

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094473.D
 Acq On : 18 Apr 2017 2:11
 Operator : SJ/MA
 Sample : I2708-15 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-XY9-NSW

Manual Integrations
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 4/18/2017 4:55:59 PM

Quant Time: Apr 18 05:14:13 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	5.76	152	144578	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	579788	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	259494	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	460797	20.00	ng	0.00
75) Chrysene-d12	14.46	240	324252	20.00	ng	-0.01
86) Perylene-d12	16.08	264	264888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	257386	29.54	ng	0.00
7) Phenol-d6	5.37	99	341419	33.23	ng	-0.02
23) Nitrobenzene-d5	6.40	82	205557	21.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	50643	24.95	ng	-0.01
44) 2-Fluorobiphenyl	8.58	172	355131	20.14	ng	0.00
78) Terphenyl-d14	13.19	244	251863	20.76	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.08	163	152375	7.88	ng	98
70) Phenanthrene	11.24	178	119123	4.59	ng	97
74) Fluoranthene	12.70	202	123171	4.58	ng	98
77) Pyrene	12.97	202	95435	4.21	ng	96
80) Benzo(a)anthracene	14.44	228	39929	2.12	ng	# 92
82) Chrysene	14.49	228	47934m	2.78	ng	
87) Benzo(b)fluoranthene	15.68	252	41742m	2.58	ng	

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

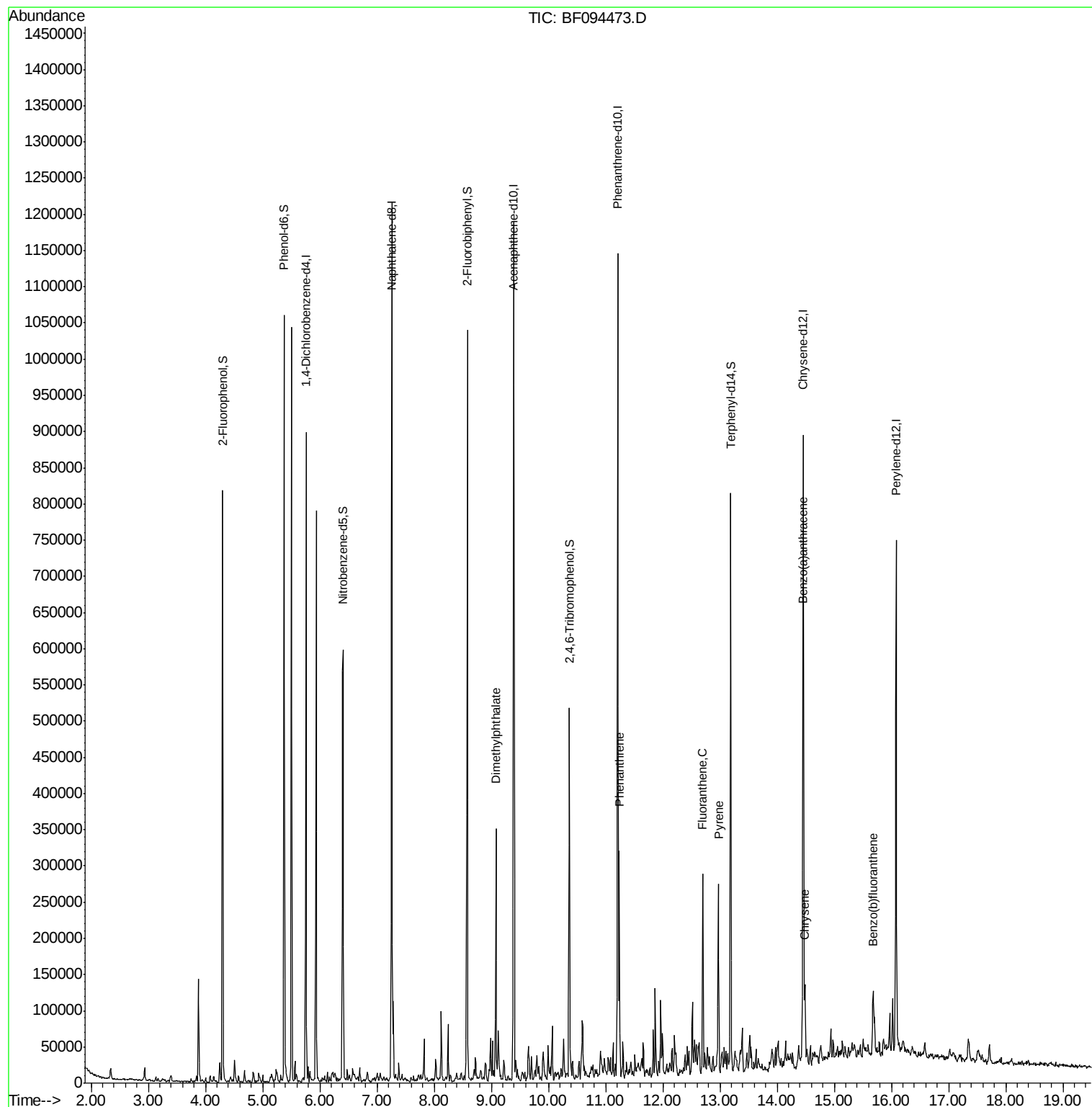
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
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Acq On : 18 Apr 2017 2:11
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Misc :
ALS Vial : 25 Sample Multiplier: 1

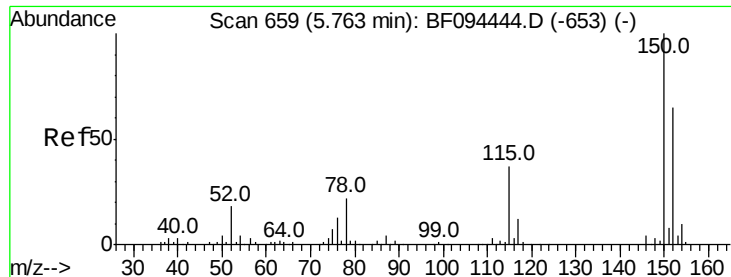
Instrument :
BNA_F
ClientSampleId :
E2-XY9-NSW

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Quant Time: Apr 18 05:14:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

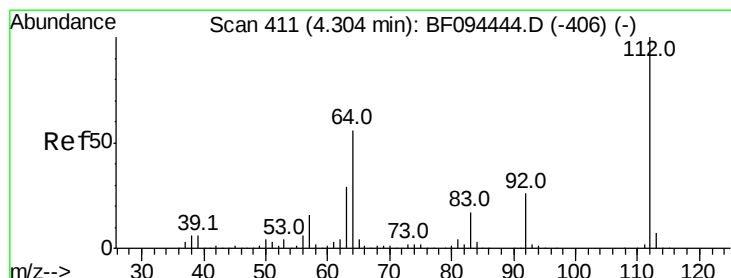
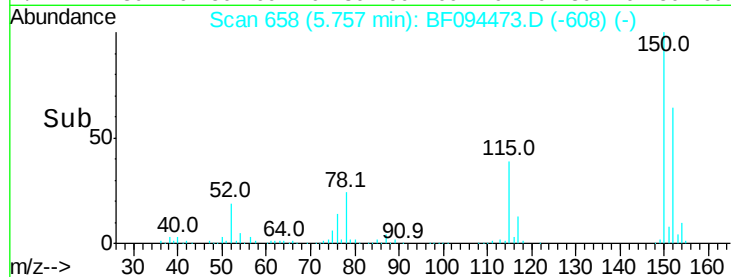
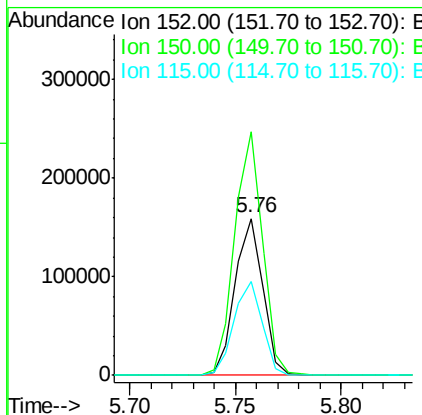
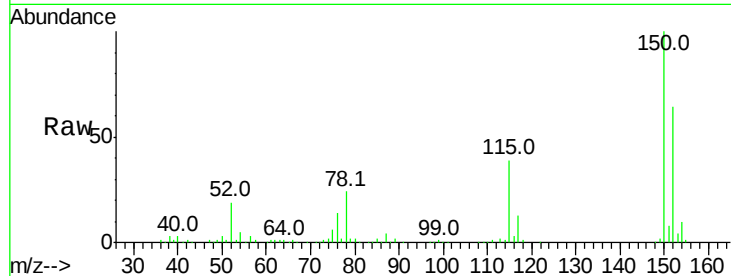
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094473.D
Acq: 18 Apr 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-XY9-NSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	60.2	52.2	78.2

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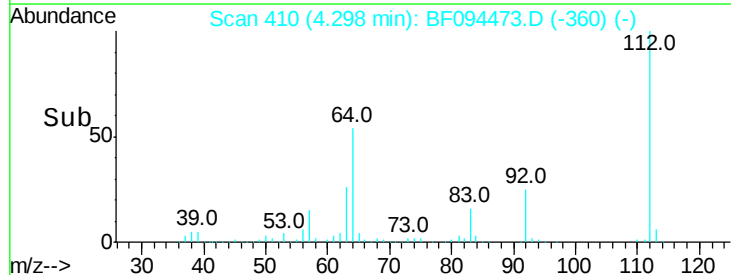
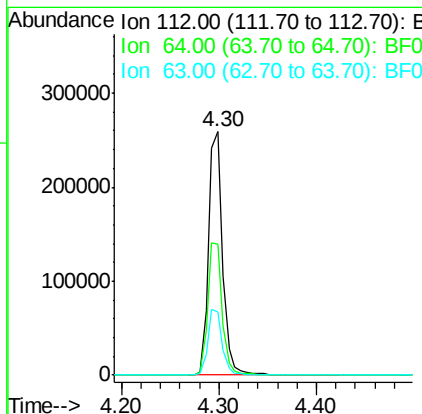
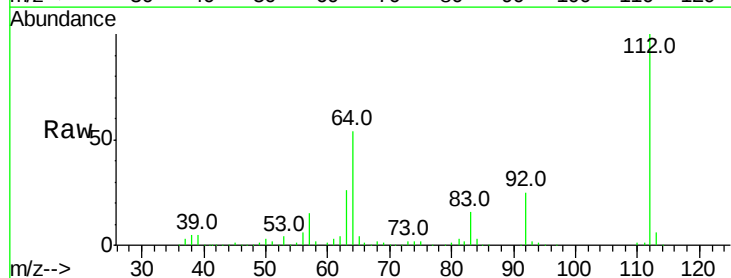
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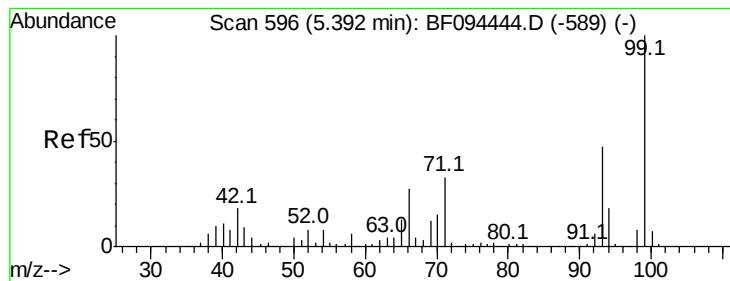


#5

2-Fluorophenol
Concen: 29.54 ng
RT: 4.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF094473.D
Acq: 18 Apr 2017 2:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.0	69.0
63	25.9	23.4	35.0





#7

Phenol-d6

Concen: 33.23 ng

RT: 5.37 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF094473.D

Acq: 18 Apr 2017 2:11

Instrument :

BNA_F

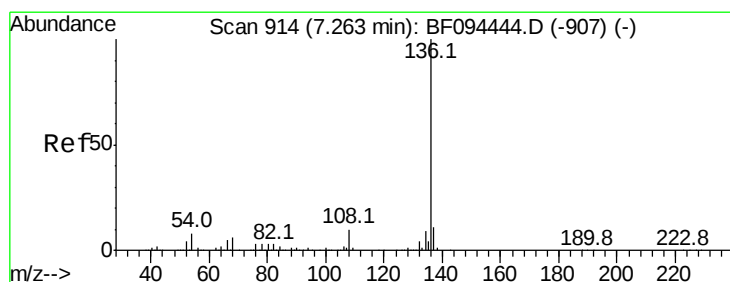
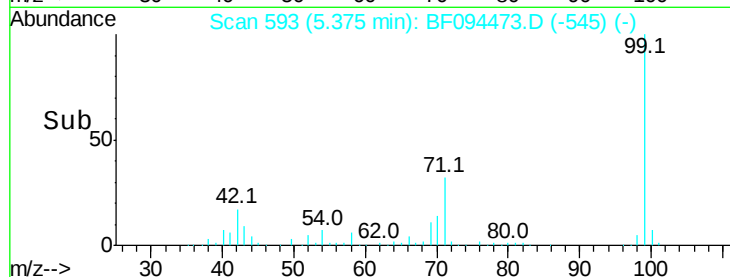
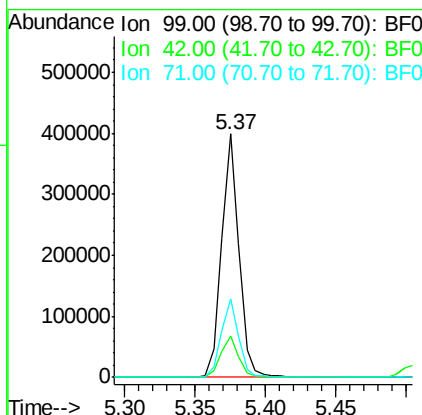
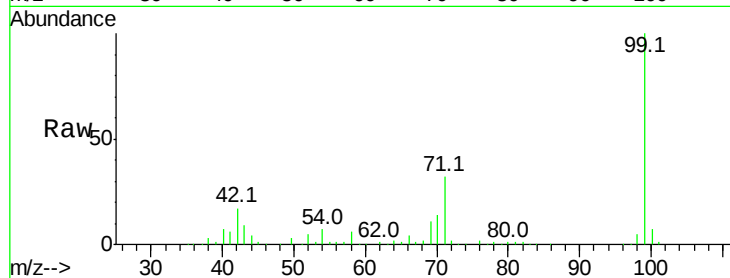
ClientSampleId :

E2-XY9-NSW

Tot Ion:	99	Resp:	341419
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.5	20.3
71	32.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

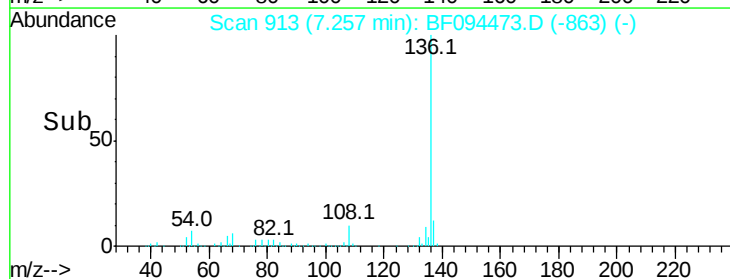
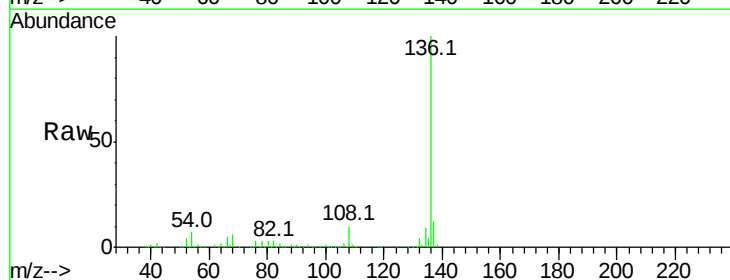
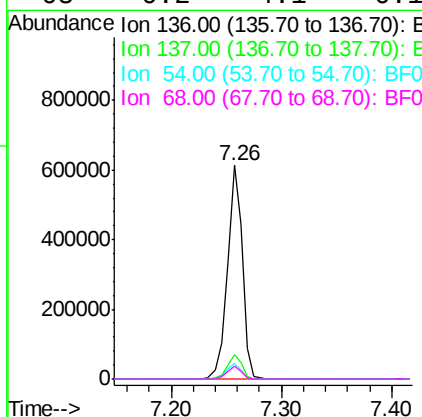
RT: 7.26 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF094473.D

Acq: 18 Apr 2017 2:11

Tgt Ion:	136	Resp:	579788
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.5	12.7
54	7.4	4.9	7.3#
68	6.2	4.1	6.1#





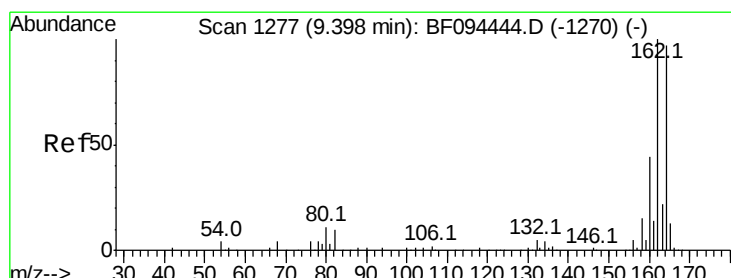
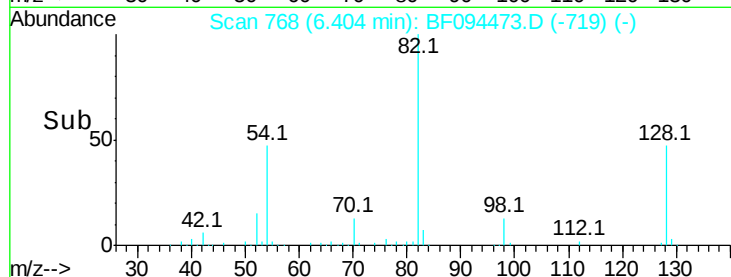
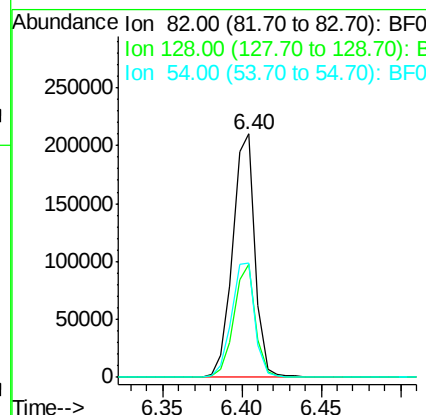
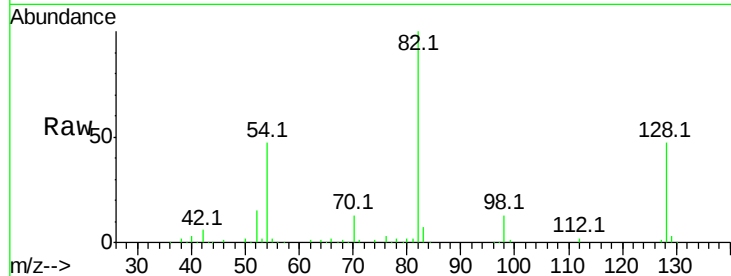
#23
 Nitrobenzene-d5
 Concen: 21.89 ng
 RT: 6.40 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF094473.D
 Acq: 18 Apr 2017 2:11

Instrument :
 BNA_F
 ClientSampleId :
 E2-XY9-NSW

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.7	34.0	51.0	
54	46.8	42.2	63.2	

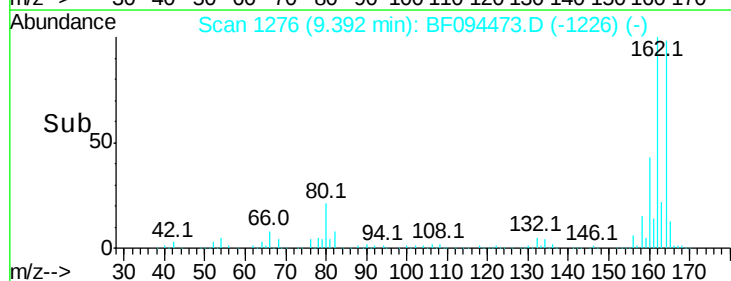
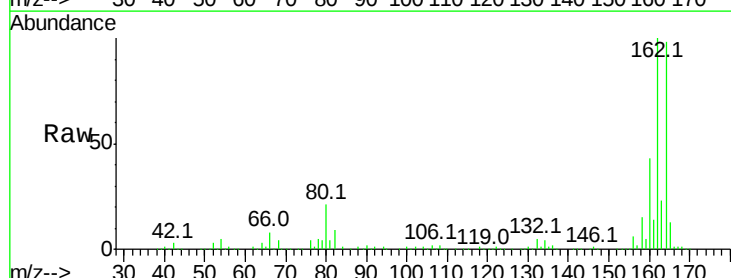
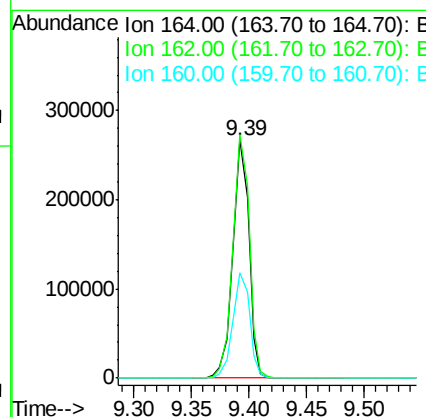
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF094473.D
 Acq: 18 Apr 2017 2:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	82.6	123.8	
160	44.1	36.2	54.2	





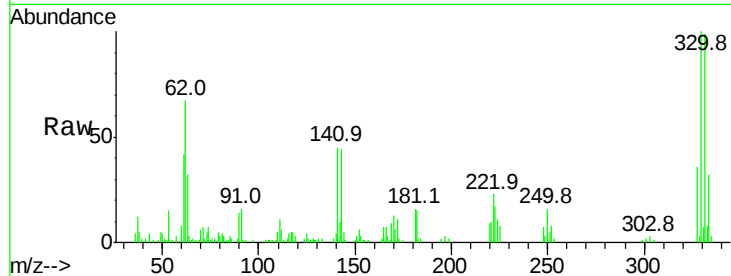
#41
 2,4,6-Tribromophenol
 Concen: 24.95 ng
 RT: 10.36 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF094473.D
 Acq: 18 Apr 2017 2:11

Instrument :
 BNA_F
 ClientSampleId :
 E2-XY9-NSW

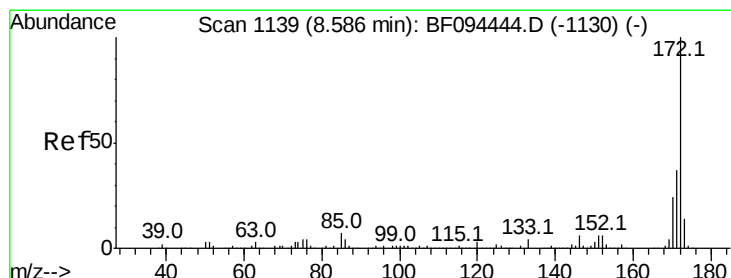
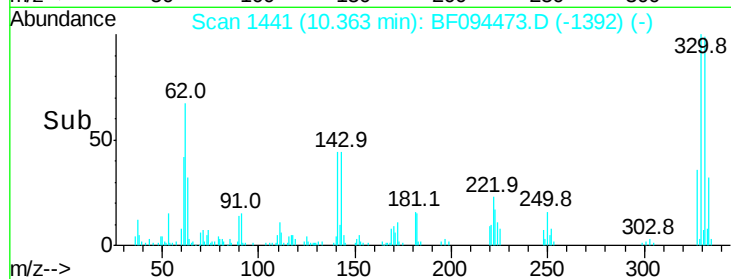
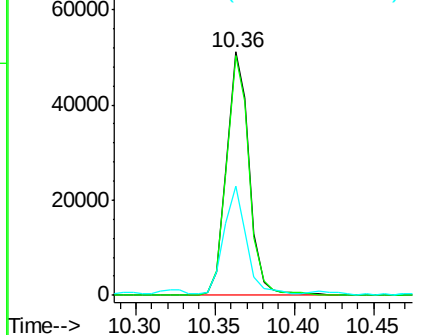
Tot Ion	Ratio	Resp	Lower	Upper
330	100	50643		
332	97.9		76.6	115.0
141	46.1		31.4	47.2

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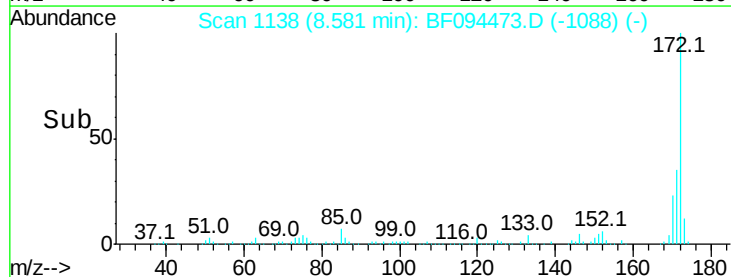
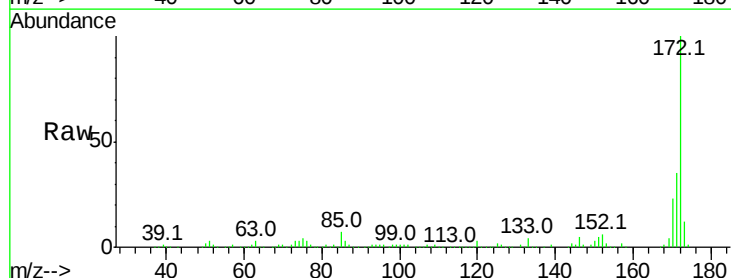
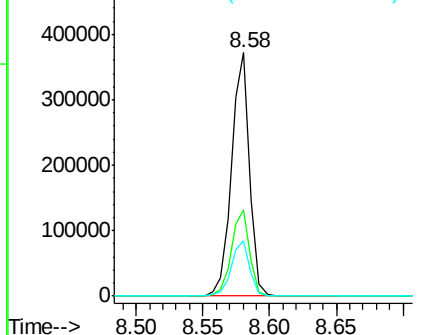
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

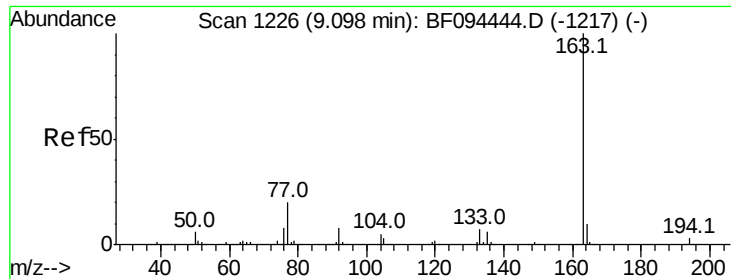


#44
 2-Fluorobiphenyl
 Concen: 20.14 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094473.D
 Acq: 18 Apr 2017 2:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	355131		
171	35.4		29.6	44.4
170	23.0		19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





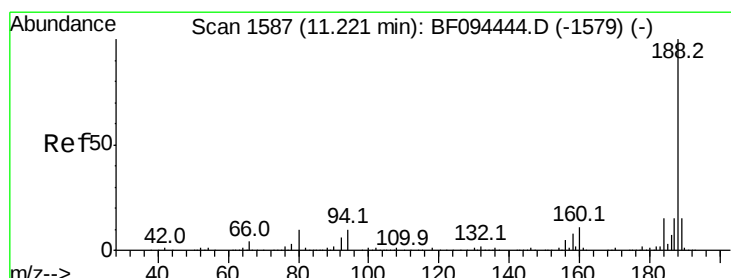
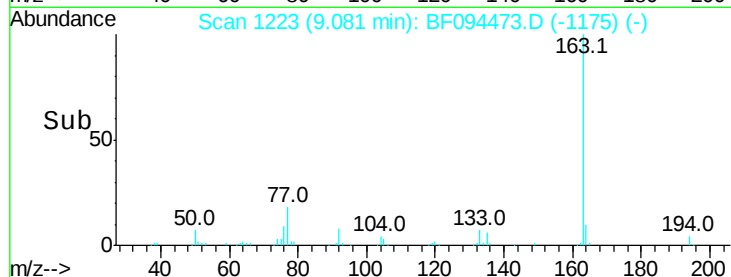
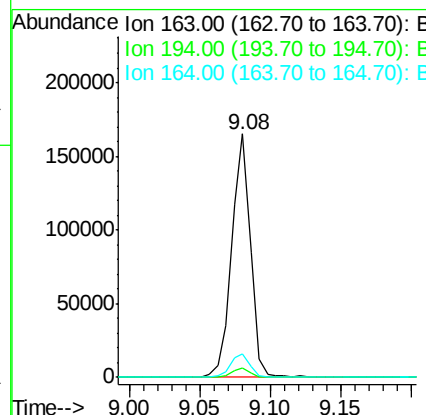
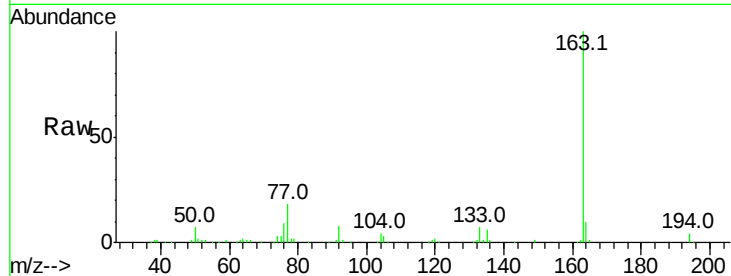
#49
Dimethylphthalate
Concen: 7.88 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF094473.D
Acq: 18 Apr 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-XY9-NSW

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.6	4.0	
164	9.8	8.4	12.6	

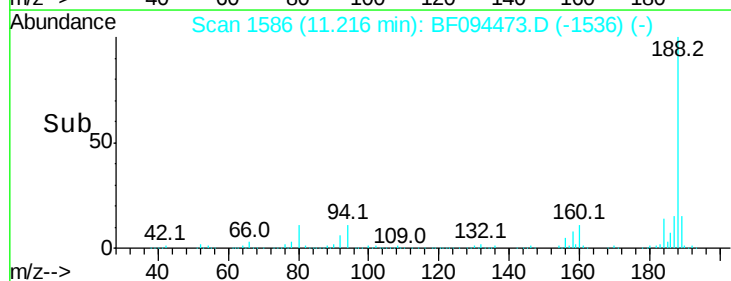
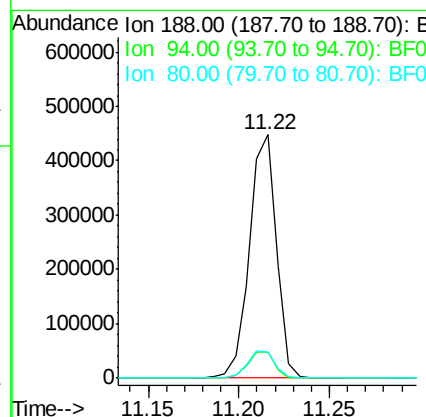
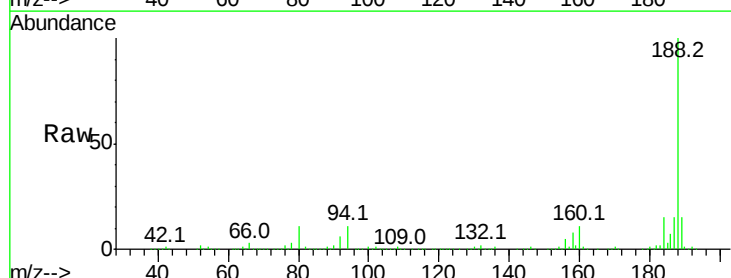
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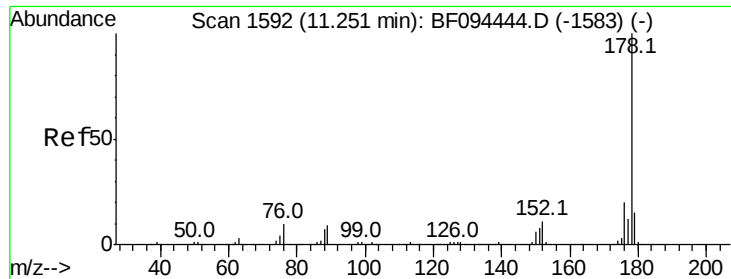
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094473.D
Acq: 18 Apr 2017 2:11

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.5	9.4	14.2	
80	10.7	10.2	15.2	





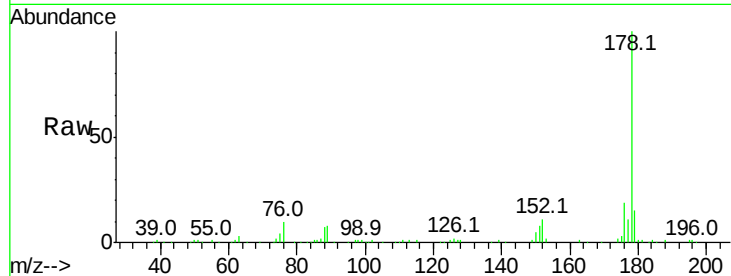
#70
Phenanthrene
Concen: 4.59 ng
RT: 11.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF094473.D
Acq: 18 Apr 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-XY9-NSW

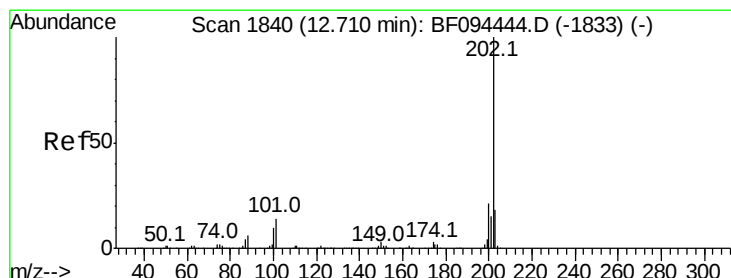
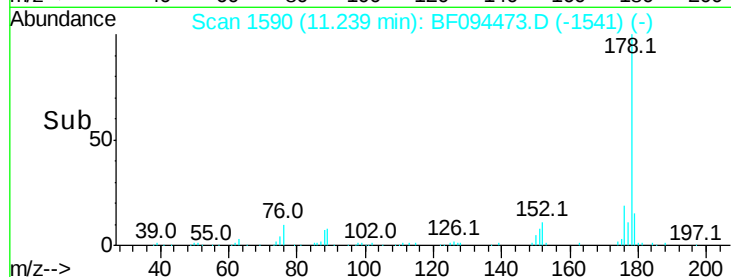
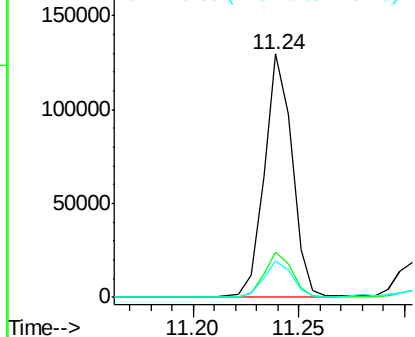
Tot Ion	Ratio	Resp	Lower	Upper
178	100	119123		
176	18.5	16.2	24.4	
179	15.0	12.6	19.0	

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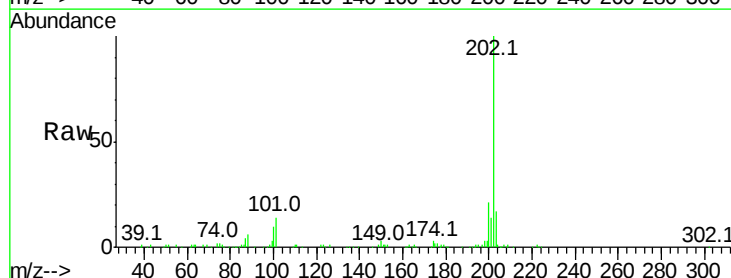


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

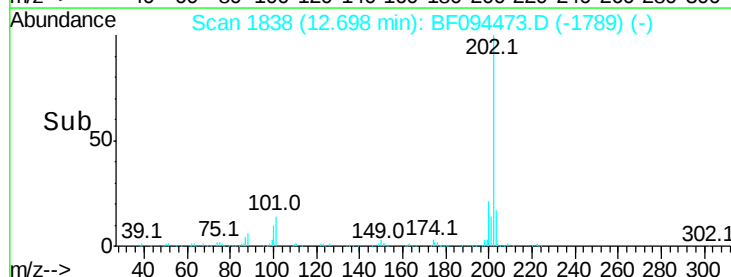
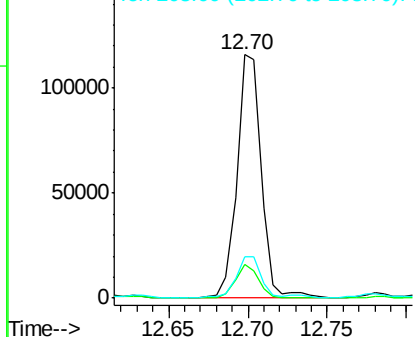


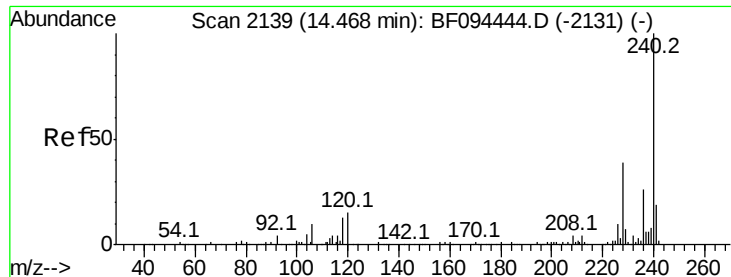
#74
Fluoranthene
Concen: 4.58 ng
RT: 12.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF094473.D
Acq: 18 Apr 2017 2:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	123171		
101	13.7	0.0	33.2	
203	17.0	0.0	38.1	



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BF094473.D

Acq: 18 Apr 2017 2:11

Instrument :

BNA_F

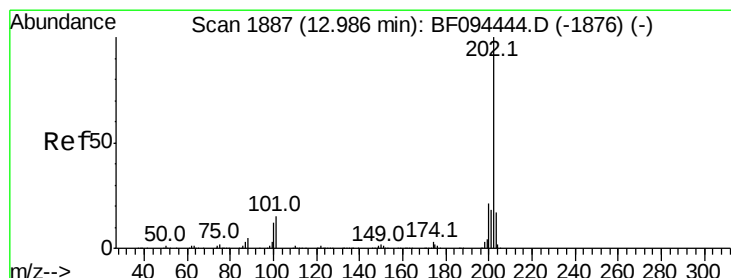
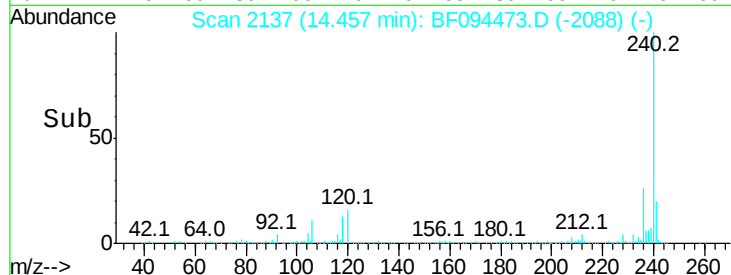
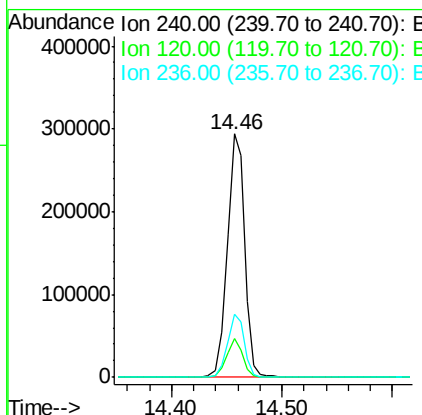
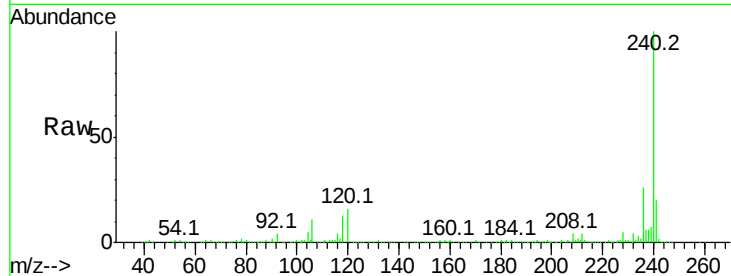
ClientSampleId :

E2-XY9-NSW

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.9	5.8	8.8#	
236	25.8	20.5	30.7	

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#77

Pyrene

Concen: 4.21 ng

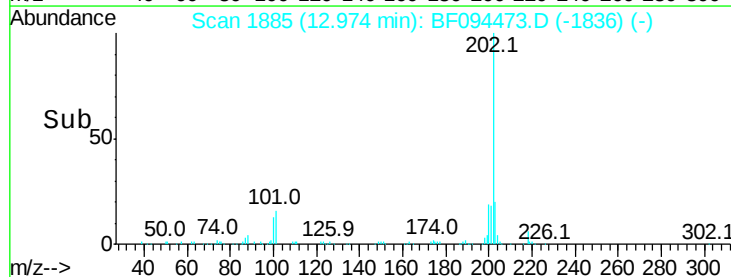
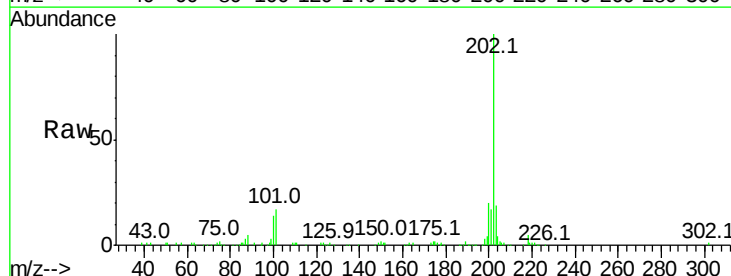
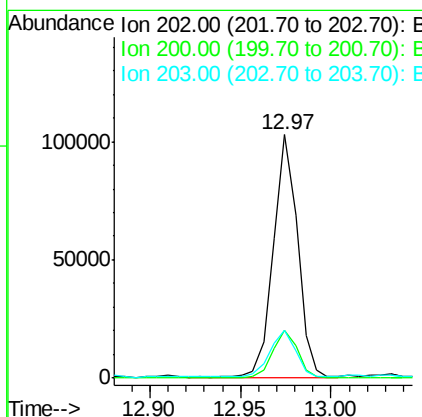
RT: 12.97 min Scan# 1885

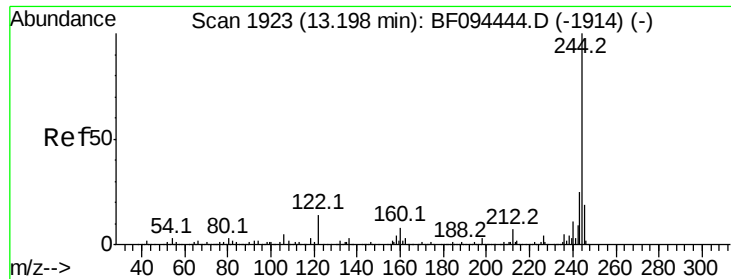
Delta R.T. -0.01 min

Lab File: BF094473.D

Acq: 18 Apr 2017 2:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.8	17.6	26.4	
203	19.4	14.4	21.6	





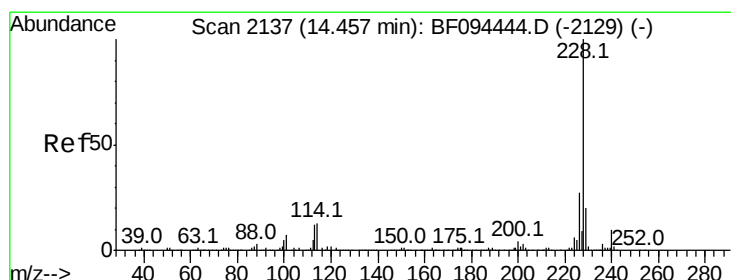
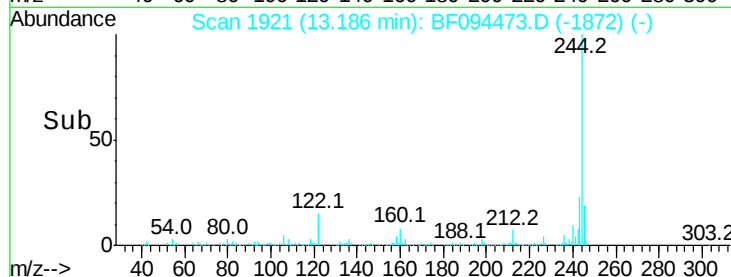
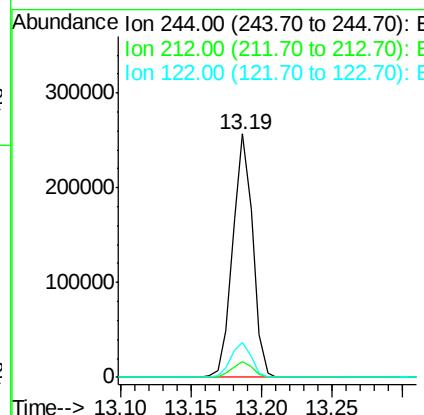
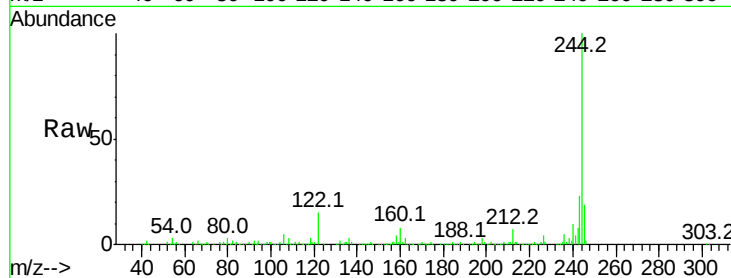
#78
 Terphenyl-d14
 Concen: 20.76 ng
 RT: 13.19 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF094473.D
 Acq: 18 Apr 2017 2:11

Instrument :
 BNA_F
 ClientSampleId :
 E2-XY9-NSW

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.6	10.3	15.5

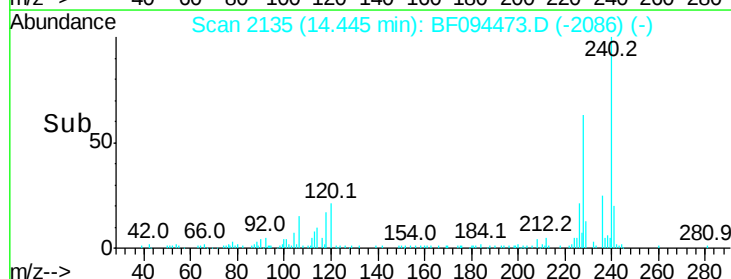
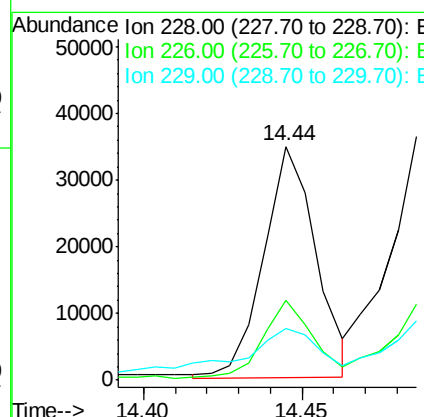
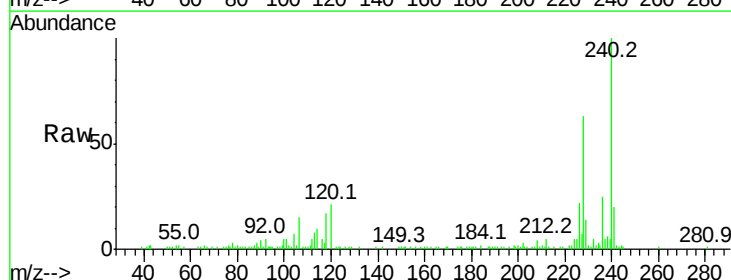
Manual Integrations
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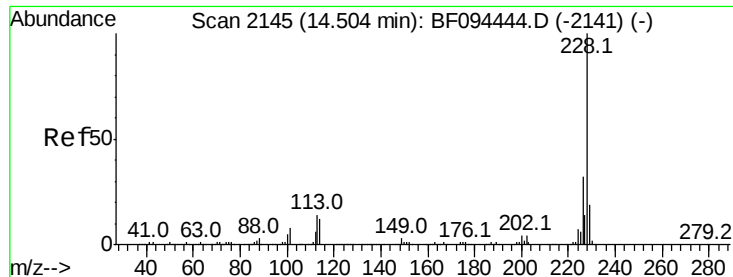
mohammad
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#80
 Benzo(a)anthracene
 Concen: 2.12 ng
 RT: 14.44 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BF094473.D
 Acq: 18 Apr 2017 2:11

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	34.2	22.6	33.8#
229	21.9	16.3	24.5





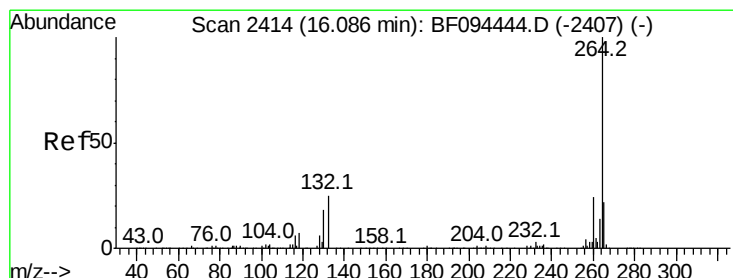
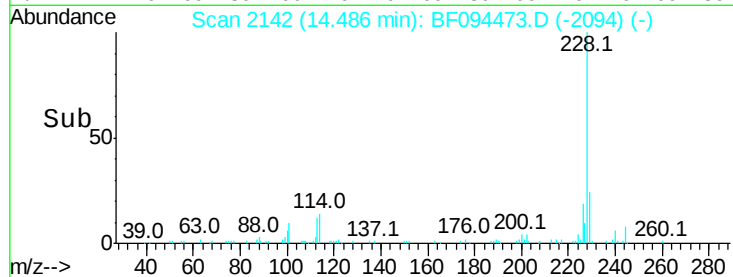
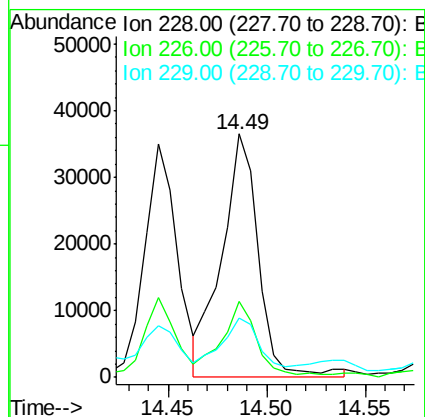
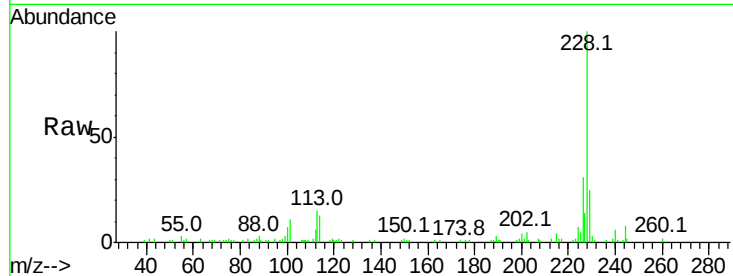
#82
Chrysene
Concen: 2.78 ng/ml
RT: 14.49 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BF094473.D
Acq: 18 Apr 2017 2:11

Instrument :
BNA_F
ClientSampleId :
E2-XY9-NSW

Tot Ion:	228	Resp:	47934
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.9	37.3
229	24.6	15.8	23.6

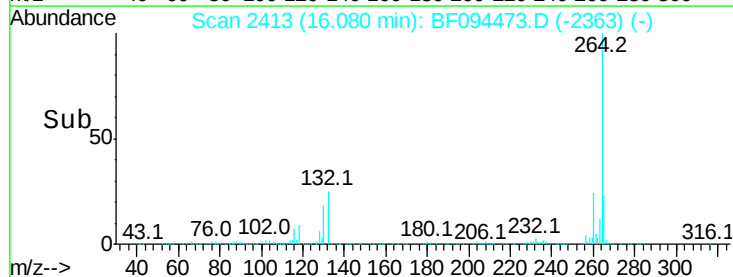
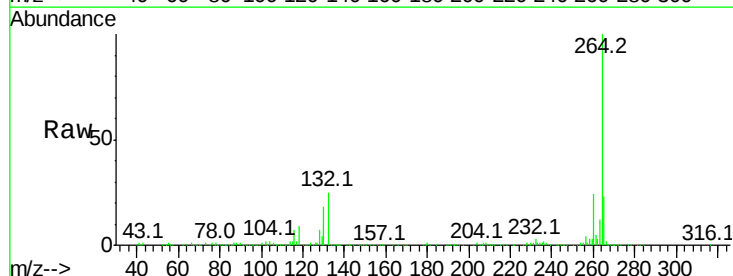
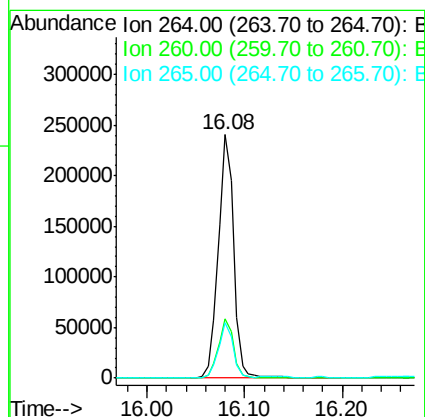
Manual Integrations
APPROVED

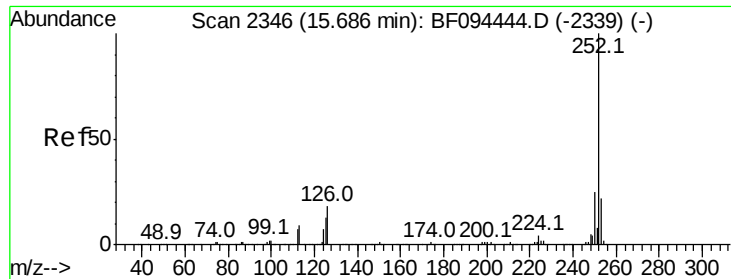
mohammad
4/18/2017 4:55:59 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BF094473.D
Acq: 18 Apr 2017 2:11

Tgt Ion:	264	Resp:	264888
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.5	29.3
265	22.5	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.58 ng m
 RT: 15.68 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BF094473.D
 Acq: 18 Apr 2017 2:11

Instrument :
 BNA_F
 ClientSampleId :
 E2-XY9-NSW

Tot Ion:	252	Resp:	41742
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	15.3	9.8	14.8#

Manual Integrations
 APPROVED

mohammad
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