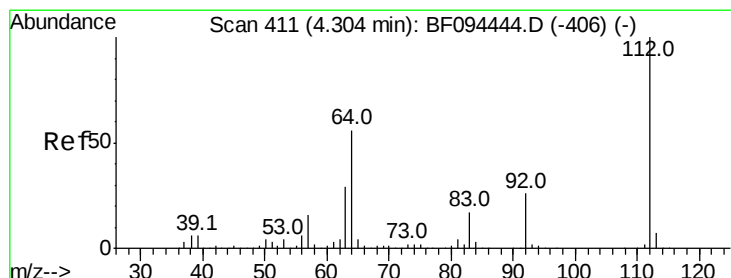
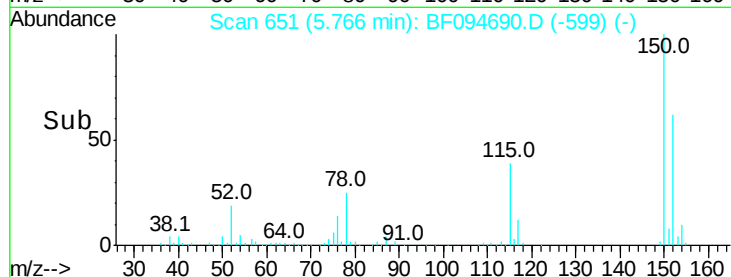
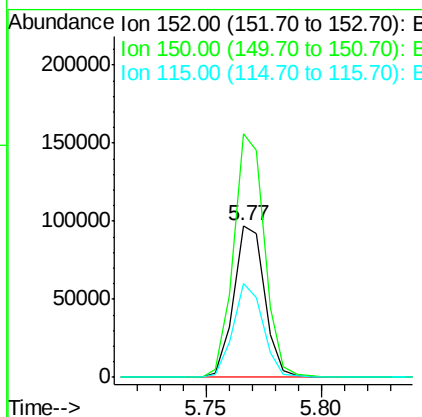
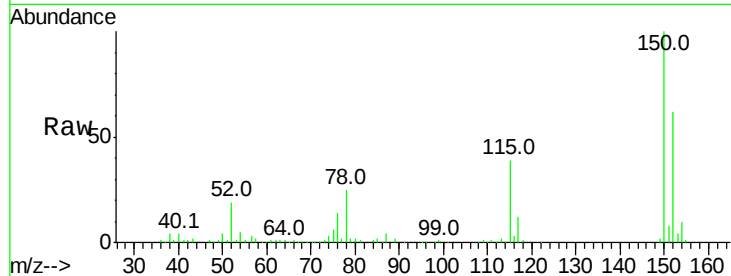
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :
KEARNY-GEN-STA-SP-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	62.0	52.2	78.2

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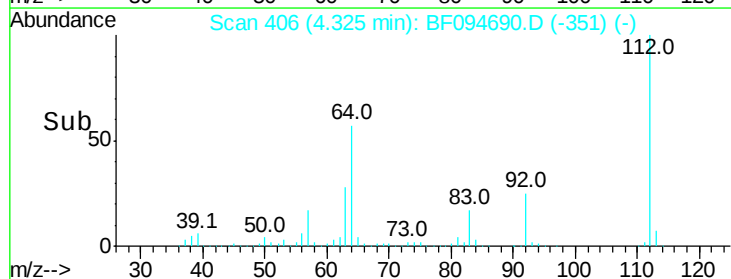
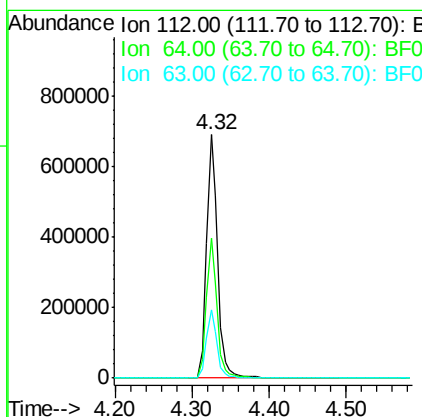
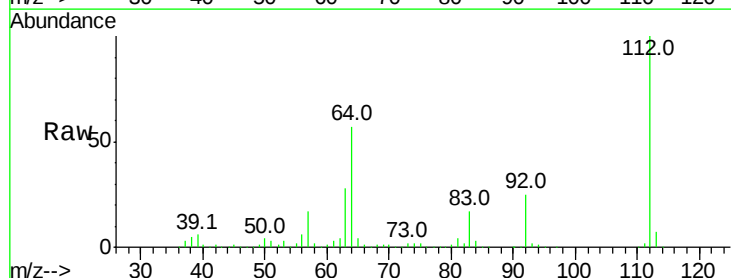
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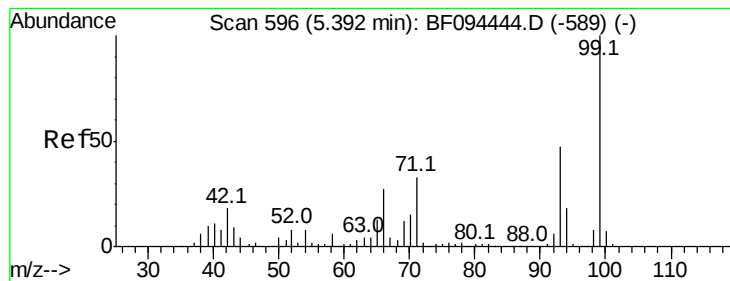


#5

2-Fluorophenol
Concen: 124.93 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.0	69.0
63	28.1	23.4	35.0





#7

Phenol-d6

Concen: 131.44 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094690.D

Acq: 28 Apr 2017 18:16

Instrument :

BNA_F

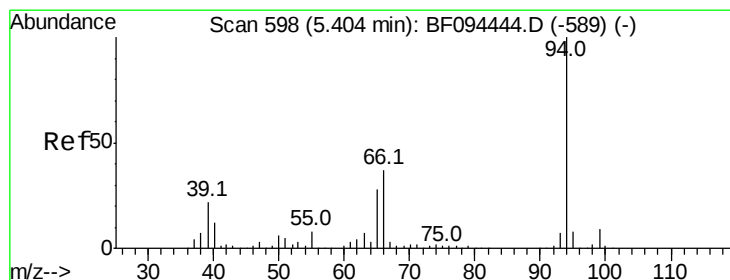
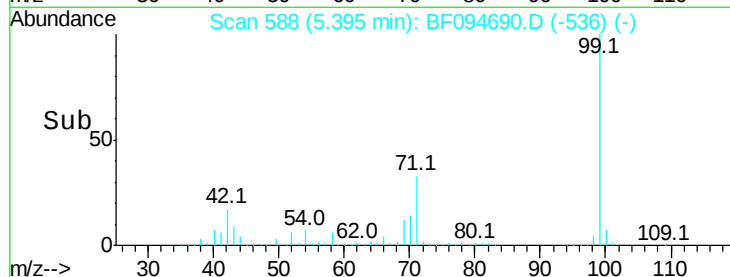
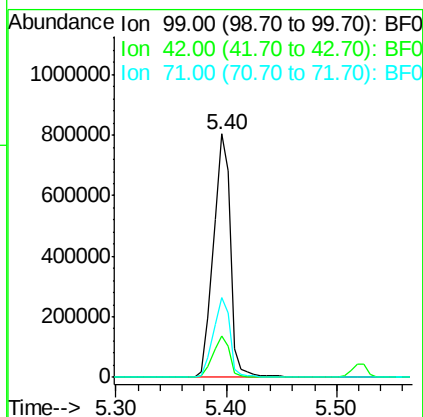
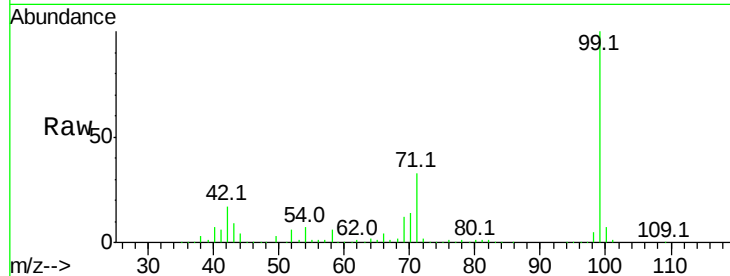
ClientSampleId :

KEARNY-GEN-STA-SP-(0-2)

Tot Ion:	99	Resp:	848644
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.5	20.3
71	32.9	24.5	36.7

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#10

Phenol

Concen: 2.35 ng

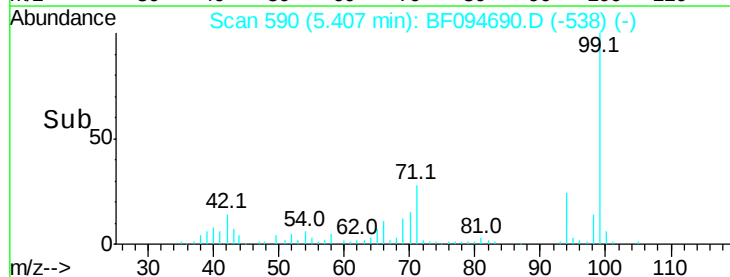
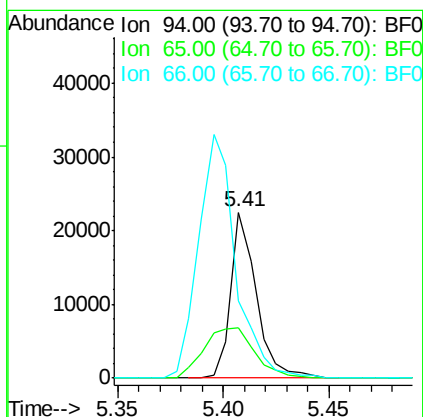
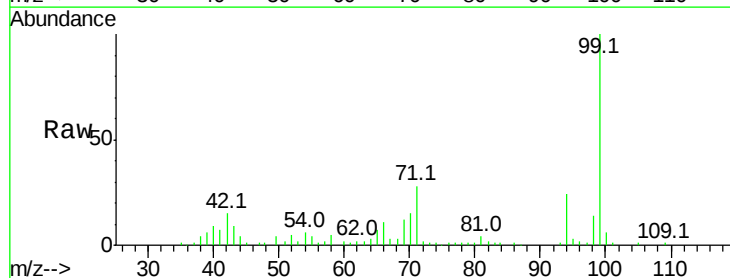
RT: 5.41 min Scan# 590

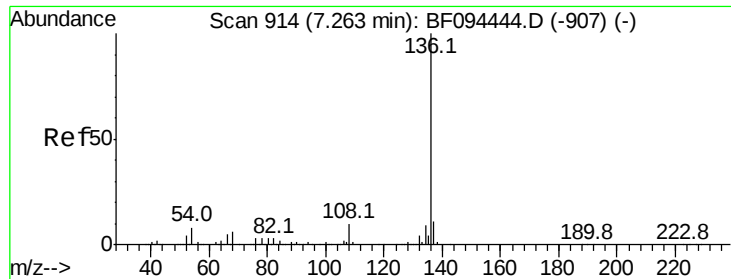
Delta R.T. 0.00 min

Lab File: BF094690.D

Acq: 28 Apr 2017 18:16

Tgt Ion:	94	Resp:	18660
Ion Ratio	Lower	Upper	
94	100		
65	30.4	9.9	49.9
66	46.7	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: BF094690.D

Acq: 28 Apr 2017 18:16

Instrument :

BNA_F

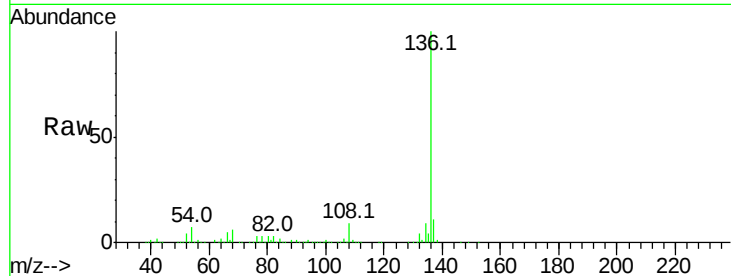
ClientSampleId :

KEARNY-GEN-STA-SP-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	362779		
137	11.2		8.5	12.7
54	7.1		4.9	7.3
68	5.6		4.1	6.1

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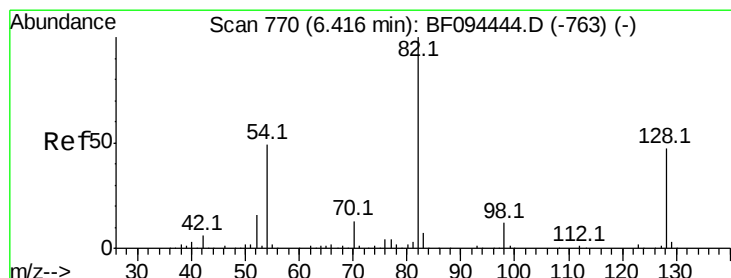
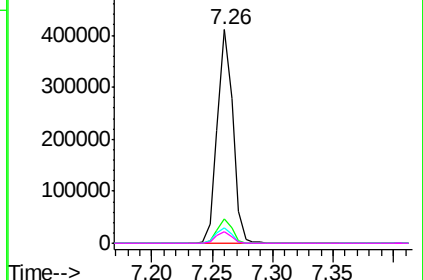
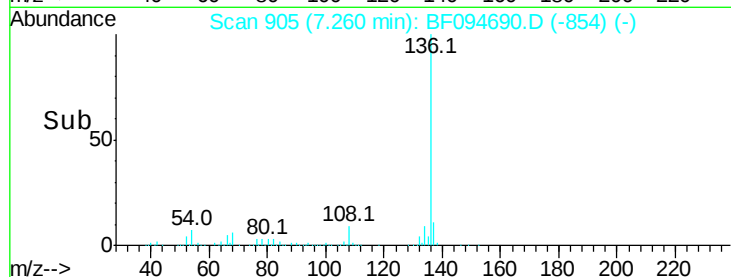


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.82 ng

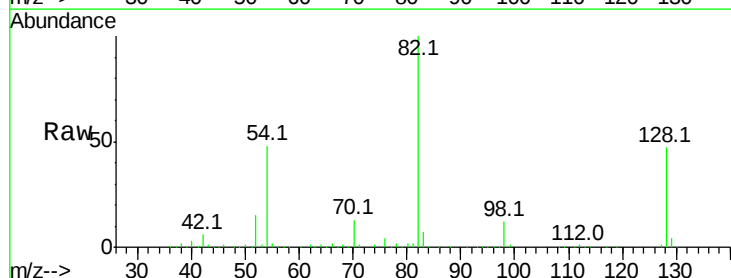
RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094690.D

Acq: 28 Apr 2017 18:16

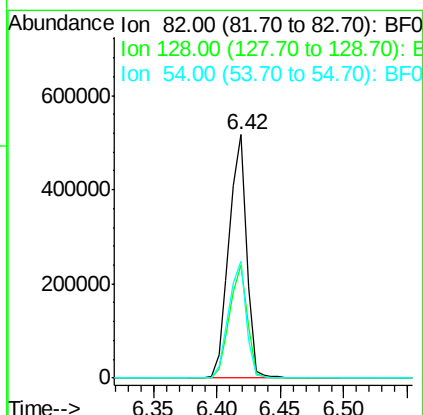
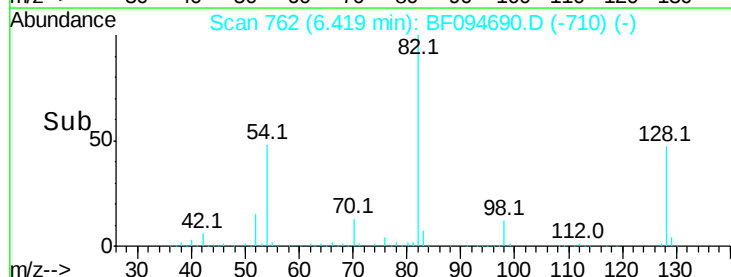
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	498300		
128	46.6		34.0	51.0
54	47.8		42.2	63.2

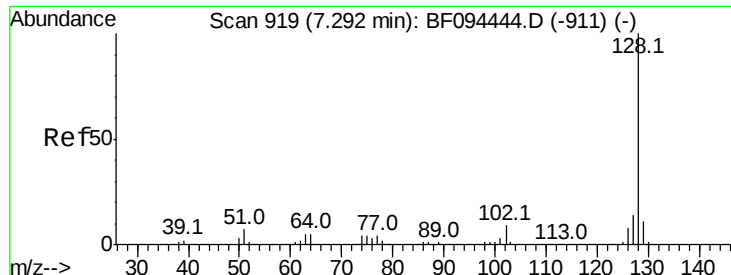


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





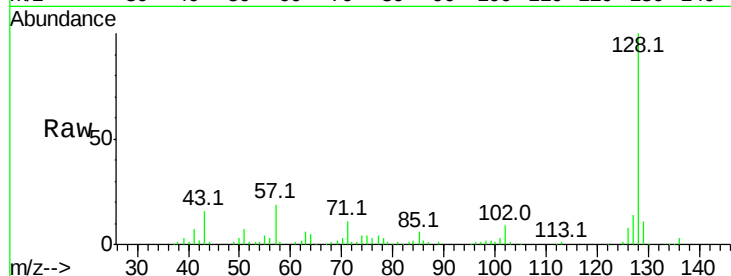
#31
Naphthalene
Concen: 5.13 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :
KEARNY-GEN-STA-SP-(0-2)

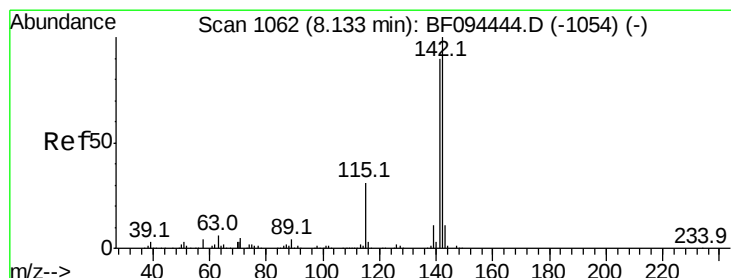
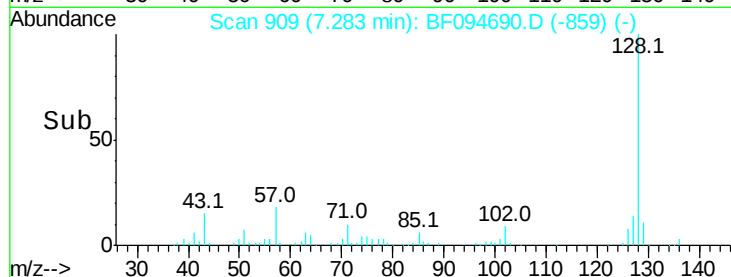
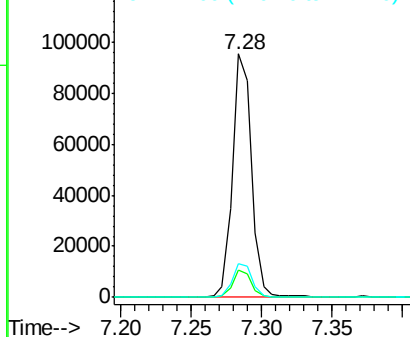
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.7	10.8	16.2

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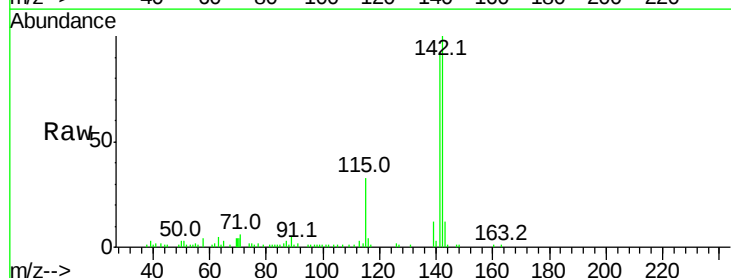


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

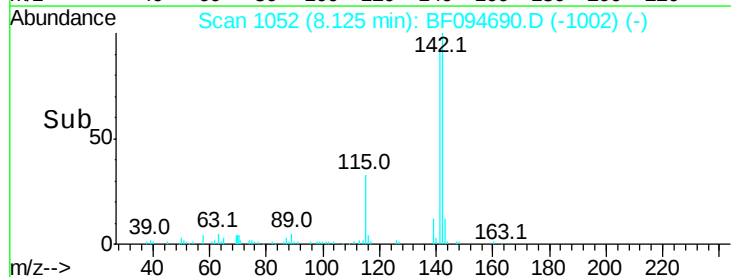
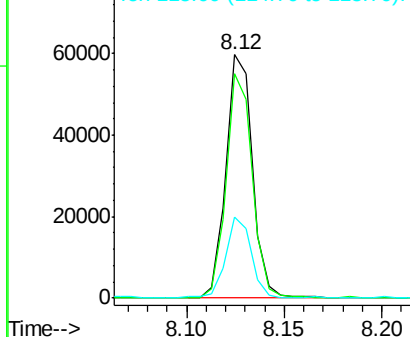


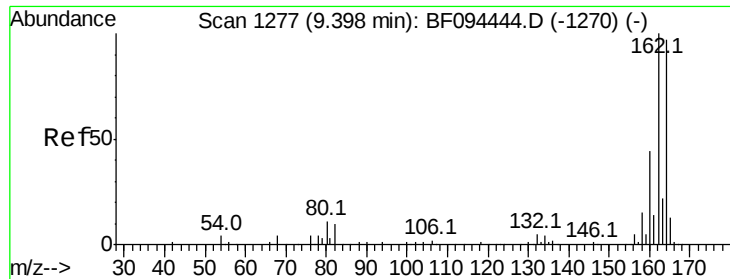
#37
2-Methylnaphthalene
Concen: 4.72 ng
RT: 8.12 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.3	106.9
115	33.2	27.1	40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





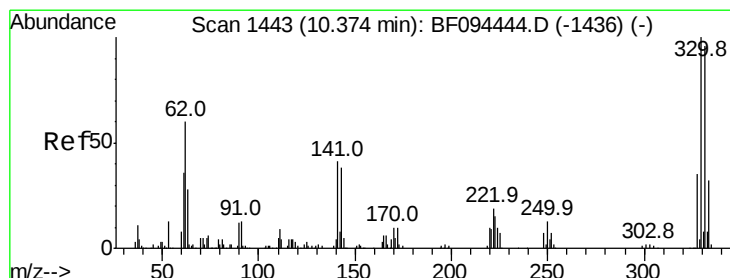
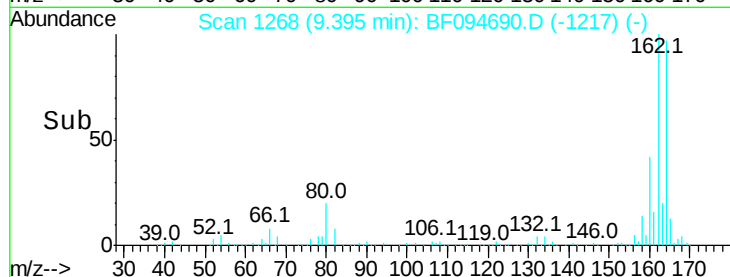
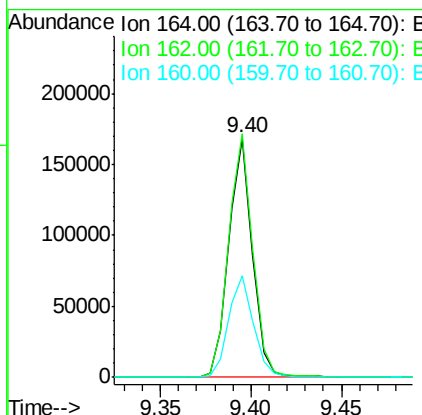
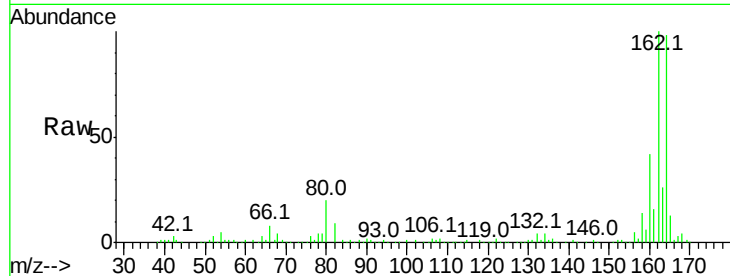
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :
KEARNY-GEN-STA-SP-(0-2)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	42.7	36.2	54.2

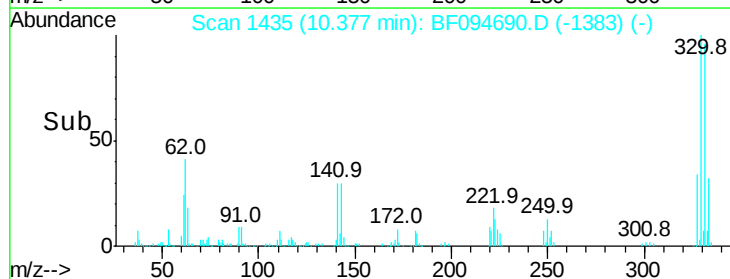
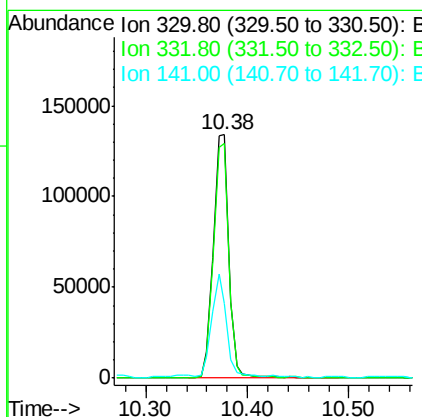
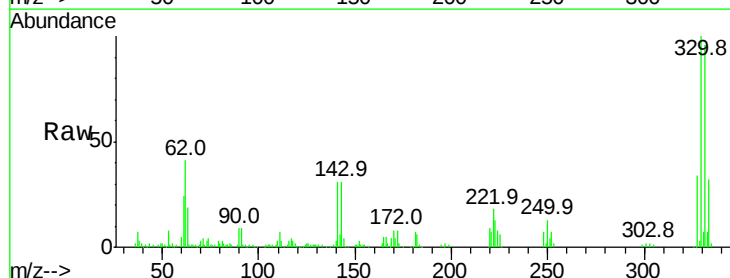
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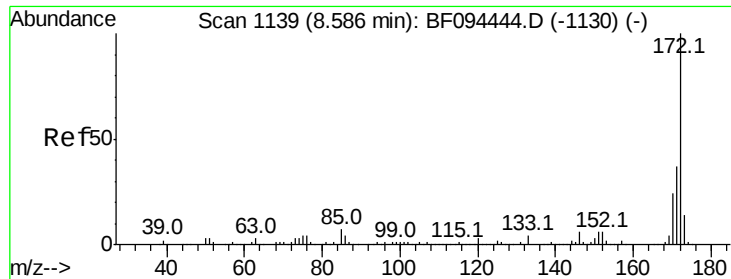
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#41
2,4,6-Tribromophenol
Concen: 119.89 ng
RT: 10.38 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	39.2	31.4	47.2





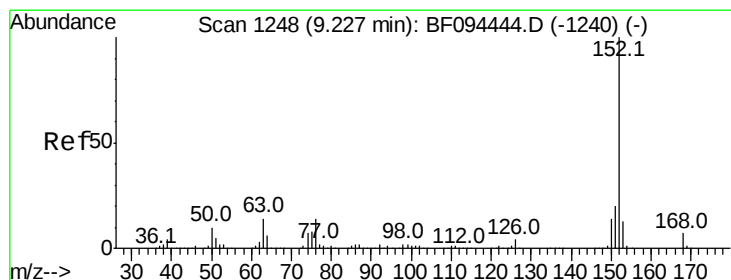
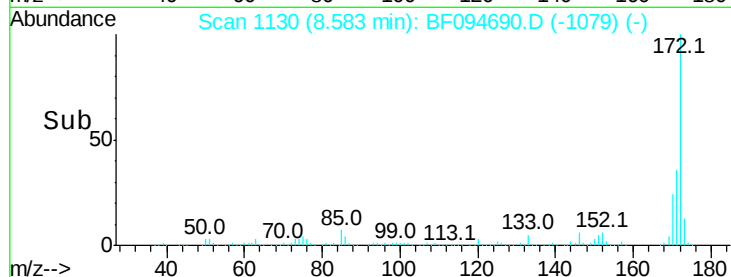
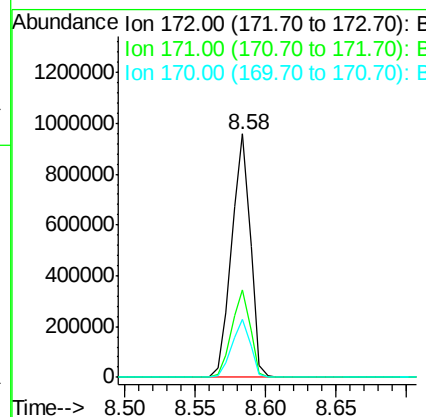
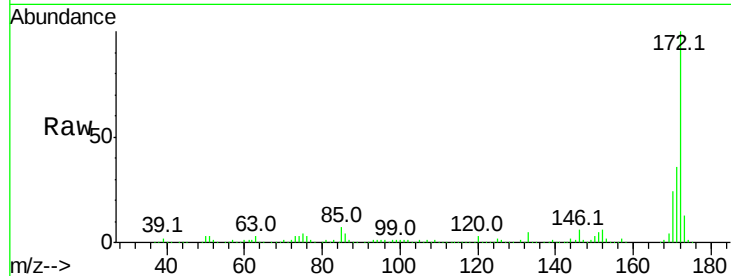
#44
2-Fluorobiphenyl
Concen: 84.59 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :
KEARNY-GEN-STA-SP-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	885690		
171	35.8		29.6	44.4
170	23.6		19.8	29.8

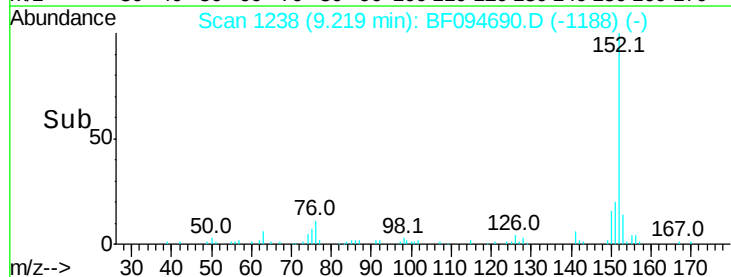
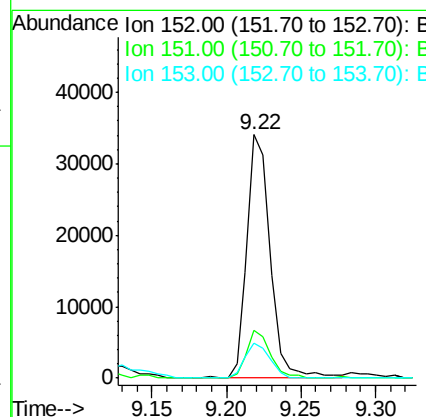
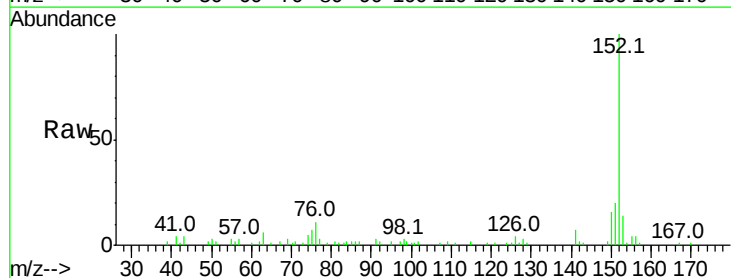
Manual Integrations
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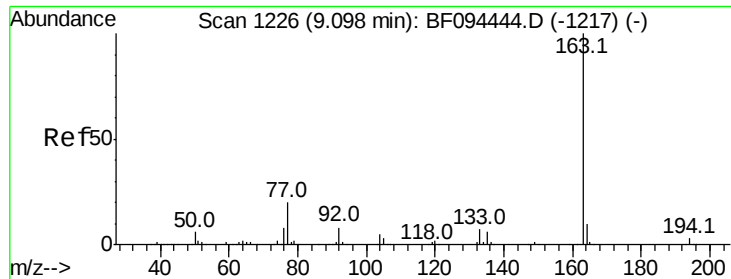
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#48
Acenaphthylene
Concen: 2.38 ng
RT: 9.22 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	37145		
151	19.8		16.8	25.2
153	14.4		10.8	16.2





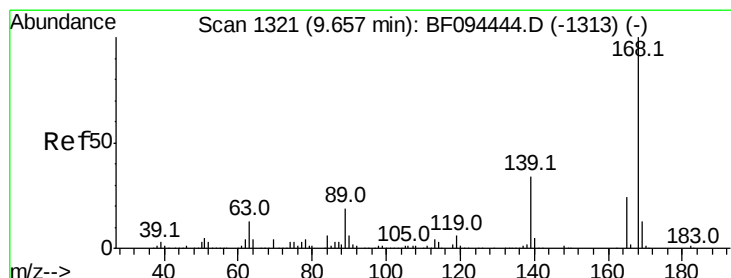
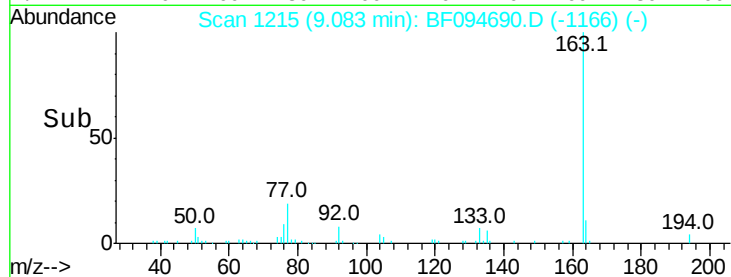
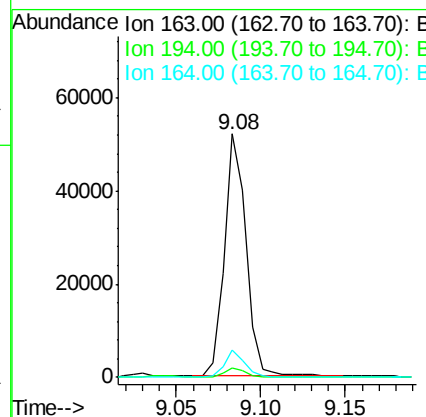
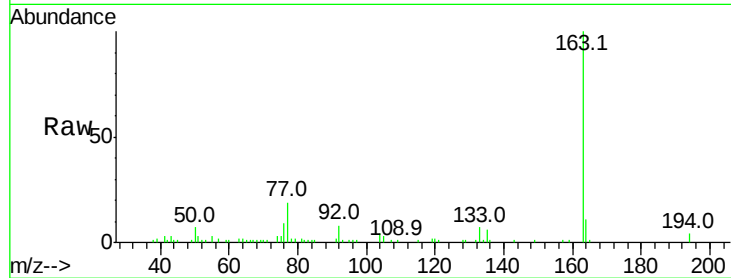
#49
Dimethylphthalate
Concen: 4.02 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :
KEARNY-GEN-STA-SP-(0-2)

Tot Ion:	163	Resp:	46115
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.6	4.0
164	11.0	8.4	12.6

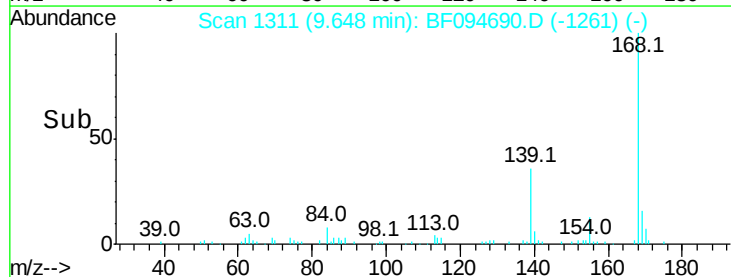
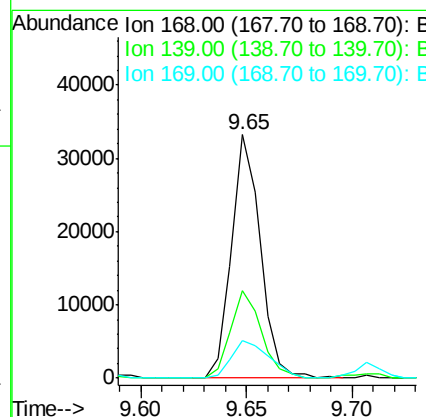
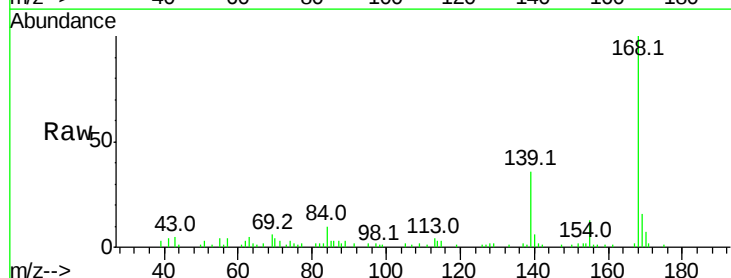
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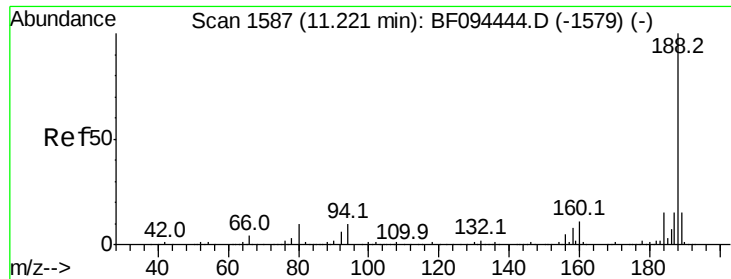
mohammad
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#54
Dibenzofuran
Concen: 2.30 ng
RT: 9.65 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:	168	Resp:	31180
Ion Ratio	Lower	Upper	
168	100		
139	36.0	30.6	45.8
169	15.6	10.8	16.2





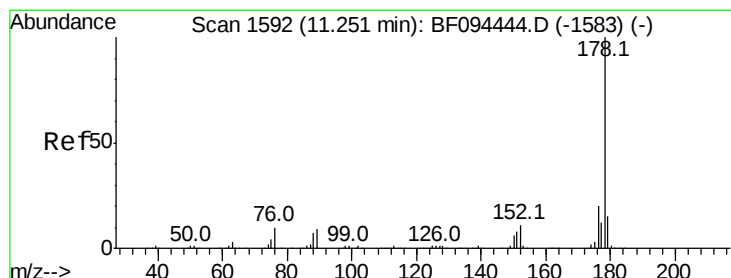
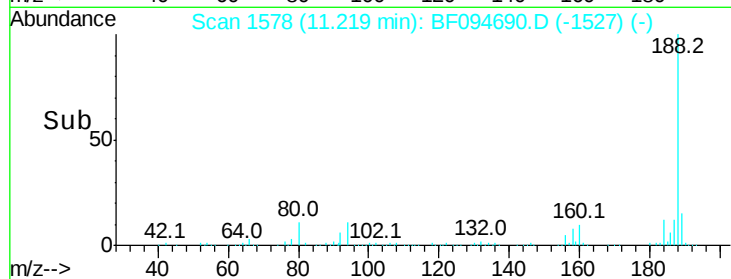
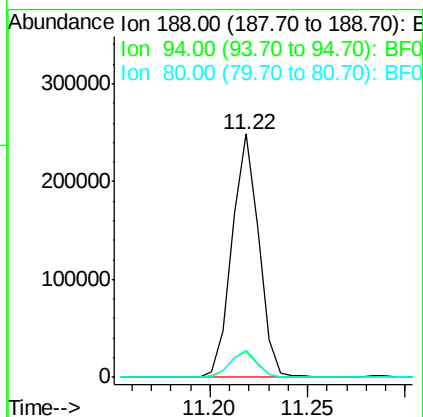
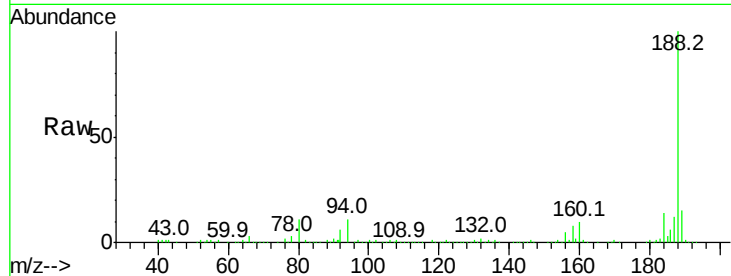
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :
KEARNY-GEN-STA-SP-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	237574		
94	10.6		9.4	14.2
80	11.2		10.2	15.2

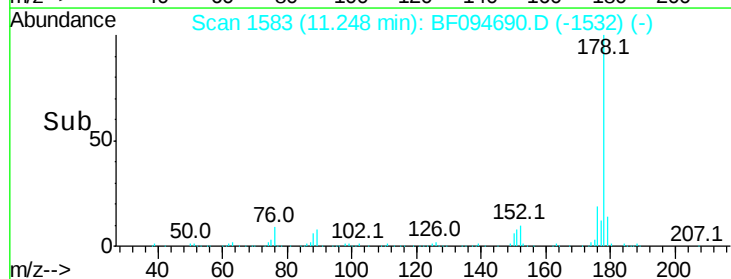
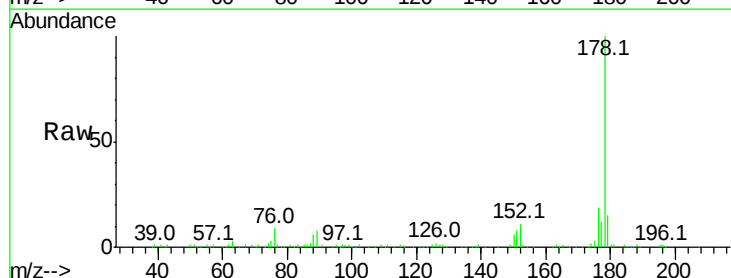
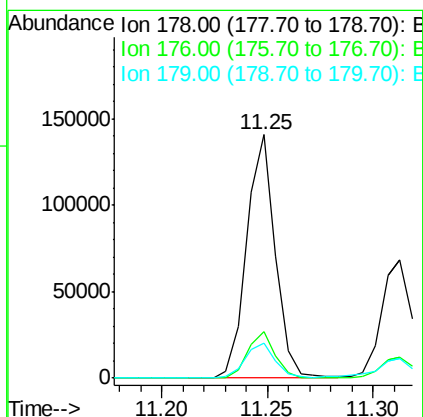
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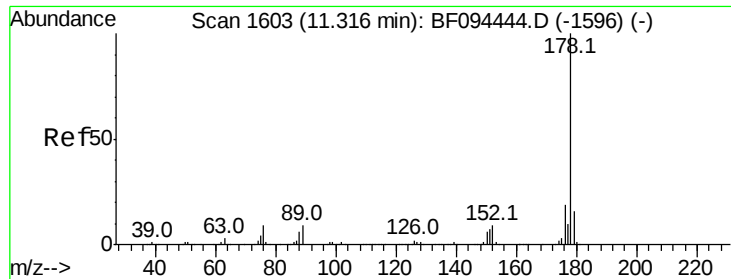
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#70
Phenanthrene
Concen: 9.90 ng
RT: 11.25 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	132454		
176	19.2		16.2	24.4
179	14.5		12.6	19.0





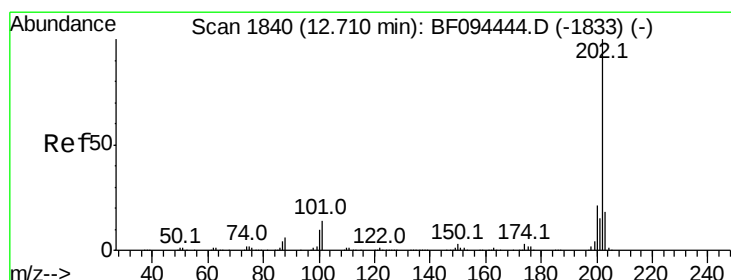
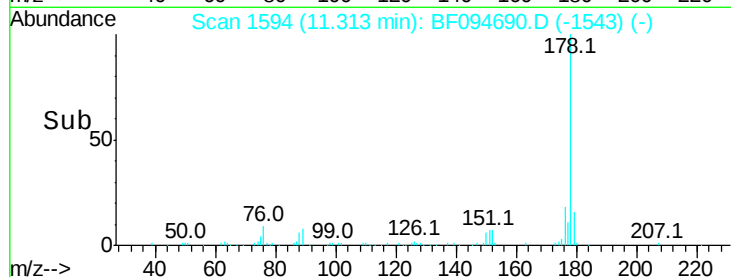
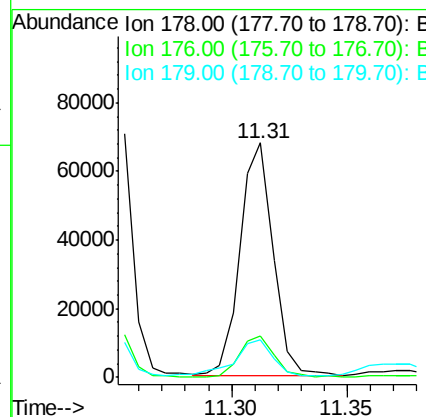
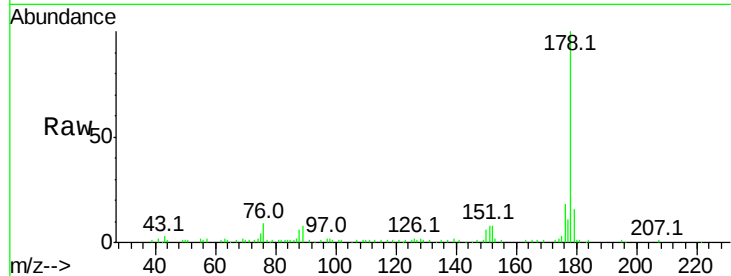
#71
 Anthracene
 Concen: 4.91 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094690.D
 Acq: 28 Apr 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 KEARNY-GEN-STA-SP-(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.8
179	16.2	12.7	19.1

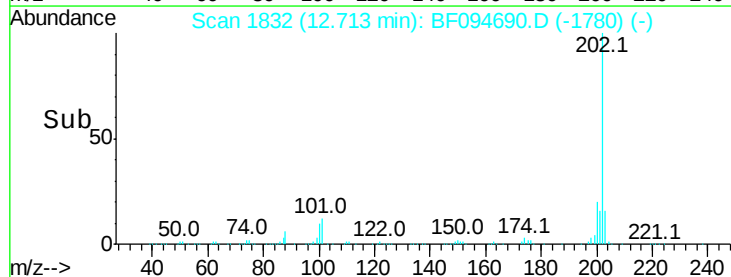
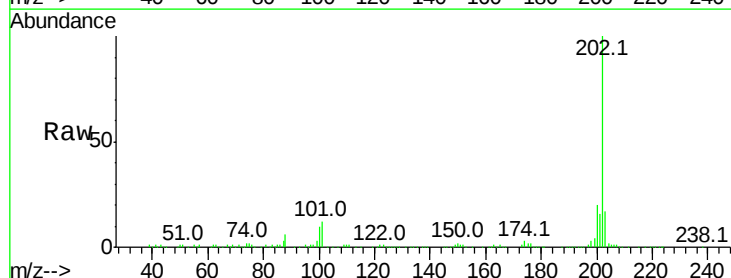
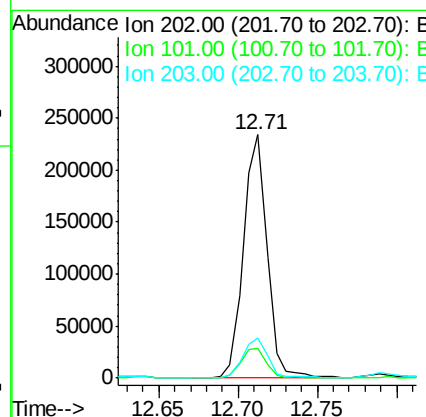
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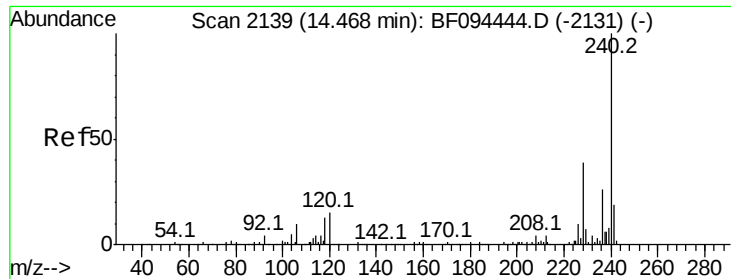
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#74
 Fluoranthene
 Concen: 17.28 ng
 RT: 12.71 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BF094690.D
 Acq: 28 Apr 2017 18:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	16.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094690.D

Acq: 28 Apr 2017 18:16

Instrument :

BNA_F

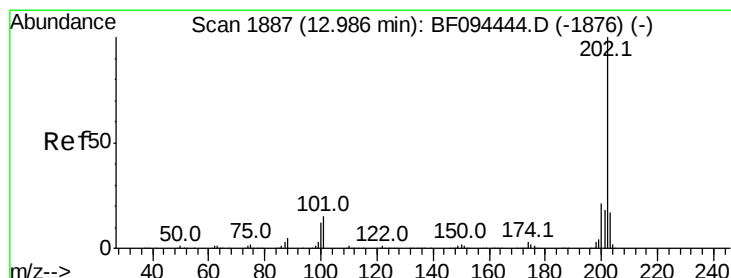
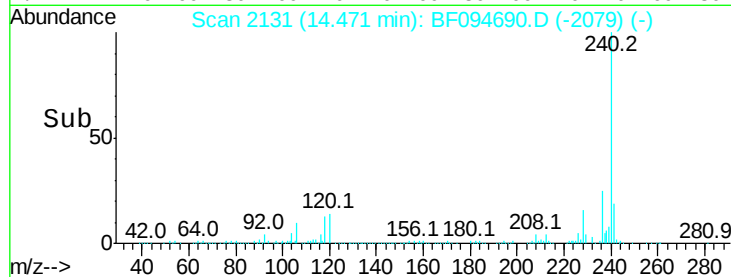
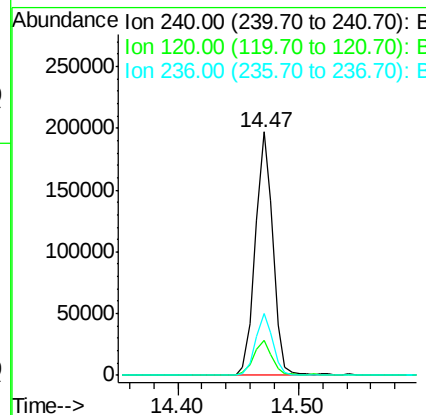
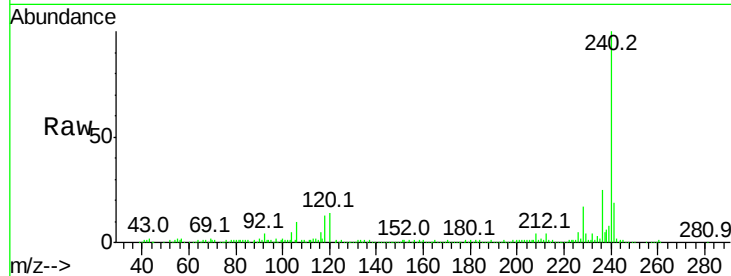
ClientSampleId :

KEARNY-GEN-STA-SP-(0-2)

Tot Ion:240 Resp: 201464
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.8 8.8#
 236 25.4 20.5 30.7

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#77

Pyrene

Concen: 18.62 ng

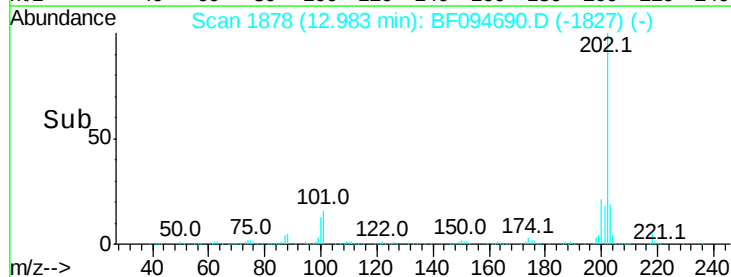
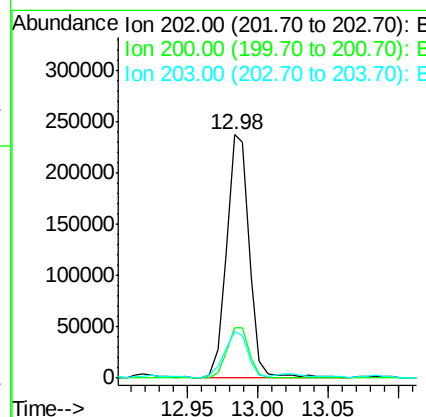
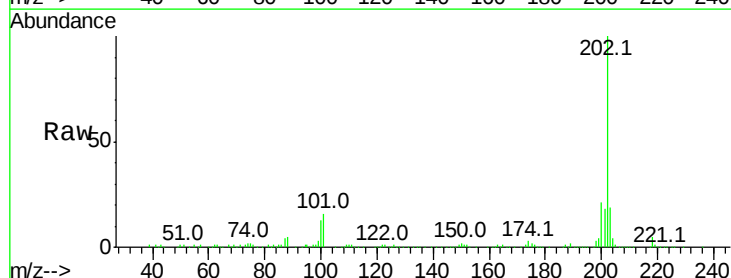
RT: 12.98 min Scan# 1878

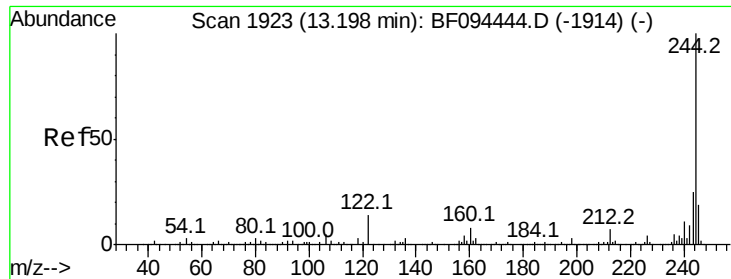
Delta R.T. -0.00 min

Lab File: BF094690.D

Acq: 28 Apr 2017 18:16

Tgt Ion:202 Resp: 262107
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.6 26.4
 203 19.4 14.4 21.6





#78

Terphenyl-d14

Concen: 77.92 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094690.D

Acq: 28 Apr 2017 18:16

Instrument :

BNA_F

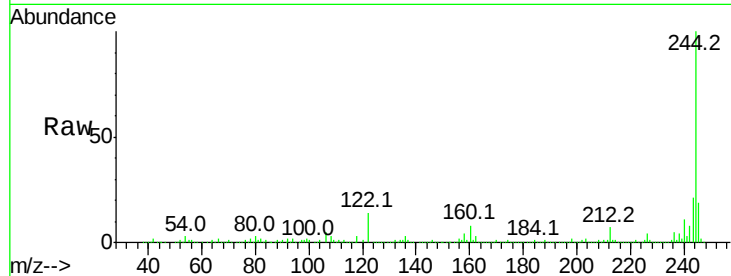
ClientSampleId :

KEARNY-GEN-STA-SP-(0-2)

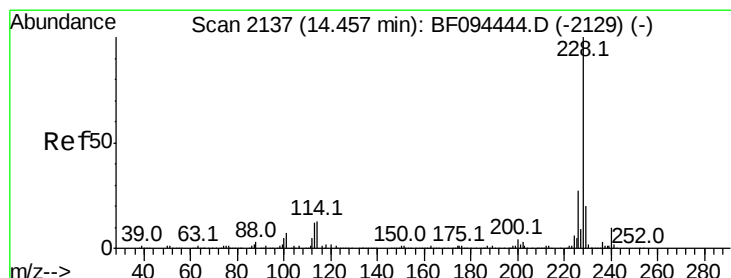
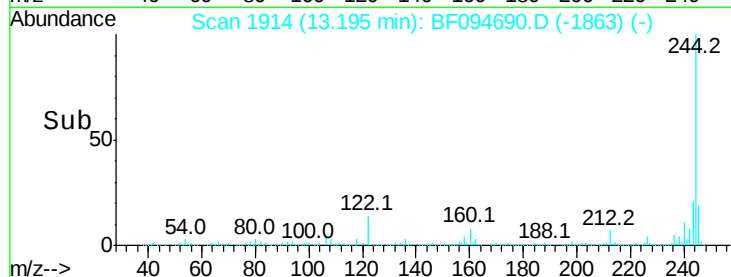
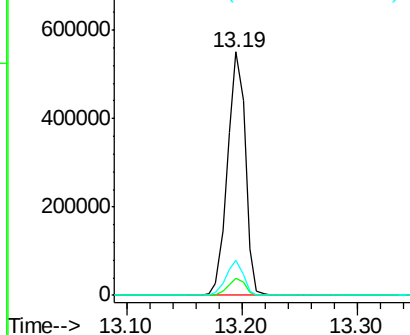
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.3	10.3	15.5

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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



#80

Benzo(a)anthracene

Concen: 11.70 ng

RT: 14.46 min Scan# 2129

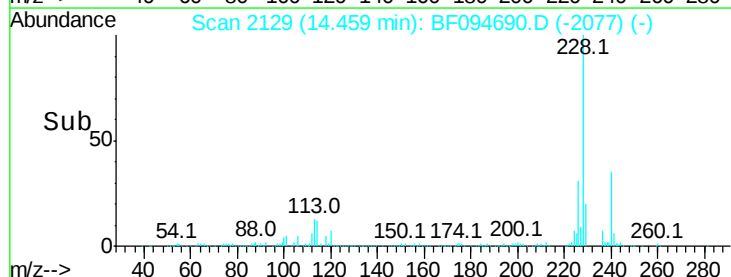
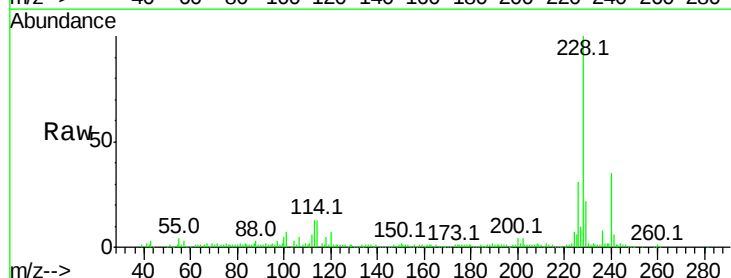
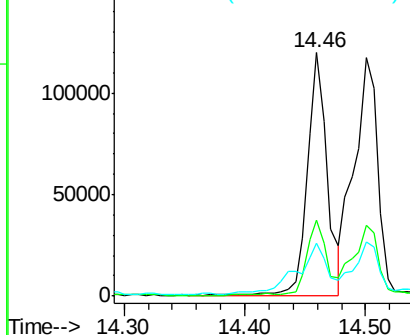
Delta R.T. 0.00 min

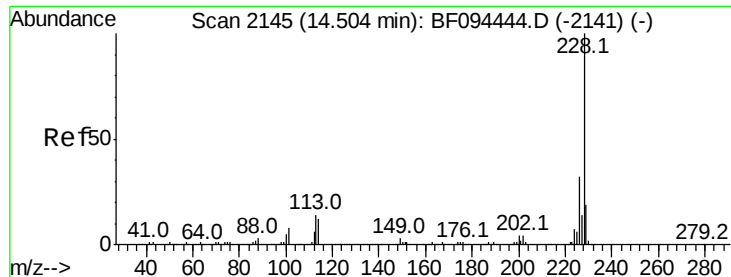
Lab File: BF094690.D

Acq: 28 Apr 2017 18:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	21.8	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





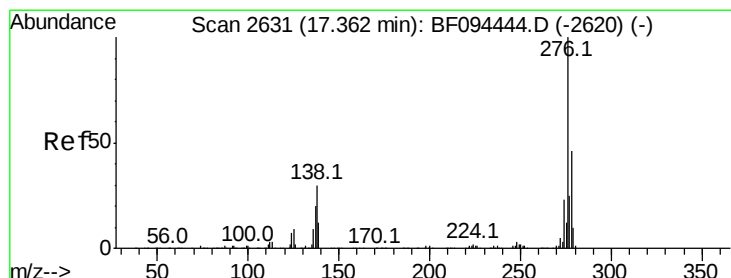
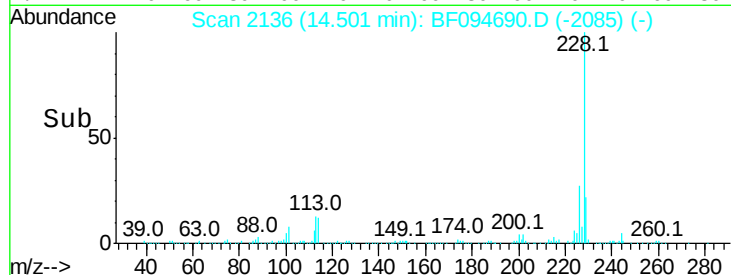
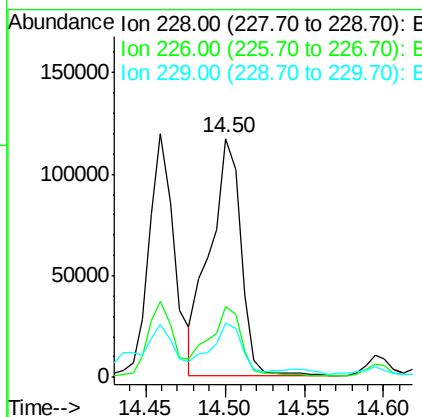
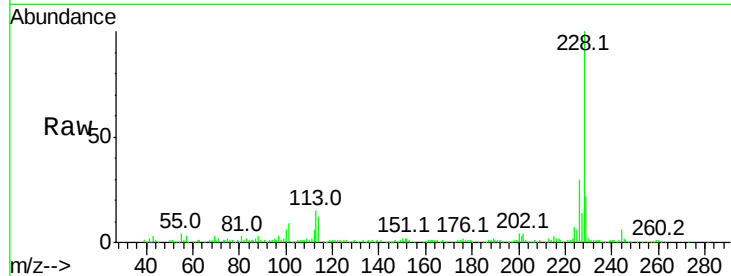
#82
Chrysene
Concen: 14.94 ng
RT: 14.50 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :
KEARNY-GEN-STA-SP-(0-2)

Tot Ion:228	Resp:	159874
Ion Ratio	Lower	Upper
228	100	
226	29.7	24.9 37.3
229	22.5	15.8 23.6

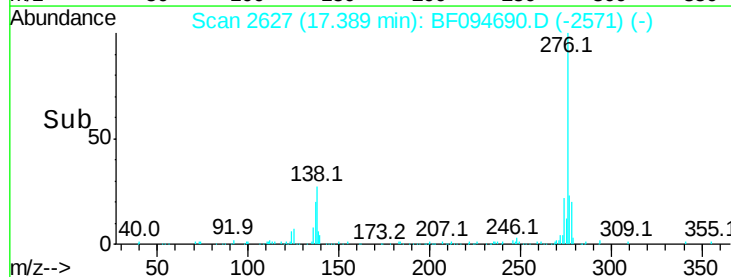
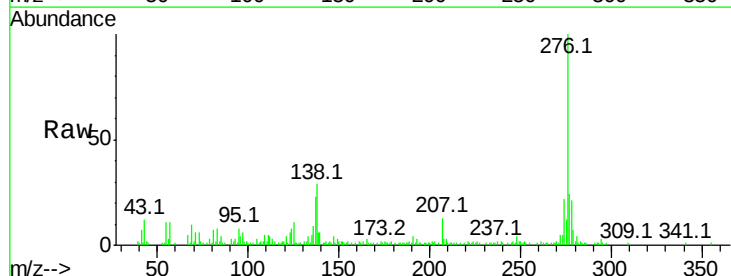
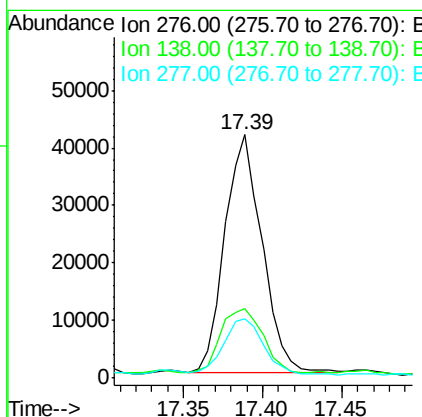
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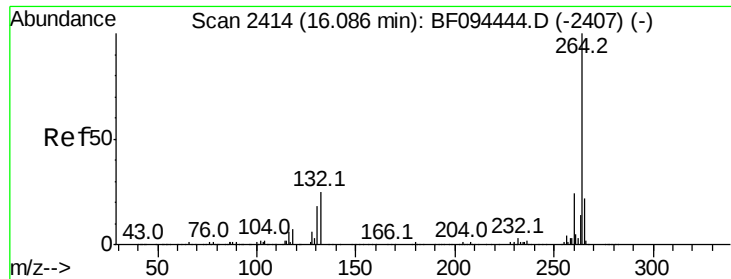
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#85
Indeno(1,2,3-cd)pyrene
Concen: 6.65 ng
RT: 17.39 min Scan# 2627
Delta R.T. 0.03 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion:276	Resp:	67705
Ion Ratio	Lower	Upper
276	100	
138	30.7	27.8 41.6
277	25.4	20.2 30.4





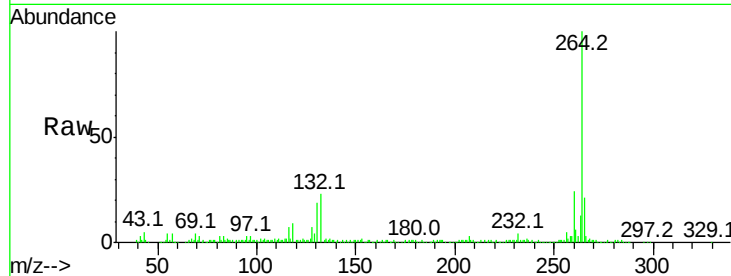
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :
KEARNY-GEN-STA-SP-(0-2)

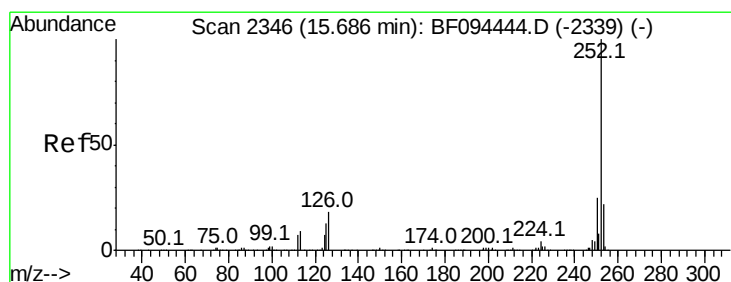
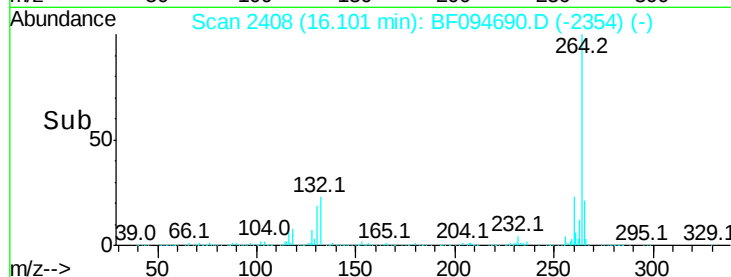
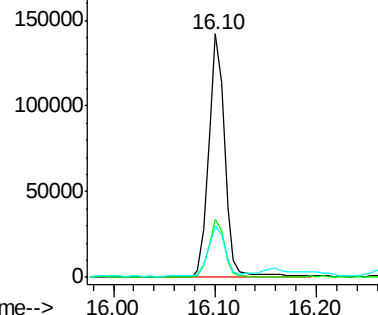
Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.6	19.5	29.3	
265	21.0	17.2	25.8	

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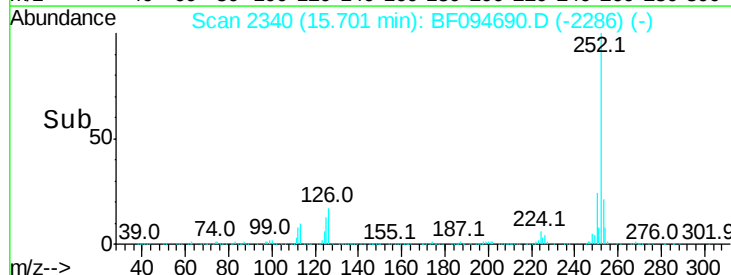
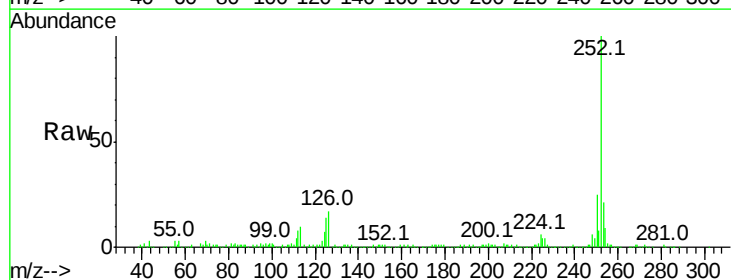
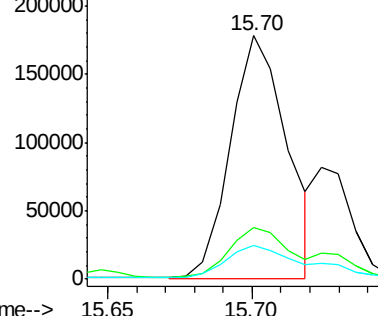
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

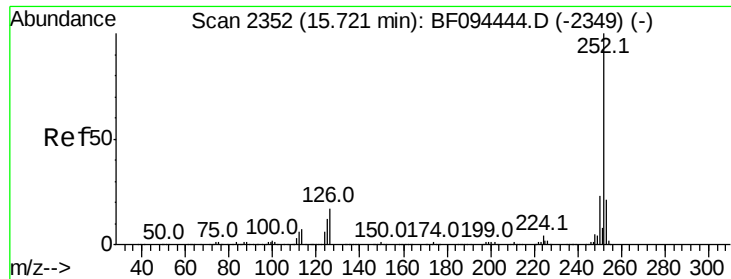


#87
Benzo(b)fluoranthene
Concen: 25.16 ng m
RT: 15.70 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.4	18.1	27.1	
125	14.1	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





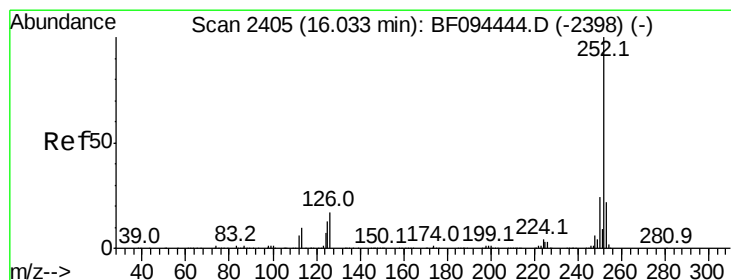
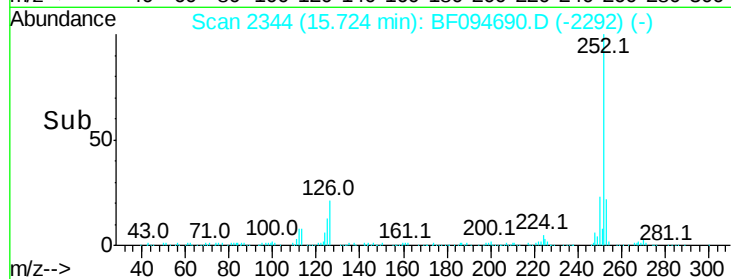
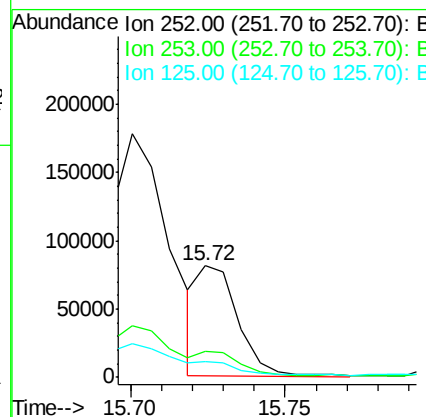
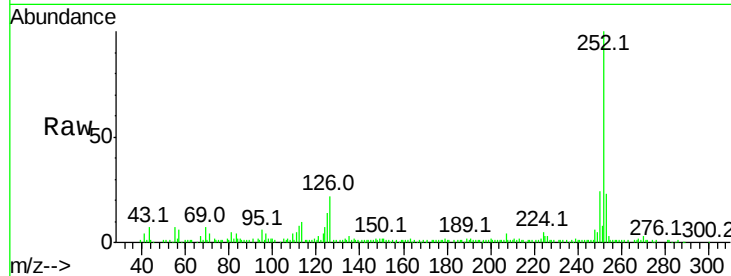
#88
Benzo(k)fluoranthene
Concen: 8.21 ng m
RT: 15.72 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :
KEARNY-GEN-STA-SP-(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	14.4	13.1	19.7

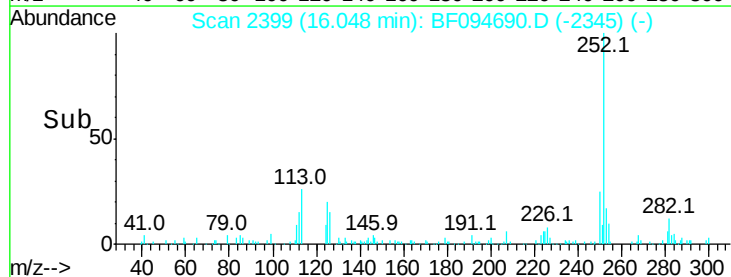
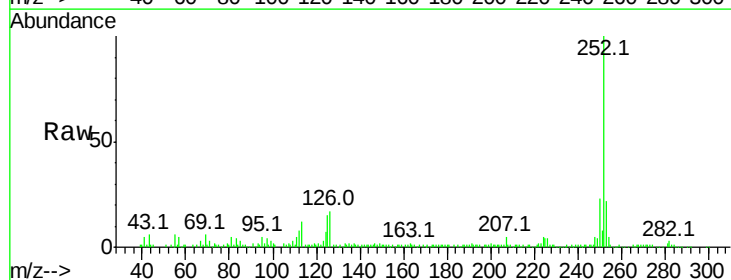
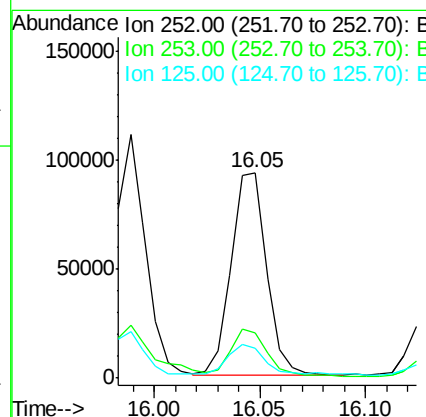
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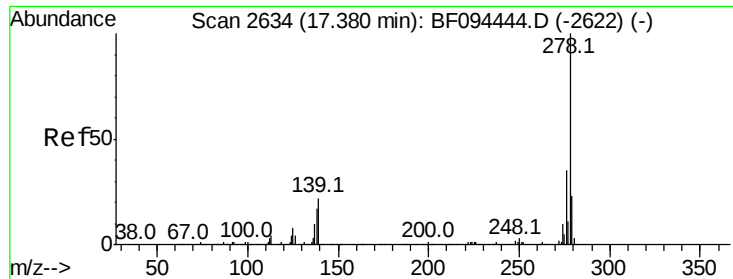
mohammad
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#89
Benzo(a)pyrene
Concen: 12.03 ng
RT: 16.05 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.6	11.0	16.4





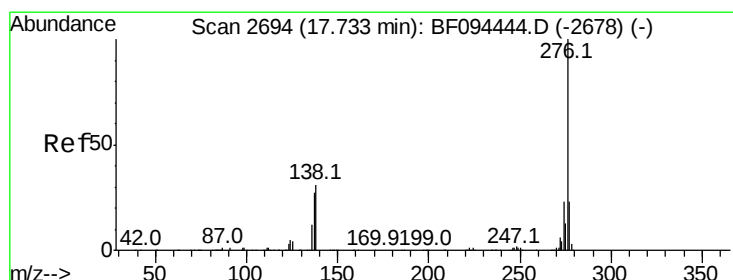
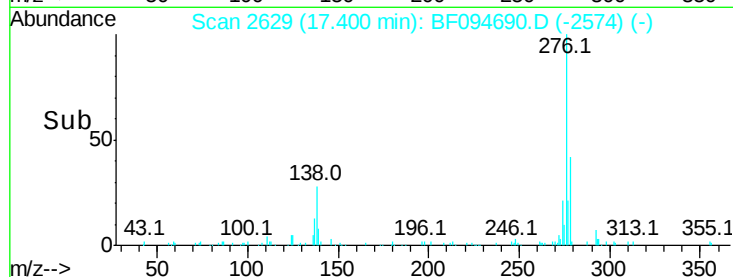
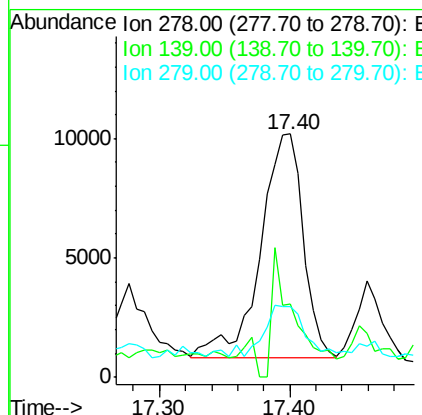
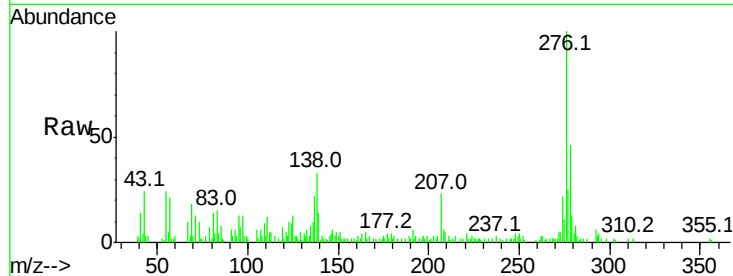
#90
Dibenzo(a,h)anthracene
Concen: 2.85 ng/mL
RT: 17.40 min Scan# 2629
Delta R.T. 0.02 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Instrument :
BNA_F
ClientSampleId :
KEARNY-GEN-STA-SP-(0-2)

Tot Ion	Ratio	Lower	Upper
278	100		
139	30.3	16.6	24.8
279	28.9	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 8.48 ng/mL
RT: 17.77 min Scan# 2691
Delta R.T. 0.03 min
Lab File: BF094690.D
Acq: 28 Apr 2017 18:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	29.8	25.4	38.0

