

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093232.D
 Acq On : 28 Feb 2017 3:59
 Operator : SJ/MA
 Sample : I1972-13 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-SW-4

Manual Integrations
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Quant Time: Feb 28 05:32:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 00:51:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	166086	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	636906	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	294456	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	493918	20.00	ng	0.00
75) Chrysene-d12	13.99	240	360415	20.00	ng	0.00
86) Perylene-d12	15.41	264	271691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	208774	21.57	ng	0.00
7) Phenol-d6	6.46	99	266026	21.36	ng	-0.01
23) Nitrobenzene-d5	7.38	82	148439	12.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	39037	18.33	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	262444	16.15	ng	-0.01
78) Terphenyl-d14	12.92	244	185676	12.10	ng	-0.01
Target Compounds						Qvalue
70) Phenanthrene	11.37	178	167299	5.91	ng	97
74) Fluoranthene	12.56	202	275707	9.45	ng	97
77) Pyrene	12.79	202	257028	9.53	ng	99
80) Benzo(a)anthracene	13.97	228	140130	6.36	ng	97
82) Chrysene	14.01	228	100658	4.88	ng	97
83) Bis(2-ethylhexyl)phthalate	13.96	149	31747	2.12	ng	# 96
85) Indeno(1,2,3-cd)pyrene	16.81	276	55328	3.46	ng	96
87) Benzo(b)fluoranthene	15.00	252	126699m	7.08	ng	
88) Benzo(k)fluoranthene	15.01	252	63172m	4.09	ng	
89) Benzo(a)pyrene	15.36	252	92578	5.98	ng	97
91) Benzo(g,h,i)perylene	17.23	276	51507	4.08	ng	# 89

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

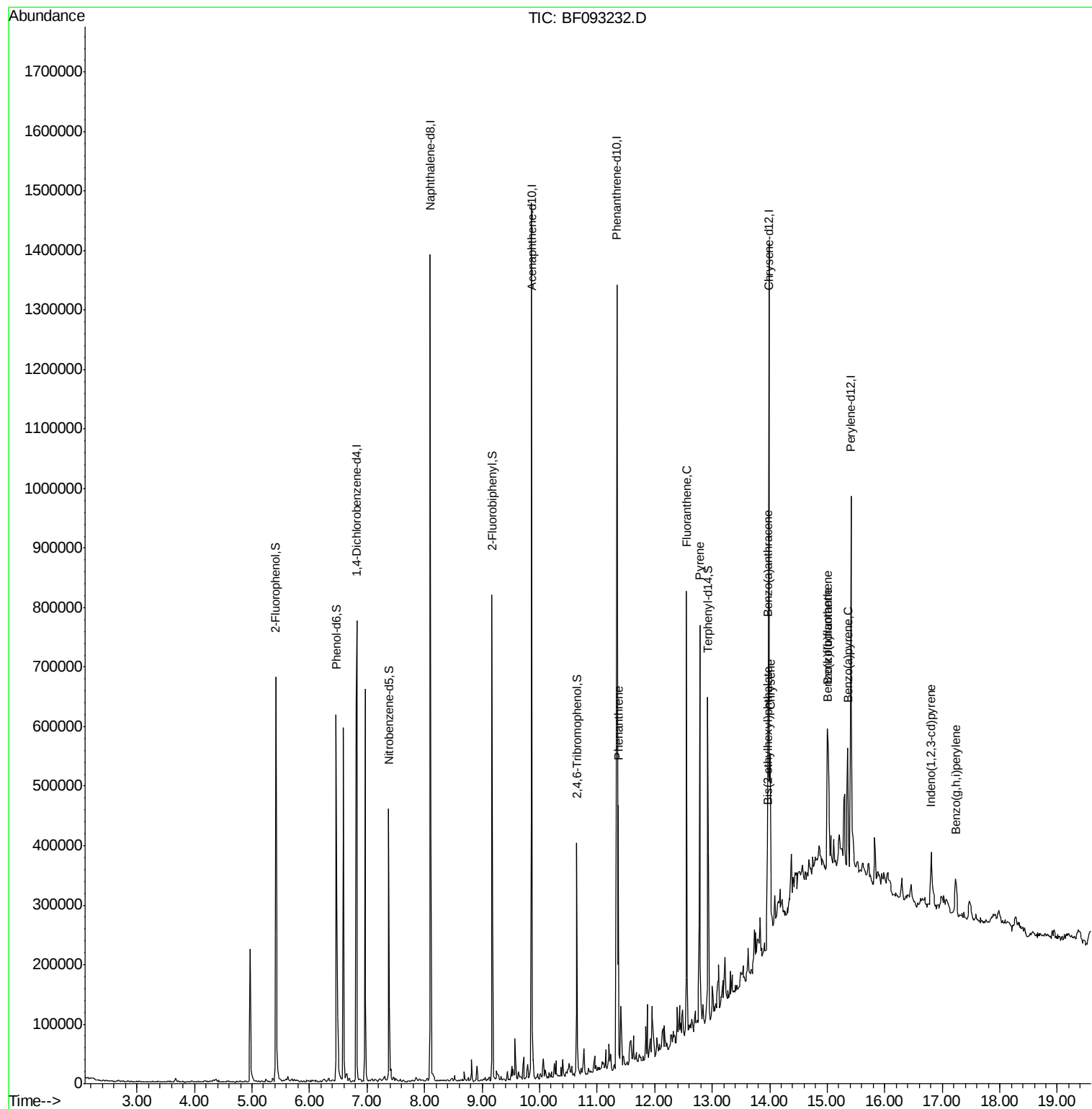
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093232.D
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ALS Vial : 21 Sample Multiplier: 1

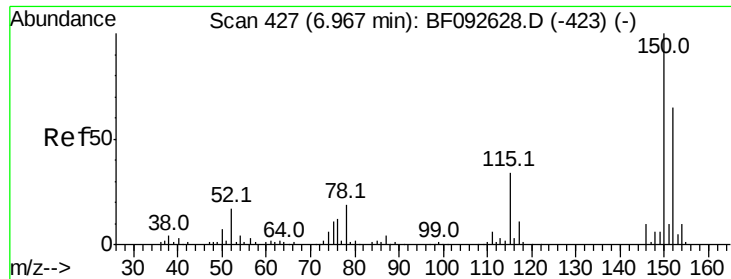
Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-4

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Quant Time: Feb 28 05:32:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

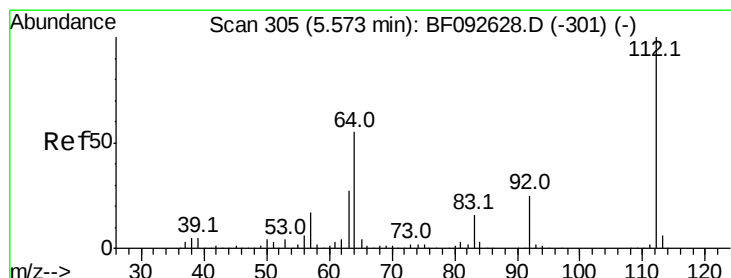
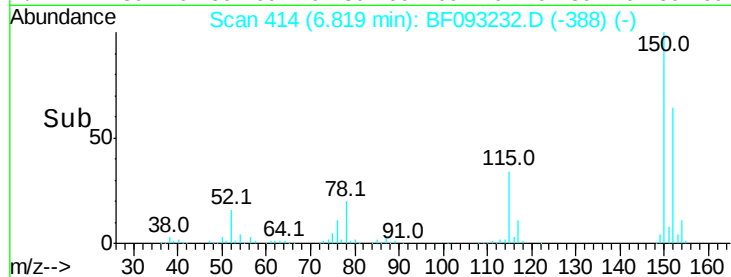
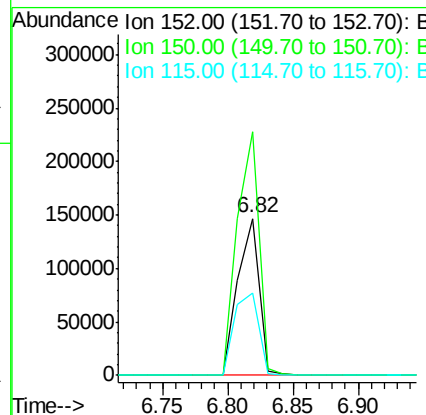
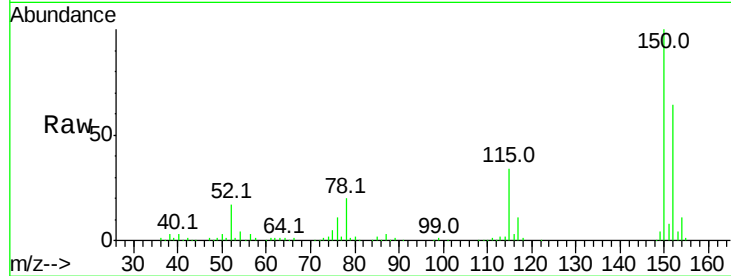
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF093232.D
Acq: 28 Feb 2017 3:59

Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.9	187.3
115	52.9	46.0	69.0

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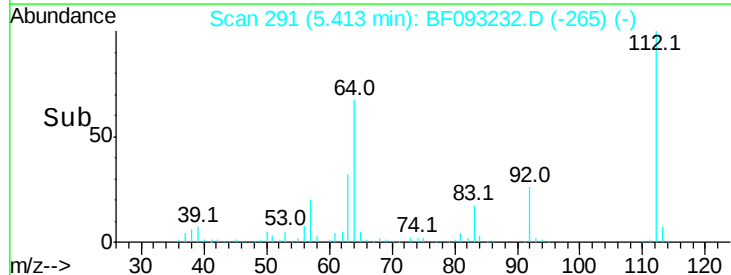
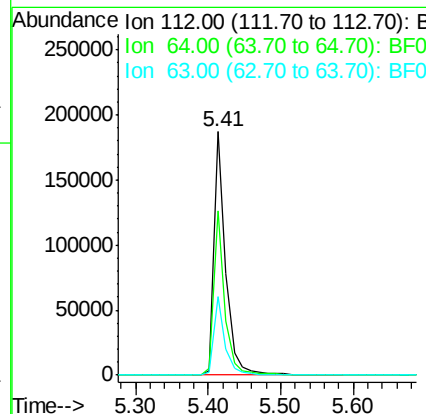
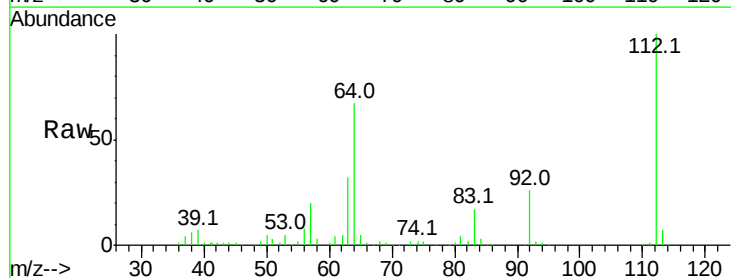
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#5

2-Fluorophenol
Concen: 21.57 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF093232.D
Acq: 28 Feb 2017 3:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	46.1	69.1
63	32.2	23.8	35.6





#7

Phenol-d6

Concen: 21.36 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093232.D

Acq: 28 Feb 2017 3:59

Instrument :

BNA_F

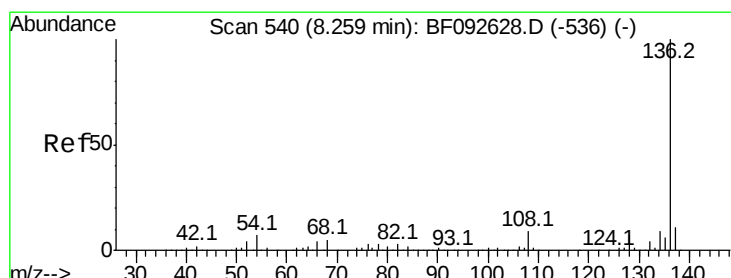
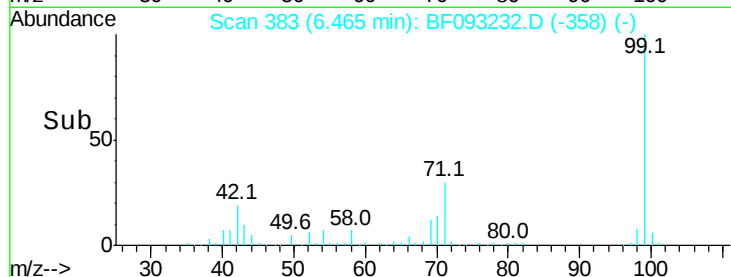
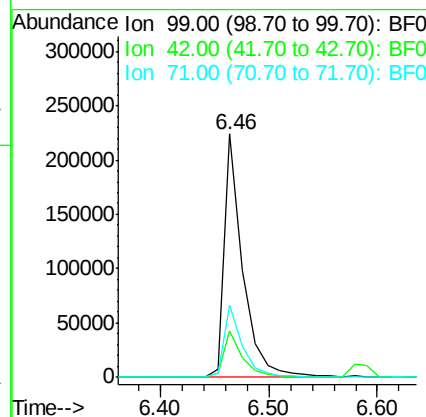
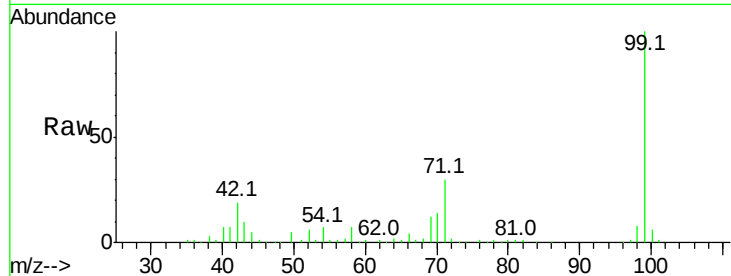
ClientSampleId :

E2-B1-SW-4

Tot Ion:	99	Resp:	266026
Ion Ratio	Lower	Upper	
99	100		
42	19.0	15.6	23.4
71	29.7	27.5	41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

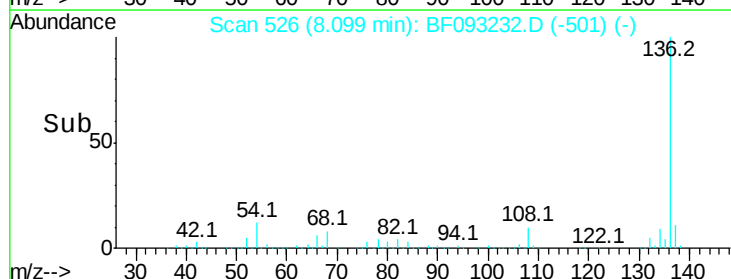
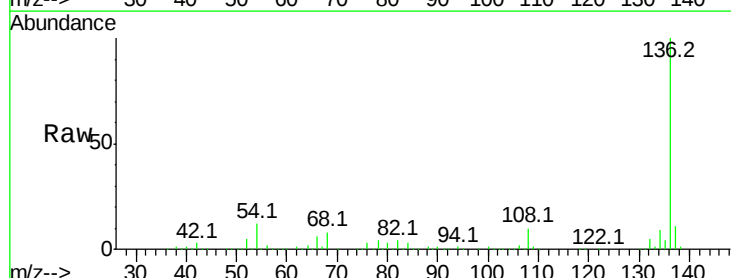
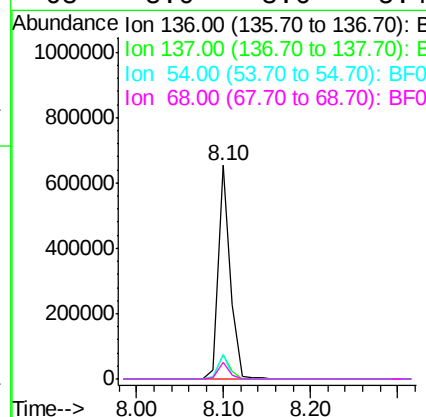
RT: 8.10 min Scan# 526

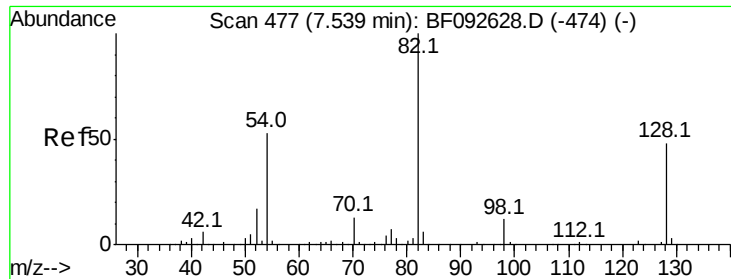
Delta R.T. -0.01 min

Lab File: BF093232.D

Acq: 28 Feb 2017 3:59

Tgt Ion:	136	Resp:	636906
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.4	12.6
54	11.6	4.5	6.7#
68	8.0	3.6	5.4#





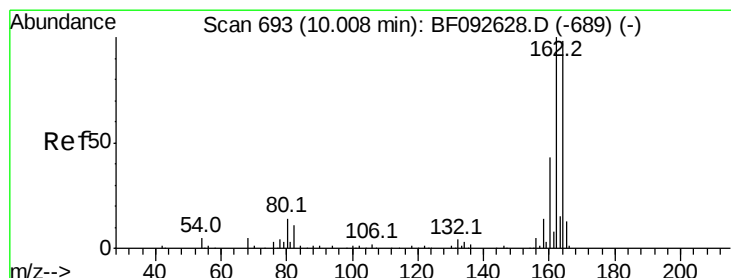
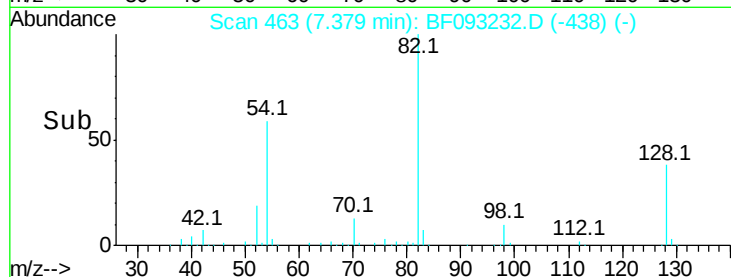
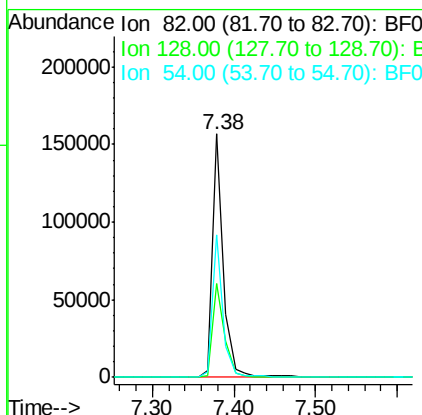
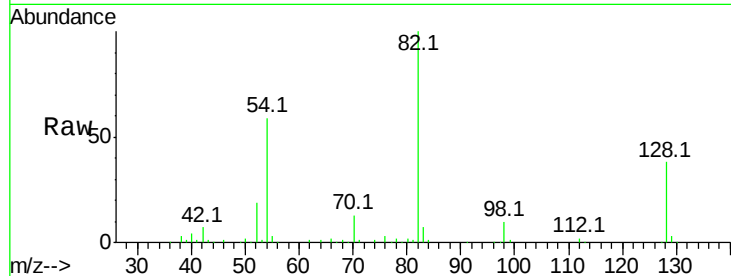
#23
 Nitrobenzene-d5
 Concen: 12.98 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF093232.D
 Acq: 28 Feb 2017 3:59

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-SW-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.4	34.6	52.0
54	58.6	39.5	59.3

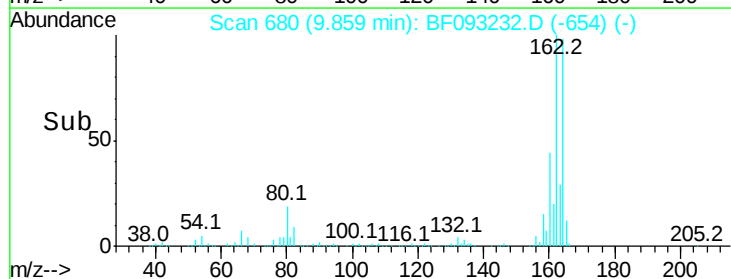
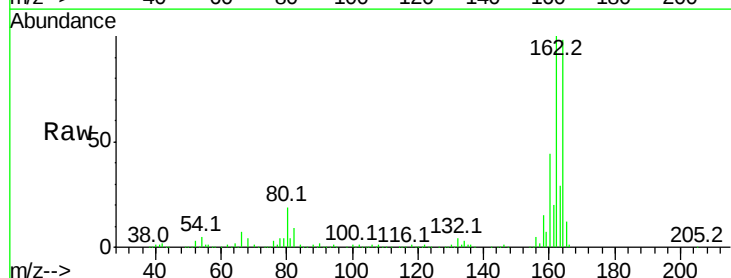
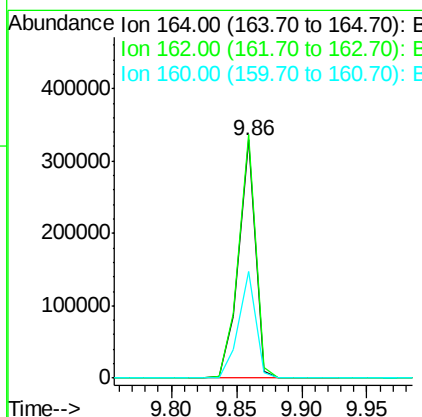
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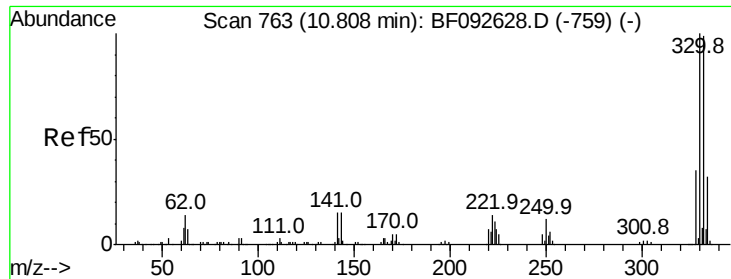
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF093232.D
 Acq: 28 Feb 2017 3:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	44.7	36.9	55.3





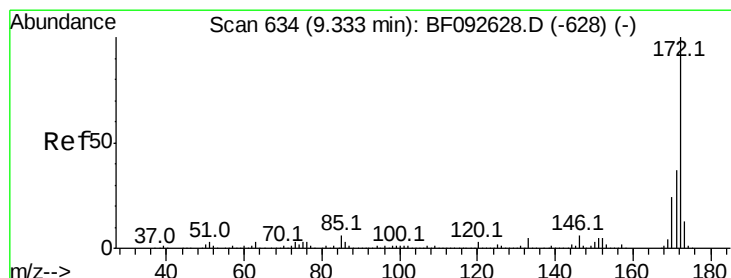
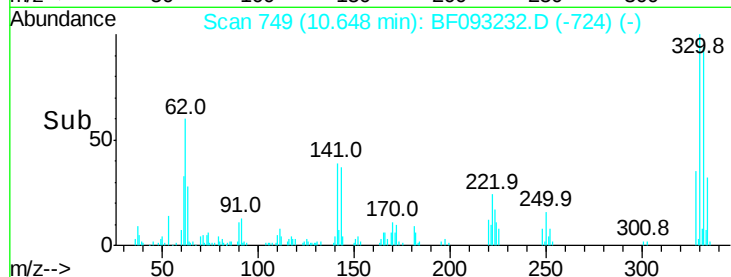
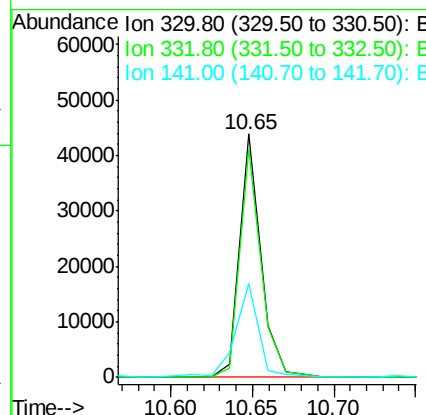
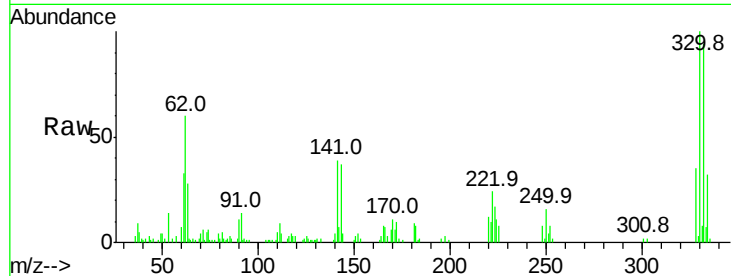
#41
 2,4,6-Tribromophenol
 Concen: 18.33 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF093232.D
 Acq: 28 Feb 2017 3:59

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-SW-4

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.1	77.4	116.2	
141	43.1	34.1	51.1	

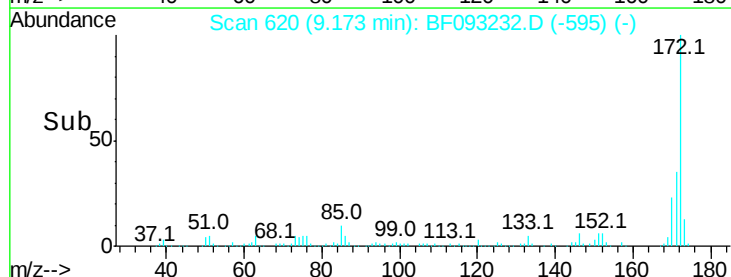
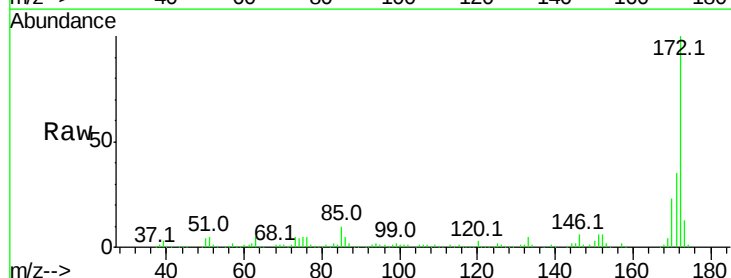
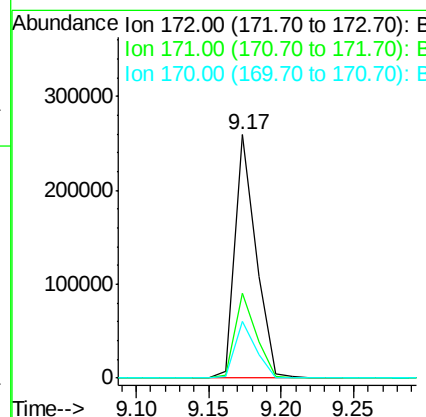
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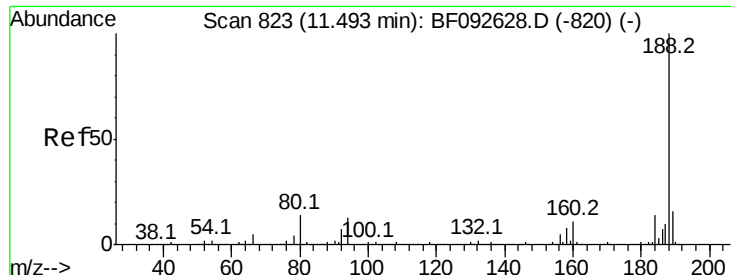
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#44
 2-Fluorobiphenyl
 Concen: 16.15 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF093232.D
 Acq: 28 Feb 2017 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.1	29.4	44.0	
170	23.5	20.2	30.4	





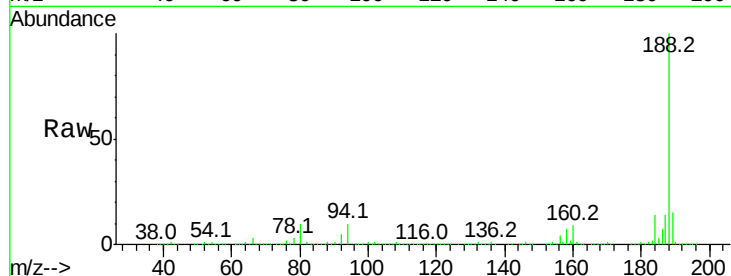
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF093232.D
Acq: 28 Feb 2017 3:59

Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-4

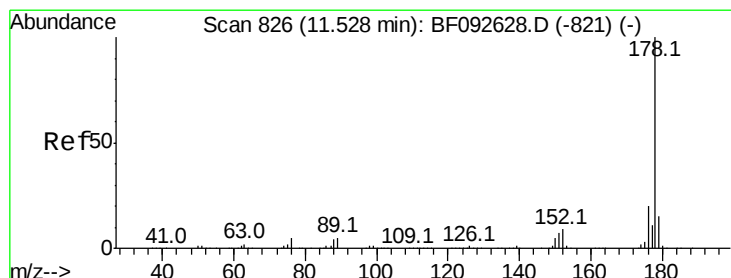
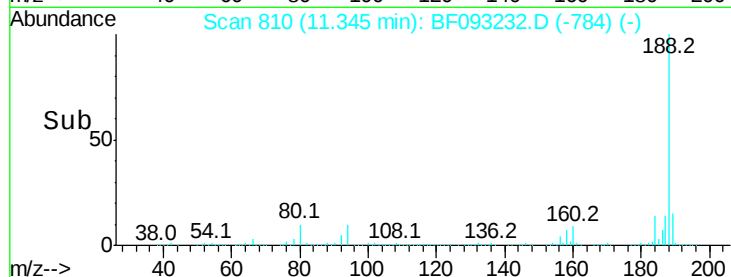
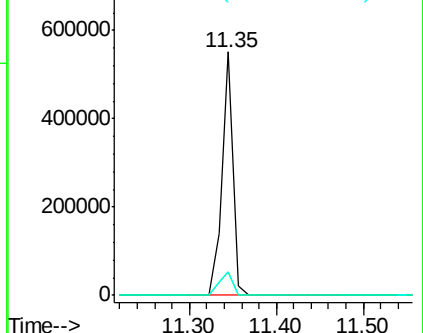
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	10.0	15.0#
80	9.7	11.2	16.8#

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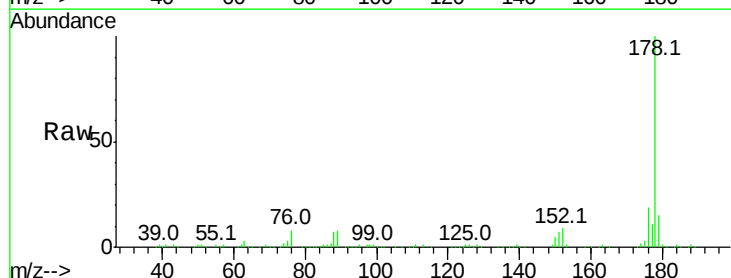


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

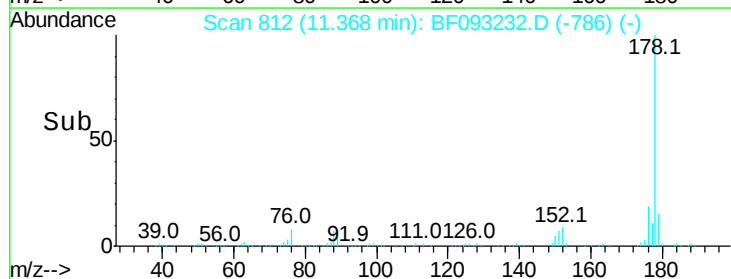
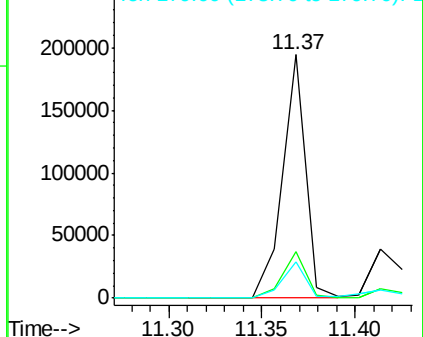


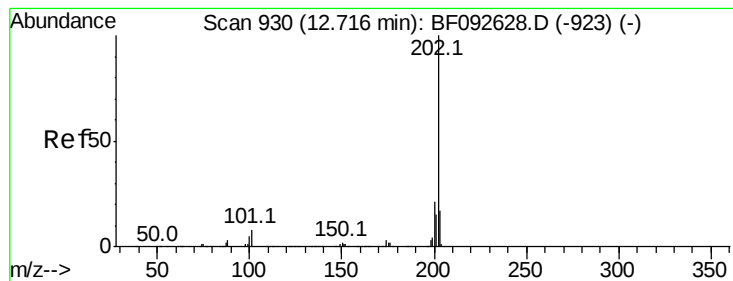
#70
Phenanthrene
Concen: 5.91 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF093232.D
Acq: 28 Feb 2017 3:59

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.0	16.6	25.0
179	14.8	12.8	19.2



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





#74

Fluoranthene

Concen: 9.45 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF093232.D

Acq: 28 Feb 2017 3:59

Instrument :

BNA_F

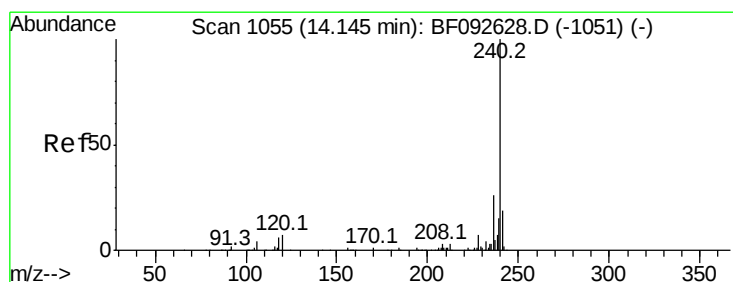
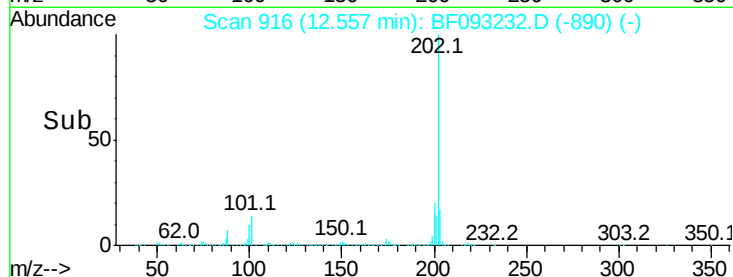
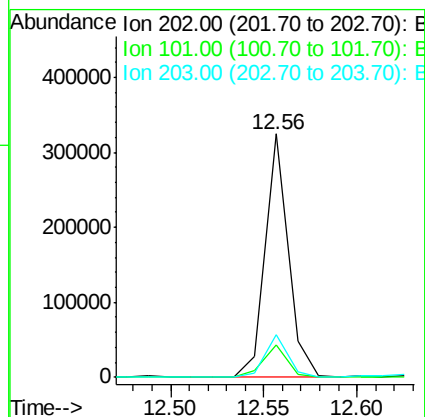
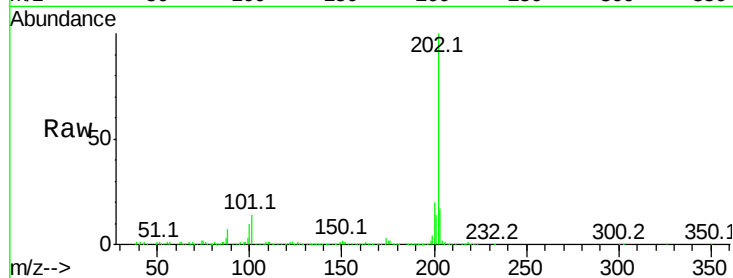
ClientSampleId :

E2-B1-SW-4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	0.0	34.6
203	17.4	0.0	38.7

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#75

Chrysene-d12

Concen: 20.00 ng

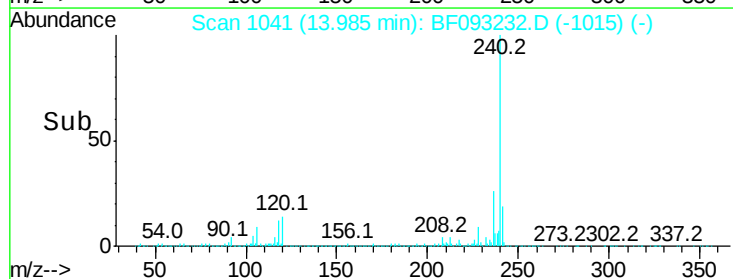
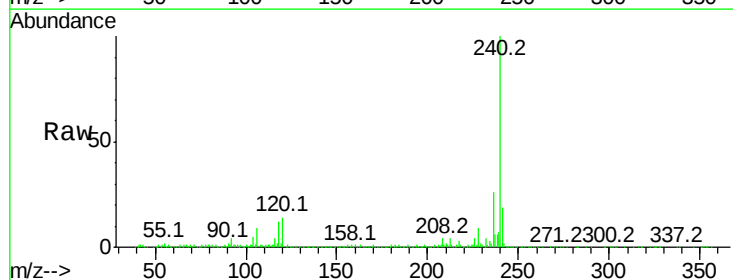
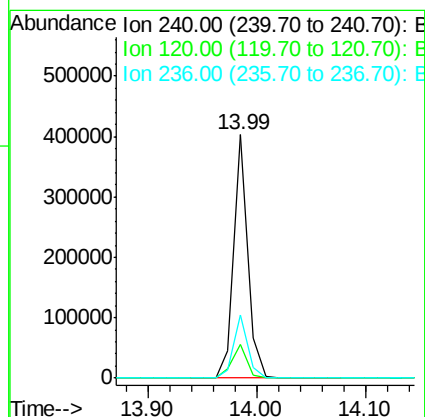
RT: 13.99 min Scan# 1041

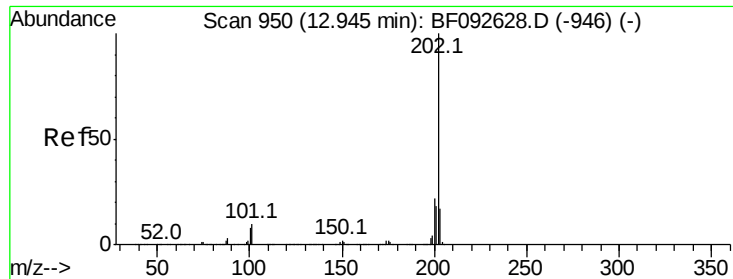
Delta R.T. 0.00 min

Lab File: BF093232.D

Acq: 28 Feb 2017 3:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.9	12.9	19.3
236	25.7	20.9	31.3





#77

Pvrene

Concen: 9.53 ng

RT: 12.79 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF093232.D

Acq: 28 Feb 2017 3:59

Instrument :

BNA_F

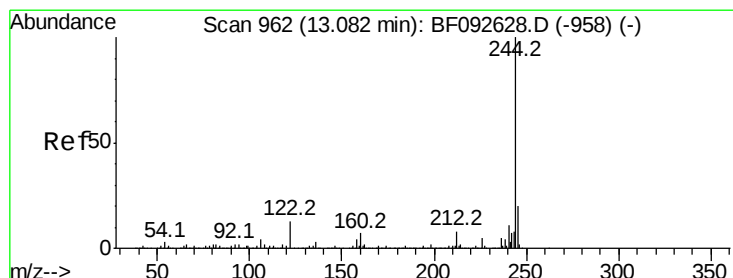
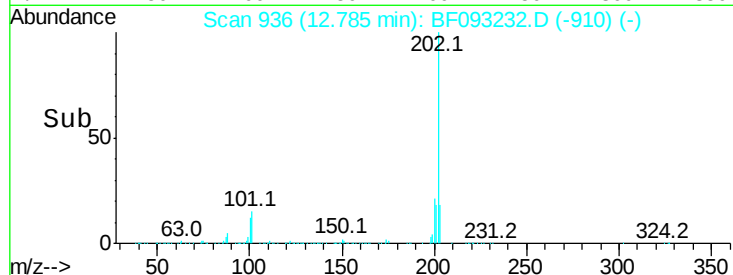
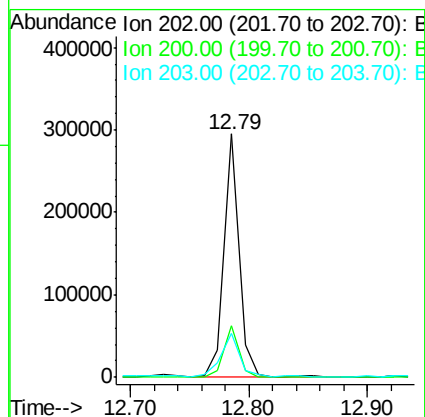
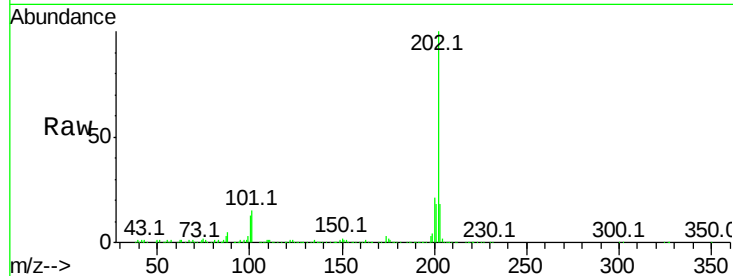
ClientSampleId :

E2-B1-SW-4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.9	14.7	22.1

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#78

Terphenyl-d14

Concen: 12.10 ng

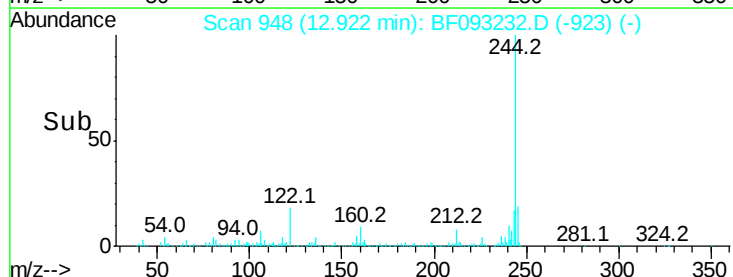
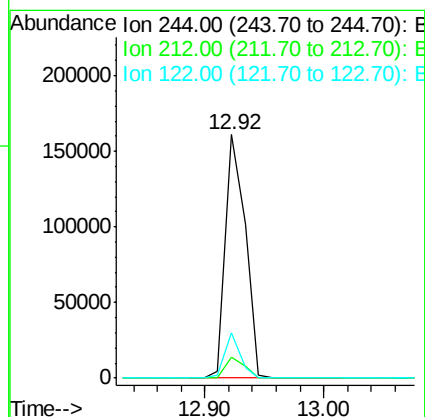
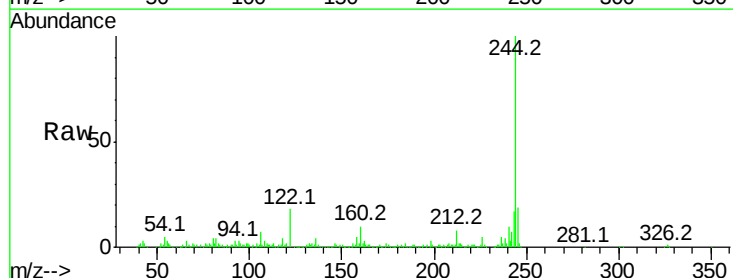
RT: 12.92 min Scan# 948

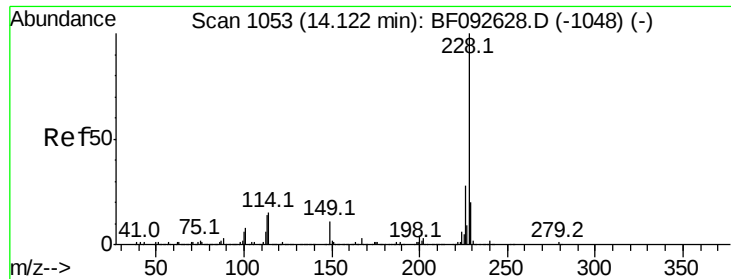
Delta R.T. -0.01 min

Lab File: BF093232.D

Acq: 28 Feb 2017 3:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.3	6.2	9.2
122	18.4	11.4	17.2#





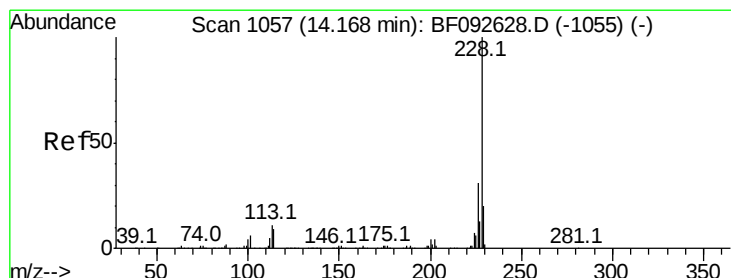
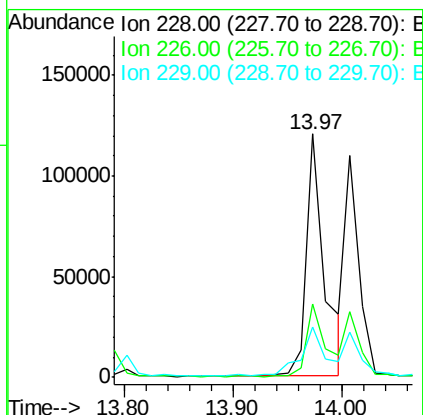
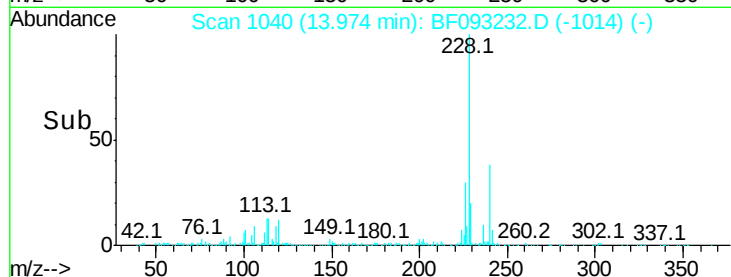
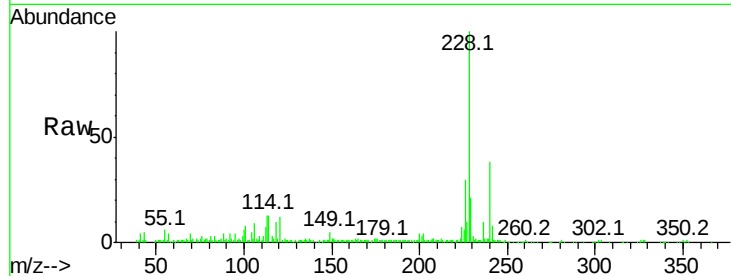
#80
Benzo(a)anthracene
Concen: 6.36 ng
RT: 13.97 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF093232.D
Acq: 28 Feb 2017 3:59

Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-4

Tot Ion	Ratio	Resp	Lower	Upper
228	100	140130		
226	30.1	22.4	33.6	
229	20.6	16.2	24.4	

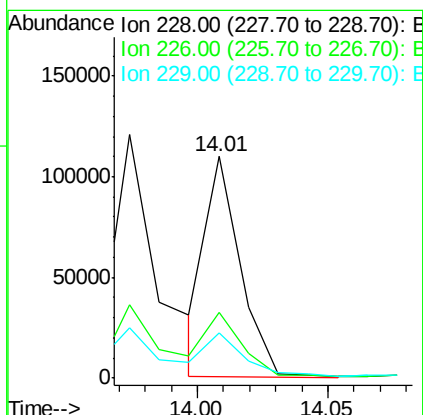
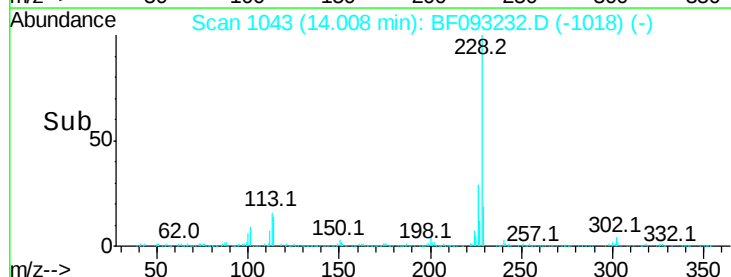
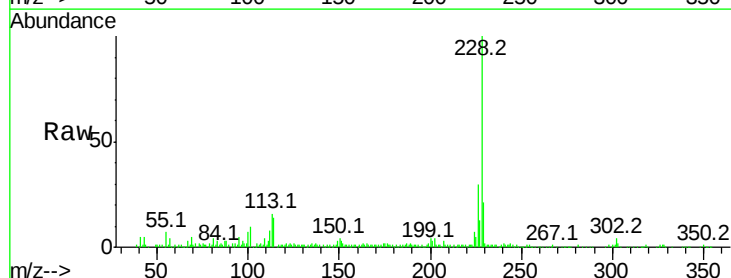
Manual Integrations
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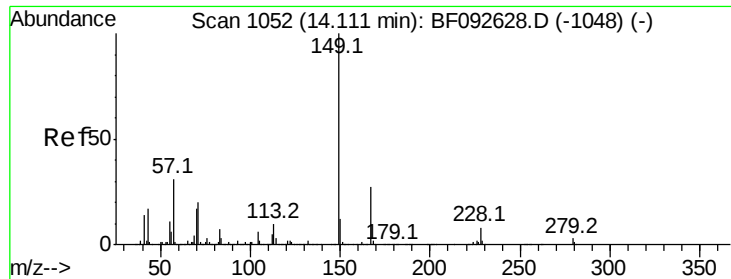
mohammad
2/28/2017 2:35:47 PM



#82
Chrysene
Concen: 4.88 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093232.D
Acq: 28 Feb 2017 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	100658		
226	29.5	25.4	38.0	
229	20.5	16.2	24.2	





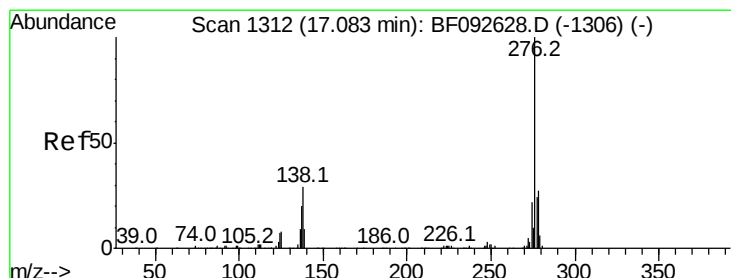
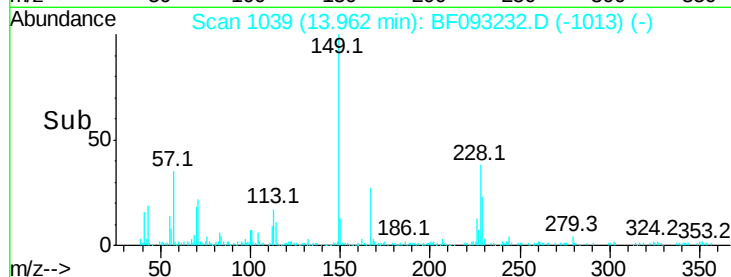
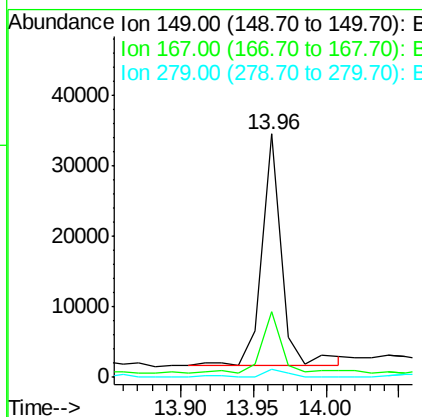
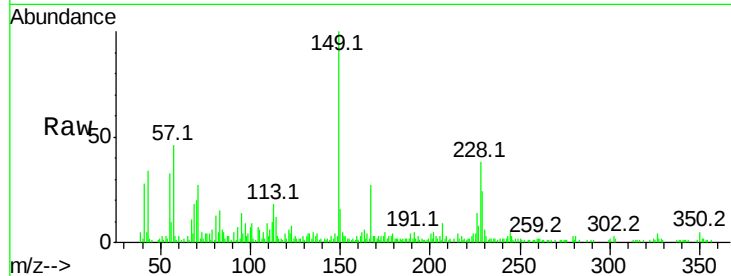
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.12 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF093232.D
 Acq: 28 Feb 2017 3:59

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-SW-4

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.2	30.4
279	3.5	1.8	2.8

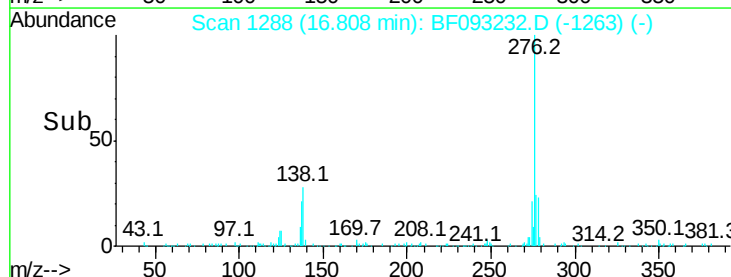
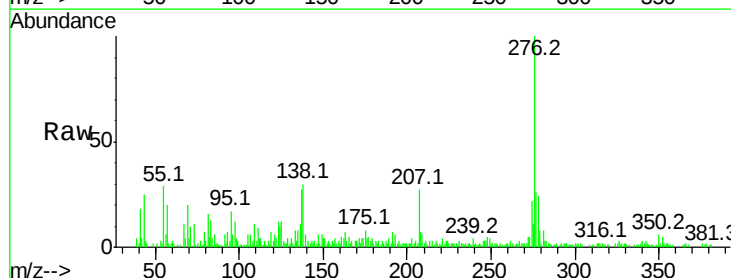
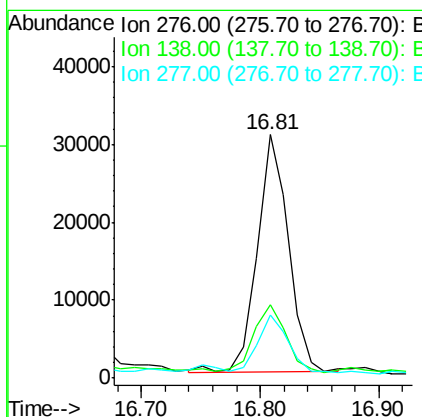
Manual Integrations
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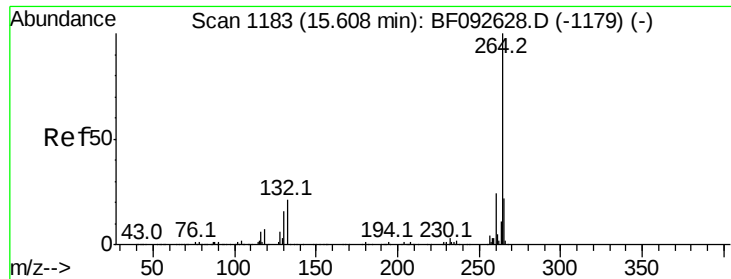
mohammad
 2/28/2017 2:35:47 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.46 ng
 RT: 16.81 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF093232.D
 Acq: 28 Feb 2017 3:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.3	21.8	32.6
277	25.2	20.2	30.4





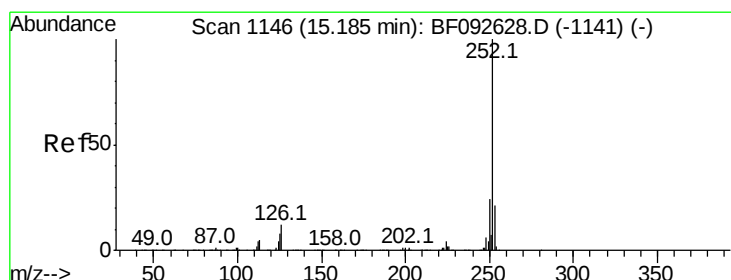
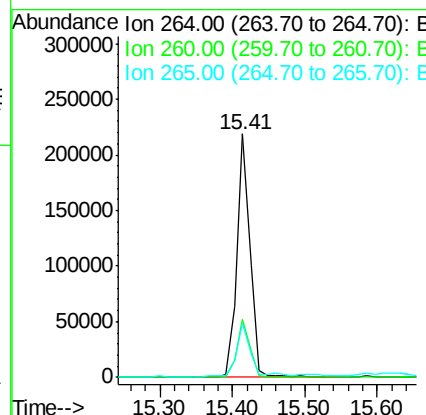
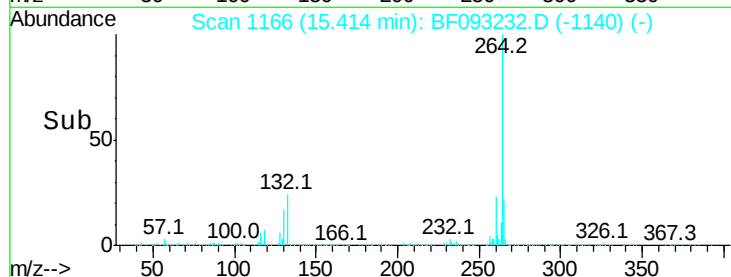
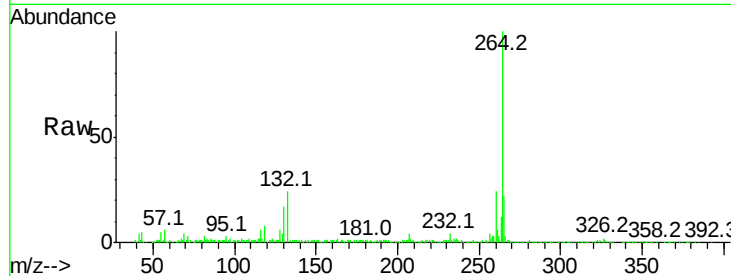
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF093232.D
Acq: 28 Feb 2017 3:59

Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.4	26.0

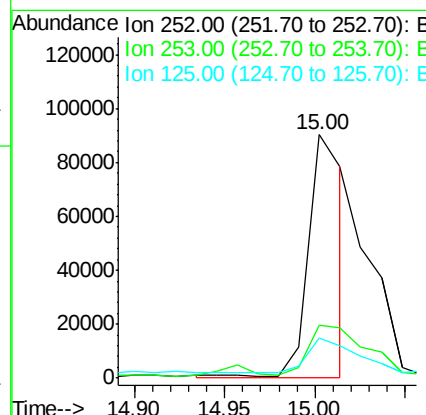
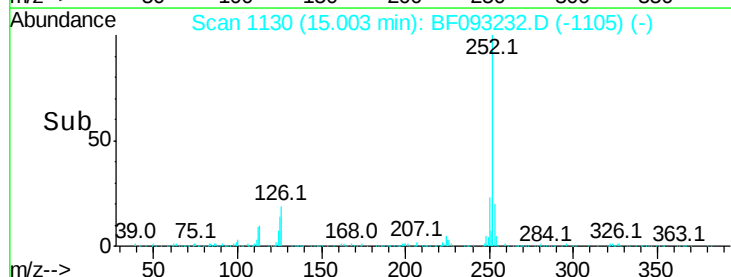
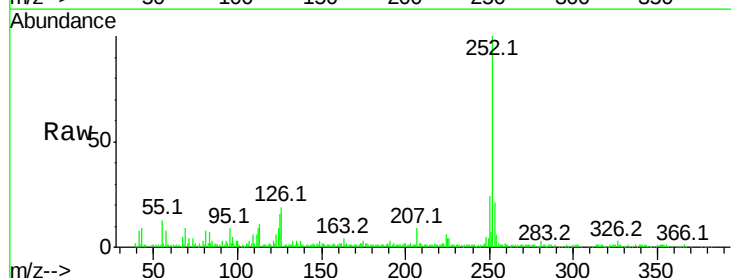
Manual Integrations
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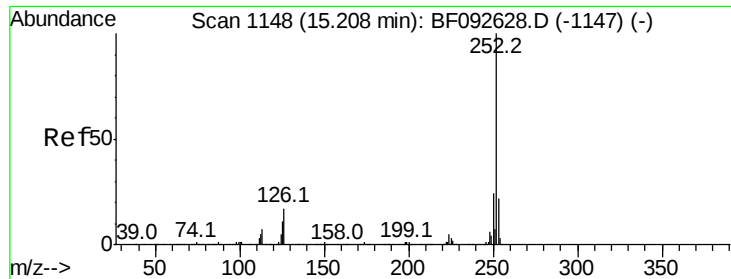
mohammad
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#87
Benzo(b)fluoranthene
Concen: 7.08 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF093232.D
Acq: 28 Feb 2017 3:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	16.3	9.8	14.6





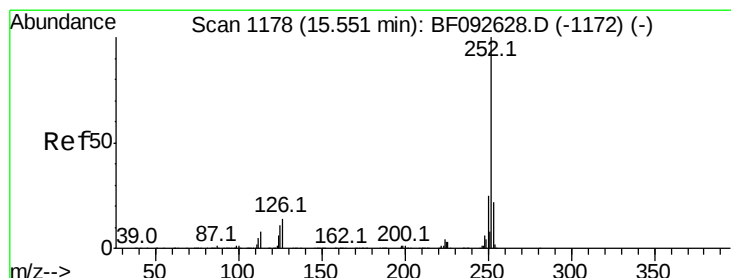
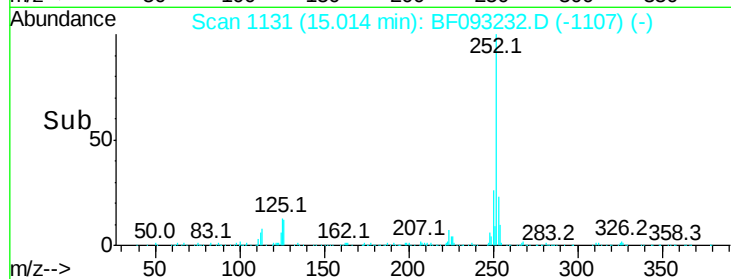
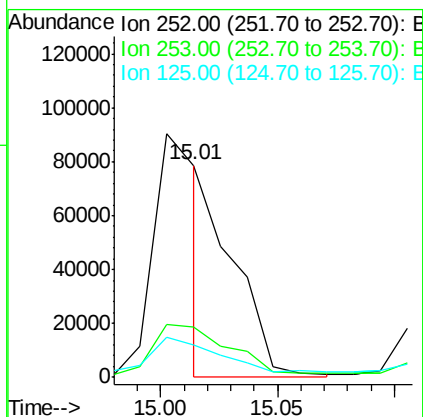
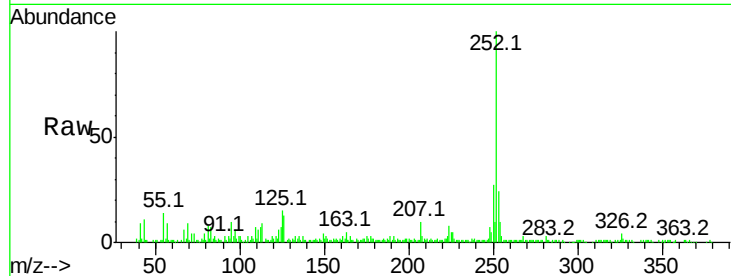
#88
Benzo(k)fluoranthene
Concen: 4.09 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF093232.D
Acq: 28 Feb 2017 3:59

Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	15.2	8.9	13.3

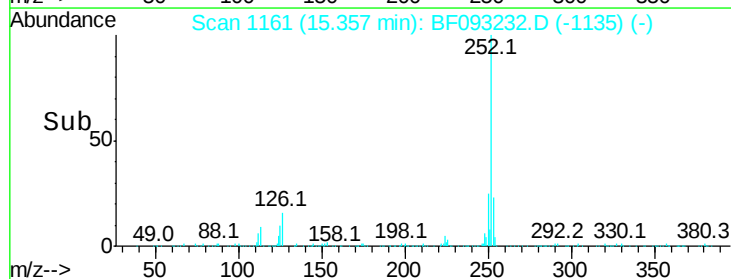
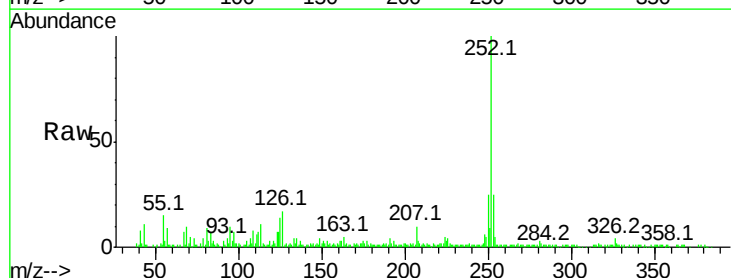
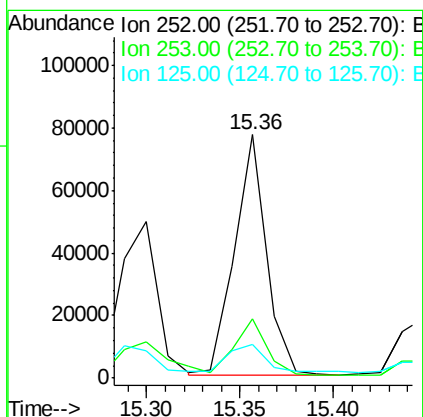
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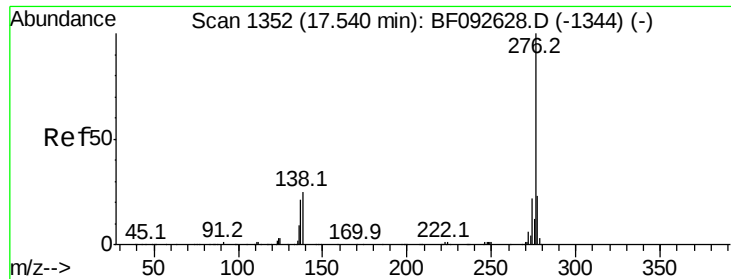
mohammad
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#89
Benzo(a)pyrene
Concen: 5.98 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF093232.D
Acq: 28 Feb 2017 3:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	13.6	10.0	15.0





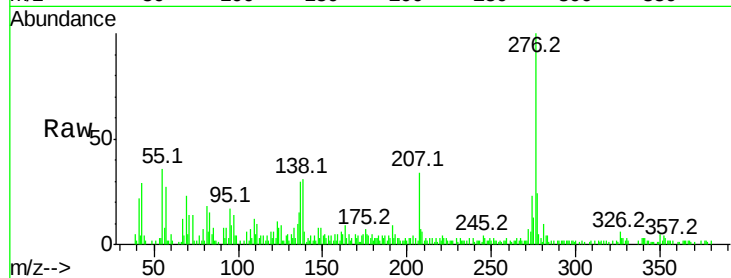
#91
 Benzo(a,h,i)perylene
 Concen: 4.08 ng
 RT: 17.23 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF093232.D
 Acq: 28 Feb 2017 3:59

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-SW-4

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	30.8	16.0	24.0

Manual Integrations
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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

