

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099730.D
 Acq On : 21 Oct 2017 16:21
 Operator : SJ/JU
 Sample : I5950-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170723-C-A-COMP2

Manual Integrations
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Sohil
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Quant Time: Oct 22 01:18:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	96691	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	399949	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	181845	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	304300	20.00	ng	0.00
75) Chrysene-d12	13.98	240	174649	20.00	ng	0.00
86) Perylene-d12	15.44	264	173601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	46534	7.66	ng	0.00
7) Phenol-d6	6.46	99	189149	25.24	ng	0.00
23) Nitrobenzene-d5	7.38	82	362548	58.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	12361	8.31	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	620412	56.96	ng	0.00
78) Terphenyl-d14	12.92	244	465539	60.62	ng	0.00
Target Compounds						
10) Phenol	6.47	94	22390	2.672	ng	98
49) Dimethylphthalate	9.56	163	57841	4.214	ng	98
74) Fluoranthene	12.55	202	68869	4.175	ng	98
77) Pyrene	12.78	202	56193	4.219	ng	98
80) Benzo(a)anthracene	13.97	228	23960	2.266	ng	97
82) Chrysene	14.00	228	29879m	2.968	ng	
83) Bis(2-ethylhexyl)phthalate	13.94	149	27970	3.245	ng	97
87) Benzo(b)fluoranthene	15.02	252	28536m	2.673	ng	

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

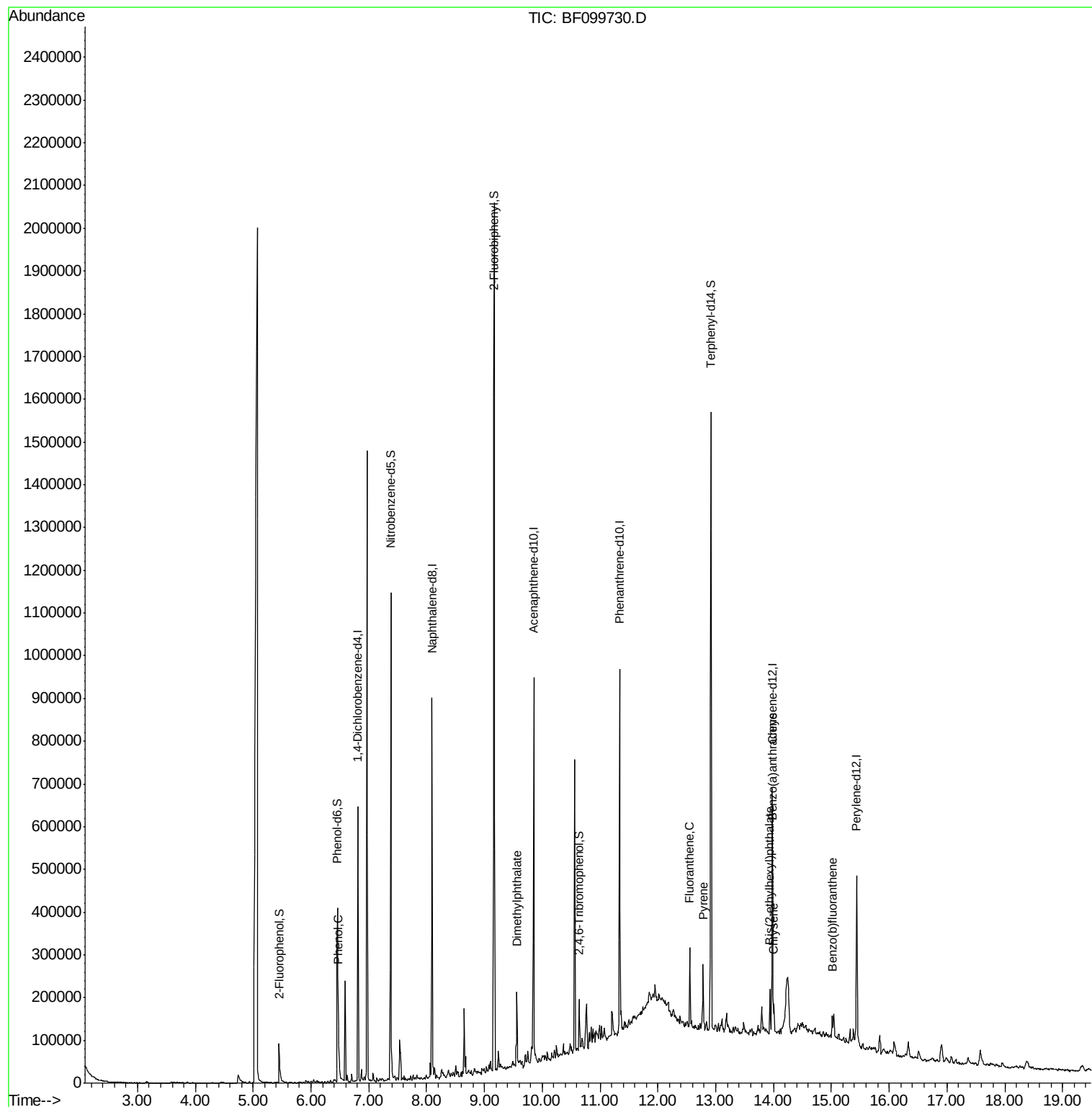
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099730.D
Acq On : 21 Oct 2017 16:21
Operator : SJ/JU
Sample : I5950-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

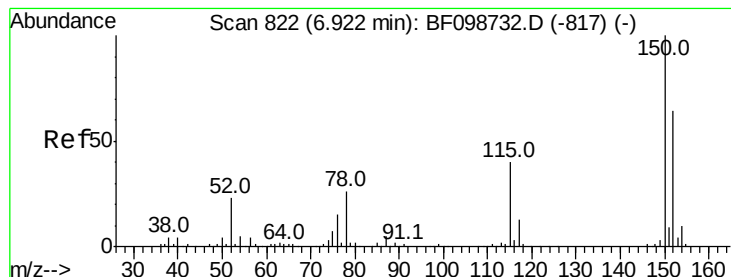
Instrument :
BNA_F
ClientSampleId :
20170723-C-A-COMP2

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Quant Time: Oct 22 01:18:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration





#1

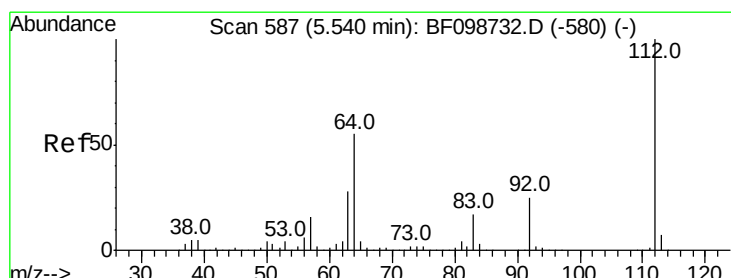
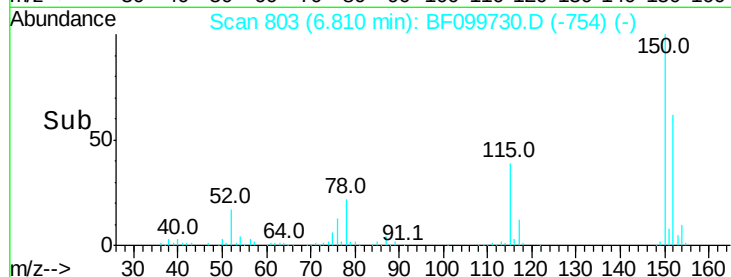
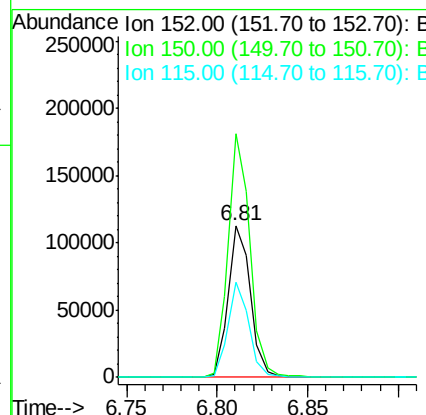
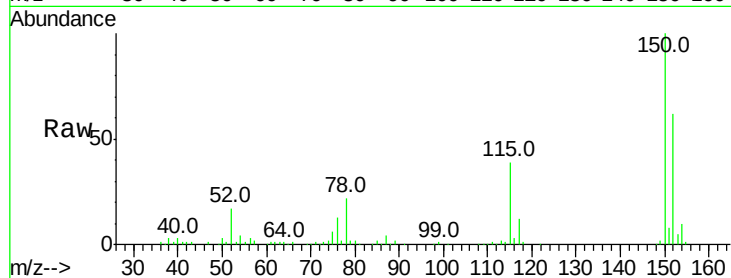
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099730.D
Acq: 21 Oct 2017 16:21

Instrument :
BNA_F
ClientSampleId :
20170723-C-A-COMP2

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	62.5	50.1	75.1

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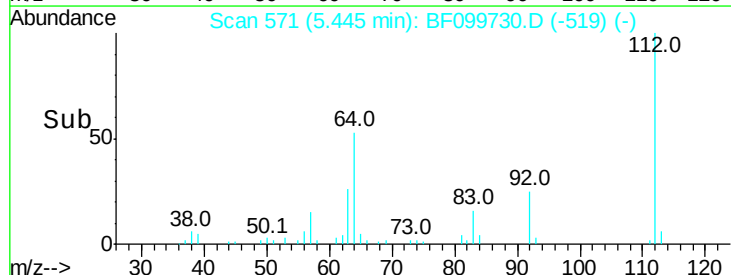
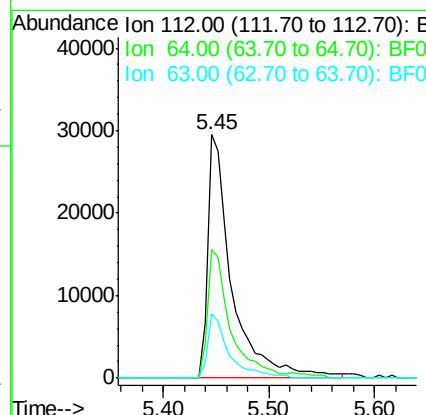
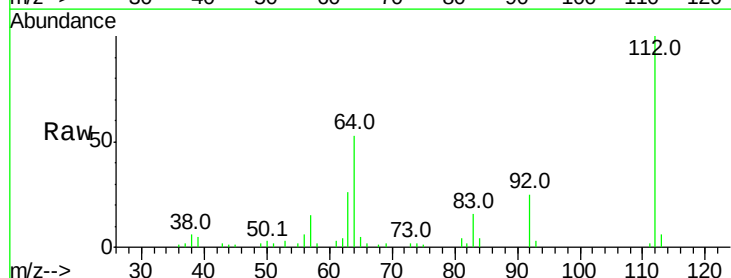
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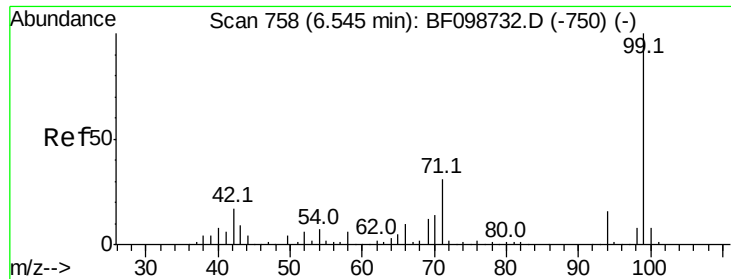


#5

2-Fluorophenol
Concen: 7.661 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF099730.D
Acq: 21 Oct 2017 16:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	47.9	71.9
63	26.3	23.7	35.5





#7

Phenol-d6

Concen: 25.244 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099730.D

Acq: 21 Oct 2017 16:21

Instrument :

BNA_F

ClientSampleId :

20170723-C-A-COMP2

Tot Ion: 99 Resp: 189149

Ion Ratio Lower Upper

99 100

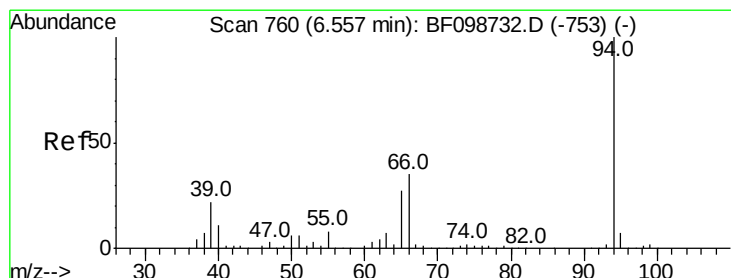
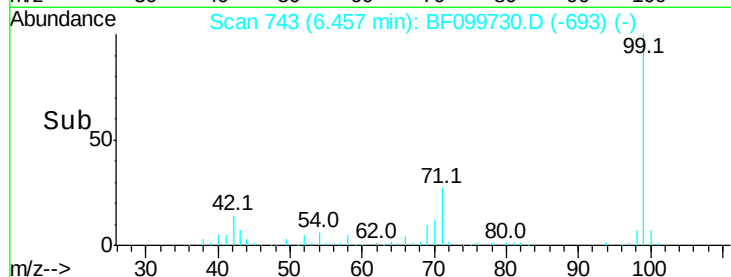
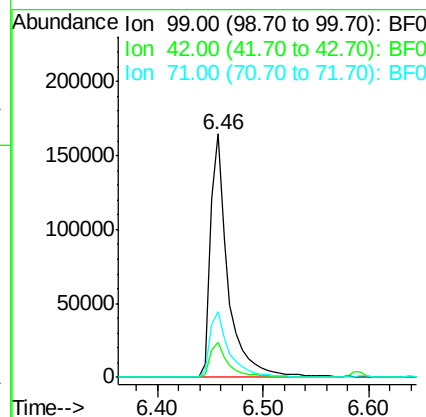
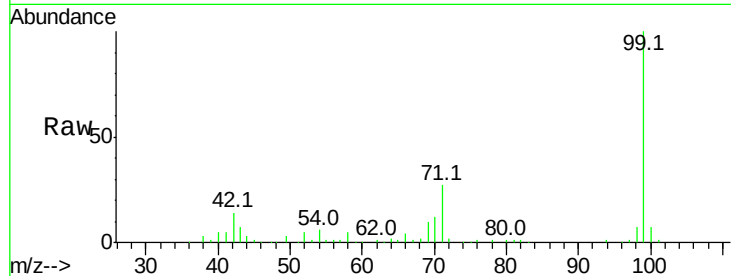
42 14.3 14.5 21.7#

71 27.1 25.4 38.0

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#10

Phenol

Concen: 2.672 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099730.D

Acq: 21 Oct 2017 16:21

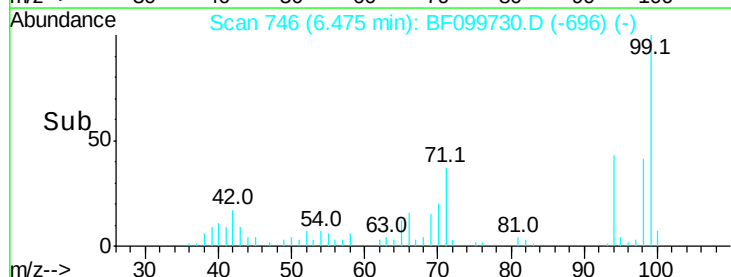
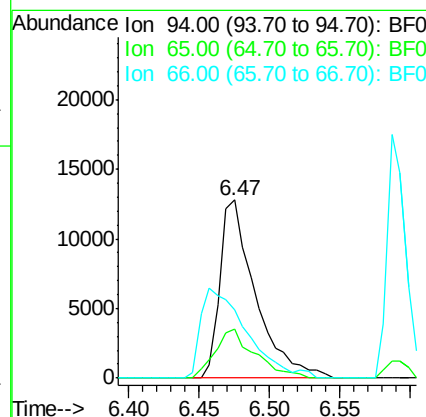
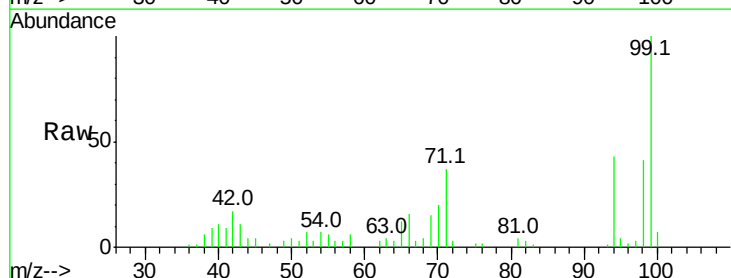
Tgt Ion: 94 Resp: 22390

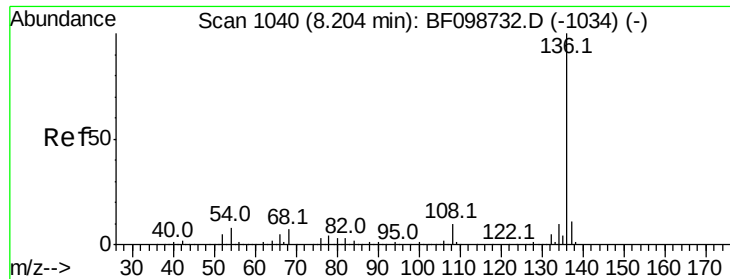
Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

66 38.6 16.2 56.2





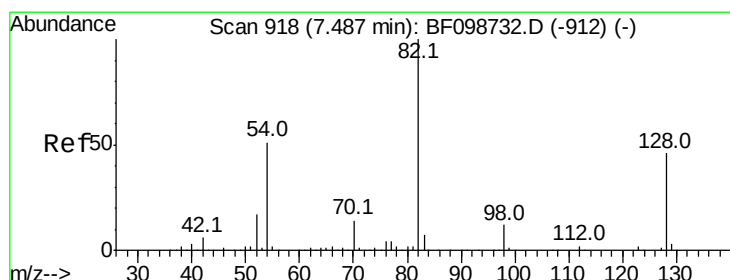
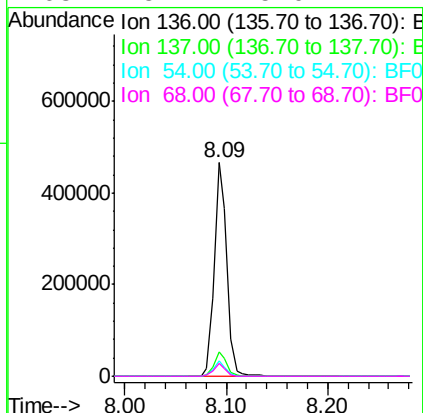
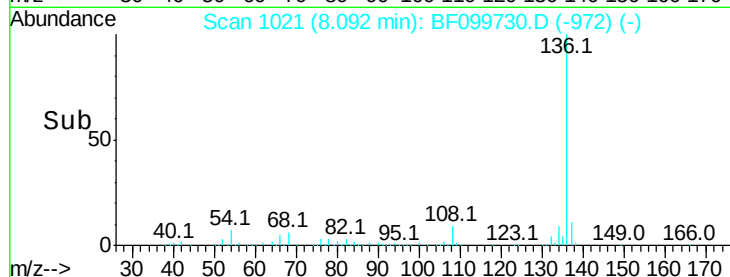
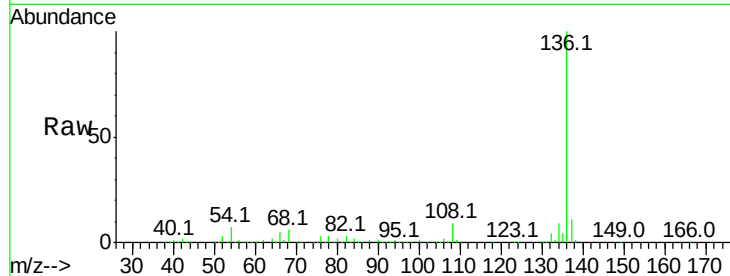
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099730.D
Acq: 21 Oct 2017 16:21

Instrument :
BNA_F
ClientSampleId :
20170723-C-A-COMP2

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	7.2	6.6	9.8	
68	5.7	5.0	7.4	

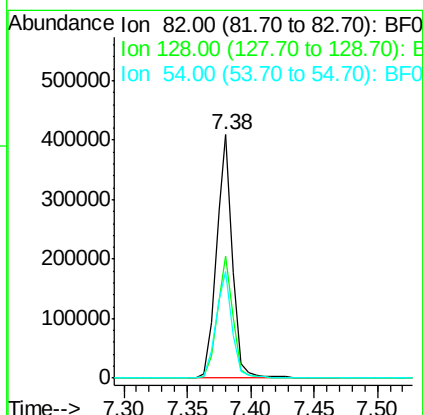
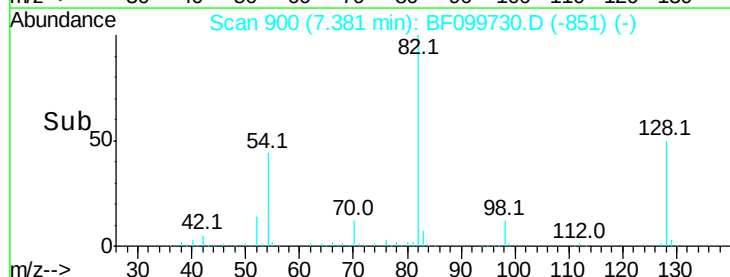
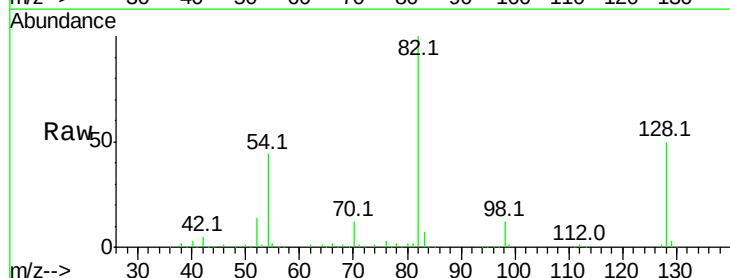
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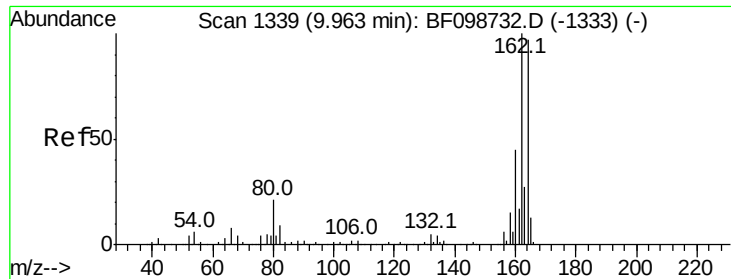
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#23
Nitrobenzene-d5
Concen: 58.133 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099730.D
Acq: 21 Oct 2017 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	50.1	36.1	54.1	
54	43.7	41.4	62.2	





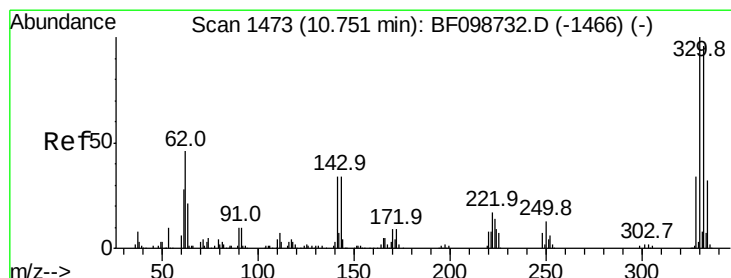
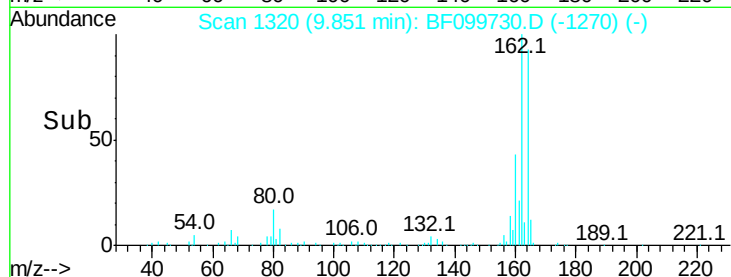
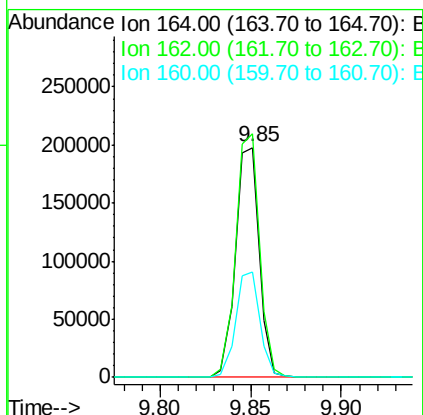
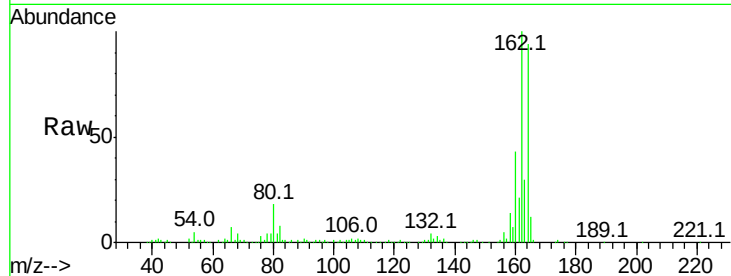
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF099730.D
Acq: 21 Oct 2017 16:21

Instrument :
BNA_F
ClientSampleId :
20170723-C-A-COMP2

Tot Ion	Ratio	Resp	Lower	Upper
164	100	181845		
162	106.0	86.1	129.1	
160	45.7	38.3	57.5	

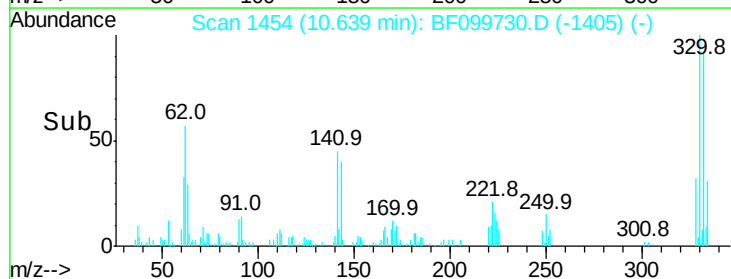
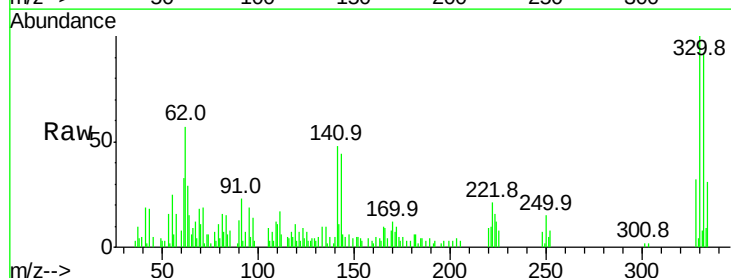
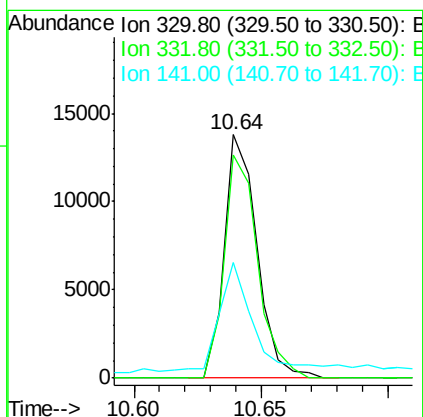
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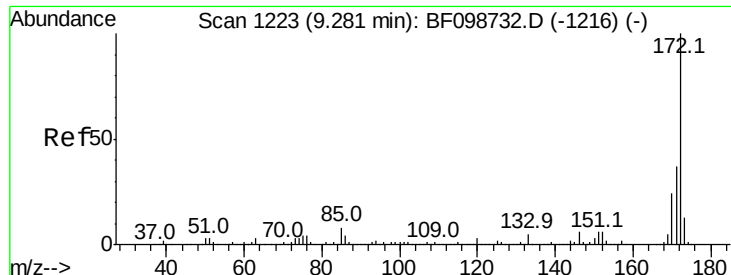
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#41
2,4,6-Tribromophenol
Concen: 8.307 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF099730.D
Acq: 21 Oct 2017 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	12361		
332	94.1	77.0	115.6	
141	52.7	29.9	44.9#	





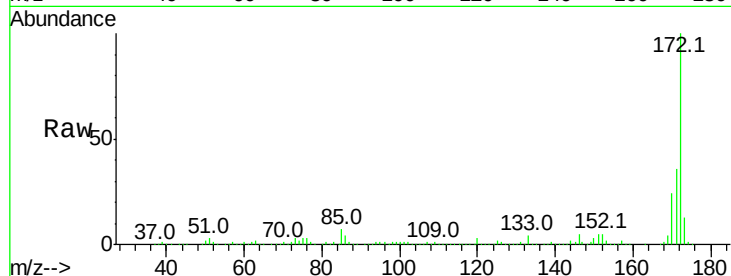
#44
2-Fluorobiphenyl
Concen: 56.957 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099730.D
Acq: 21 Oct 2017 16:21

Instrument :
BNA_F
ClientSampleId :
20170723-C-A-COMP2

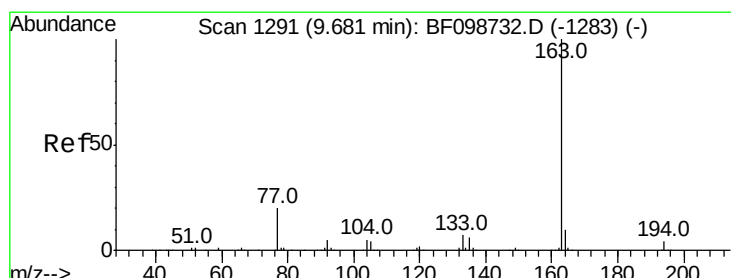
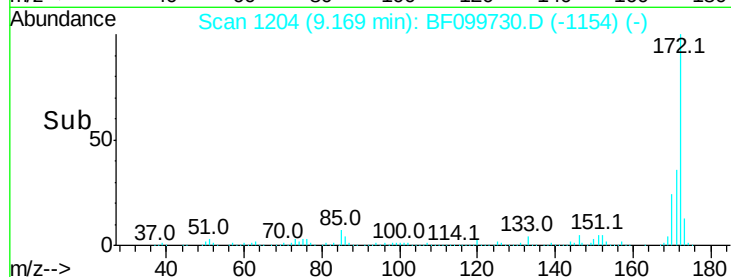
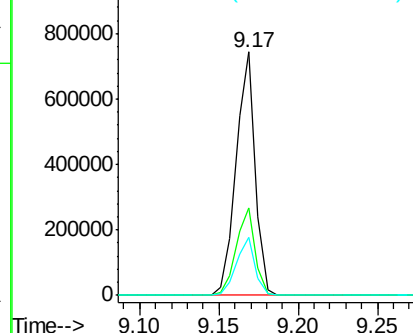
Tot Ion	Ratio	Resp	Lower	Upper
172	100	620412		
171	36.2		29.7	44.5
170	23.6		19.6	29.4

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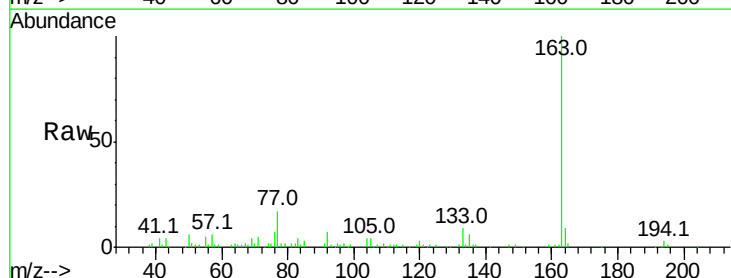


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

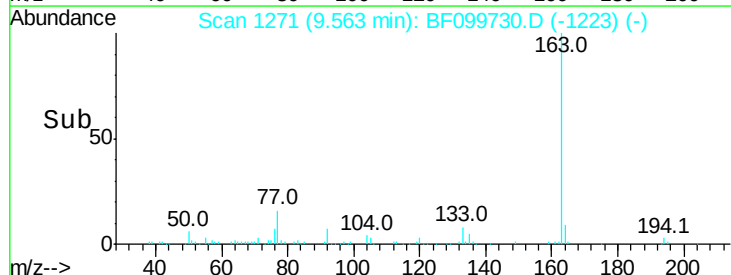
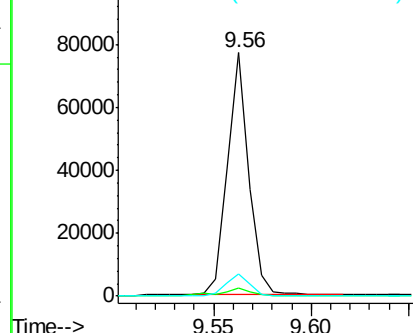


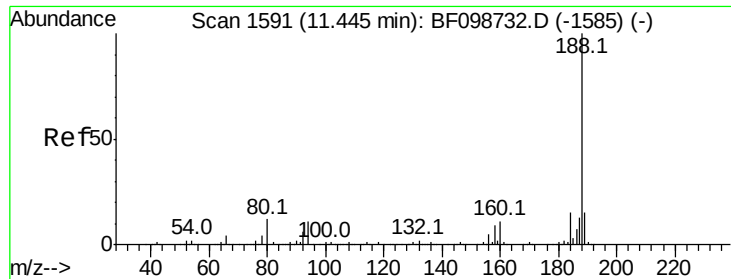
#49
Dimethylphthalate
Concen: 4.214 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099730.D
Acq: 21 Oct 2017 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	57841		
194	3.5		2.7	4.1
164	9.4		8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





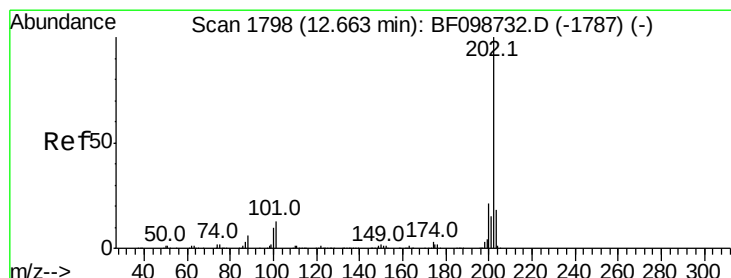
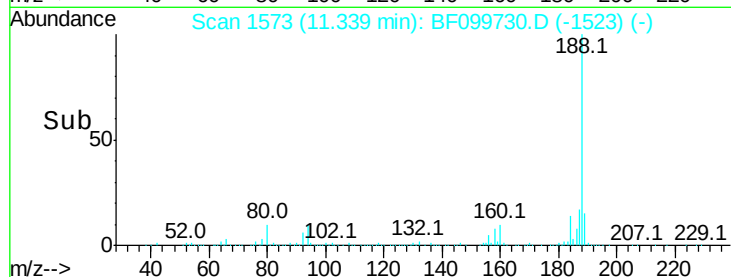
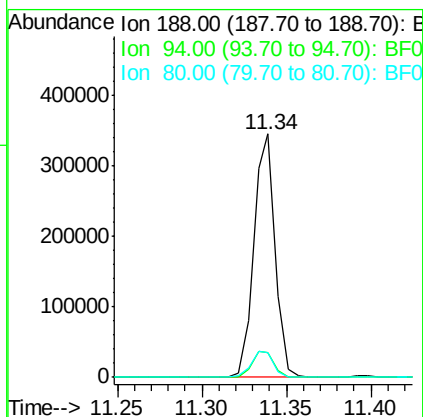
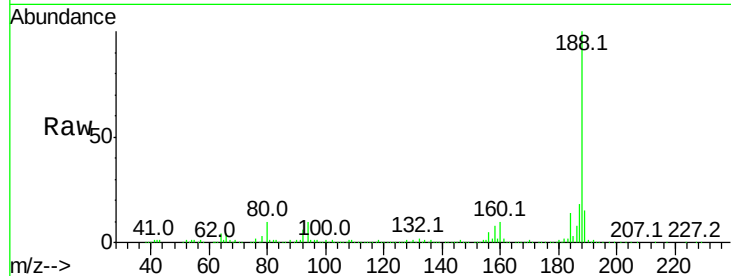
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099730.D
Acq: 21 Oct 2017 16:21

Instrument :
BNA_F
ClientSampleId :
20170723-C-A-COMP2

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.3	8.5	12.7	
80	10.0	9.2	13.8	

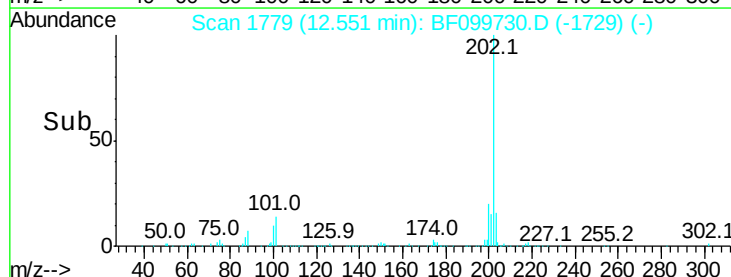
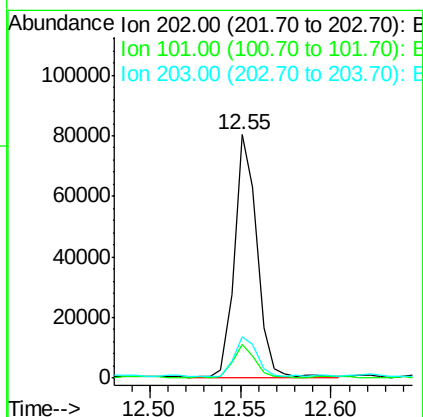
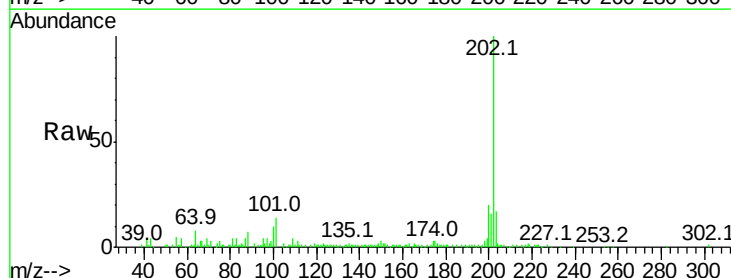
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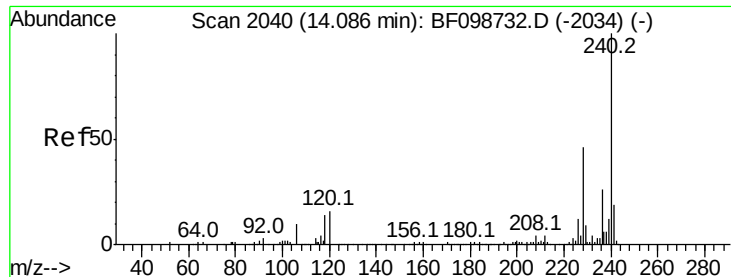
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#74
Fluoranthene
Concen: 4.175 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF099730.D
Acq: 21 Oct 2017 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.7	0.0	34.1	
203	16.8	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099730.D

Acq: 21 Oct 2017 16:21

Instrument :

BNA_F

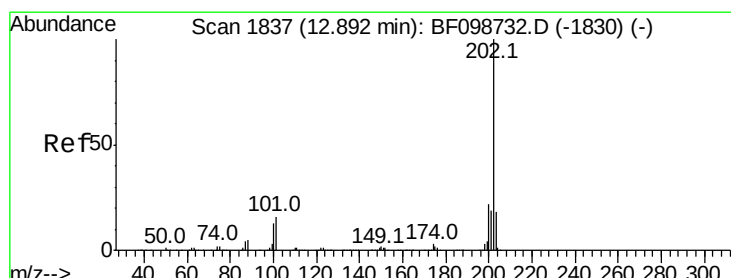
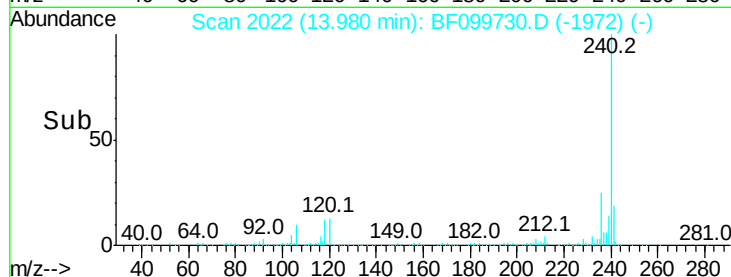
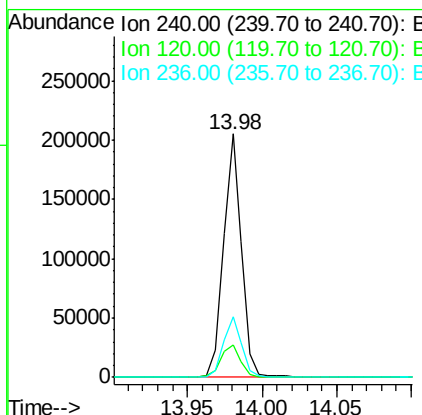
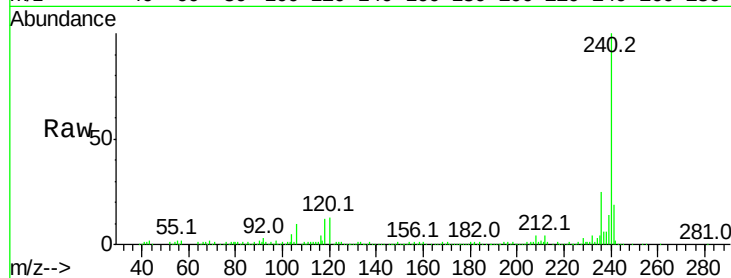
ClientSampleId :

20170723-C-A-COMP2

Tot Ion:	240	Resp:	174649
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	24.6	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 4.219 ng

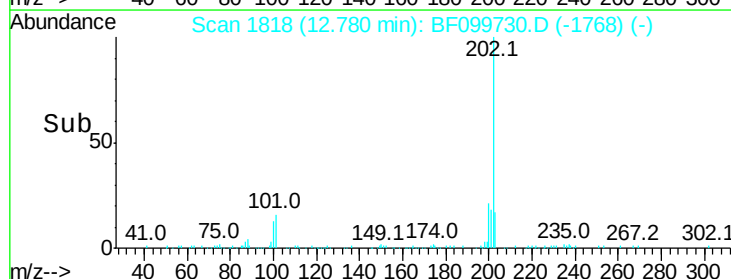
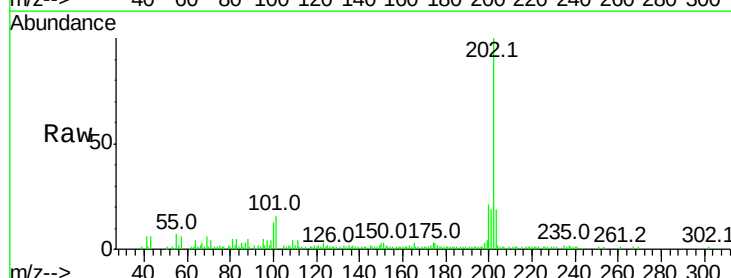
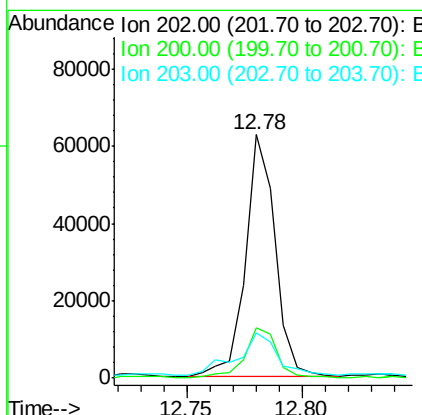
RT: 12.78 min Scan# 1818

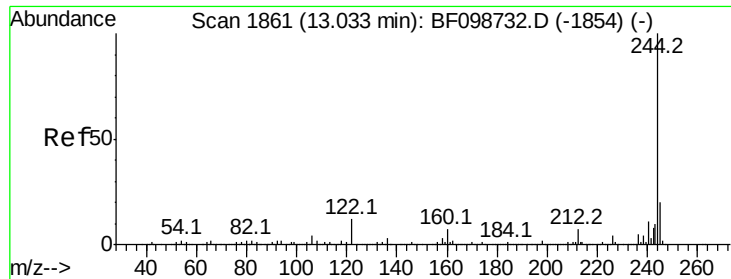
Delta R.T. -0.01 min

Lab File: BF099730.D

Acq: 21 Oct 2017 16:21

Tgt Ion:	202	Resp:	56193
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	18.8	14.3	21.5





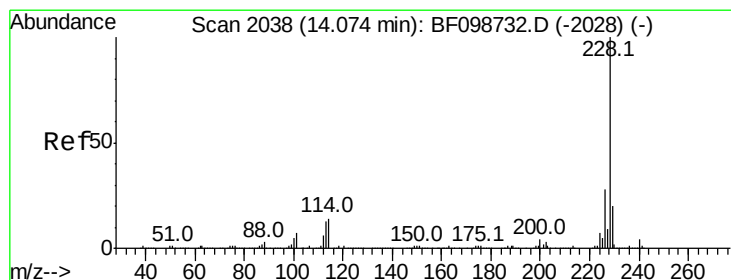
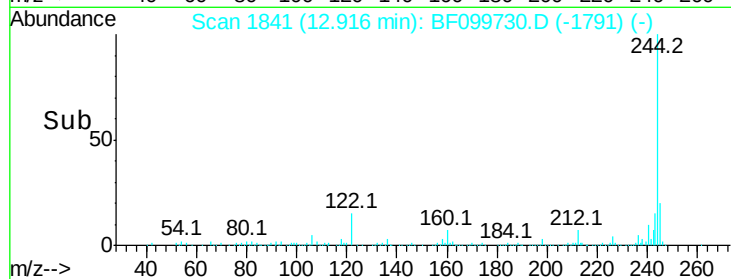
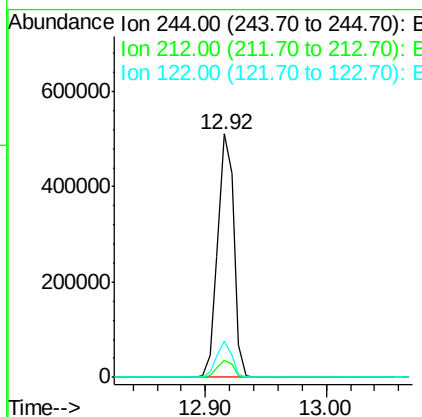
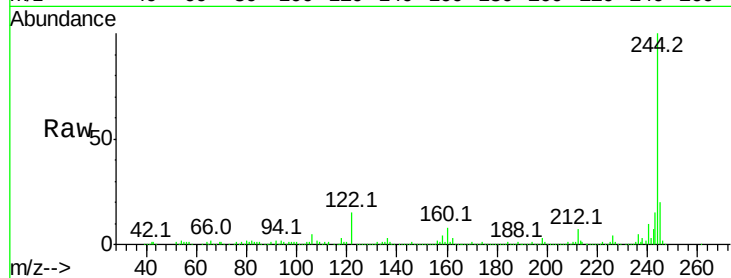
#78
 Terphenyl-d14
 Concen: 60.620 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099730.D
 Acq: 21 Oct 2017 16:21

Instrument :
 BNA_F
 ClientSampleId :
 20170723-C-A-COMP2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	15.0	11.0	16.4

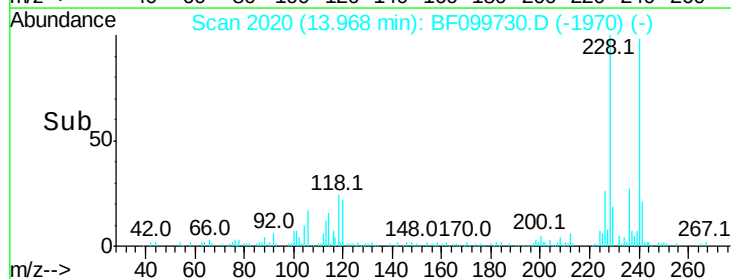
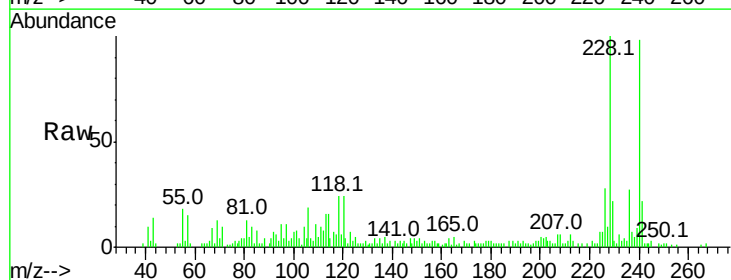
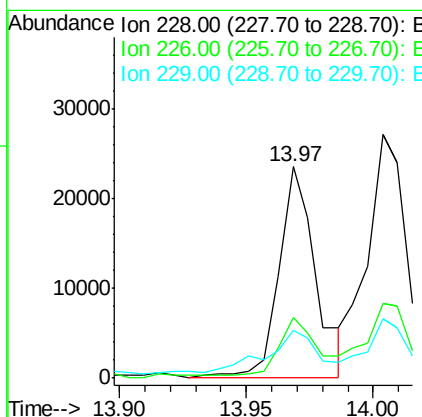
Manual Integrations
 APPROVED

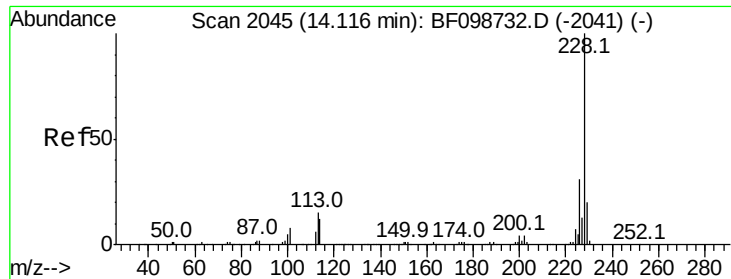
Sohil
 10/23/2017 3:31:24 PM



#80
 Benzo(a)anthracene
 Concen: 2.266 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF099730.D
 Acq: 21 Oct 2017 16:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	22.3	15.8	23.6





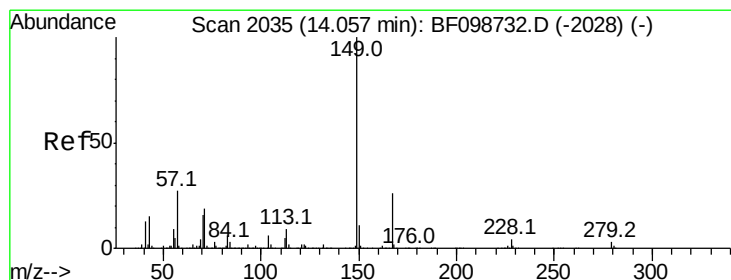
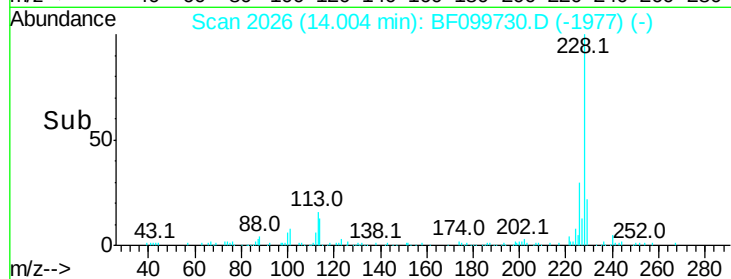
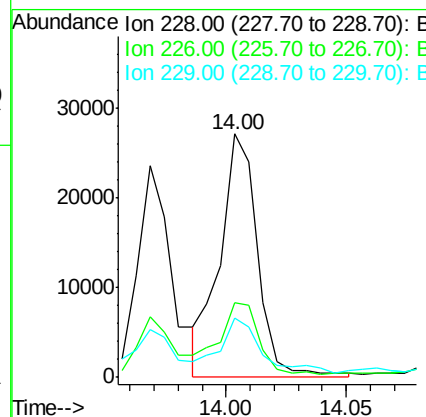
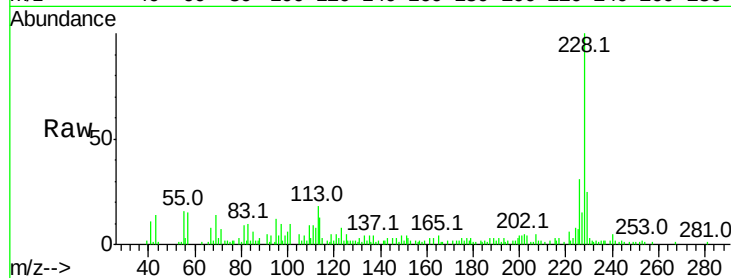
#82
 Chrysene
 Concen: 2.968 ng/ml
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF099730.D
 Acq: 21 Oct 2017 16:21

Instrument :
 BNA_F
 ClientSampleId :
 20170723-C-A-COMP2

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	24.6	16.2	24.4

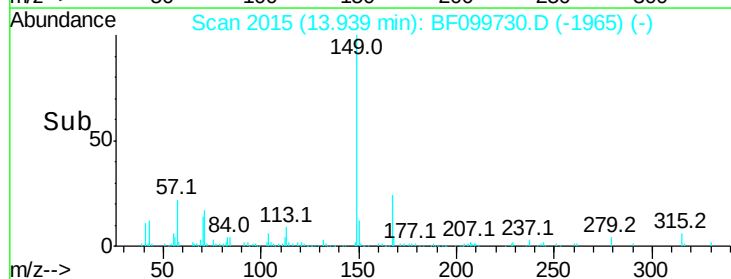
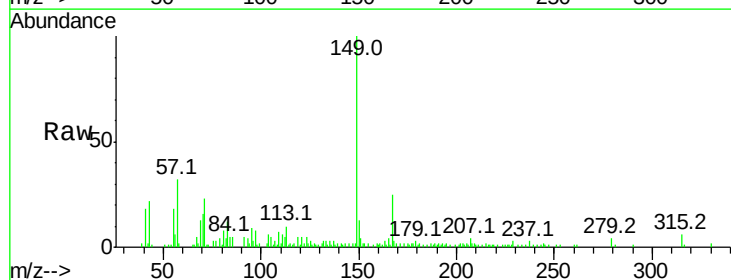
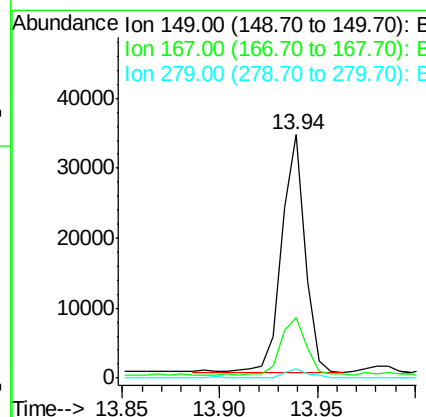
Manual Integrations
 APPROVED

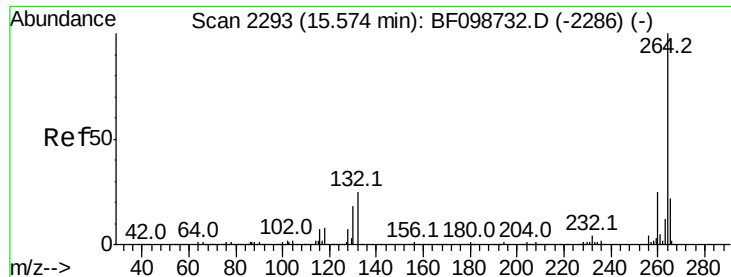
Sohil
 10/23/2017 3:31:24 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.245 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF099730.D
 Acq: 21 Oct 2017 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	21.3	31.9
279	3.7	3.0	4.4





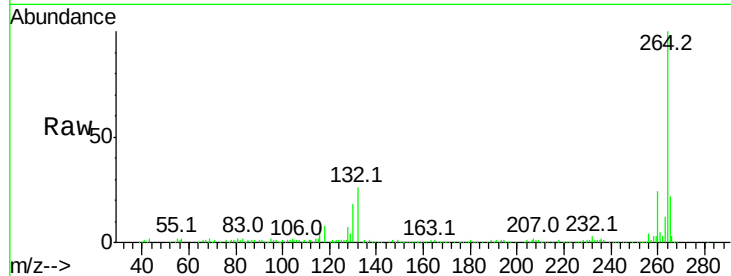
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF099730.D
Acq: 21 Oct 2017 16:21

Instrument :
BNA_F
ClientSampleId :
20170723-C-A-COMP2

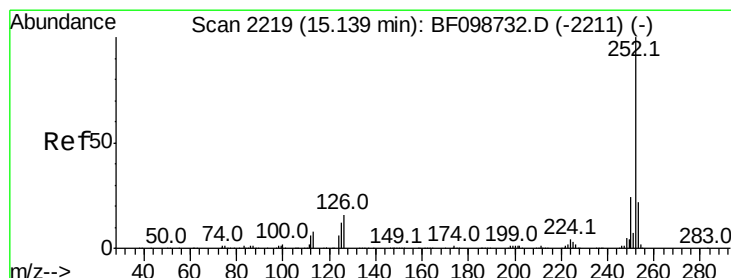
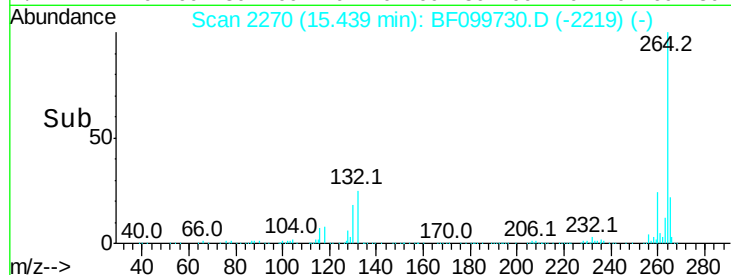
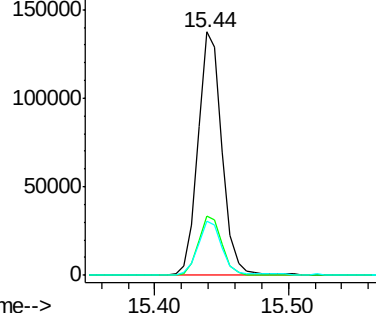
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.1	17.5	26.3

Manual Integrations
APPROVED

Sohil
10/23/2017 3:31:24 PM

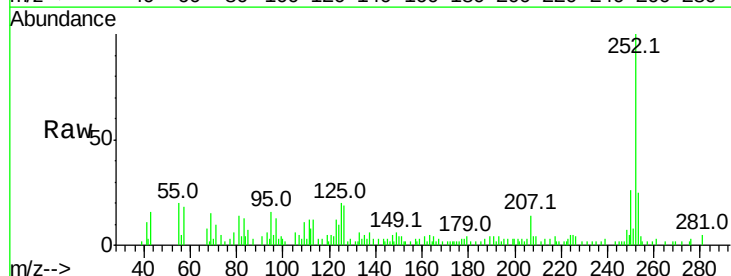


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 2.673 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF099730.D
Acq: 21 Oct 2017 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.0	25.6
125	19.7	9.0	13.6



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

