

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095967.D
 Acq On : 16 Jun 2017 21:22
 Operator : SJ/MA
 Sample : I3689-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAYWAY-SWITCH-B

Manual Integrations
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Quant Time: Jun 17 00:19:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	68929	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	278111	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	125669	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	205210	20.00	ng	0.00
75) Chrysene-d12	18.29	240	134300	20.00	ng	-0.01
86) Perylene-d12	19.96	264	136335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	421606	97.46	ng	0.00
7) Phenol-d6	6.89	99	511868	98.84	ng	-0.02
23) Nitrobenzene-d5	8.24	82	296182	66.14	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	96603	86.88	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	548489	60.74	ng	-0.01
78) Terphenyl-d14	16.94	244	332694	61.48	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.83	163	71916	7.54	ng	99
70) Phenanthrene	14.60	178	25516	2.15	ng	94
74) Fluoranthene	16.40	202	32479	2.77	ng	96
77) Pyrene	16.70	202	28424	2.84	ng	96

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

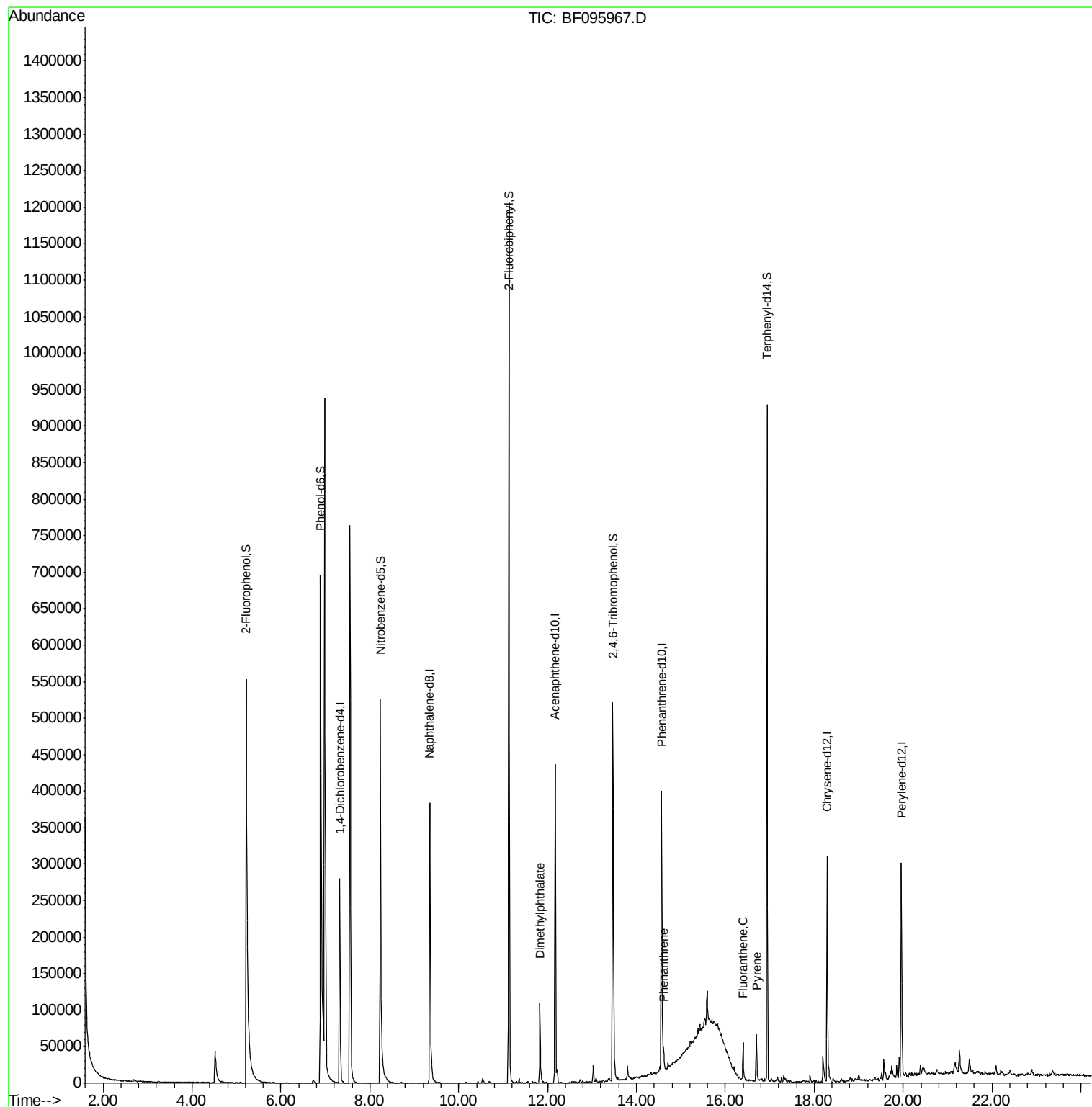
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095967.D
Acq On : 16 Jun 2017 21:22
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#1

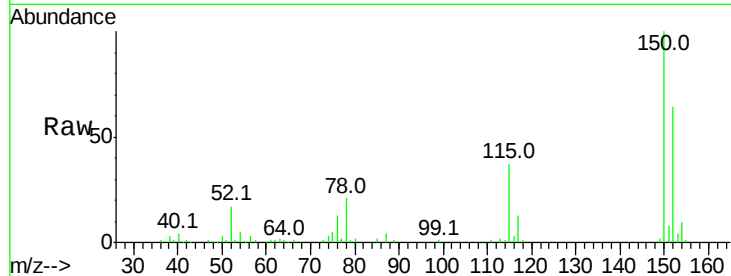
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095967.D
Acq: 16 Jun 2017 21:22

Instrument :
BNA_F
ClientSampleId :
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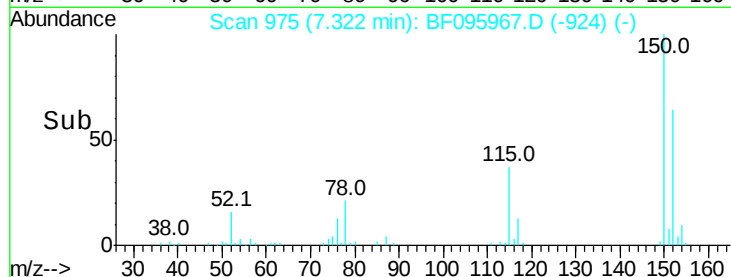
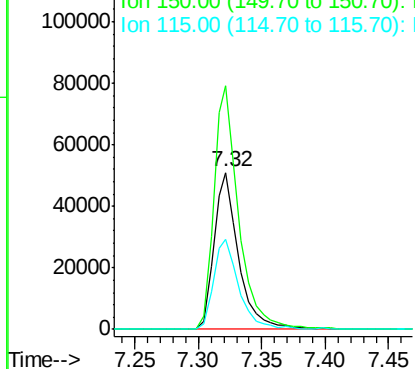
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.2
115	57.5	52.2	78.2

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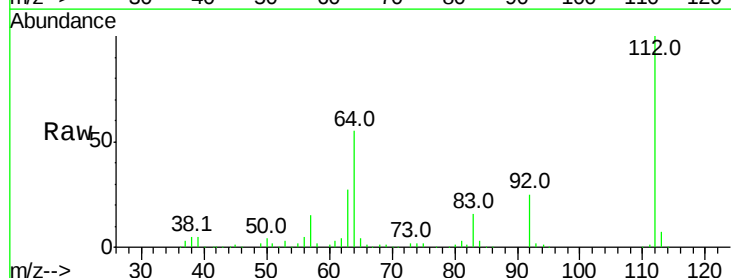
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



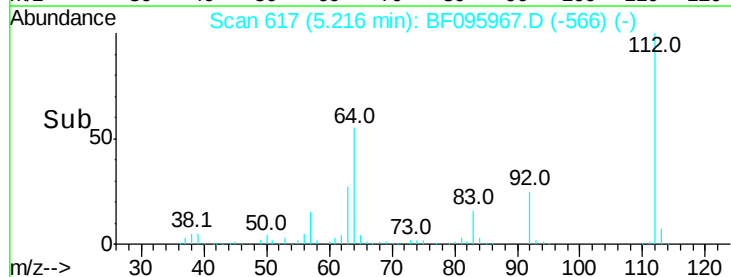
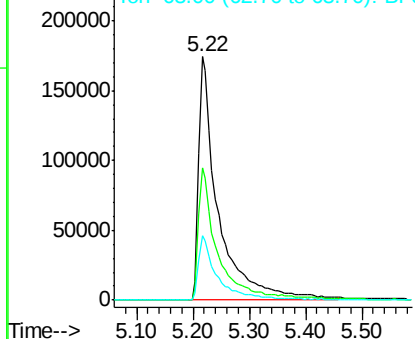
#5

2-Fluorophenol
Concen: 97.46 ng
RT: 5.22 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF095967.D
Acq: 16 Jun 2017 21:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	26.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.84 ng

RT: 6.89 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF095967.D

Acq: 16 Jun 2017 21:22

Instrument :

BNA_F

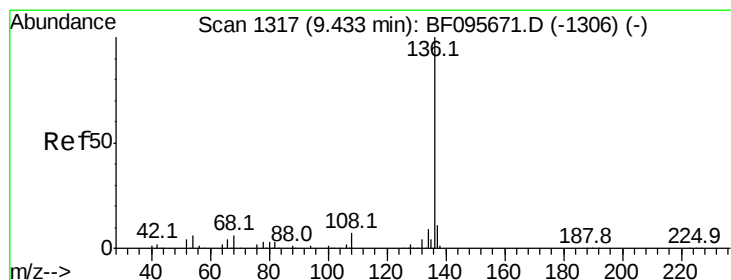
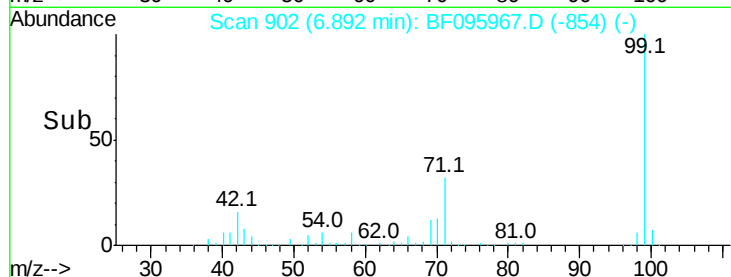
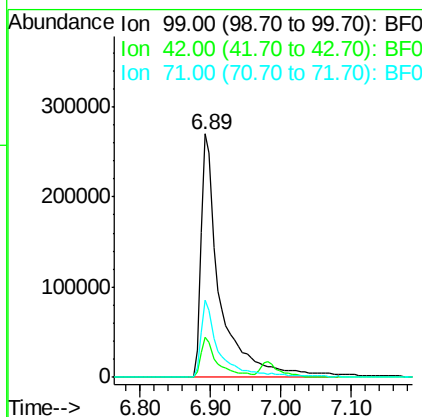
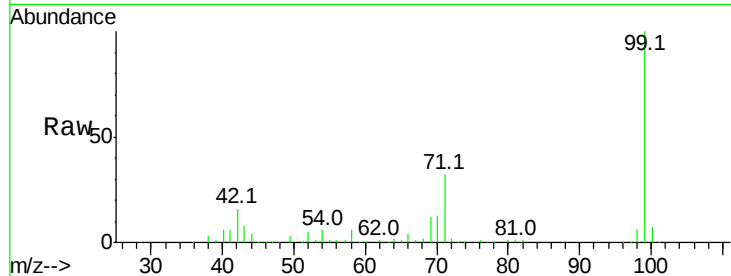
ClientSampleId :

BAYWAY-SWITCH-B

Tot Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	31.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

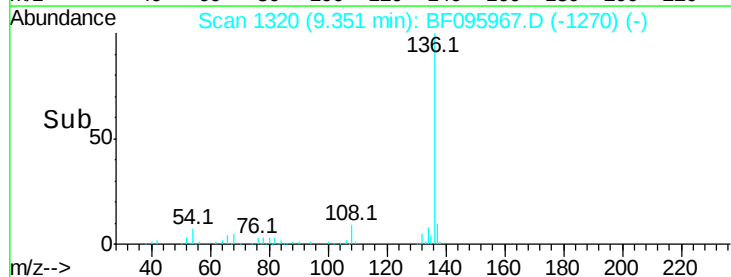
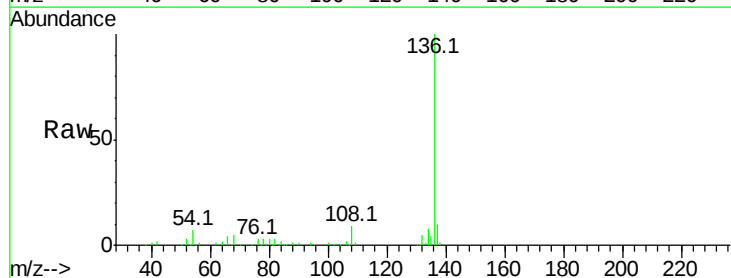
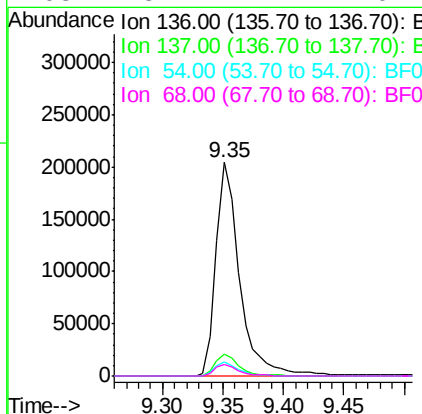
RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095967.D

Acq: 16 Jun 2017 21:22

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.9	4.9	7.3
68	5.2	4.1	6.1





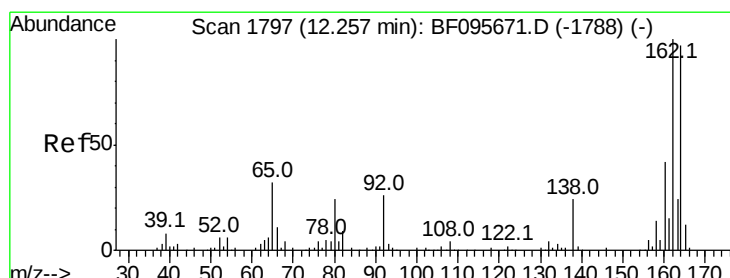
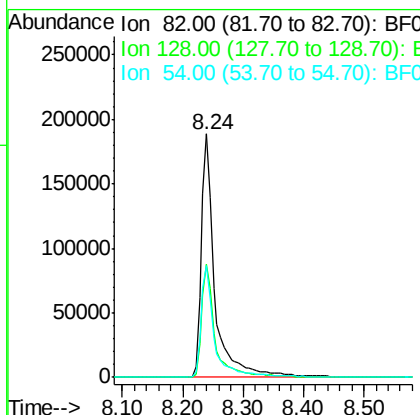
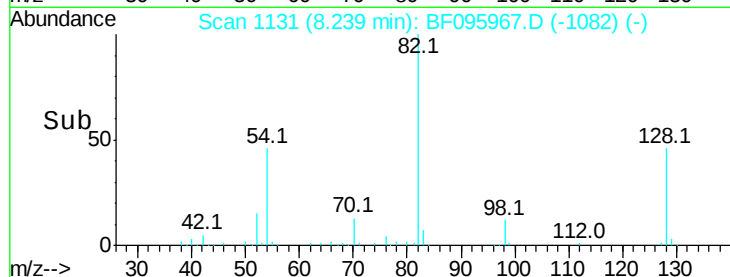
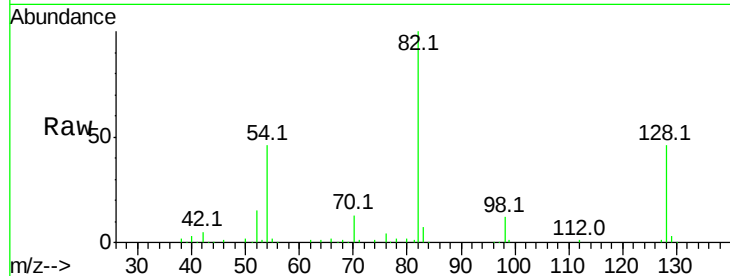
#23
Nitrobenzene-d5
Concen: 66.14 ng
RT: 8.24 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF095967.D
Acq: 16 Jun 2017 21:22

Instrument :
BNA_F
ClientSampleId :
BAYWAY-SWITCH-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	46.1	42.2	63.2

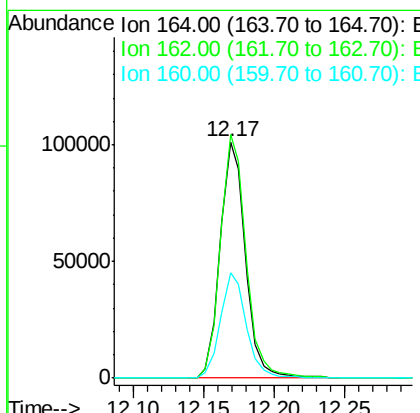
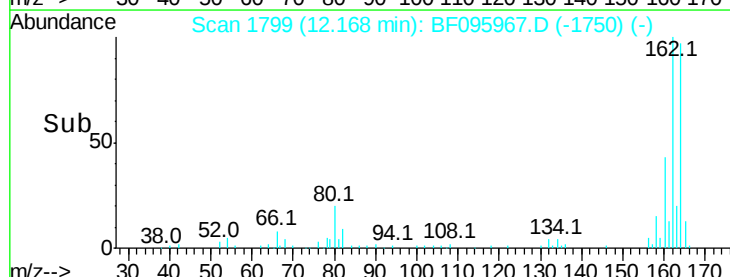
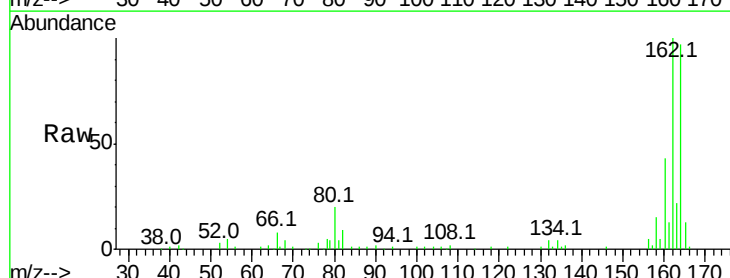
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF095967.D
Acq: 16 Jun 2017 21:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	44.6	36.2	54.2





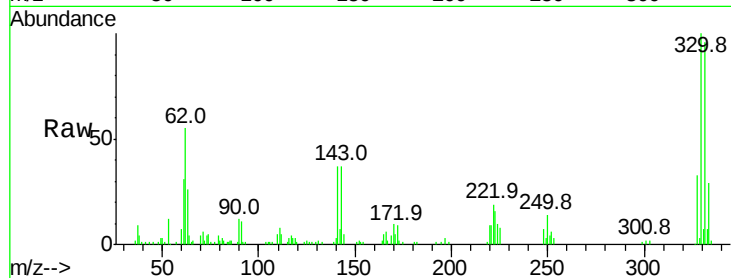
#41
 2,4,6-Tribromophenol
 Concen: 86.88 ng
 RT: 13.47 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF095967.D
 Acq: 16 Jun 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BAYWAY-SWITCH-B

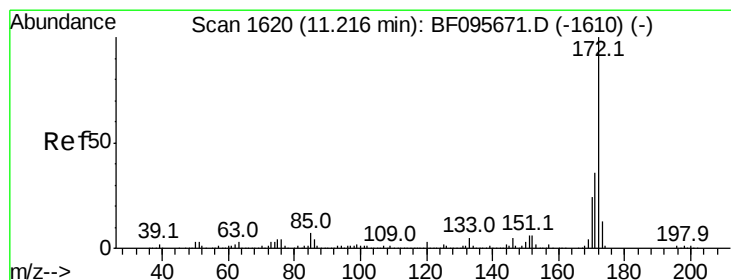
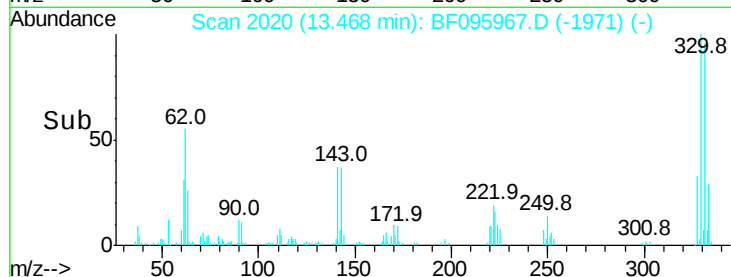
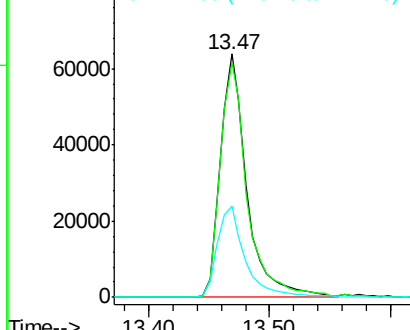
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	76.6	115.0
141	39.2	31.4	47.2

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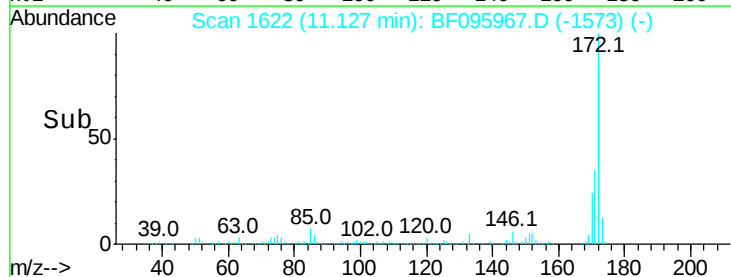
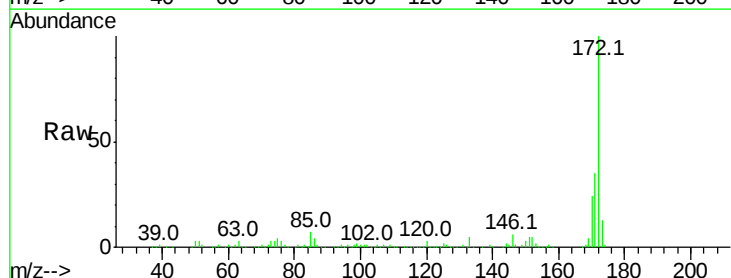
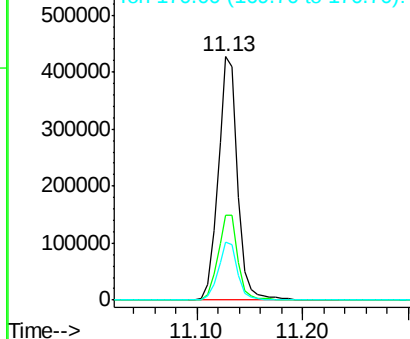
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 60.74 ng
 RT: 11.13 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF095967.D
 Acq: 16 Jun 2017 21:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	23.7	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





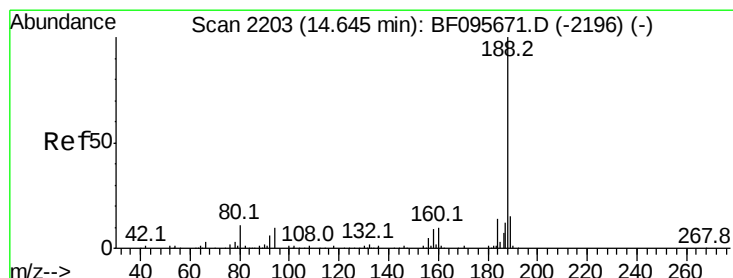
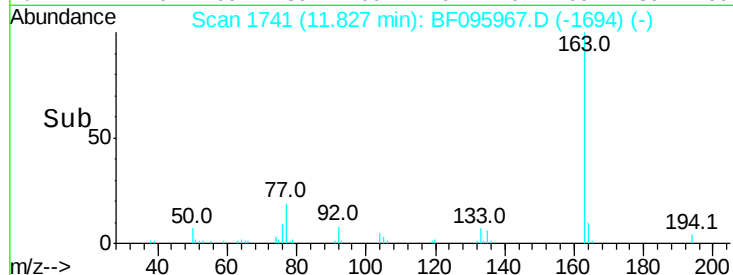
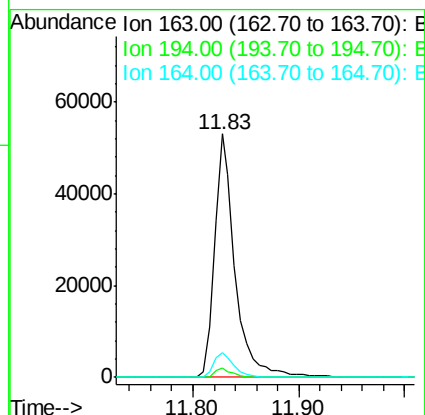
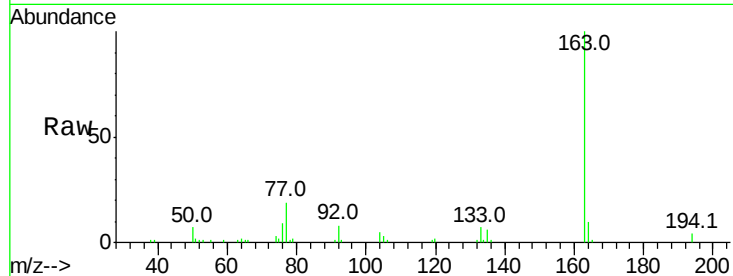
#49
Dimethylphthalate
Concen: 7.54 ng
RT: 11.83 min Scan# 1741
Delta R.T. -0.02 min
Lab File: BF095967.D
Acq: 16 Jun 2017 21:22

Instrument :
BNA_F
ClientSampleId :
BAYWAY-SWITCH-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.0	8.4	12.6

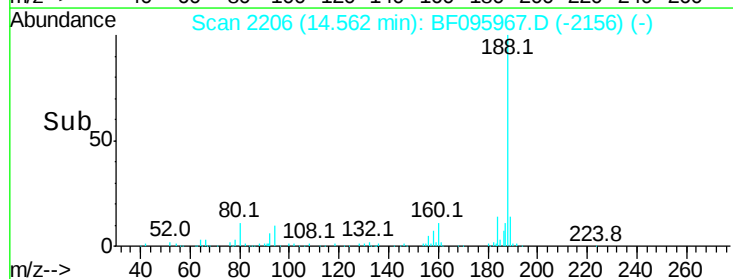
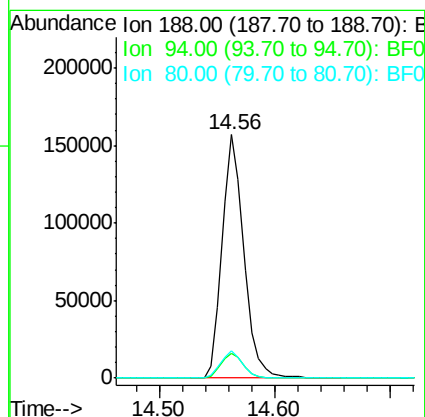
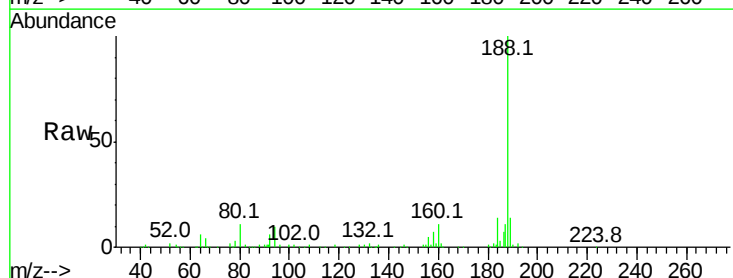
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095967.D
Acq: 16 Jun 2017 21:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.3	10.2	15.2





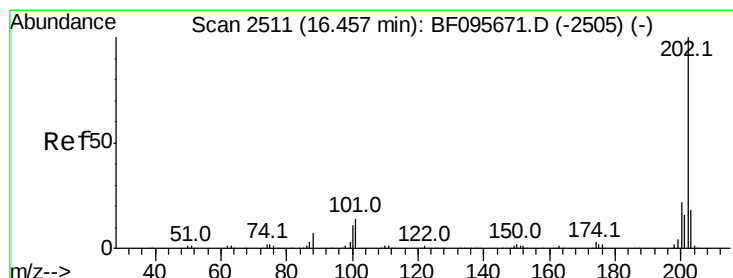
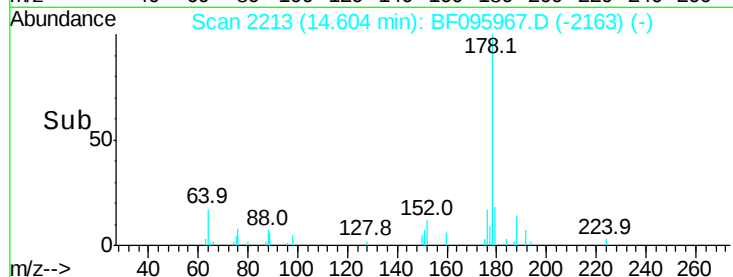
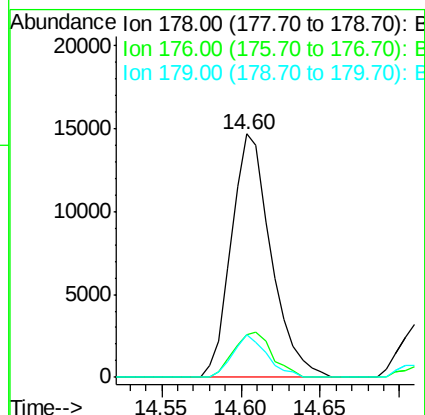
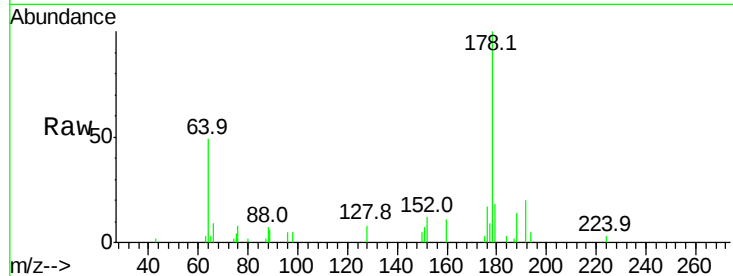
#70
Phenanthrene
Concen: 2.15 ng
RT: 14.60 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF095967.D
Acq: 16 Jun 2017 21:22

Instrument :
BNA_F
ClientSampleId :
BAYWAY-SWITCH-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.3	16.2	24.4
179	17.7	12.6	19.0

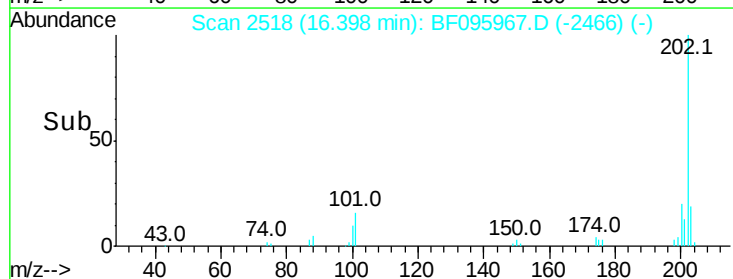
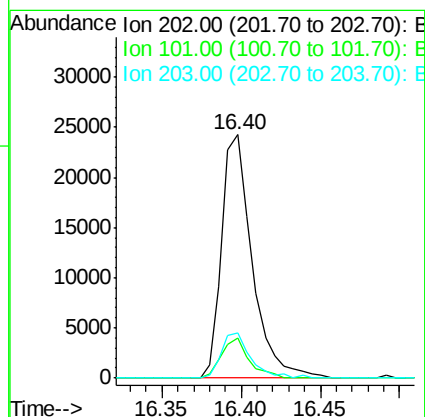
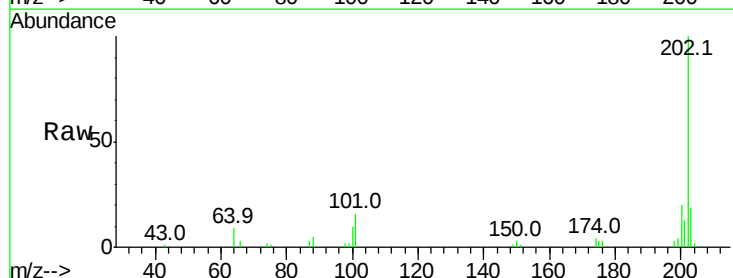
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#74
Fluoranthene
Concen: 2.77 ng
RT: 16.40 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF095967.D
Acq: 16 Jun 2017 21:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.3	0.0	33.2
203	18.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.29 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BF095967.D

Acq: 16 Jun 2017 21:22

Instrument :

BNA_F

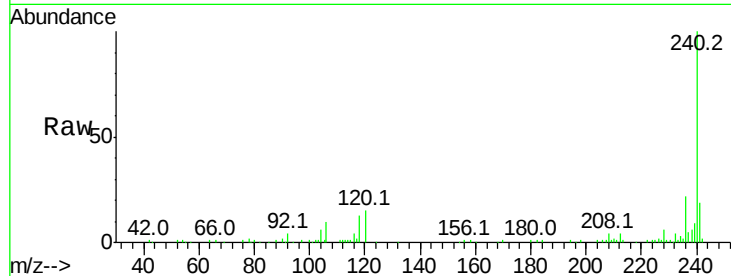
ClientSampleId :

BAYWAY-SWITCH-B

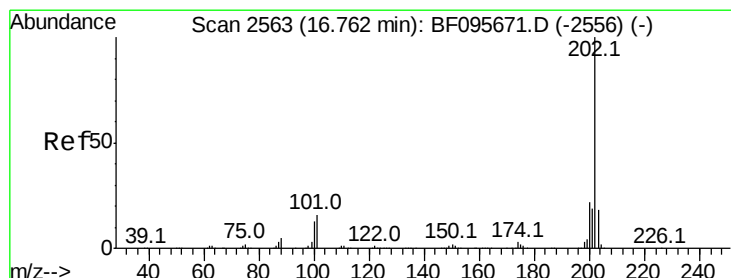
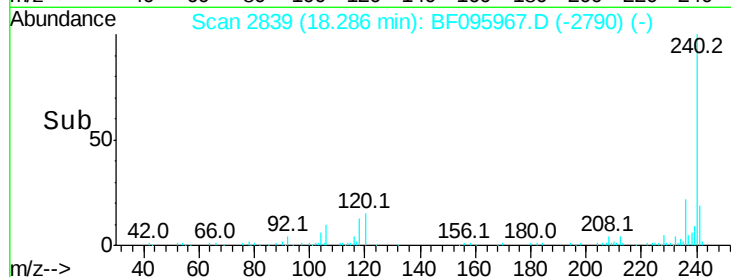
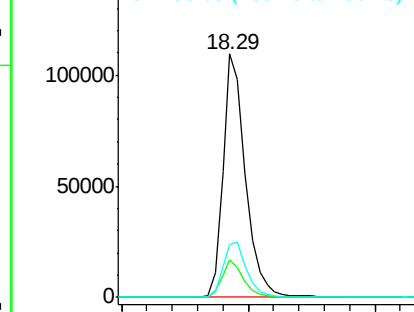
Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	21.9	20.5	30.7

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.84 ng

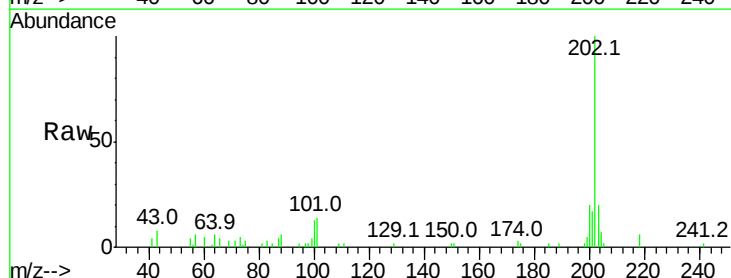
RT: 16.70 min Scan# 2569

Delta R.T. 0.00 min

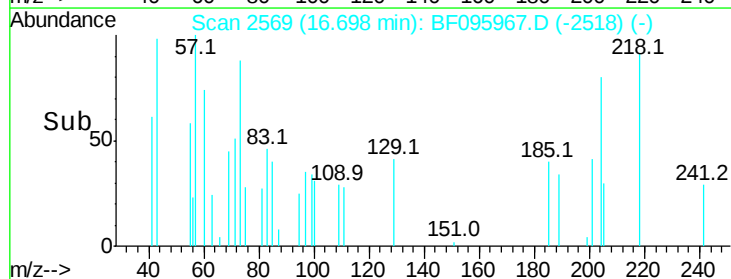
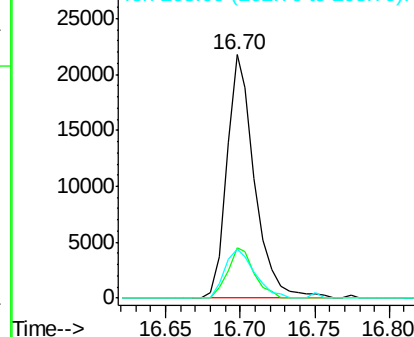
Lab File: BF095967.D

Acq: 16 Jun 2017 21:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	20.0	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





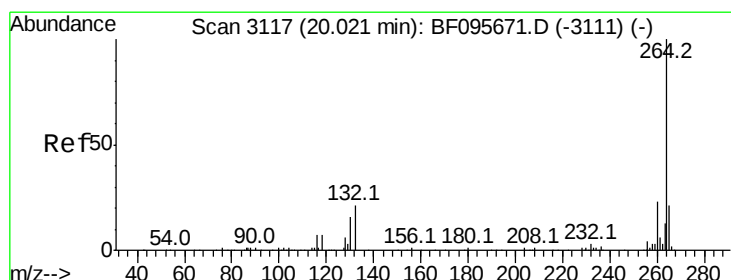
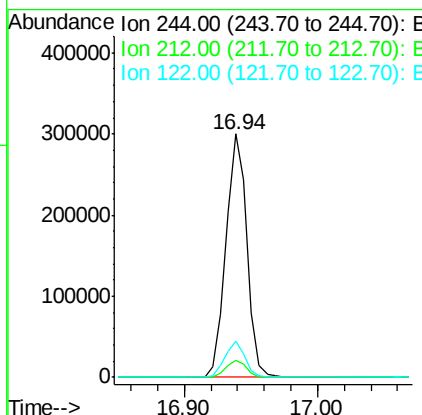
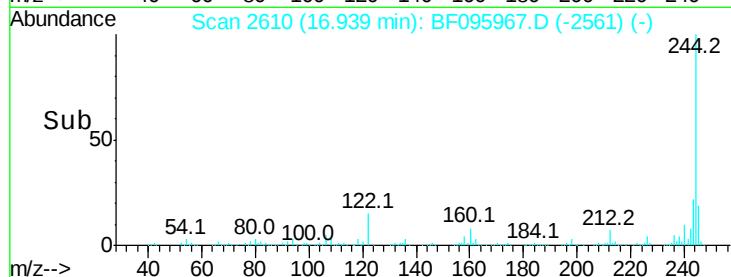
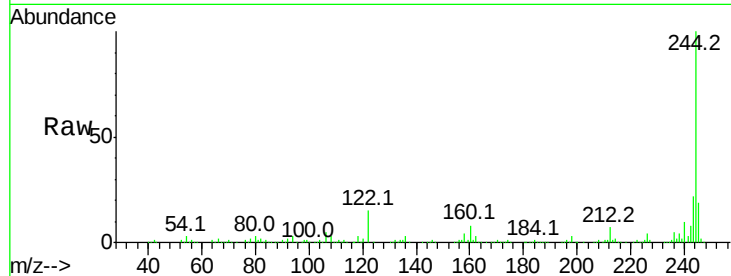
#78
 Terphenyl-d14
 Concen: 61.48 ng
 RT: 16.94 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF095967.D
 Acq: 16 Jun 2017 21:22

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.9	10.3	15.5

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095967.D
 Acq: 16 Jun 2017 21:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	17.2	25.8

