

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097371.D
 Acq On : 4 Aug 2017 22:27
 Operator : SJ/JU
 Sample : I4555-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2043

Manual Integrations
 APPROVED

Sohil
 8/7/2017 6:10:06 PM

Quant Time: Aug 05 01:34:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	101233	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	453164	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	176861	20.00	ng	-0.08
63) Phenanthrene-d10	10.93	188	300135	20.00	ng	-0.07
75) Chrysene-d12	13.55	240	224105	20.00	ng	-0.08
86) Perylene-d12	14.89	264	180485	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	686731	102.26	ng	-0.05
7) Phenol-d6	6.12	99	837633	109.26	ng	-0.05
23) Nitrobenzene-d5	7.01	82	491143	63.58	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	142512	101.99	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	701395	67.30	ng	-0.07
78) Terphenyl-d14	12.52	244	514076	46.77	ng	-0.07
Target Compounds						
10) Phenol	6.13	94	23717	2.608	ng	Qvalue # 67
49) Dimethylphthalate	9.20	163	163192	12.151	ng	97
74) Fluoranthene	12.13	202	44090	2.799	ng	98
77) Pyrene	12.36	202	41673	2.271	ng	97
87) Benzo(b)fluoranthene	14.54	252	25237m	2.326	ng	

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

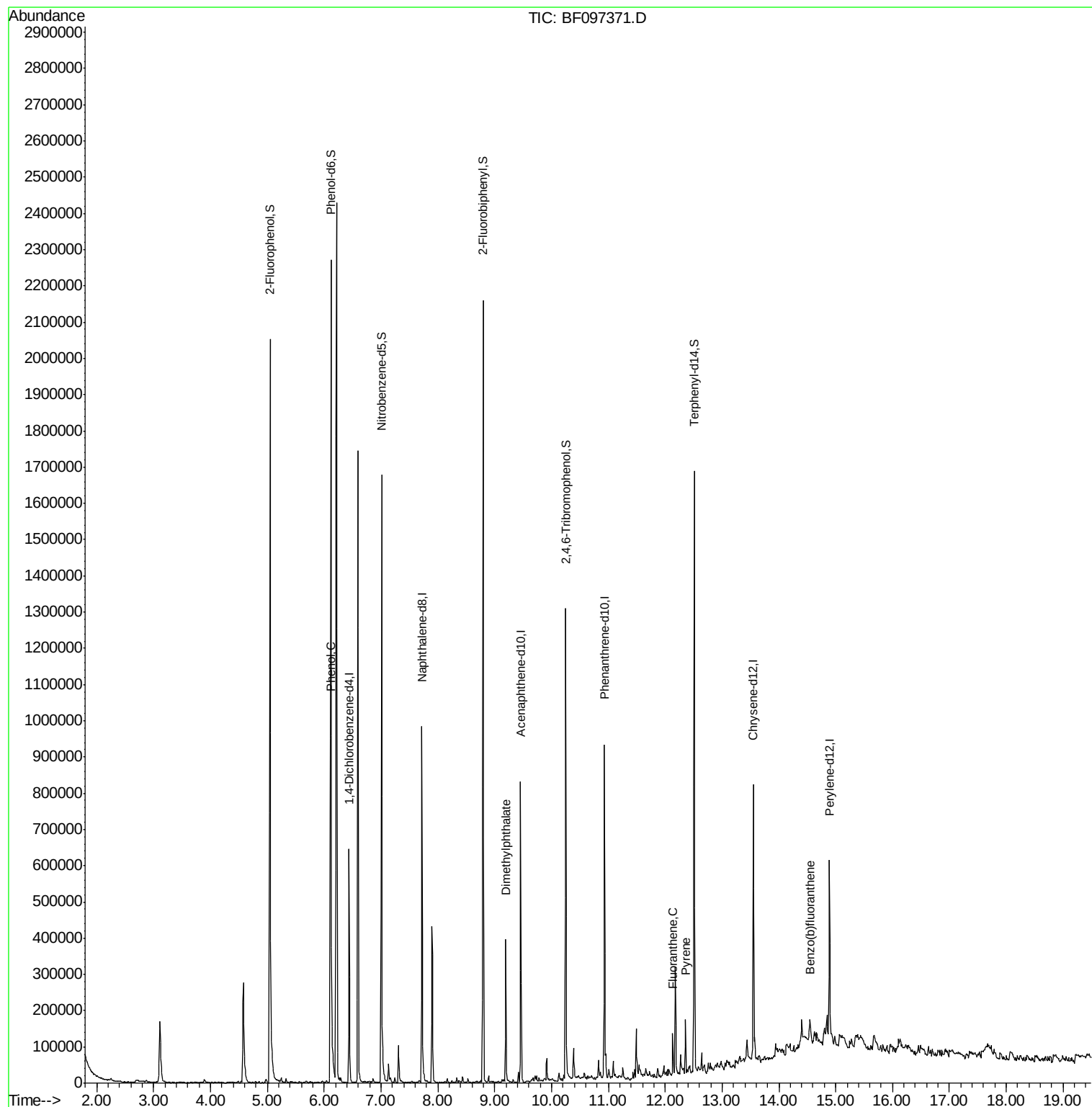
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097371.D
Acq On : 4 Aug 2017 22:27
Operator : SJ/JU
Sample : I4555-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

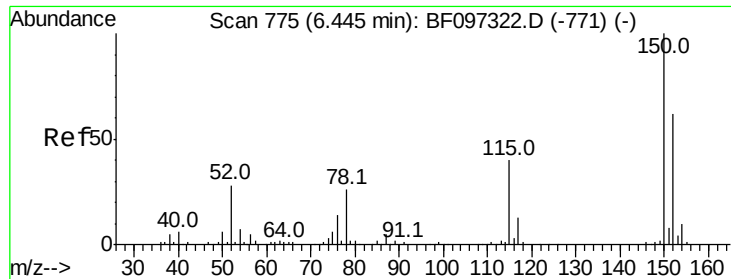
Instrument :
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ClientSampleId :
2043

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Quant Time: Aug 05 01:34:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration





#1

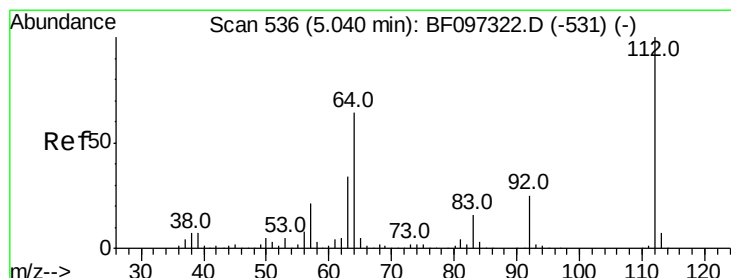
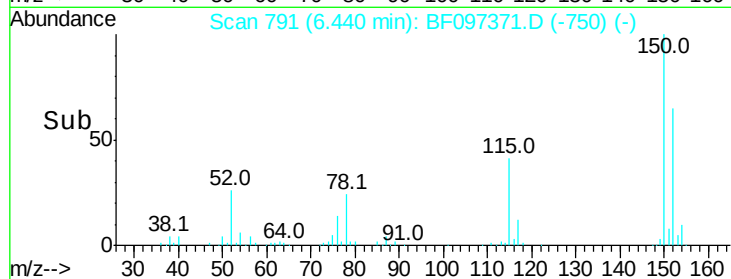
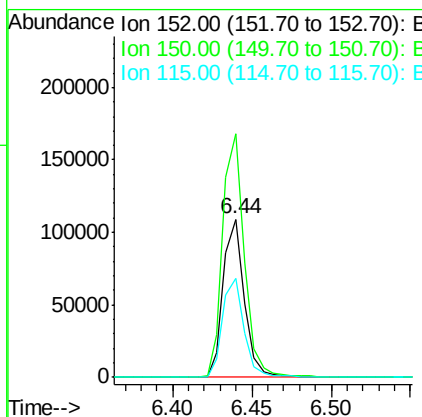
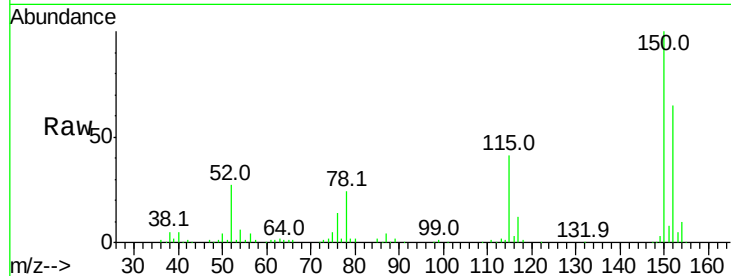
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097371.D
Acq: 4 Aug 2017 22:27

Instrument :
BNA_F
ClientSampled :
2043

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	62.2	52.2	78.2

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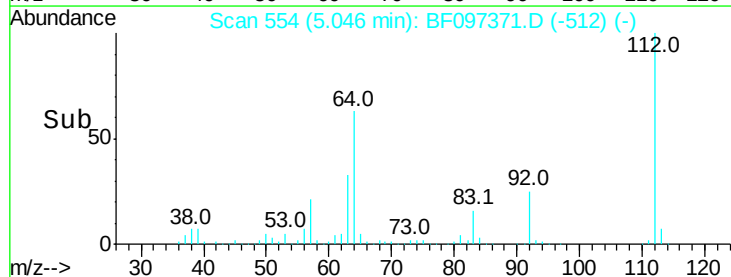
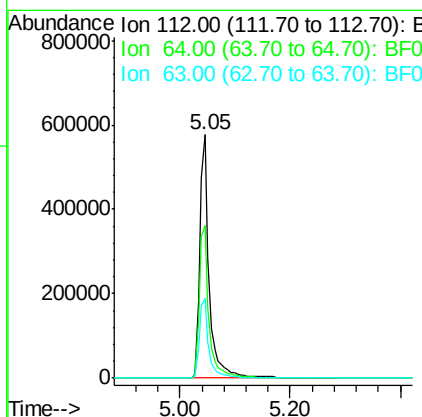
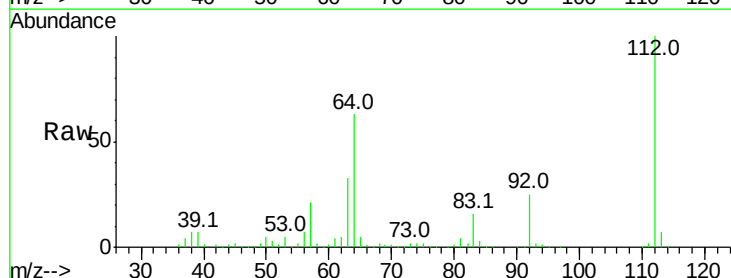
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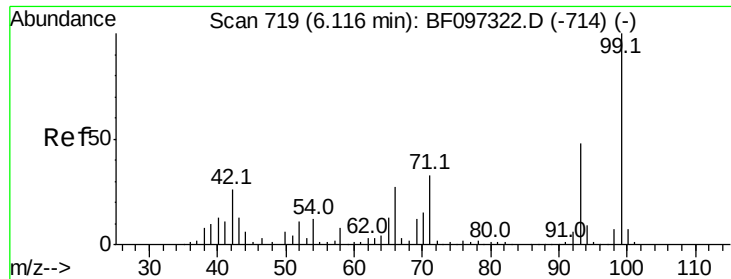


#5

2-Fluorophenol
Concen: 102.263 ng
RT: 5.05 min Scan# 554
Delta R.T. -0.05 min
Lab File: BF097371.D
Acq: 4 Aug 2017 22:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	46.0	69.0
63	32.8	23.4	35.0





#7

Phenol-d6

Concen: 109.261 ng

RT: 6.12 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF097371.D

Acq: 4 Aug 2017 22:27

Instrument :

BNA_F

ClientSampled :

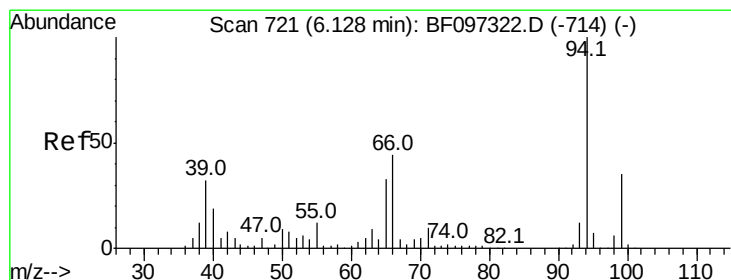
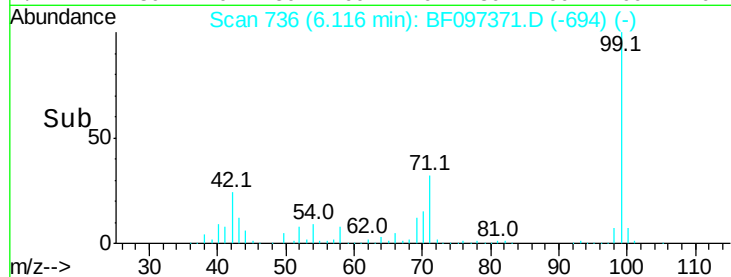
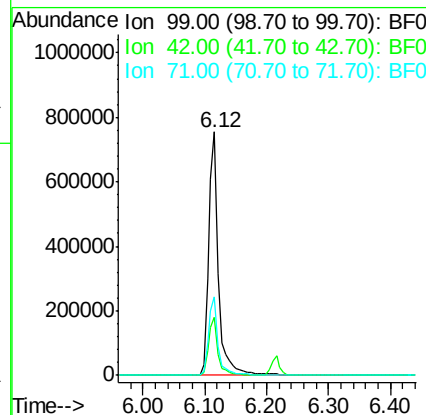
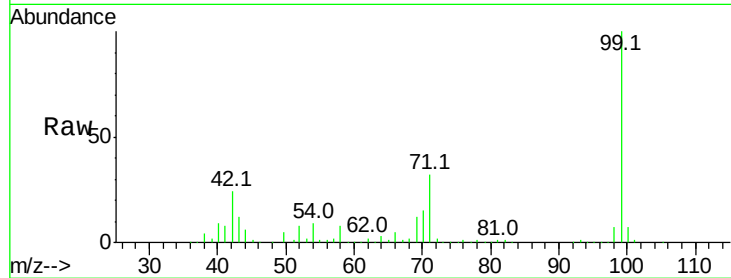
2043

Tot Ion: 99 Resp: 837633

Ion	Ratio	Lower	Upper
99	100		
42	23.7	13.5	20.3#
71	32.4	24.5	36.7

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#10

Phenol

Concen: 2.608 ng

RT: 6.13 min Scan# 738

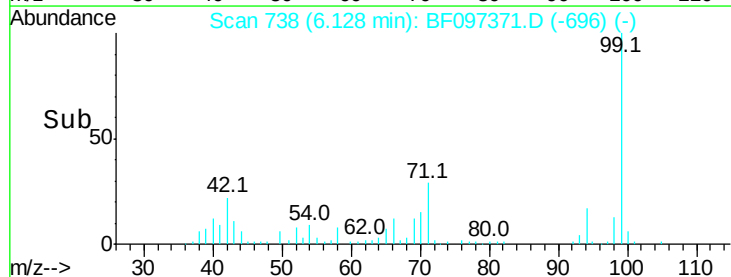
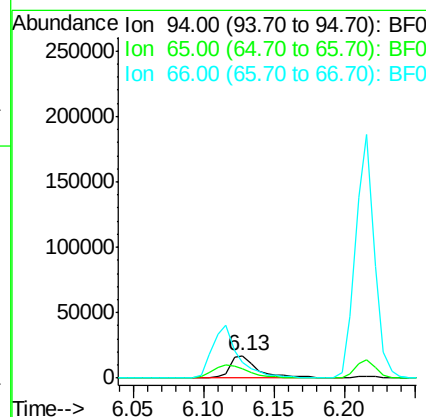
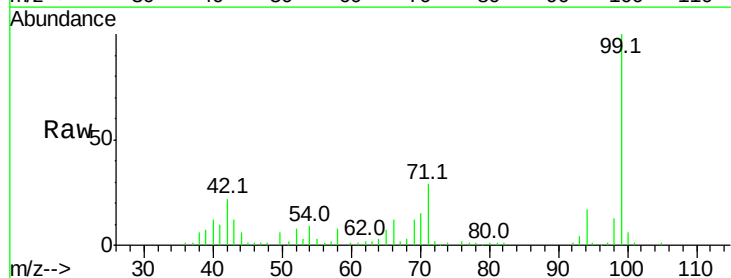
Delta R.T. -0.05 min

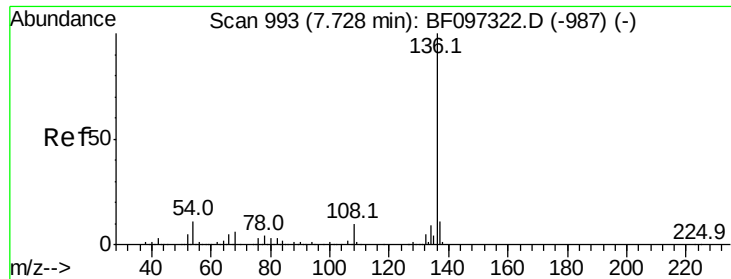
Lab File: BF097371.D

Acq: 4 Aug 2017 22:27

Tgt Ion: 94 Resp: 23717

Ion	Ratio	Lower	Upper
94	100		
65	39.4	9.9	49.9
66	70.6	23.1	63.1#





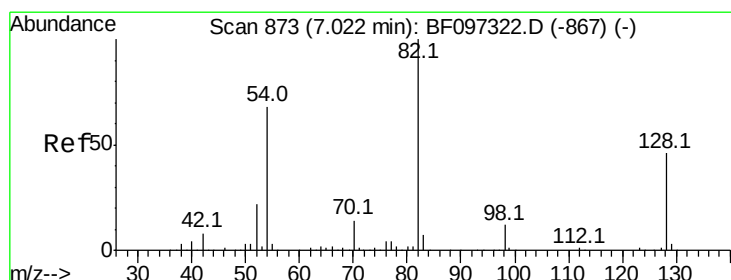
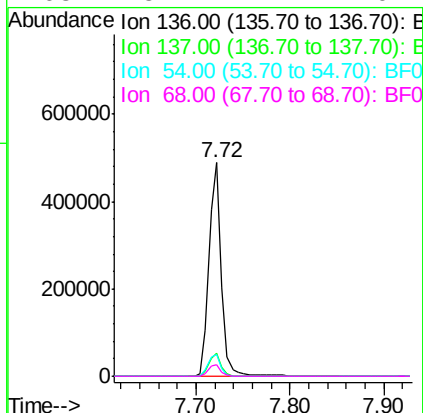
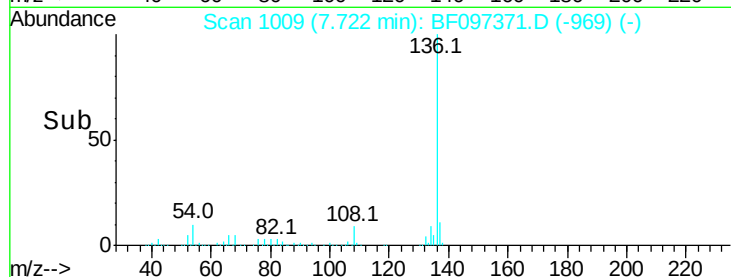
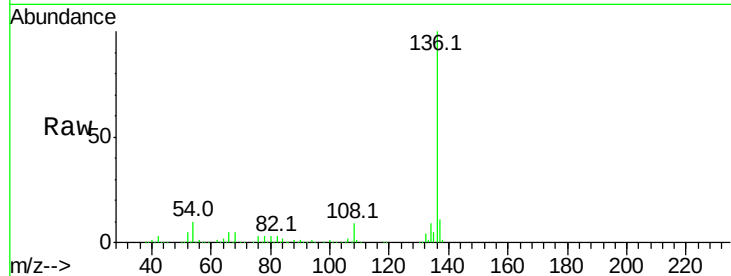
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.72 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF097371.D
Acq: 4 Aug 2017 22:27

Instrument :
BNA_F
ClientSampleId :
2043

Tot Ion	Ratio	Resp	Lower	Upper
136	100	453164		
137	10.6	8.5	12.7	
54	10.0	4.9	7.3#	
68	5.2	4.1	6.1	

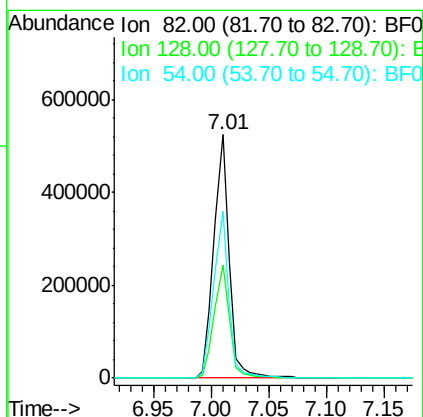
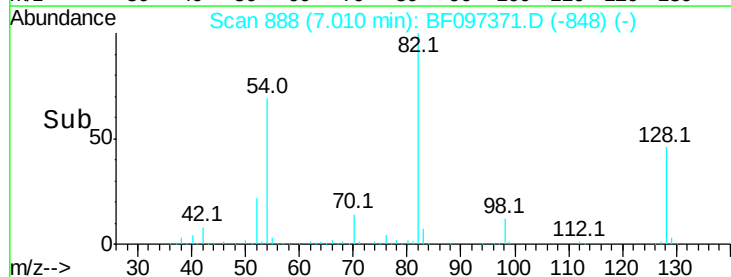
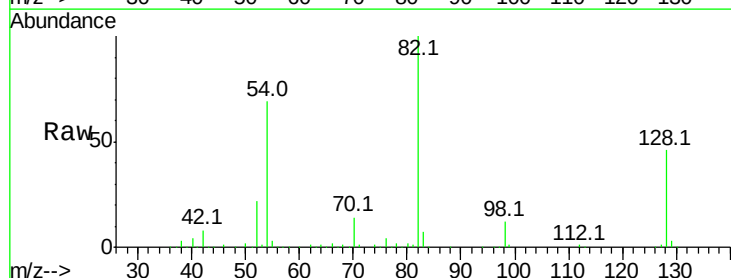
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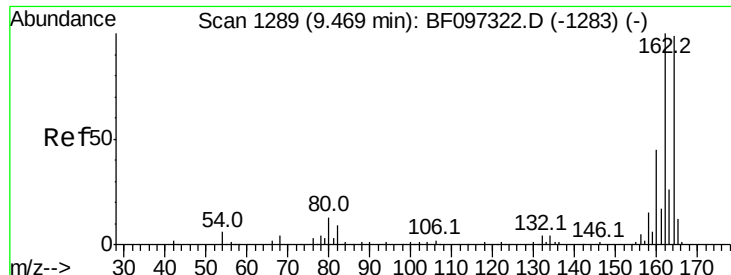
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#23
Nitrobenzene-d5
Concen: 63.581 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.06 min
Lab File: BF097371.D
Acq: 4 Aug 2017 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	491143		
128	46.2	34.0	51.0	
54	68.7	42.2	63.2#	





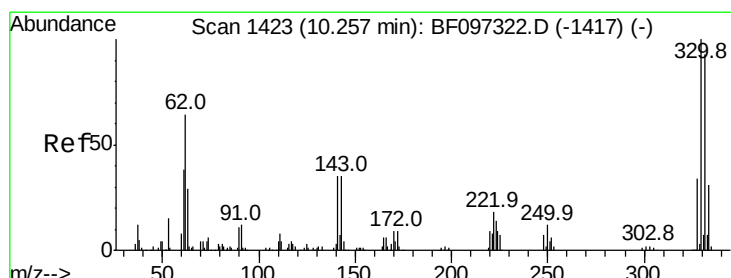
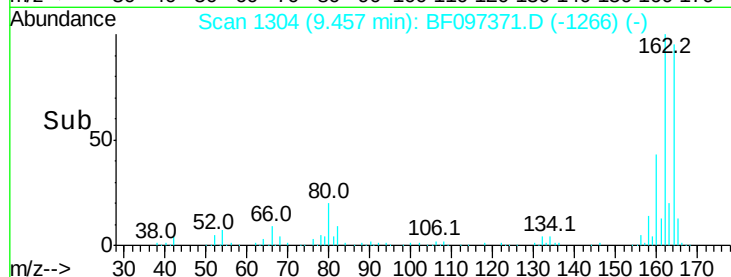
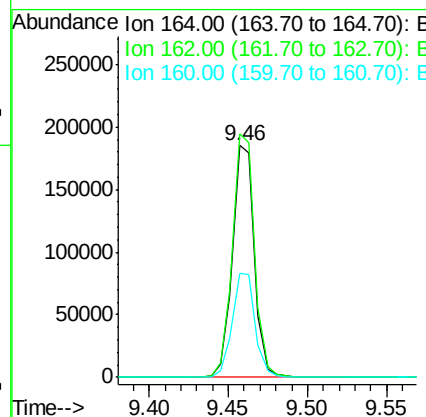
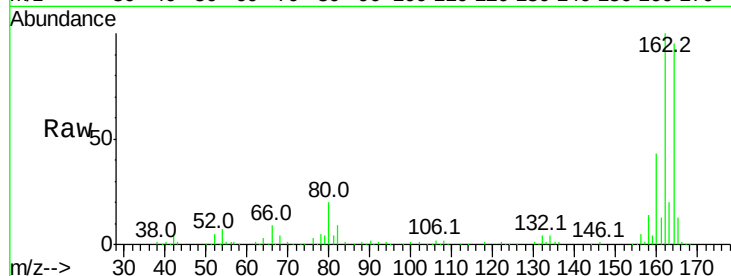
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.46 min Scan# 1304
 Delta R.T. -0.08 min
 Lab File: BF097371.D
 Acq: 4 Aug 2017 22:27

Instrument :
 BNA_F
 ClientSampled :
 2043

Tot Ion	Ratio	Resp	Lower	Upper
164	100	176861		
162	105.0	82.6	123.8	
160	44.8	36.2	54.2	

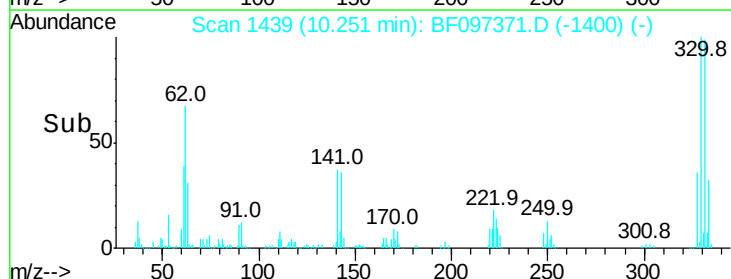
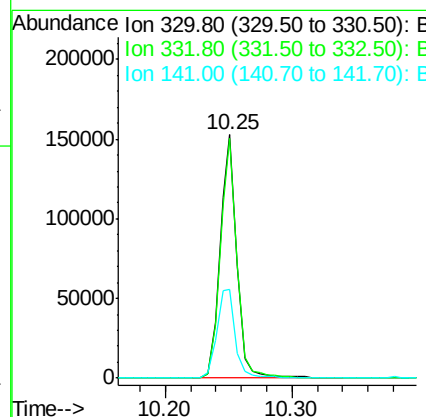
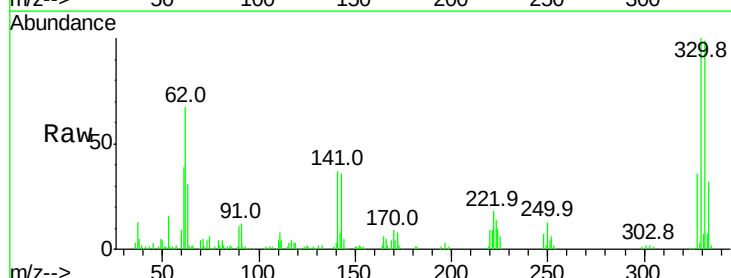
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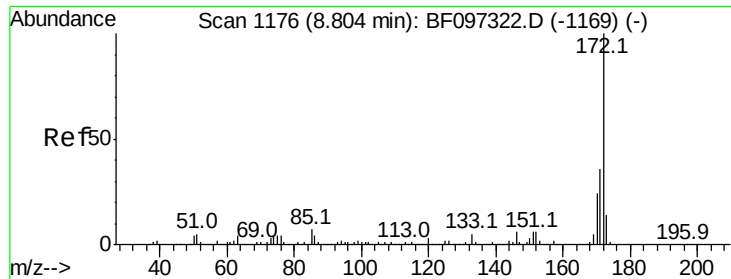
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#41
 2,4,6-Tribromophenol
 Concen: 101.986 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.07 min
 Lab File: BF097371.D
 Acq: 4 Aug 2017 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	142512		
332	98.7	76.6	115.0	
141	40.7	31.4	47.2	





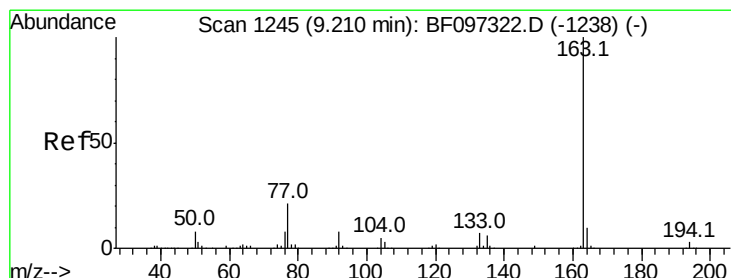
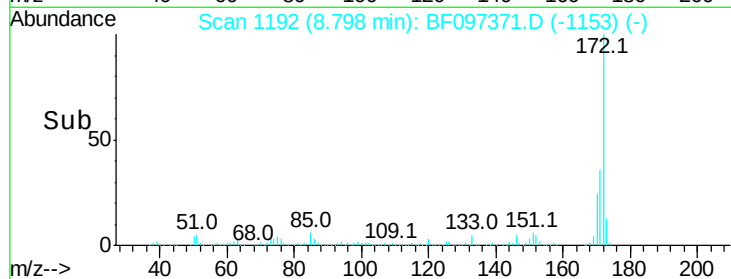
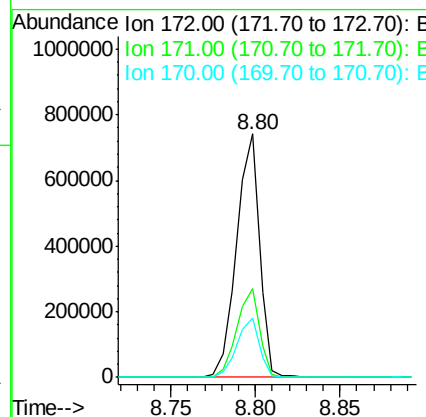
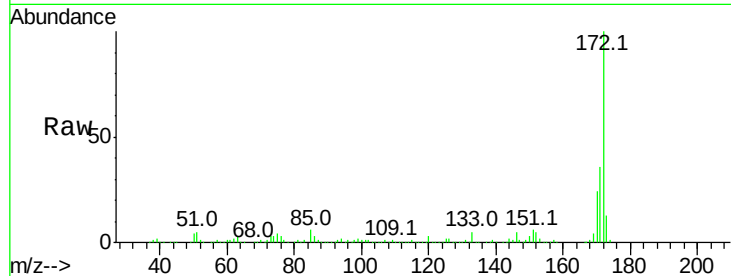
#44
2-Fluorobiphenyl
Concen: 67.303 ng
RT: 8.80 min Scan# 1192
Delta R.T. -0.07 min
Lab File: BF097371.D
Acq: 4 Aug 2017 22:27

Instrument :
BNA_F
ClientSampled :
2043

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.2	19.8	29.8

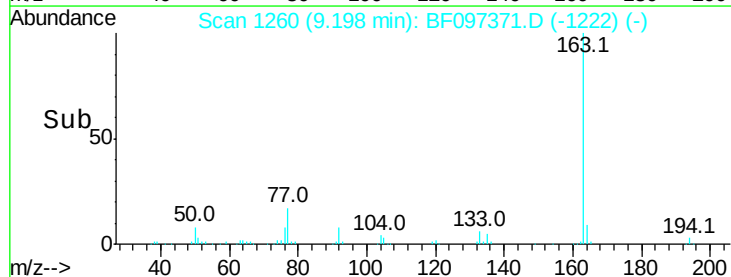
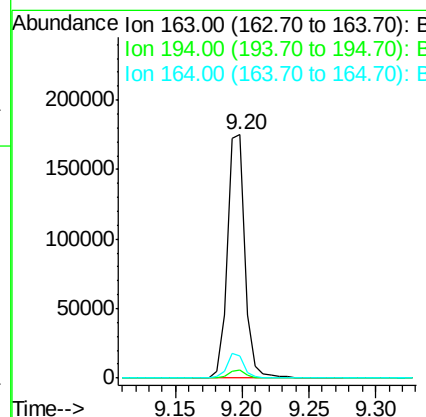
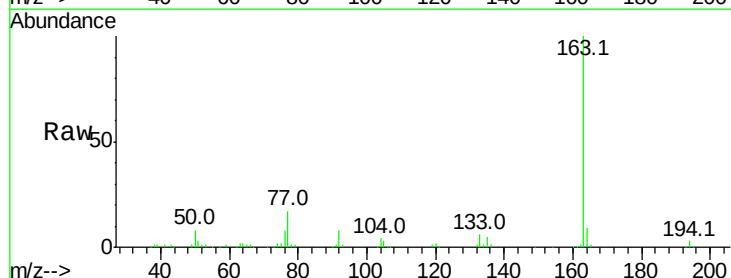
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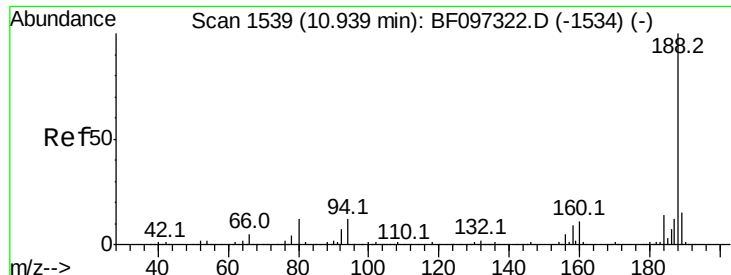
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#49
Dimethylphthalate
Concen: 12.151 ng
RT: 9.20 min Scan# 1260
Delta R.T. -0.08 min
Lab File: BF097371.D
Acq: 4 Aug 2017 22:27

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.3	8.4	12.6





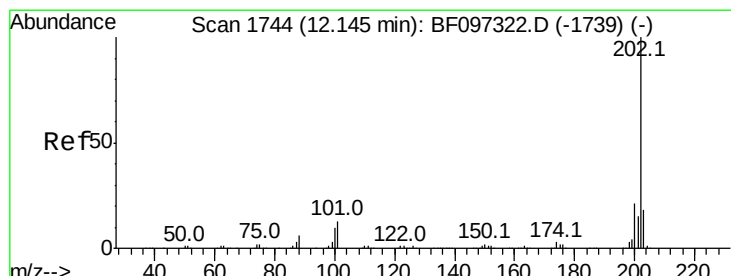
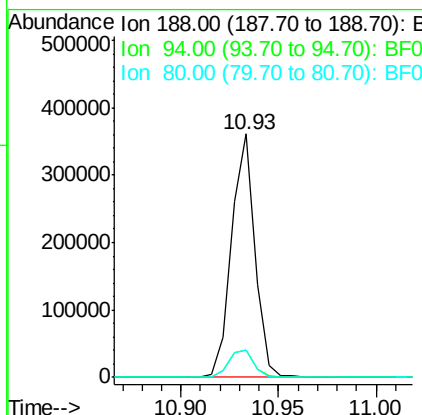
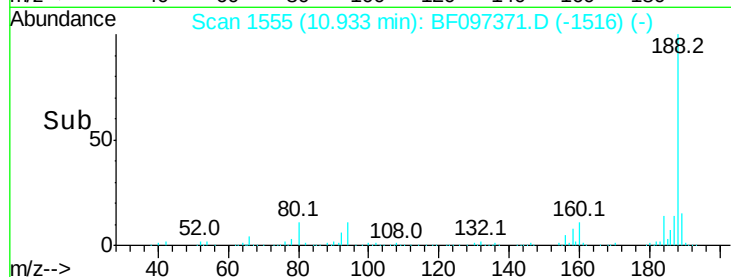
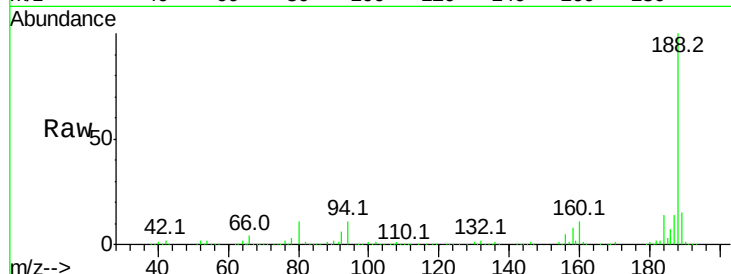
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097371.D
Acq: 4 Aug 2017 22:27

Instrument :
BNA_F
ClientSampled :
2043

Tot Ion	Ratio	Resp	Lower	Upper
188	100	300135		
94	11.0		9.4	14.2
80	11.2		10.2	15.2

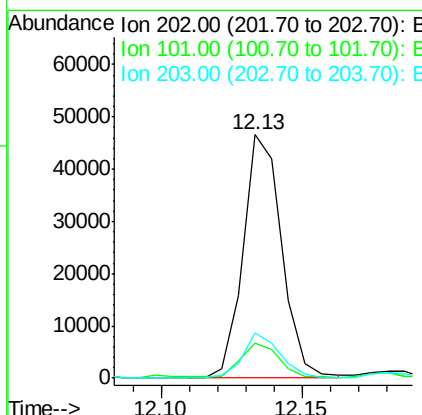
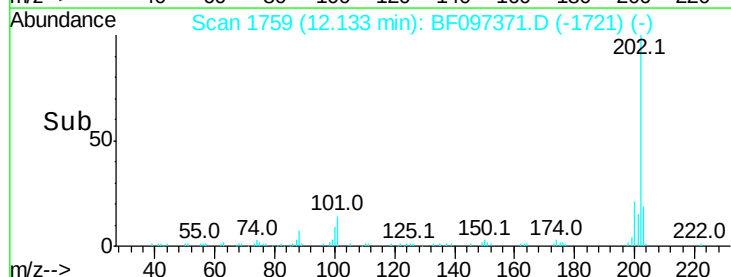
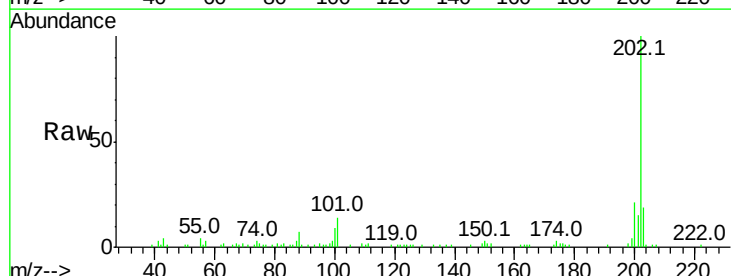
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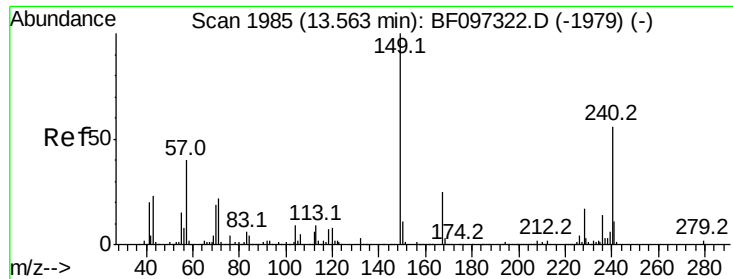
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#74
Fluoranthene
Concen: 2.799 ng
RT: 12.13 min Scan# 1759
Delta R.T. -0.08 min
Lab File: BF097371.D
Acq: 4 Aug 2017 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	44090		
101	14.4		0.0	33.2
203	18.7		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.55 min Scan# 2000

Delta R.T. -0.08 min

Lab File: BF097371.D

Acq: 4 Aug 2017 22:27

Instrument :

BNA_F

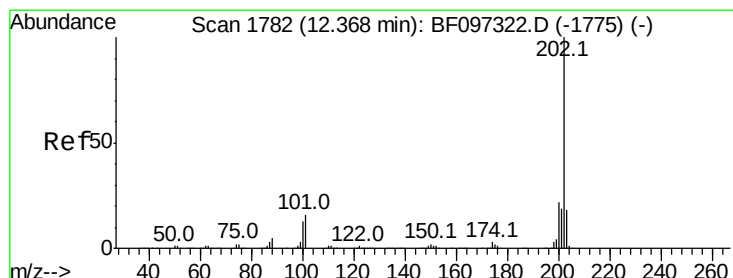
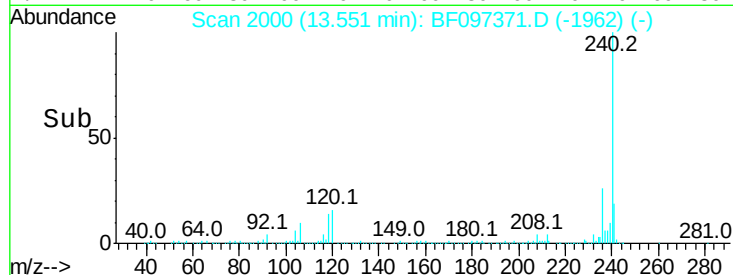
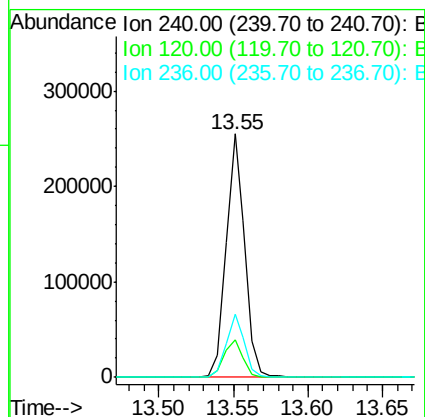
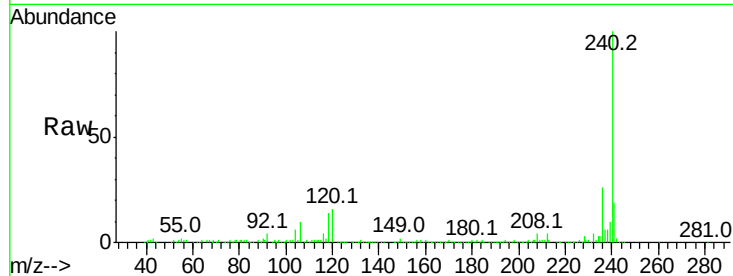
ClientSampled :

2043

Tot Ion	Ratio	Resp	Lower	Upper
240	100	224105		
120	15.7	5.8	8.8#	
236	25.9	20.5	30.7	

Manual Integrations
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#77

Pyrene

Concen: 2.271 ng

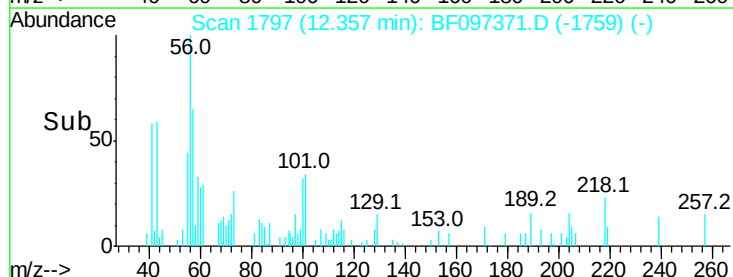
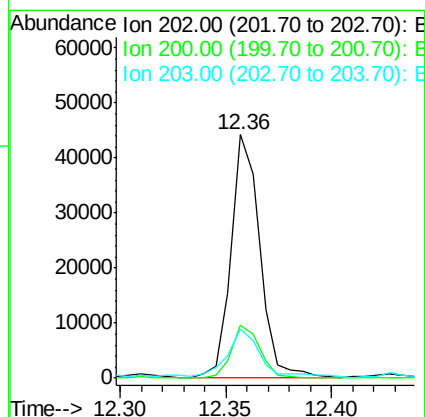
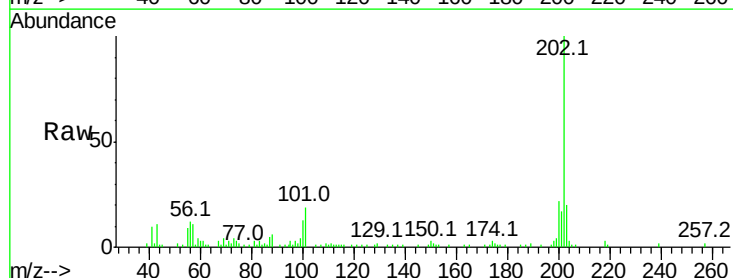
RT: 12.36 min Scan# 1797

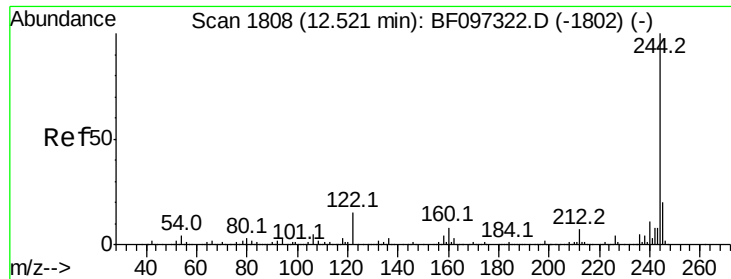
Delta R.T. -0.08 min

Lab File: BF097371.D

Acq: 4 Aug 2017 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	41673		
200	21.6	17.6	26.4	
203	20.1	14.4	21.6	





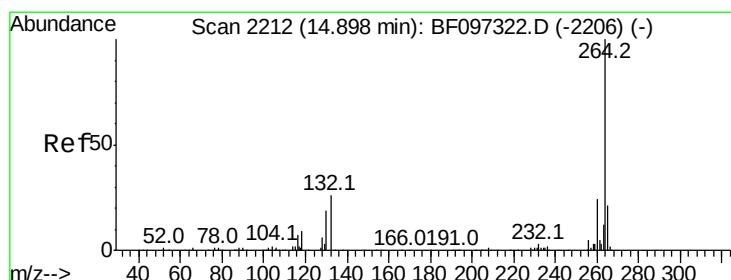
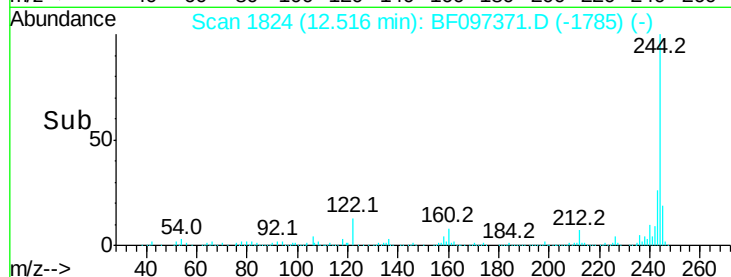
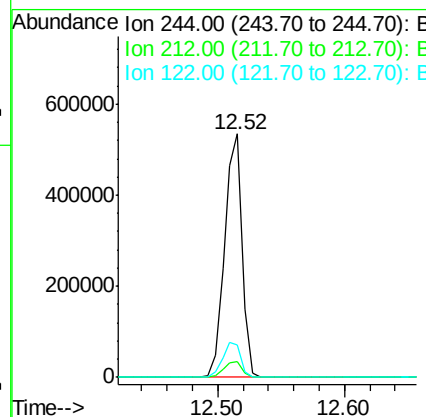
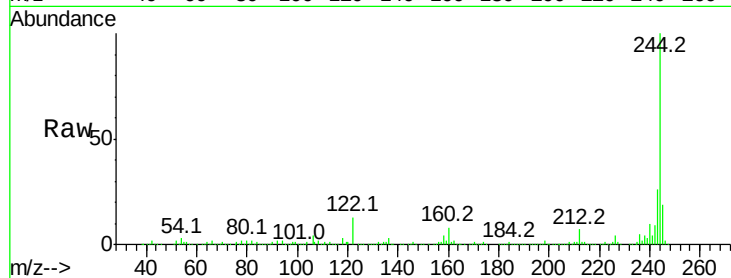
#78
 Terphenyl-d14
 Concen: 46.769 ng
 RT: 12.52 min Scan# 1824
 Delta R.T. -0.07 min
 Lab File: BF097371.D
 Acq: 4 Aug 2017 22:27

Instrument :
 BNA_F
 ClientSampleId :
 2043

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.4	10.3	15.5

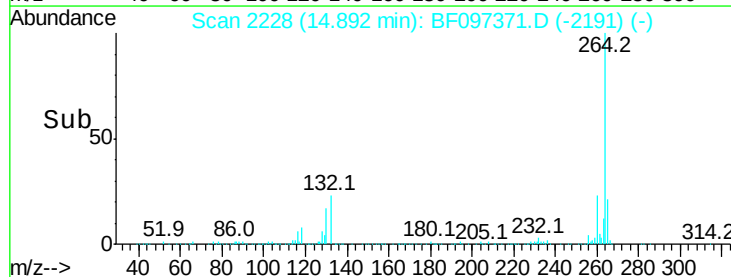
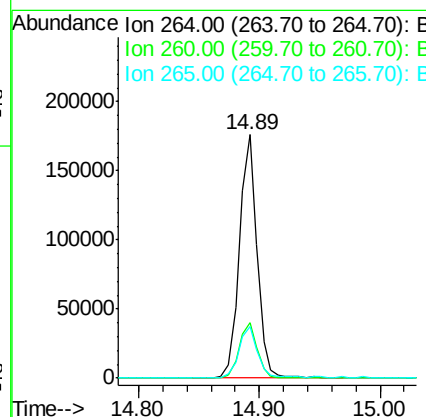
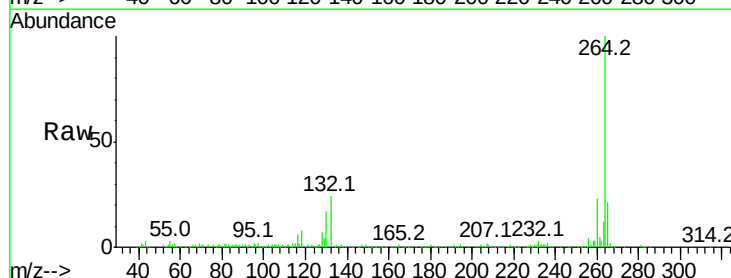
Manual Integrations
 APPROVED

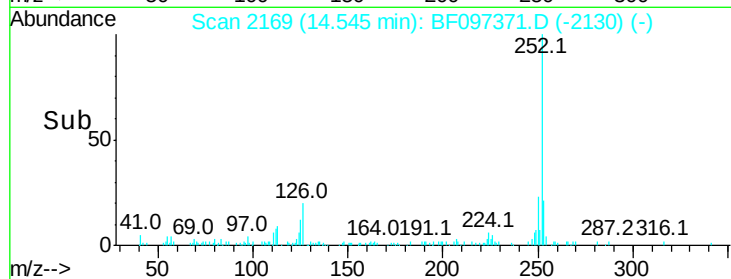
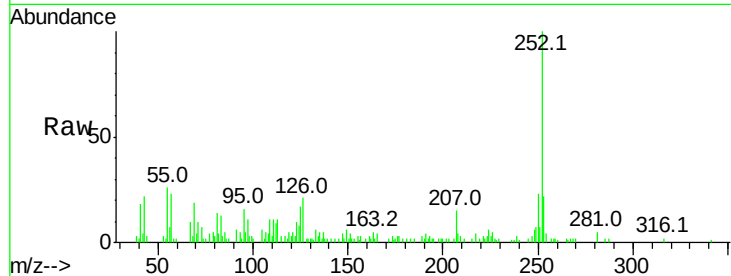
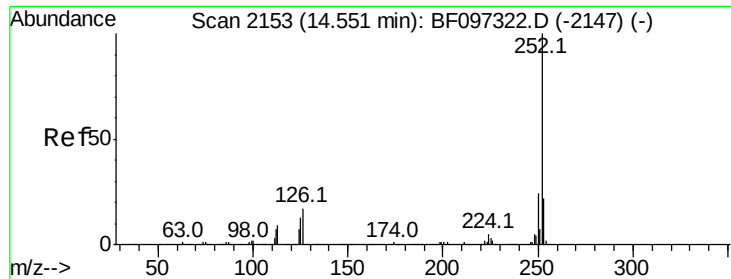
Sohil
 8/7/2017 6:10:06 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.89 min Scan# 2228
 Delta R.T. -0.08 min
 Lab File: BF097371.D
 Acq: 4 Aug 2017 22:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.326 ng/ml

RT: 14.54 min Scan# 2169

Delta R.T. -0.07 min

Lab File: BF097371.D

Acq: 4 Aug 2017 22:27

Instrument :

BNA_F

ClientSampleId :

2043

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	16.5	9.8	14.8

Manual Integrations
APPROVED

Sohil
8/7/2017 6:10:06 PM

