

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097143.D
 Acq On : 28 Jul 2017 10:01
 Operator : SJ/JU
 Sample : I4444-04 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-072517-B

Manual Integrations
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Quant Time: Jul 28 13:28:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	108134	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	452739	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	203464	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	329050	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	211018	20.00	ng	-0.02
86) Perylene-d12	14.96	264	188842	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	122009m	17.01	ng	-0.01
7) Phenol-d6	6.15	99	190708	23.29	ng	-0.02
23) Nitrobenzene-d5	7.05	82	106634	13.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	34726	21.60	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	192825	16.08	ng	-0.02
78) Terphenyl-d14	12.57	244	133336	12.88	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.25	163	37317	2.415	ng	98
59) Diethylphthalate	9.95	149	45110	3.182	ng	98
83) Bis(2-ethylhexyl)phthalate	13.60	149	27471	2.394	ng	# 100
84) Di-n-octyl phthalate	14.25	149	50487	2.398	ng	# 26

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

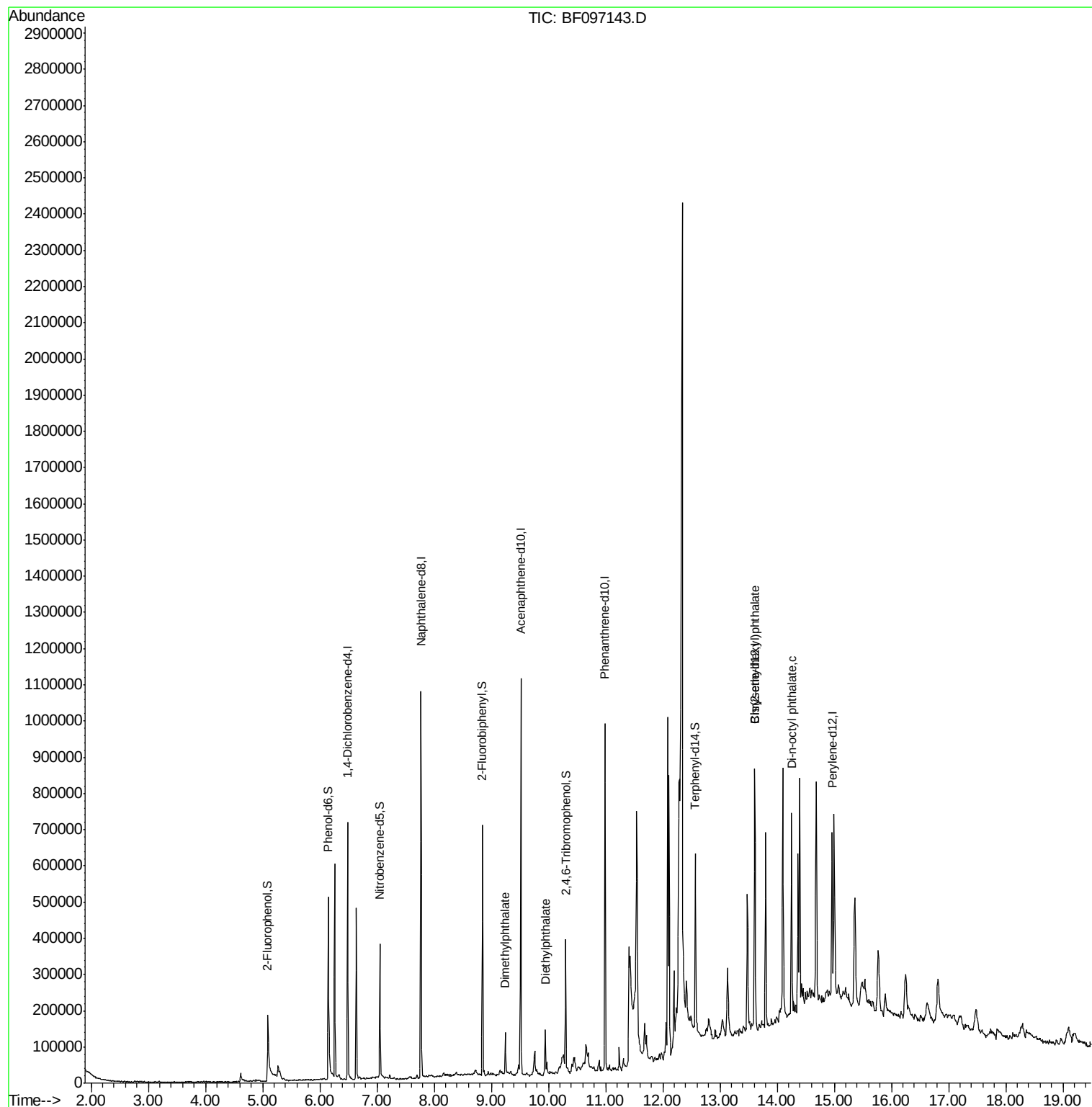
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
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ALS Vial : 3 Sample Multiplier: 1

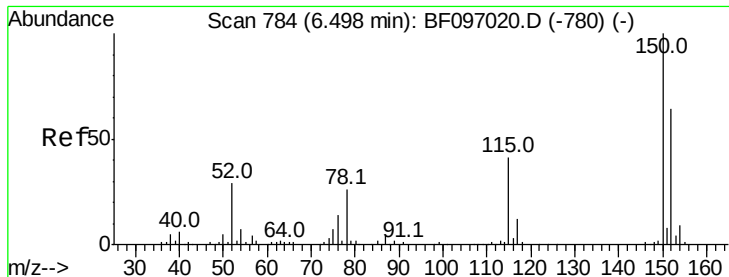
Instrument :
BNA_F
ClientSampleId :
EO-02-072517-B

Quant Time: Jul 28 13:28:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

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#1

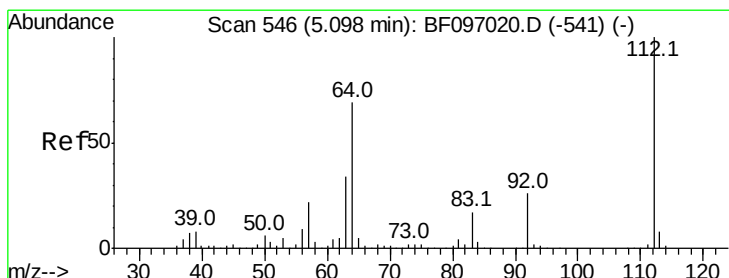
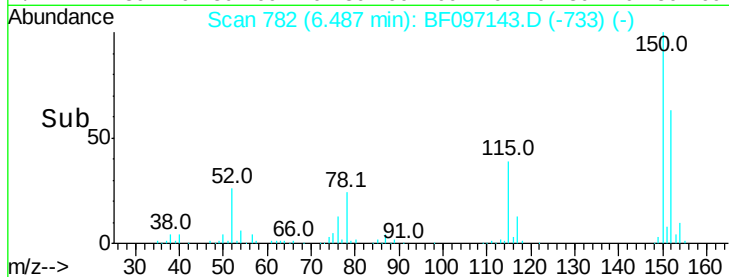
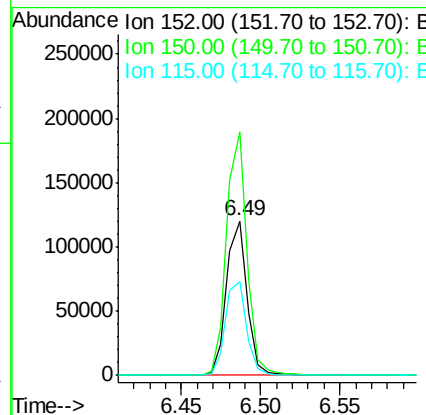
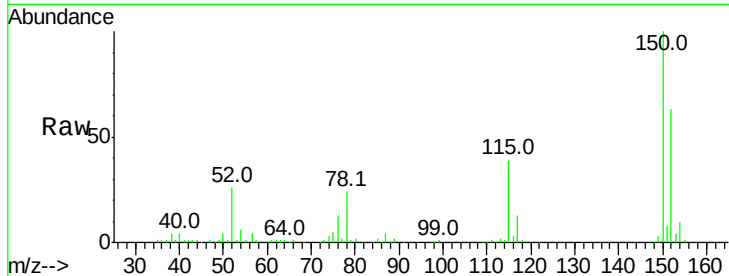
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097143.D
Acq: 28 Jul 2017 10:01

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	61.1	52.2	78.2

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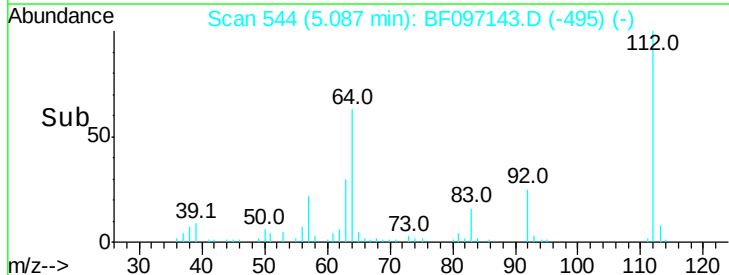
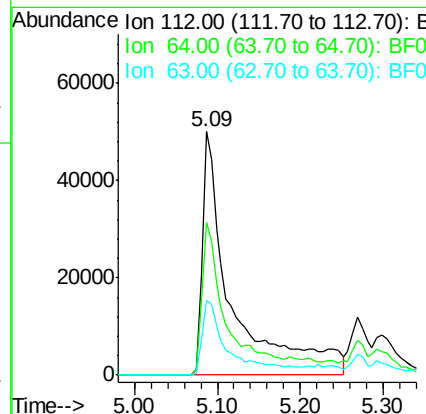
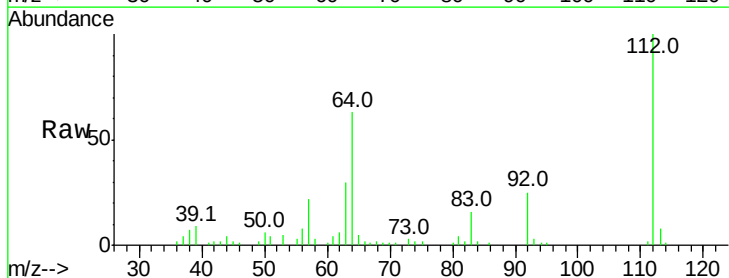
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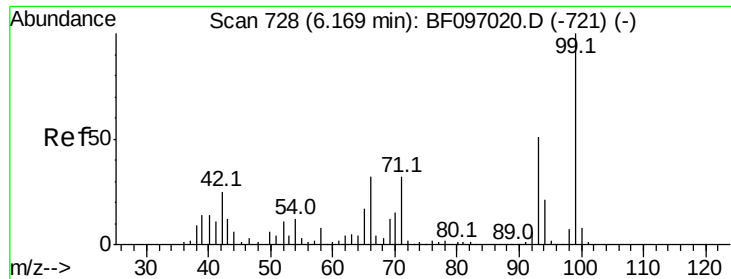


#5

2-Fluorophenol
Concen: 17.009 ng m
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097143.D
Acq: 28 Jul 2017 10:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	46.0	69.0
63	30.4	23.4	35.0





#7

Phenol-d6

Concen: 23.288 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097143.D

Acq: 28 Jul 2017 10:01

Instrument :

BNA_F

ClientSampleId :

EO-02-072517-B

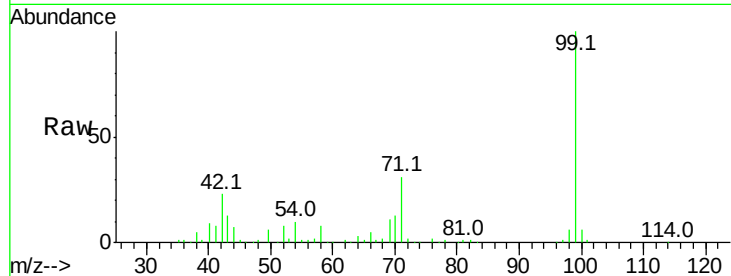
Tot Ion: 99 Resp: 190708

Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	31.0	24.5	36.7

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.15

200000

150000

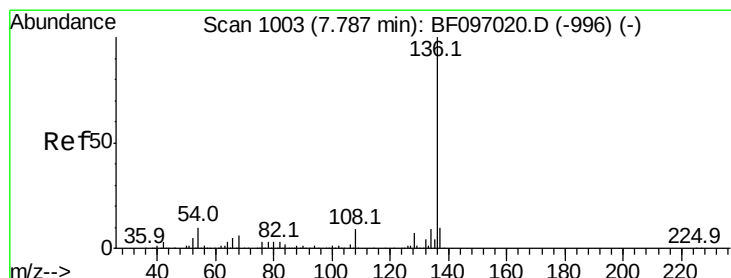
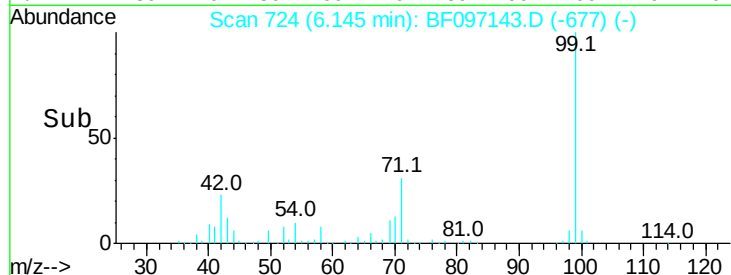
100000

50000

0

6.10 6.15 6.20

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097143.D

Acq: 28 Jul 2017 10:01

Tgt Ion: 136 Resp: 452739

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.5	4.9	7.3#
68	5.1	4.1	6.1

Abundance Ion 136.00 (135.70 to 136.70): E

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

800000

600000

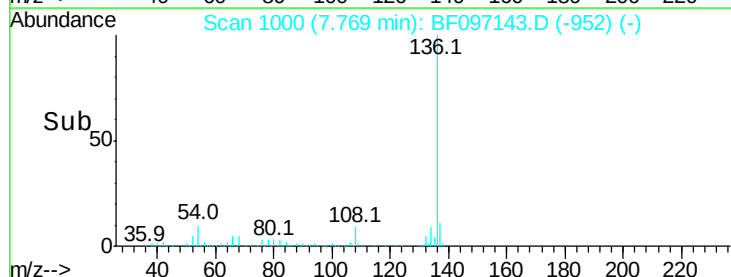
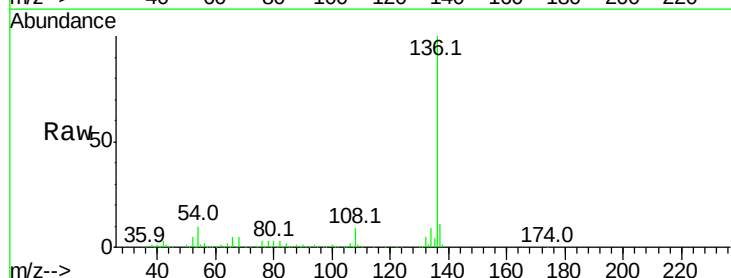
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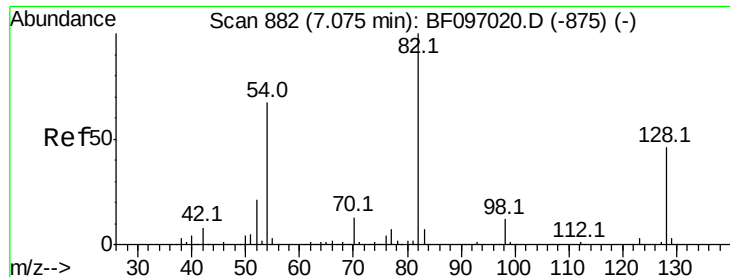
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0

7.70 7.75 7.80 7.85 7.90

Time-->





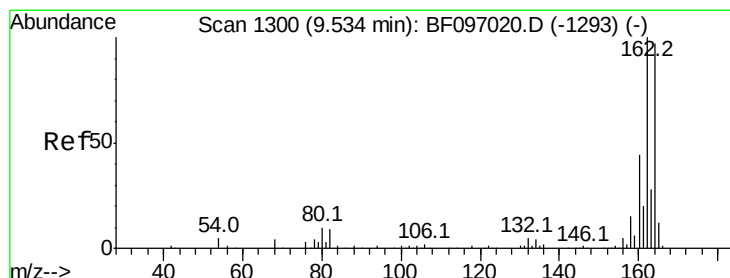
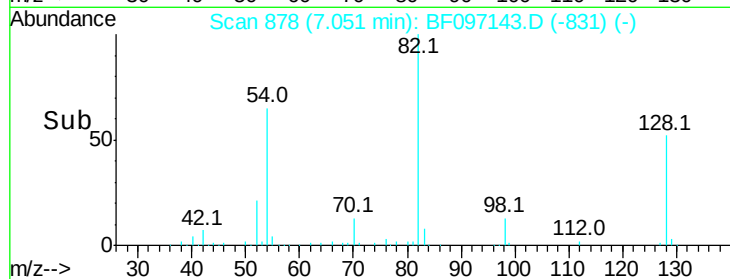
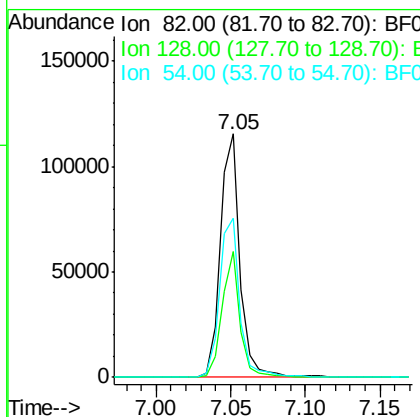
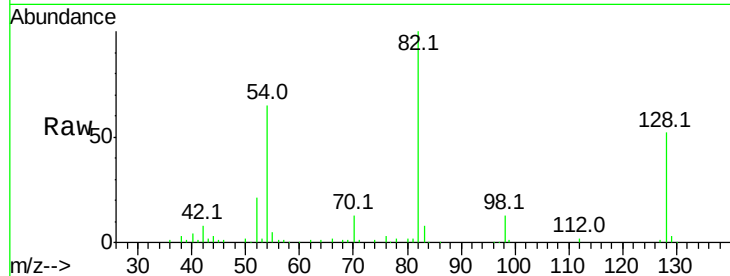
#23
 Nitrobenzene-d5
 Concen: 13.817 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF097143.D
 Acq: 28 Jul 2017 10:01

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-072517-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.6	34.0	51.0#
54	65.2	42.2	63.2#

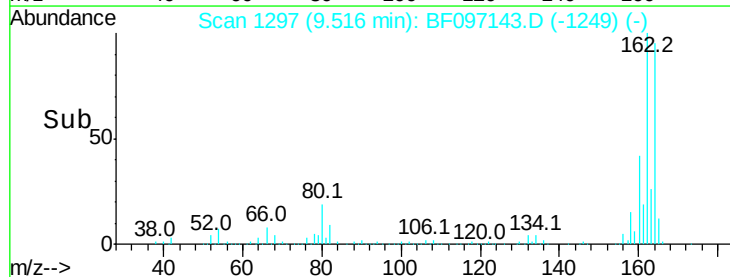
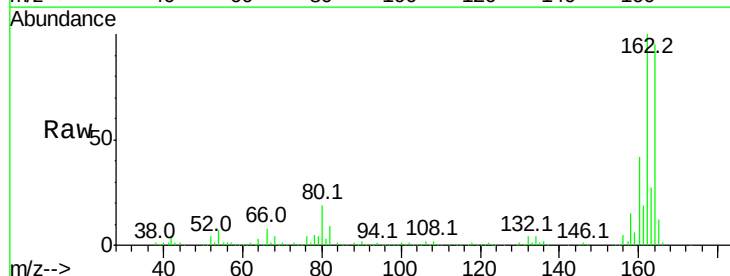
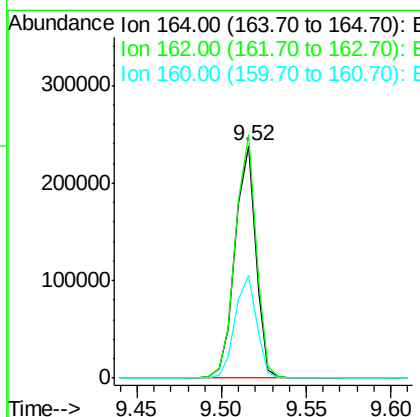
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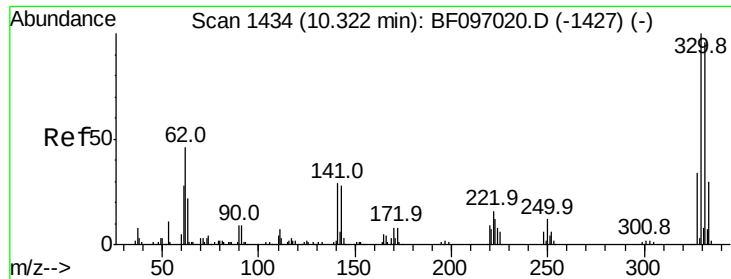
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097143.D
 Acq: 28 Jul 2017 10:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	44.0	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 21.602 ng

RT: 10.30 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF097143.D

Acq: 28 Jul 2017 10:01

Instrument :

BNA_F

ClientSampleId :

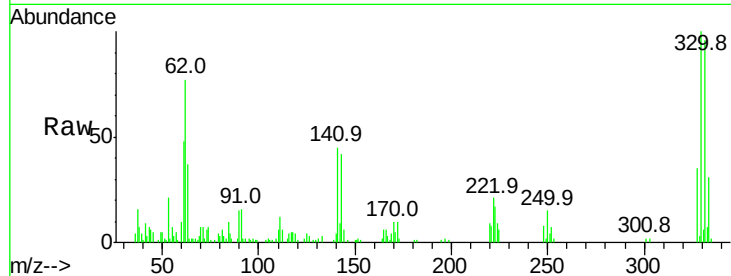
EO-02-072517-B

Tot Ion:	330	Resp:	34726
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.6	115.0
141	40.4	31.4	47.2

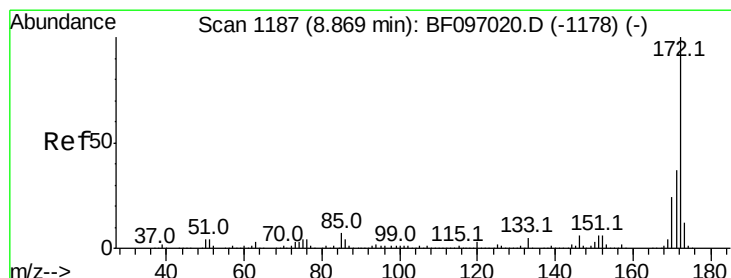
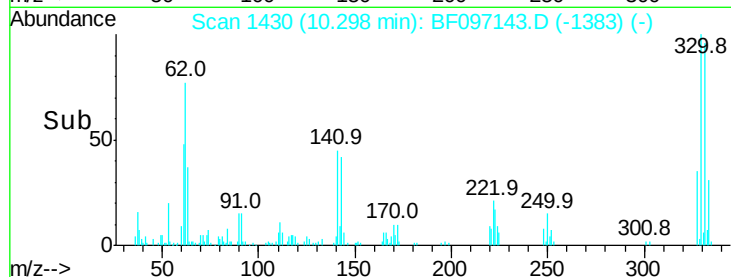
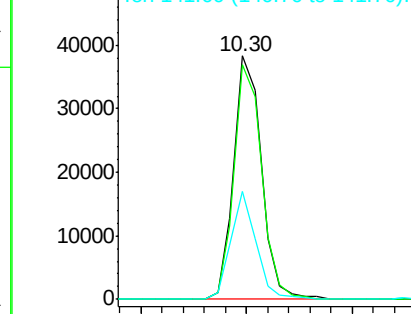
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 16.084 ng

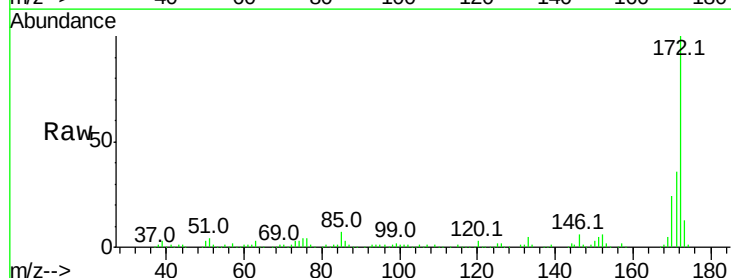
RT: 8.85 min Scan# 1183

Delta R.T. -0.02 min

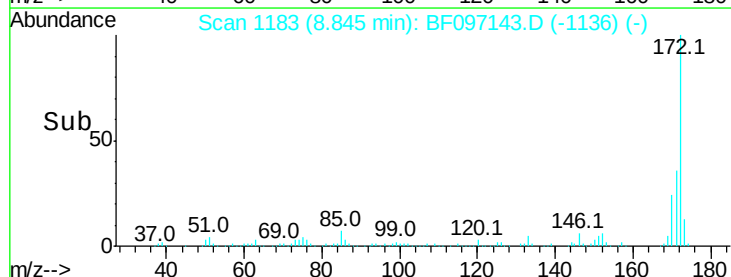
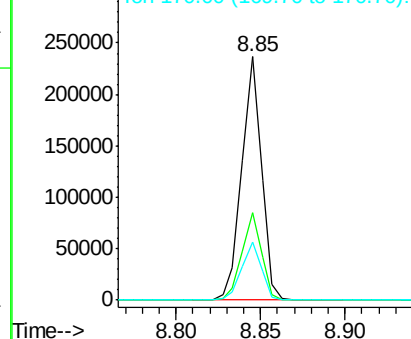
Lab File: BF097143.D

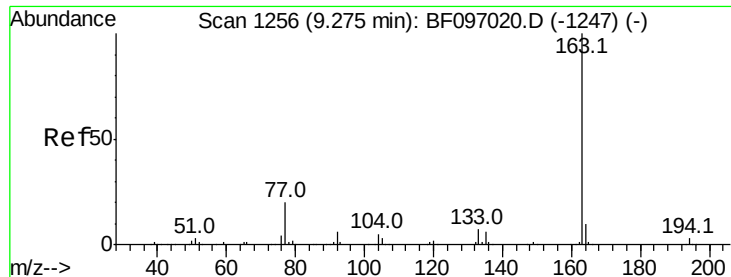
Acq: 28 Jul 2017 10:01

Tgt Ion:	172	Resp:	192825
Ion Ratio	Lower	Upper	
172	100		
171	35.7	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





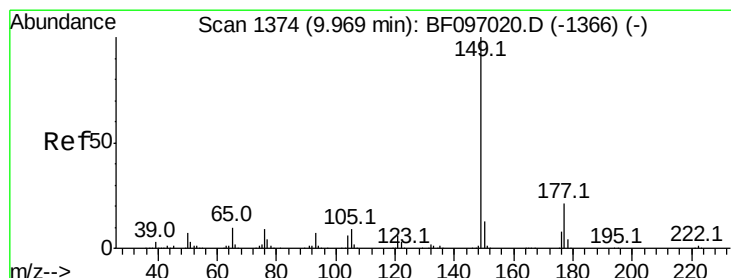
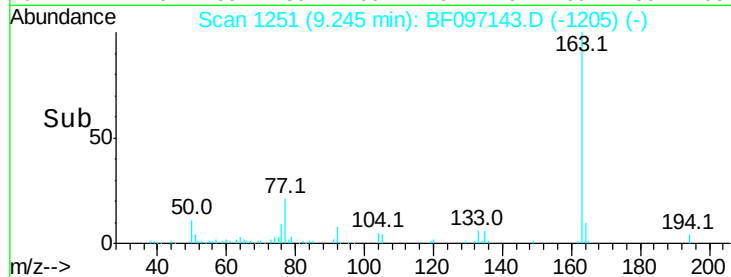
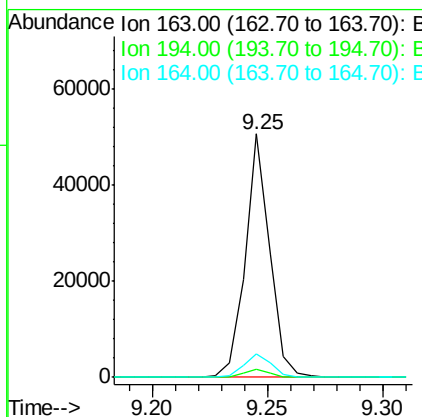
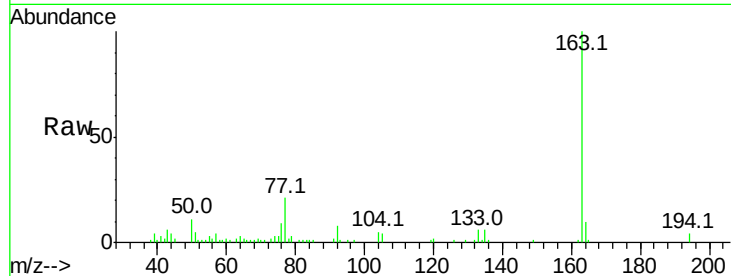
#49
 Dimethylphthalate
 Concen: 2.415 ng
 RT: 9.25 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF097143.D
 Acq: 28 Jul 2017 10:01

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-072517-B

Tot Ion:	163	Resp:	37317
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	9.6	8.4	12.6

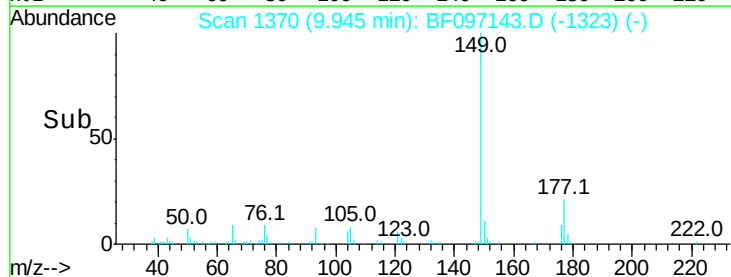
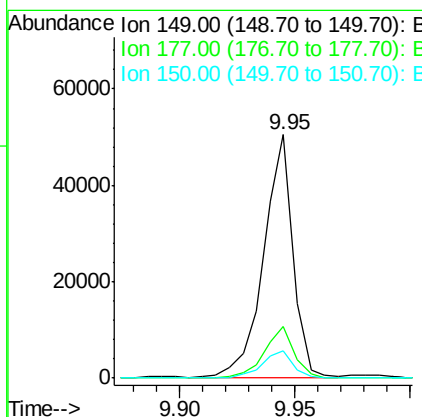
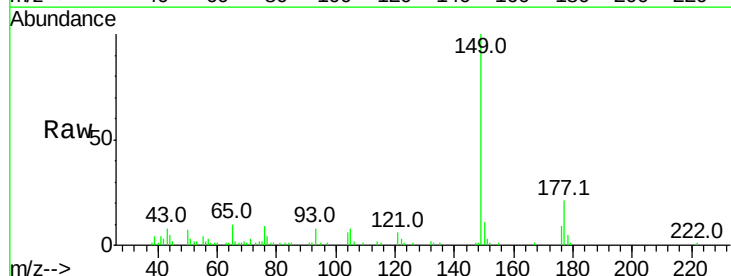
Manual Integrations
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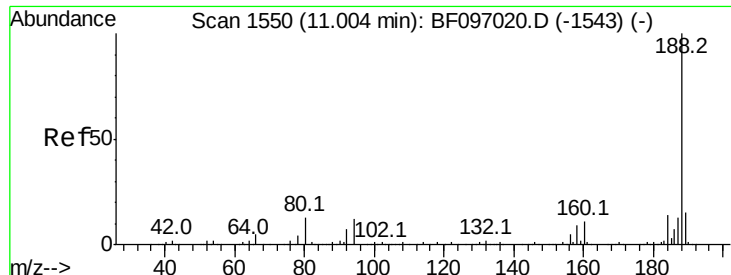
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#59
 Diethylphthalate
 Concen: 3.182 ng
 RT: 9.95 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: BF097143.D
 Acq: 28 Jul 2017 10:01

Tgt Ion:	149	Resp:	45110
Ion Ratio	Lower	Upper	
149	100		
177	21.3	16.7	25.1
150	11.1	10.2	15.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097143.D

Acq: 28 Jul 2017 10:01

Instrument :

BNA_F

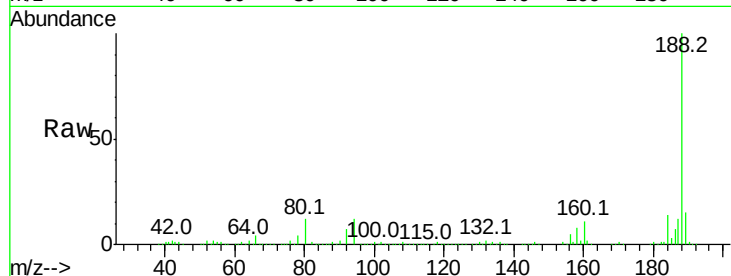
ClientSampleId :

EO-02-072517-B

Tot Ion:	188	Resp:	329050
Ion Ratio	Lower	Upper	
188	100		
94	11.6	9.4	14.2
80	12.4	10.2	15.2

Manual Integrations
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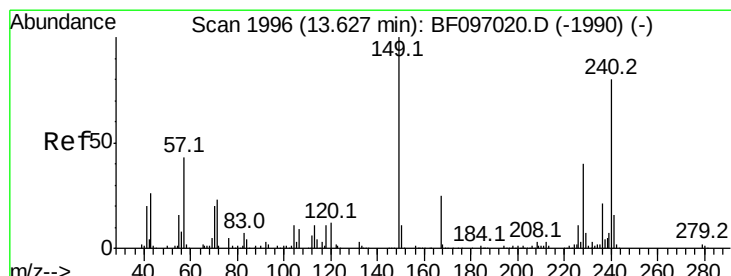
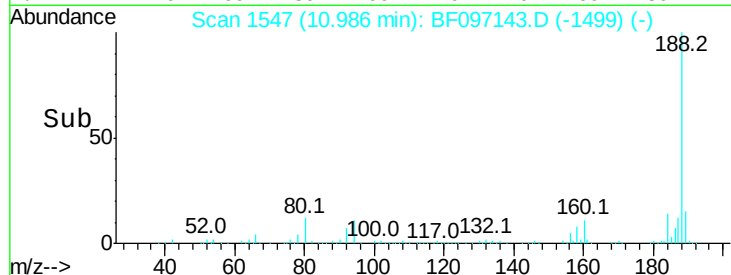
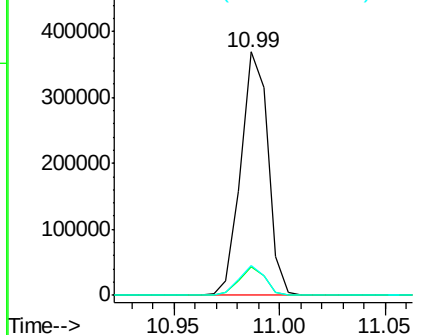
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097143.D

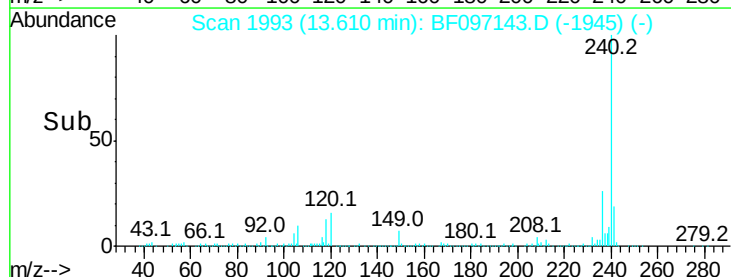
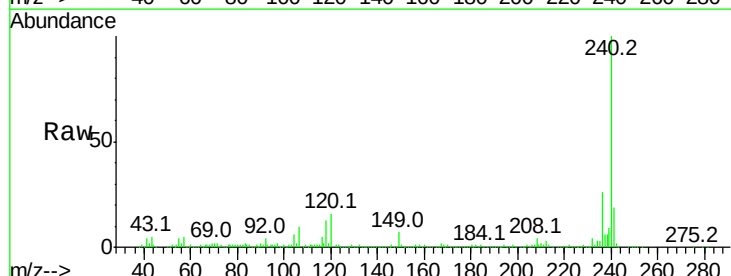
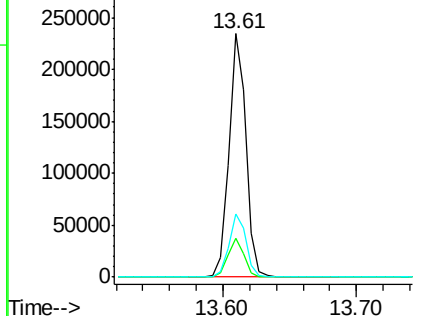
Acq: 28 Jul 2017 10:01

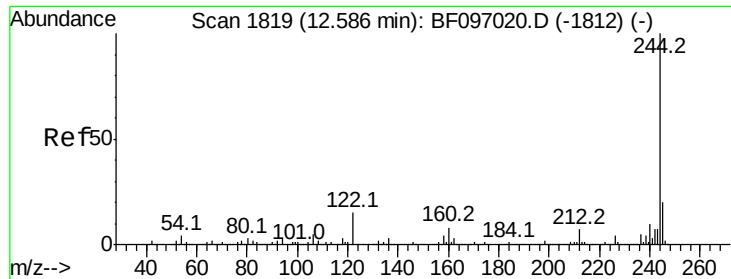
Tgt Ion:	240	Resp:	211018
Ion Ratio	Lower	Upper	
240	100		
120	15.8	5.8	8.8#
236	26.0	20.5	30.7

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





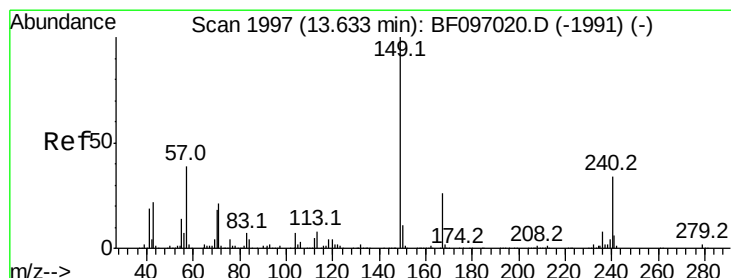
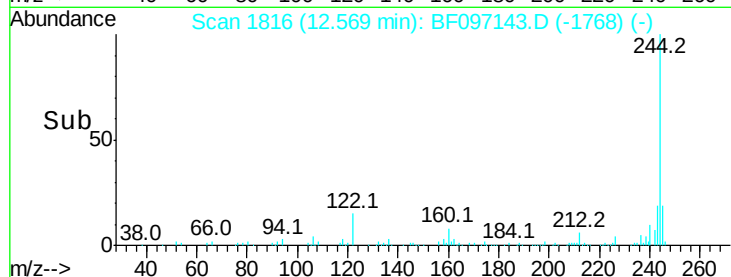
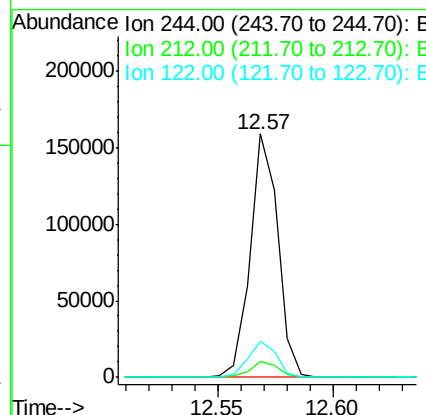
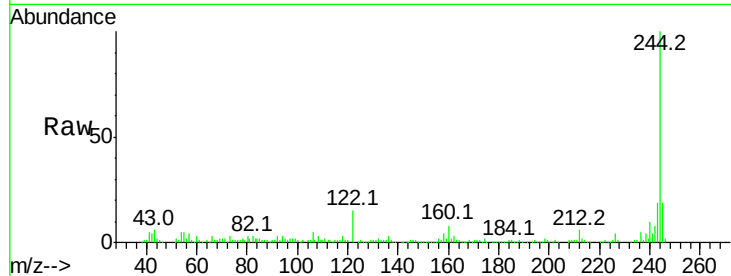
#78
 Terphenyl-d14
 Concen: 12.883 ng
 RT: 12.57 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF097143.D
 Acq: 28 Jul 2017 10:01

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-072517-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	14.9	10.3	15.5

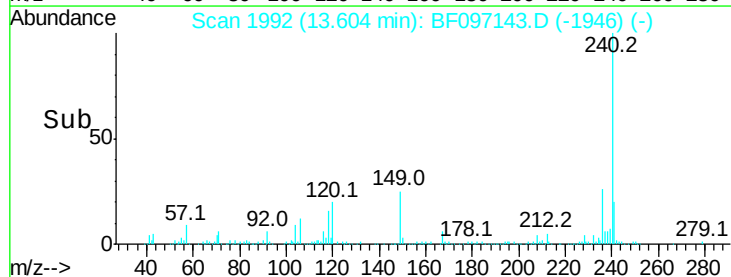
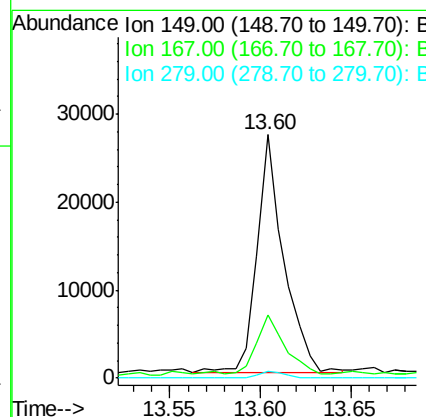
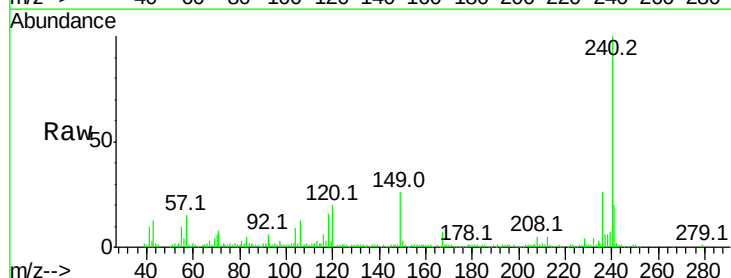
Manual Integrations
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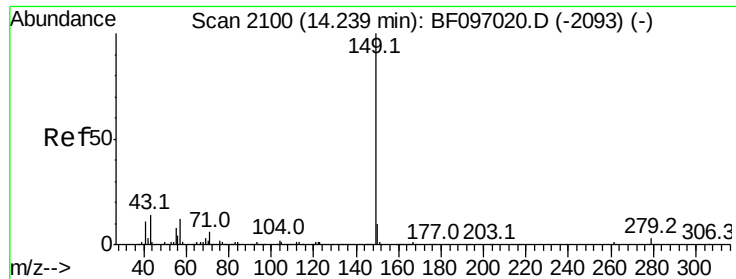
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.394 ng
 RT: 13.60 min Scan# 1992
 Delta R.T. -0.03 min
 Lab File: BF097143.D
 Acq: 28 Jul 2017 10:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	2.9	1.9	2.9#





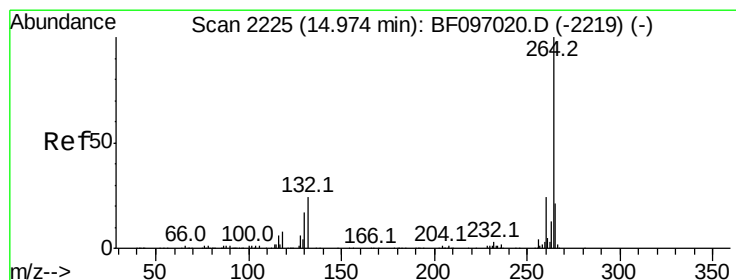
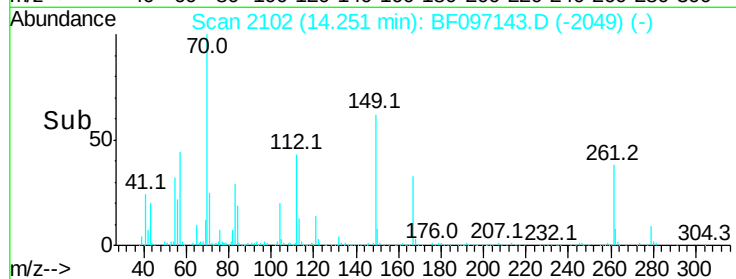
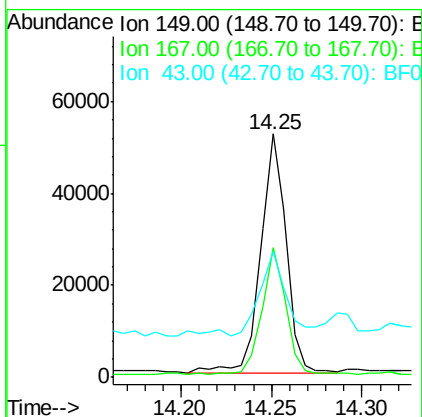
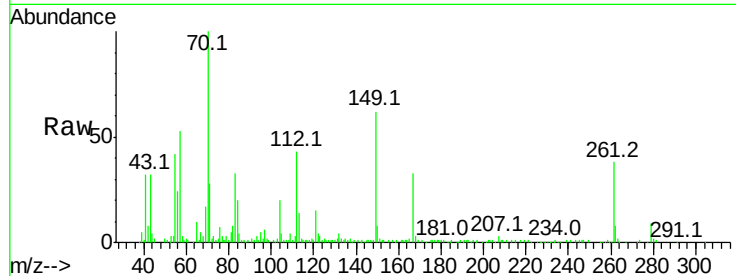
#84
Di-n-octyl phthalate
Concen: 2.398 ng
RT: 14.25 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BF097143.D
Acq: 28 Jul 2017 10:01

Instrument :
BNA_F
ClientSampleId :
EO-02-072517-B

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	50.1	1.2	1.8	
43	35.6	8.5	12.7	

Manual Integrations
APPROVED

Sohil
7/31/2017 6:51:22 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097143.D
Acq: 28 Jul 2017 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.8	19.5	29.3	
265	22.5	17.2	25.8	

