

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099773.D
 Acq On : 23 Oct 2017 21:49
 Operator : SJ/JU
 Sample : I5950-07RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170724-C-A-COMP3RE

Manual Integrations
 APPROVED

Sohil
 10/24/2017 8:41:19 PM

Quant Time: Oct 24 00:27:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:08:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	104295	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	443705	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	203745	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	315891	20.00	ng	0.00
75) Chrysene-d12	13.98	240	178178	20.00	ng	0.00
86) Perylene-d12	15.44	264	196103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	90759	13.66	ng	0.01
7) Phenol-d6	6.45	99	320653	40.71	ng	0.00
23) Nitrobenzene-d5	7.37	82	434858	63.10	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	18984	10.22	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	709625	53.74	ng	0.00
78) Terphenyl-d14	12.92	244	473927	58.13	ng	0.00
Target Compounds						
10) Phenol	6.46	94	27914	3.228	ng	92
49) Dimethylphthalate	9.56	163	68041	4.217	ng	99
74) Fluoranthene	12.55	202	56024	3.024	ng	98
77) Pyrene	12.78	202	47385	3.497	ng	98
80) Benzo(a)anthracene	13.97	228	25302	2.240	ng	96
82) Chrysene	14.00	228	23425	2.206	ng	96
83) Bis(2-ethylhexyl)phthalate	13.93	149	46451	4.958	ng	# 98
87) Benzo(b)fluoranthene	15.02	252	26735m	2.159	ng	

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

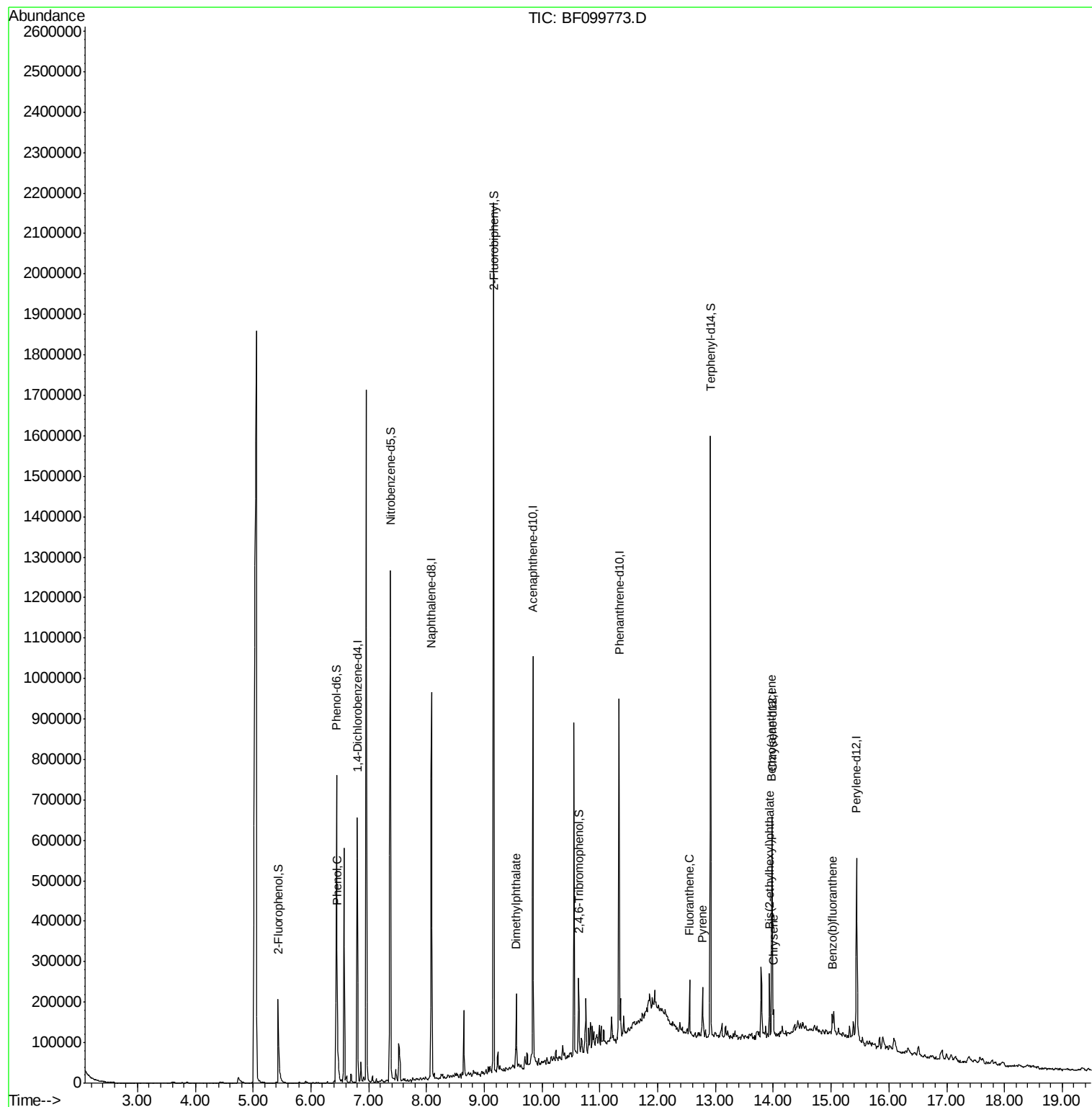
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
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Response via : Initial Calibration





#1

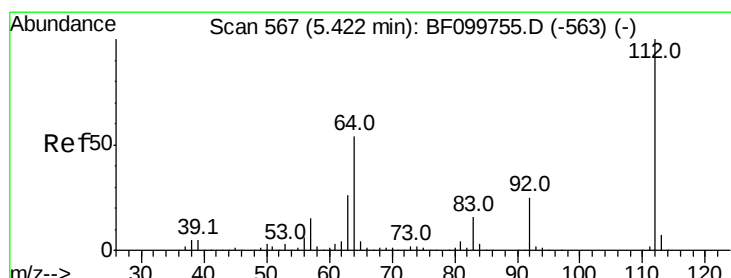
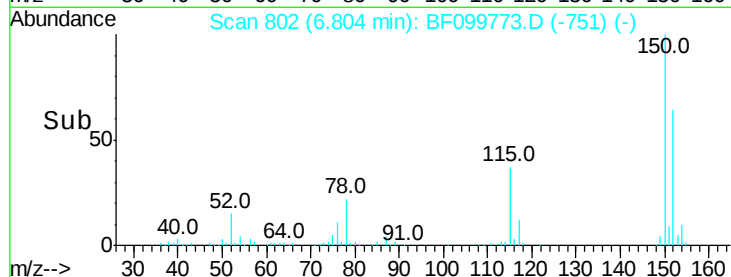
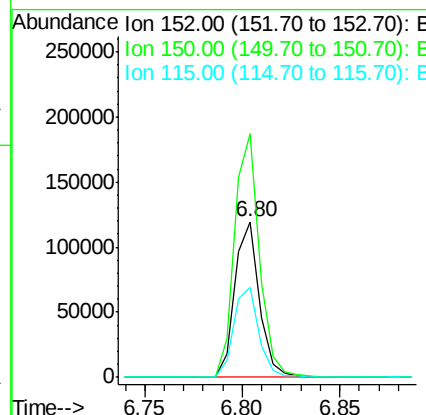
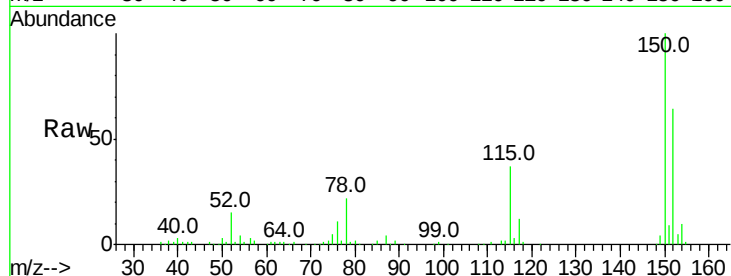
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	57.8	50.1	75.1

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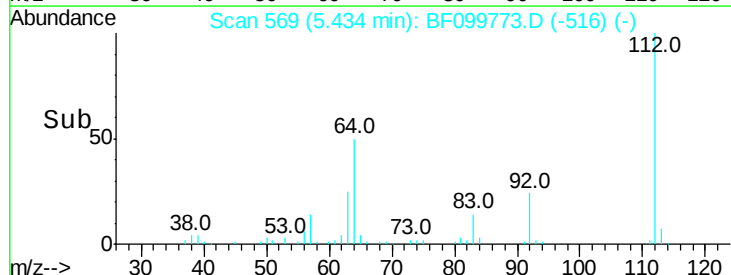
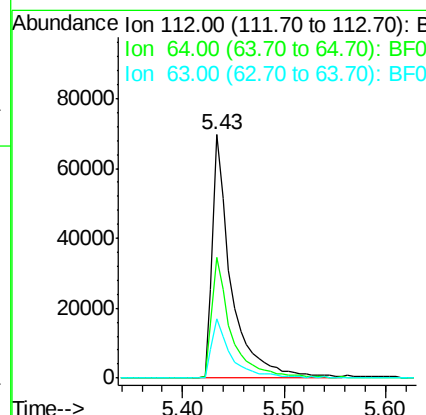
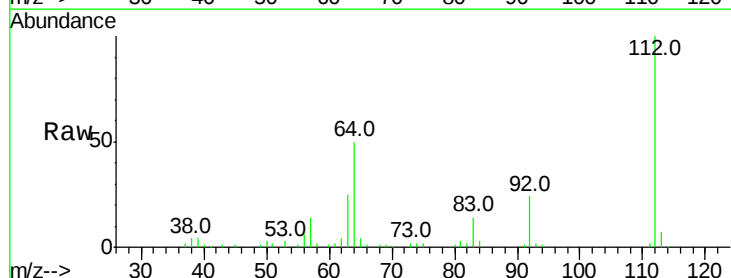
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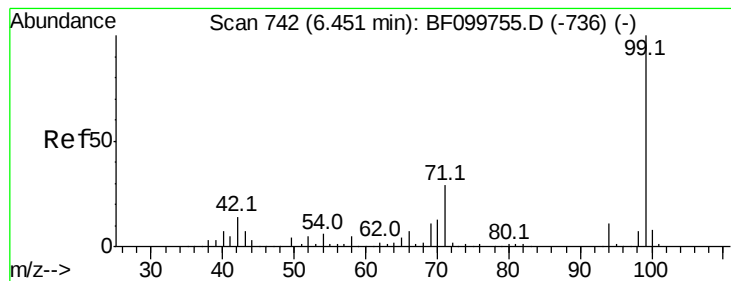


#5

2-Fluorophenol
Concen: 13.662 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.6	47.9	71.9
63	24.6	23.7	35.5





#7

Phenol-d6

Concen: 40.708 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099773.D

Acq: 23 Oct 2017 21:49

Instrument :

BNA_F

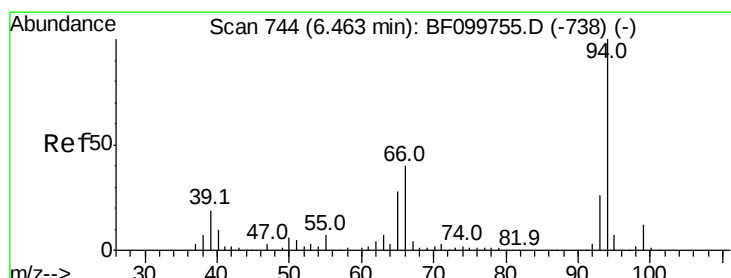
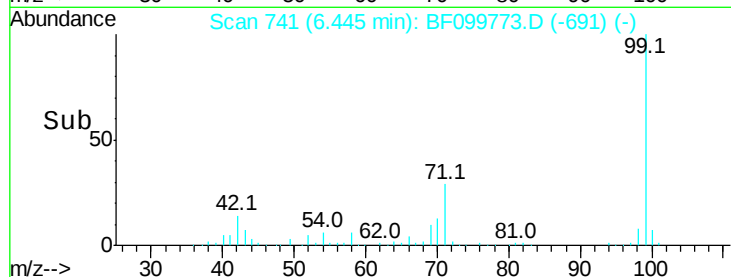
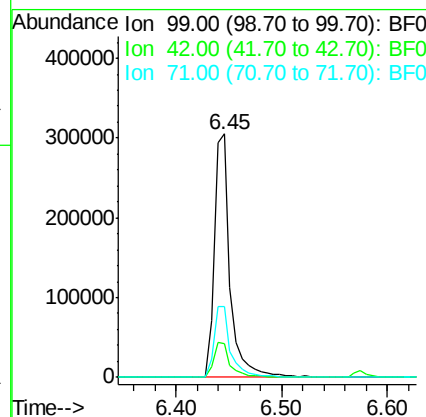
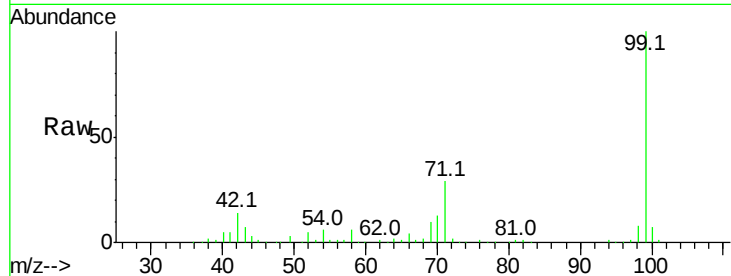
ClientSampleId :

20170724-C-A-COMP3RE

Tot Ion	Ratio	Resp	Lower	Upper
99	100	320653		
42	13.6		14.5	21.7#
71	29.0		25.4	38.0

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#10

Phenol

Concen: 3.228 ng

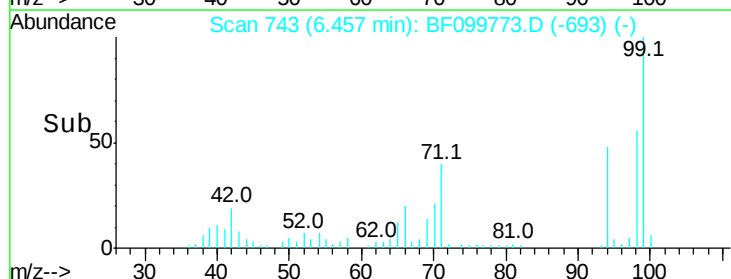
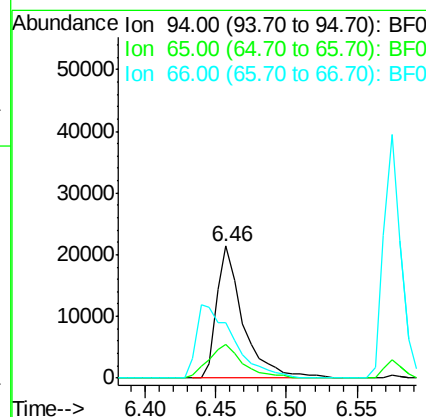
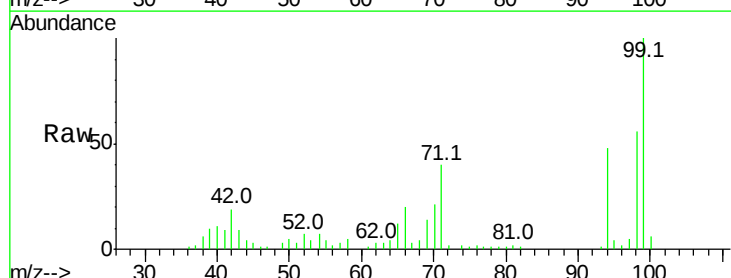
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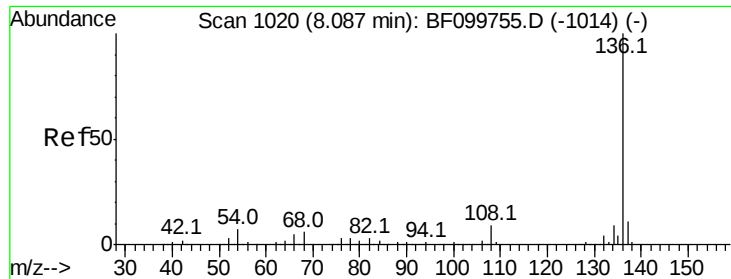
Delta R.T. -0.01 min

Lab File: BF099773.D

Acq: 23 Oct 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	27914		
65	25.8		7.9	47.9
66	42.5		16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099773.D

Acq: 23 Oct 2017 21:49

Instrument :

BNA_F

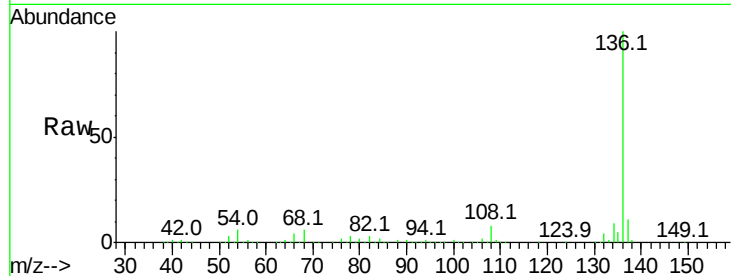
ClientSampleId :

20170724-C-A-COMP3RE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	6.2	6.6	9.8	
68	5.5	5.0	7.4	

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Abundance Ion 136.00 (135.70 to 136.70): E

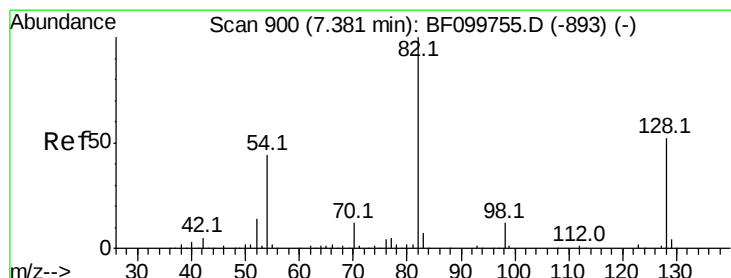
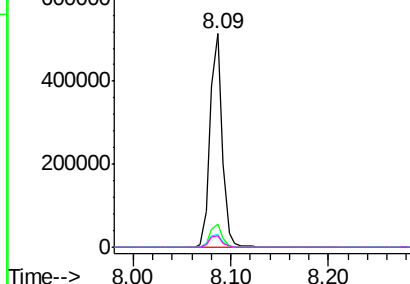
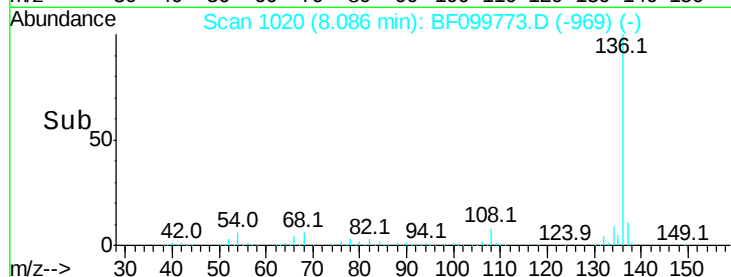
800000

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

600000



#23

Nitrobenzene-d5

Concen: 63.097 ng

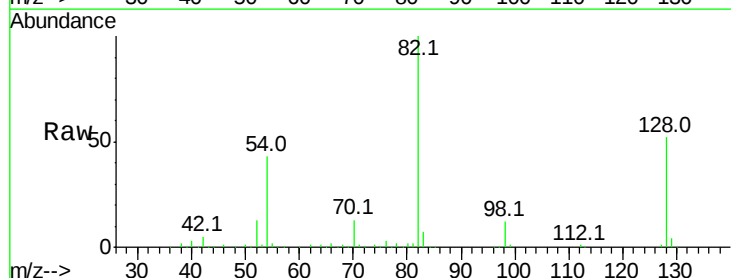
RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099773.D

Acq: 23 Oct 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	52.4	36.1	54.1	
54	43.2	41.4	62.2	



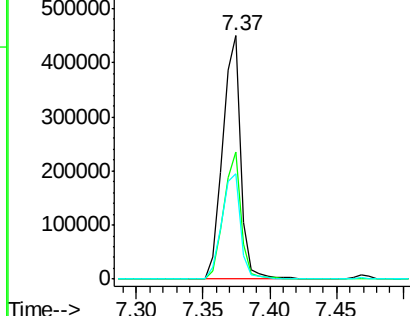
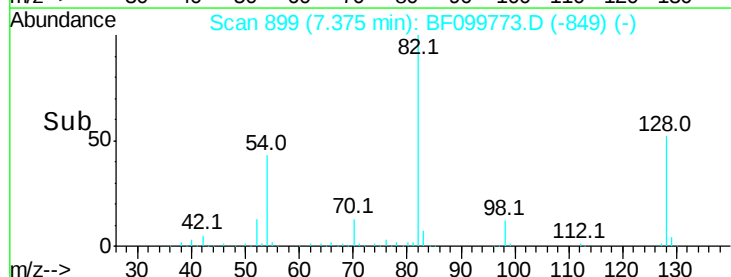
Abundance Ion 82.00 (81.70 to 82.70): BF0

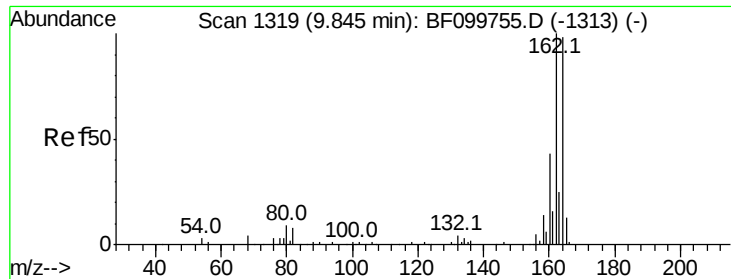
600000

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

500000





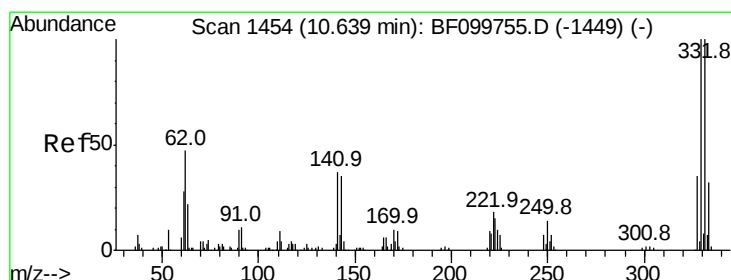
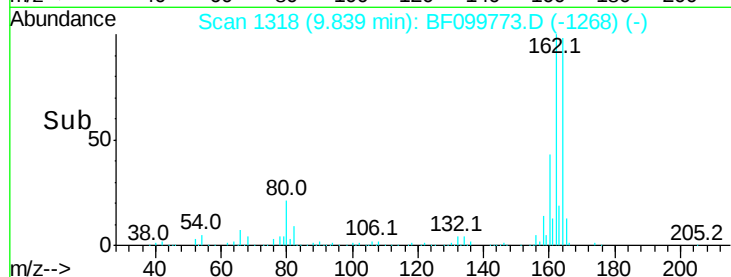
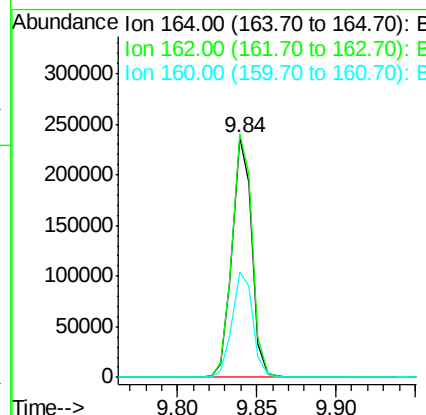
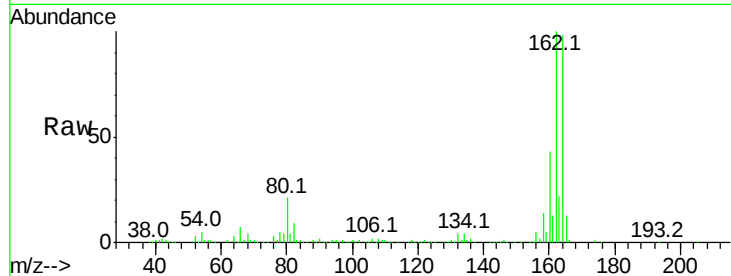
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3RE

Tot Ion	Ratio	Resp	Lower	Upper
164	100	203745		
162	101.7	86.1	129.1	
160	43.9	38.3	57.5	

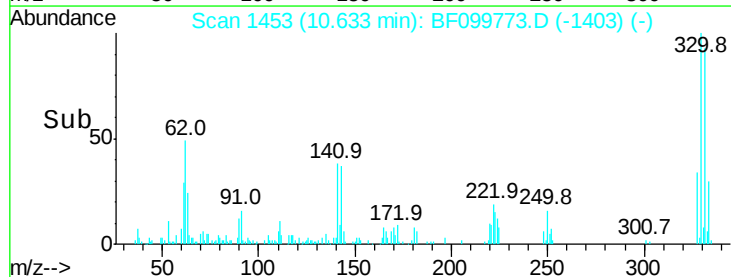
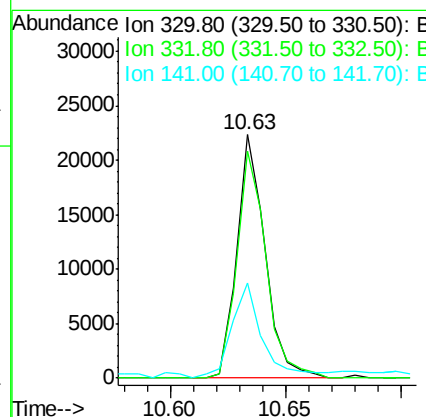
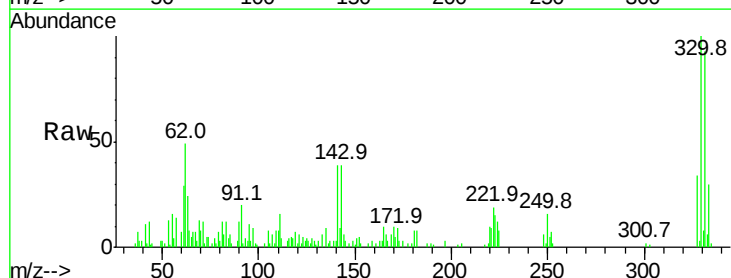
Manual Integrations
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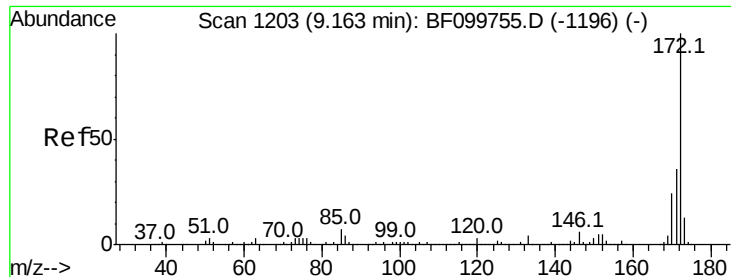
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#41
2,4,6-Tribromophenol
Concen: 10.224 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	18984		
332	96.8	77.0	115.6	
141	43.4	29.9	44.9	





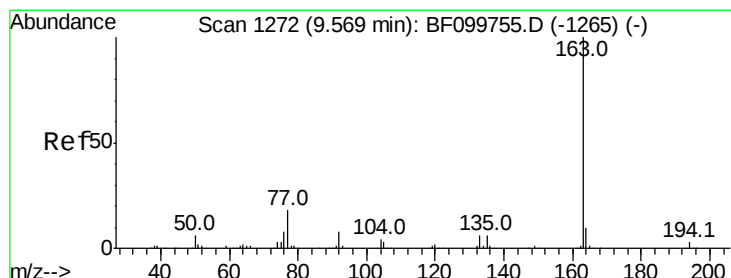
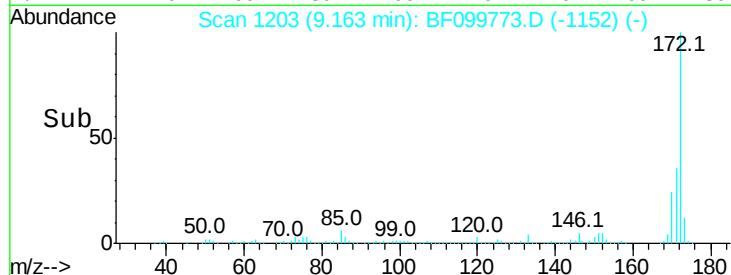
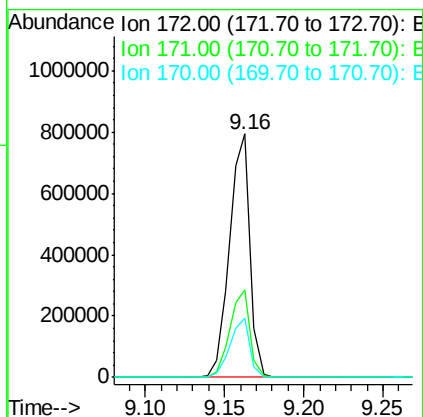
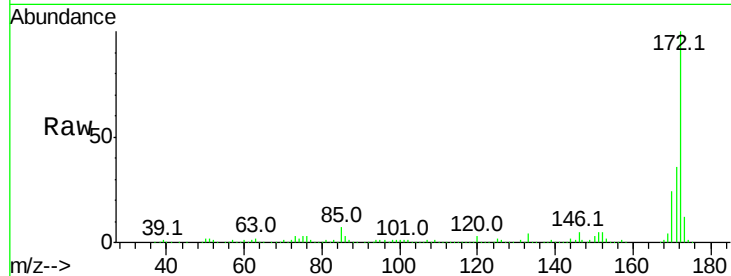
#44
2-Fluorobiphenyl
Concen: 53.736 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3RE

Tot Ion	Ratio	Resp	Lower	Upper
172	100	709625		
171	36.1		29.7	44.5
170	24.2		19.6	29.4

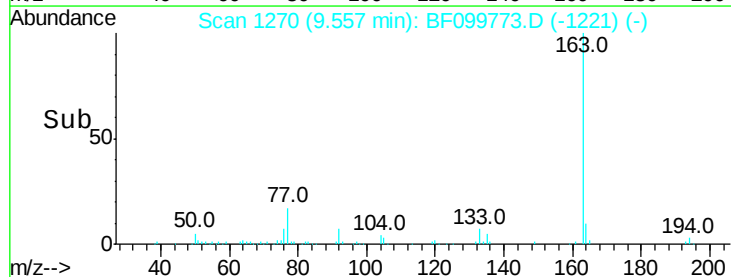
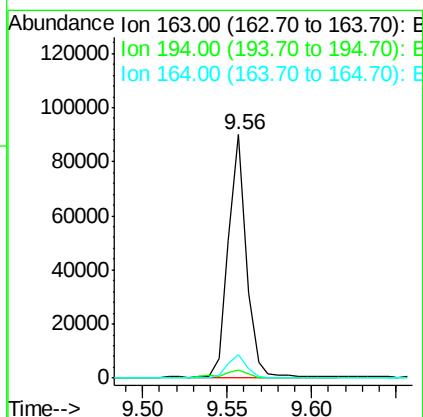
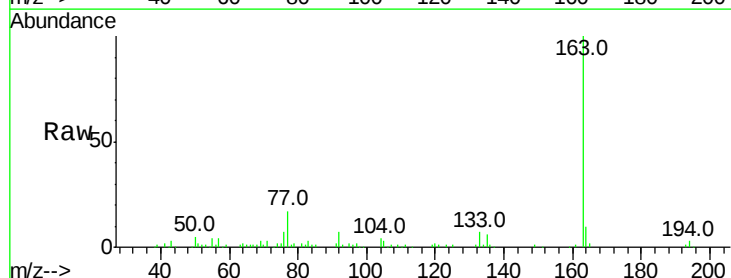
Manual Integrations
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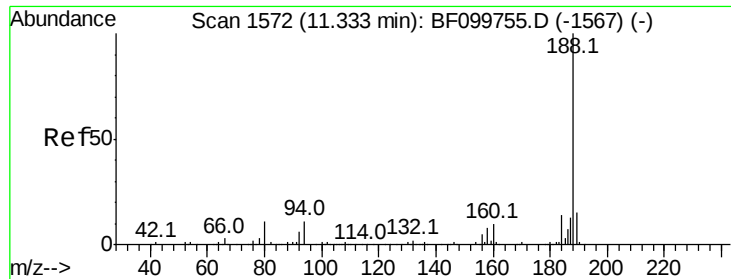
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#49
Dimethylphthalate
Concen: 4.217 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	68041		
194	3.5		2.7	4.1
164	9.5		8.2	12.2





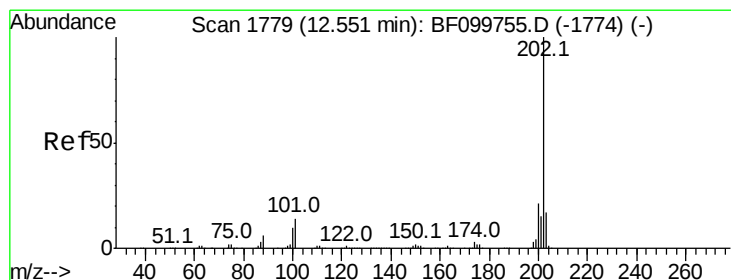
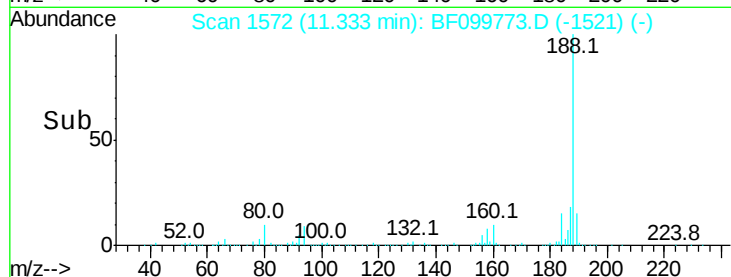
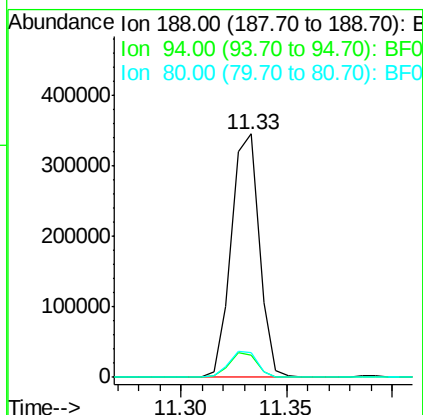
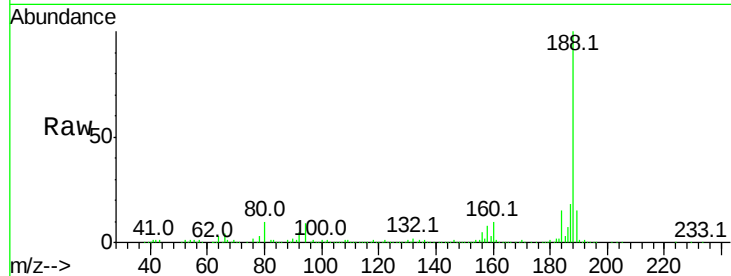
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Instrument :
BNA_F
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20170724-C-A-COMP3RE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.0	8.5	12.7
80	10.2	9.2	13.8

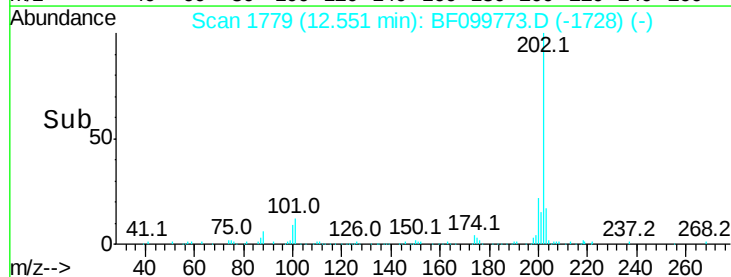
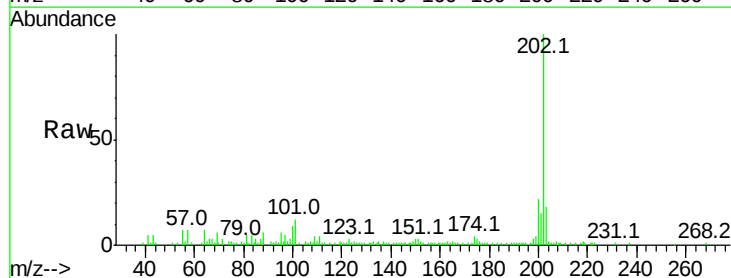
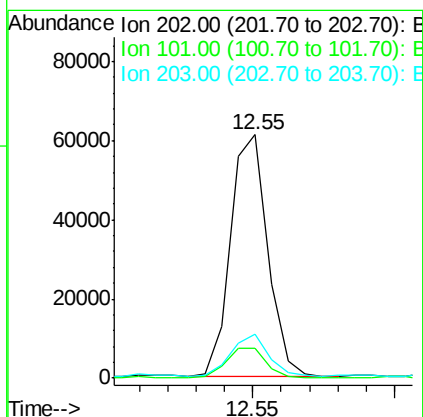
Manual Integrations
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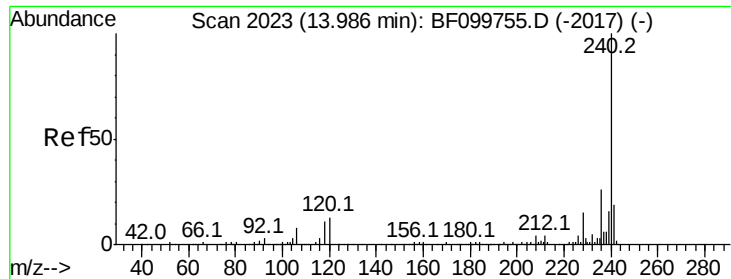
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#74
Fluoranthene
Concen: 3.024 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	34.1
203	18.1	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: BF099773.D

Acq: 23 Oct 2017 21:49

Instrument :

BNA_F

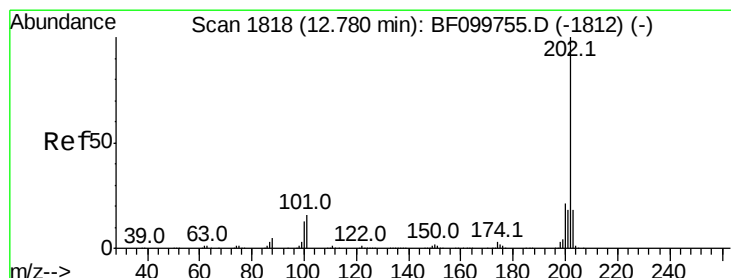
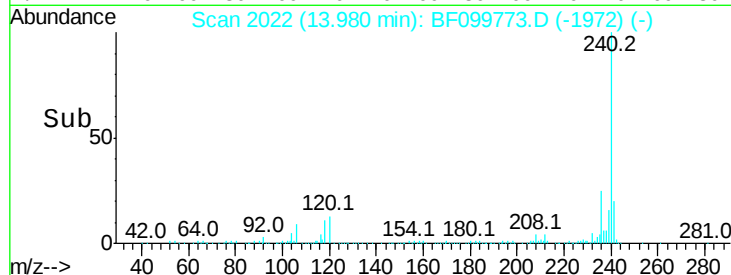
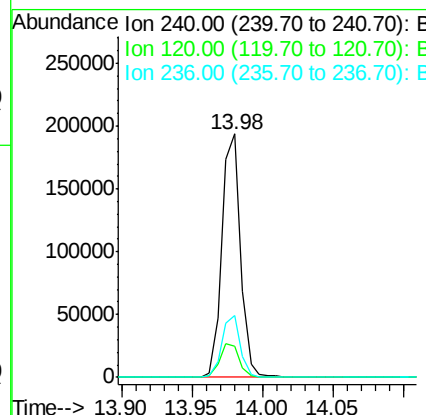
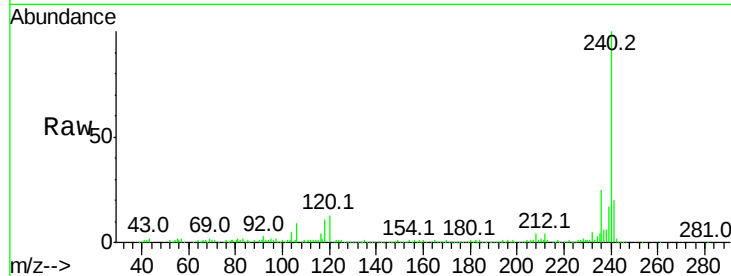
ClientSampleId :

20170724-C-A-COMP3RE

Tot Ion:	240	Resp:	178178
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.5	14.3
236	25.3	20.7	31.1

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#77

Pyrene

Concen: 3.497 ng

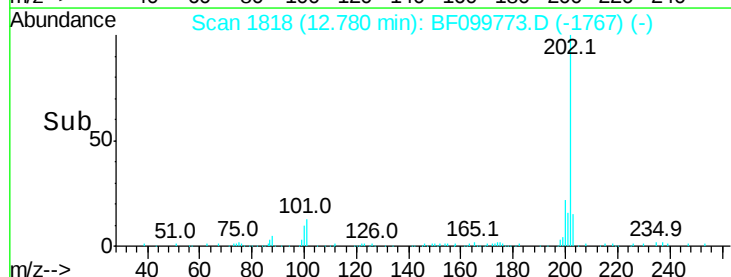
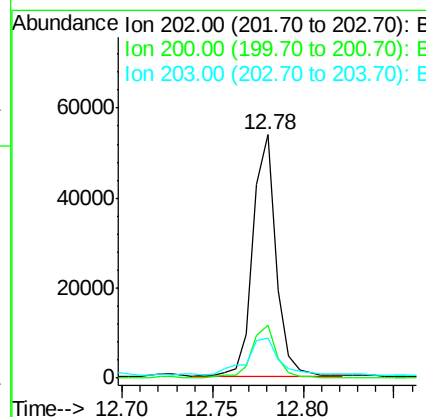
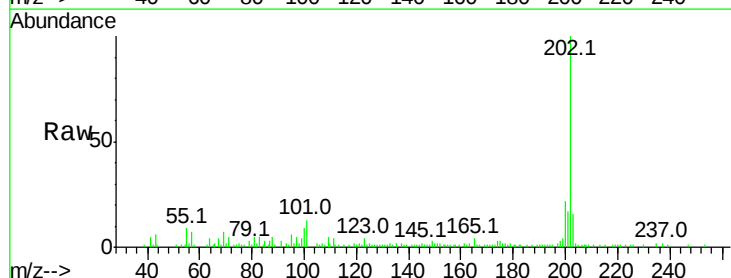
RT: 12.78 min Scan# 1818

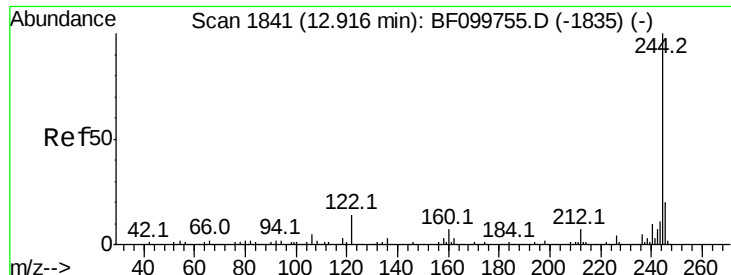
Delta R.T. -0.00 min

Lab File: BF099773.D

Acq: 23 Oct 2017 21:49

Tgt Ion:	202	Resp:	47385
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	16.4	14.3	21.5





#78

Terphenyl-d14

Concen: 58.128 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF099773.D

Acq: 23 Oct 2017 21:49

Instrument :

BNA_F

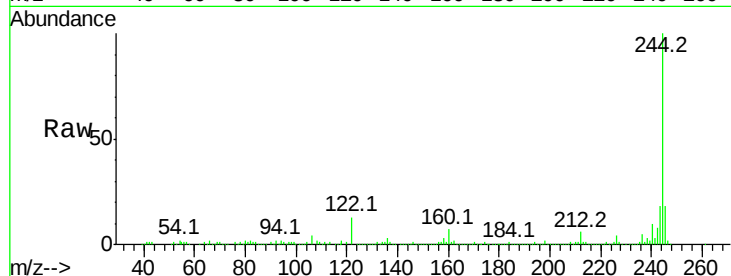
ClientSampleId :

20170724-C-A-COMP3RE

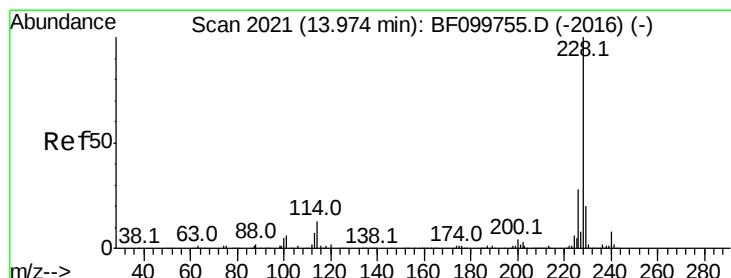
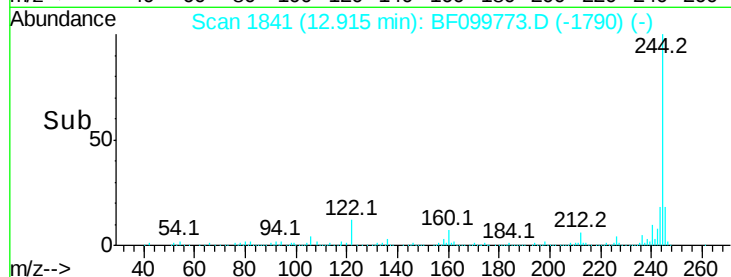
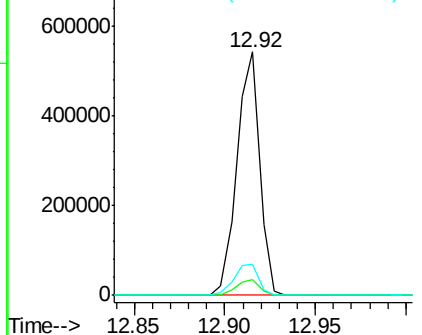
Tot Ion:	244	Resp:	473927
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	12.5	11.0	16.4

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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: 2.240 ng

RT: 13.97 min Scan# 2020

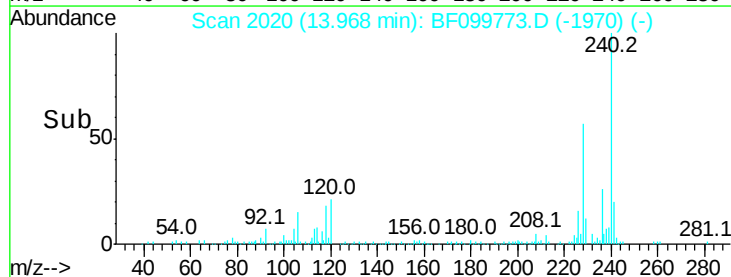
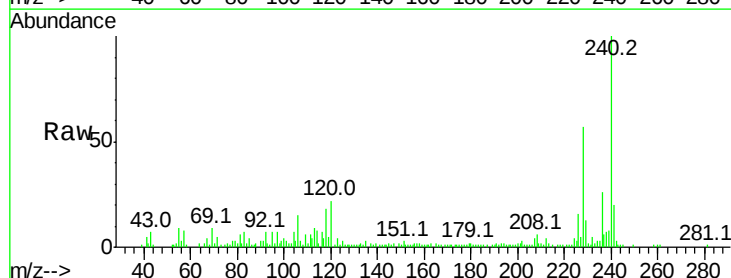
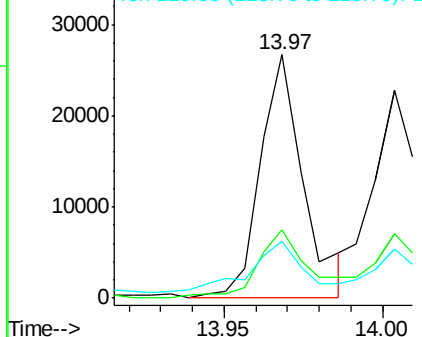
Delta R.T. -0.01 min

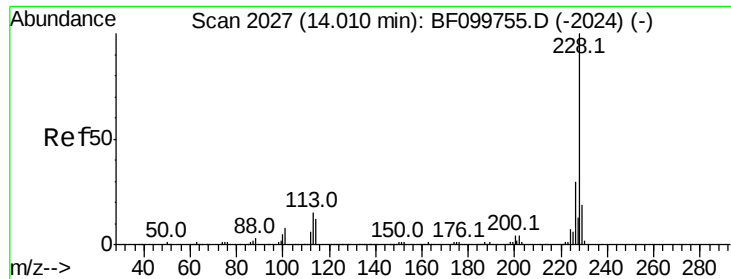
Lab File: BF099773.D

Acq: 23 Oct 2017 21:49

Tgt Ion:	228	Resp:	25302
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	23.4	15.8	23.6

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





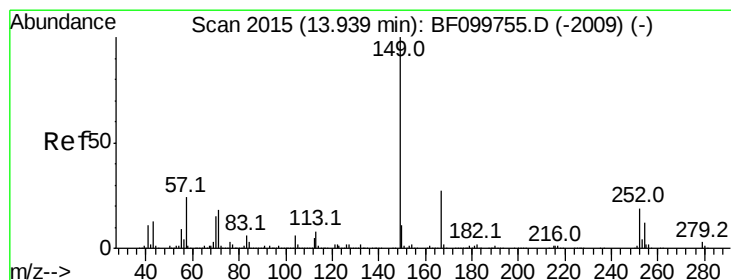
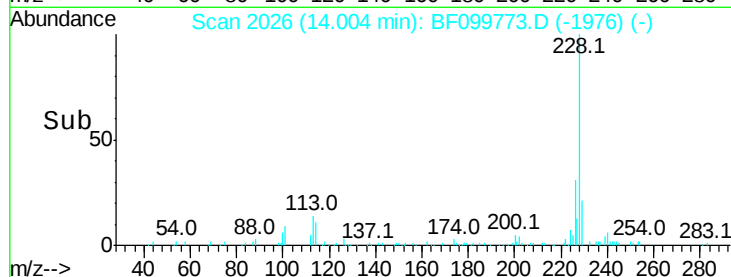
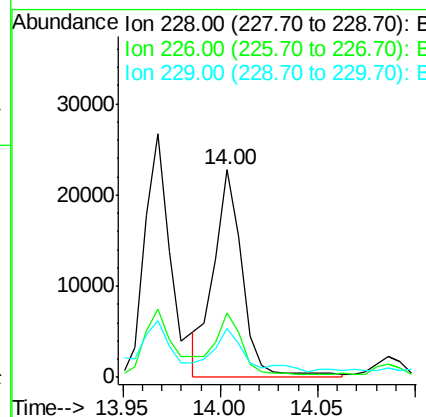
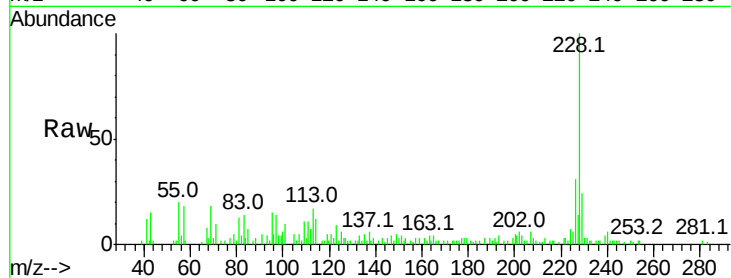
#82
Chrysene
Concen: 2.206 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	23.9	16.2	24.4

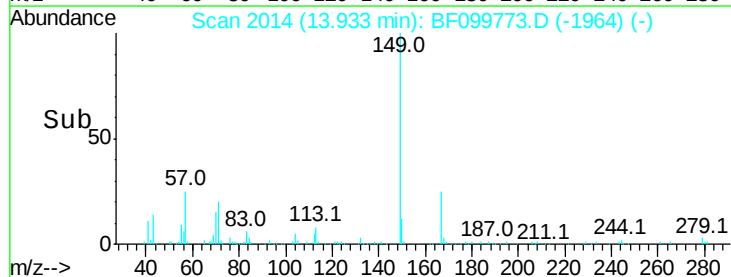
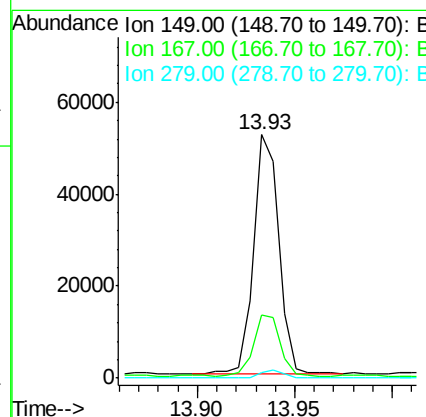
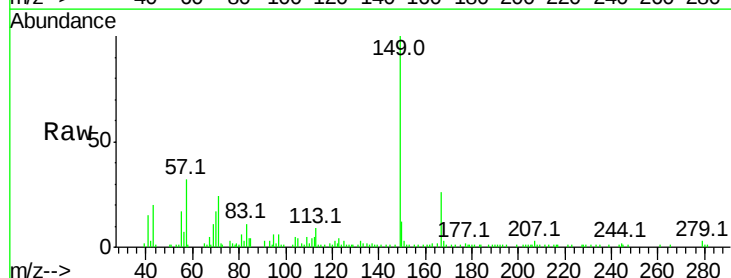
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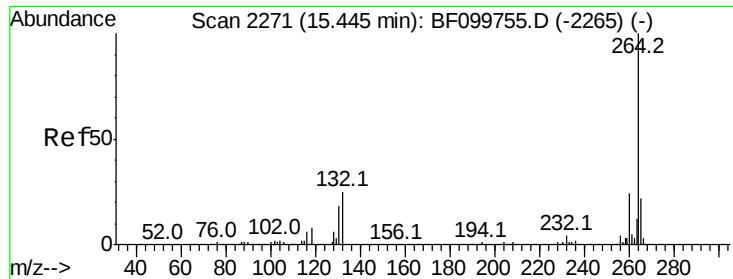
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#83
Bis(2-ethylhexyl)phthalate
Concen: 4.958 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	2.5	3.0	4.4#





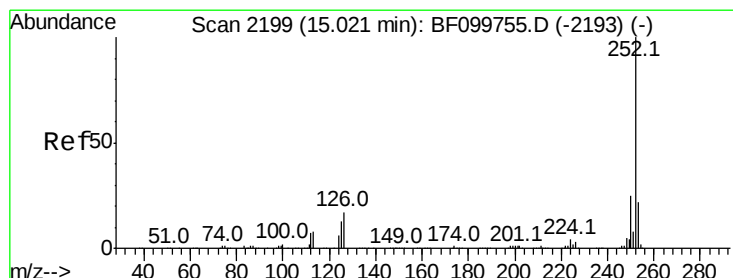
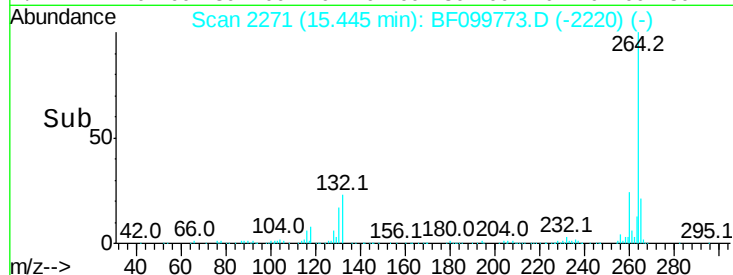
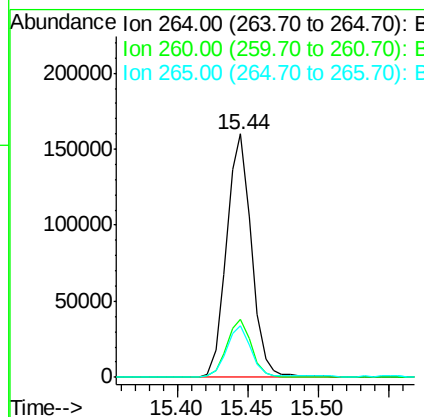
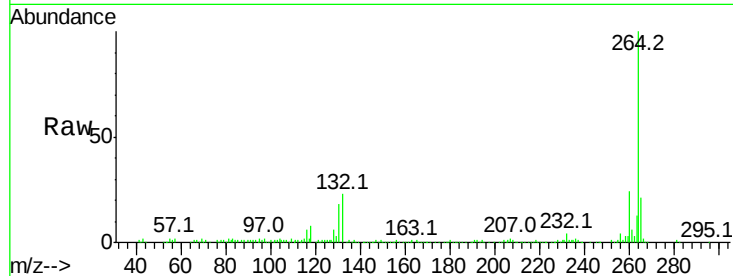
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.0	17.5	26.3

Manual Integrations
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#87
Benzo(b)fluoranthene
Concen: 2.159 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF099773.D
Acq: 23 Oct 2017 21:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	19.9	9.0	13.6#

