

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097144.D
 Acq On : 28 Jul 2017 10:29
 Operator : SJ/JU
 Sample : I4444-07 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 7/31/2017 6:51:24 PM

Quant Time: Jul 28 13:33:56 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	114991	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	478838	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	204144	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	329338	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	217094	20.00	ng	-0.02
86) Perylene-d12	14.96	264	199153	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	68844	9.03	ng	-0.02
7) Phenol-d6	6.15	99	91127	10.46	ng	-0.02
23) Nitrobenzene-d5	7.05	82	50273	6.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	16993	10.54	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	91450	7.60	ng	-0.02
78) Terphenyl-d14	12.57	244	60856	5.72	ng	-0.02
Target Compounds						
59) Diethylphthalate	9.95	149	40800	2.869	ng	99
74) Fluoranthene	12.19	202	40360	2.335	ng	82
77) Pyrene	12.42	202	47575	2.677	ng	99

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

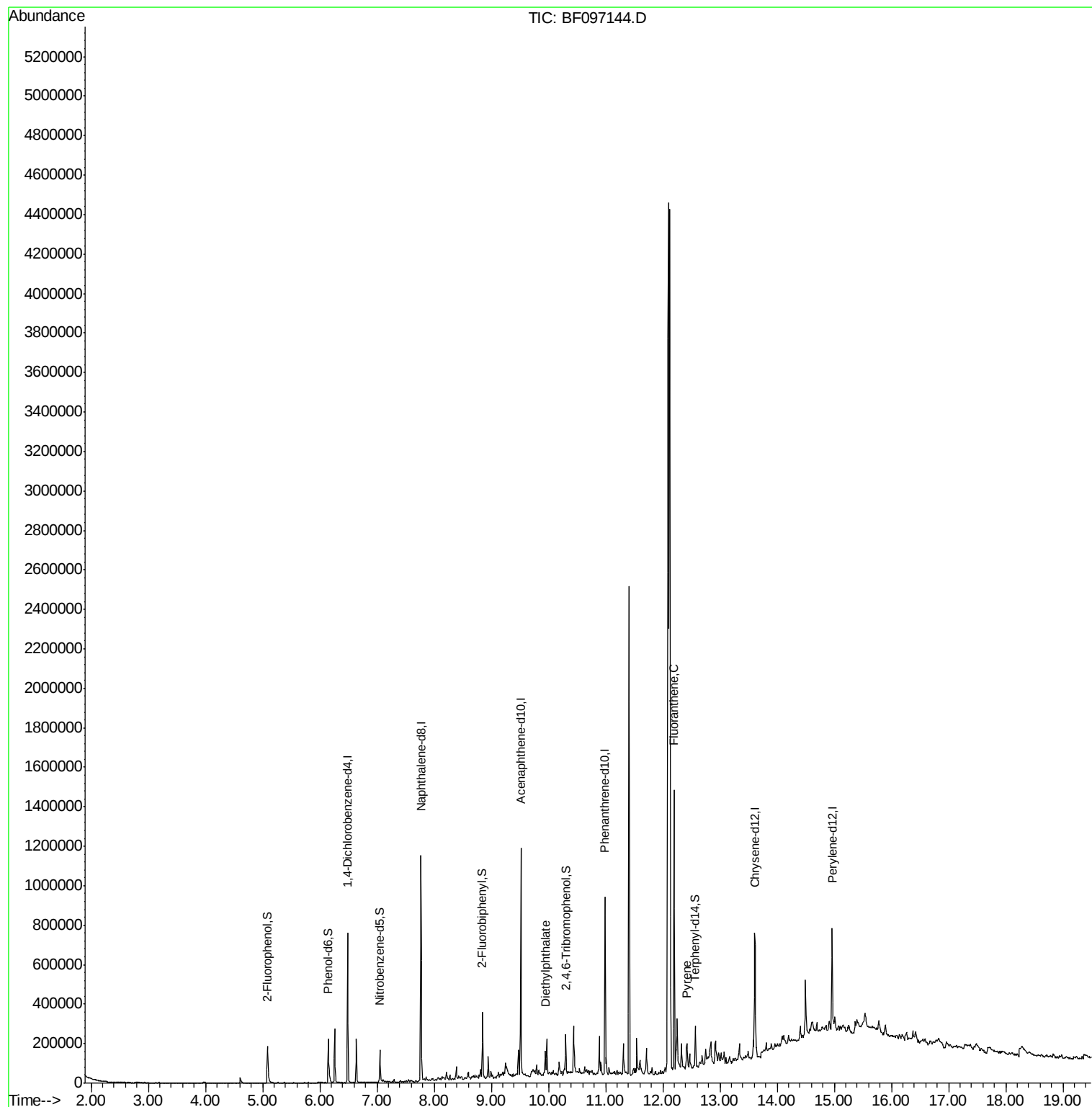
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
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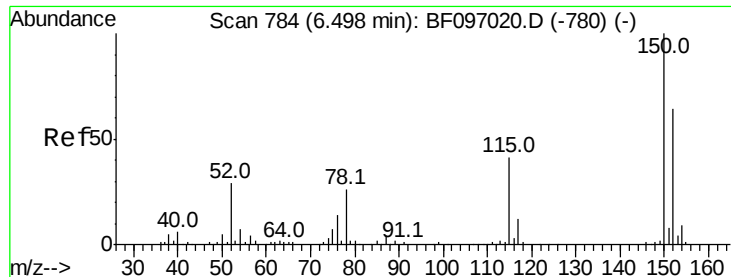
Instrument :
BNA_F
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EO-02-072517-C

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#1

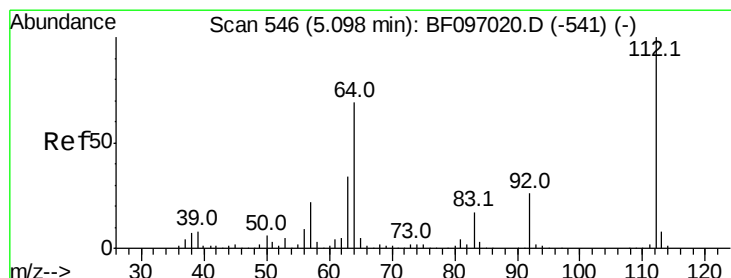
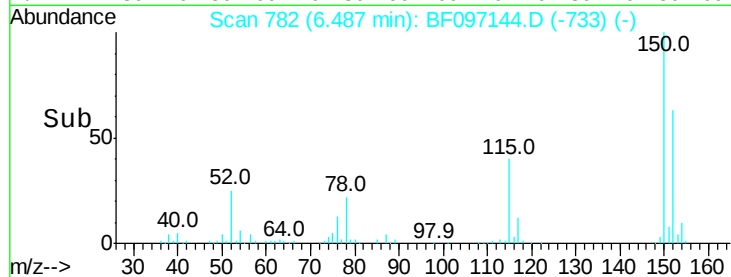
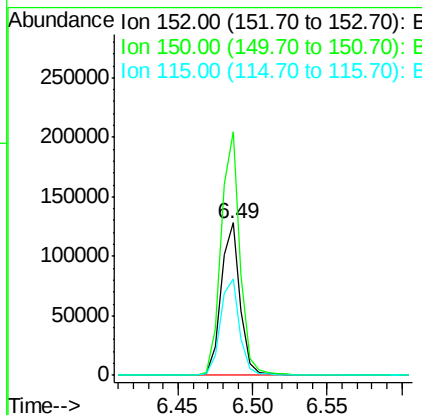
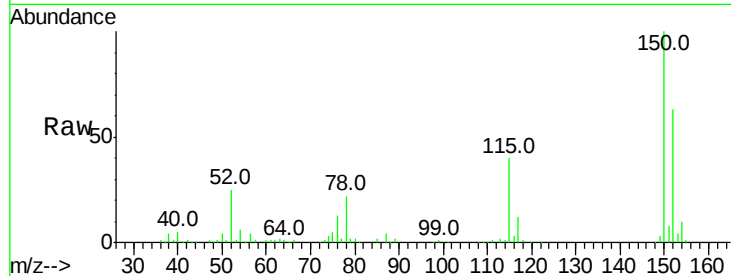
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097144.D
Acq: 28 Jul 2017 10:29

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.2	189.2
115	63.6	52.2	78.2

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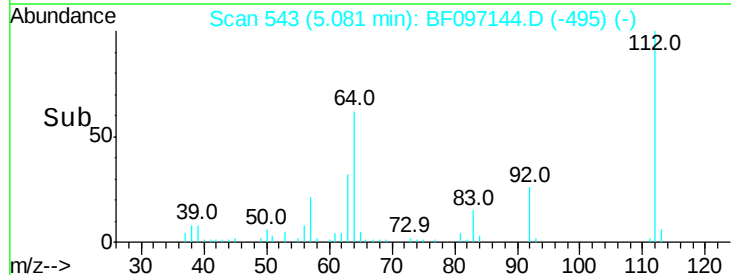
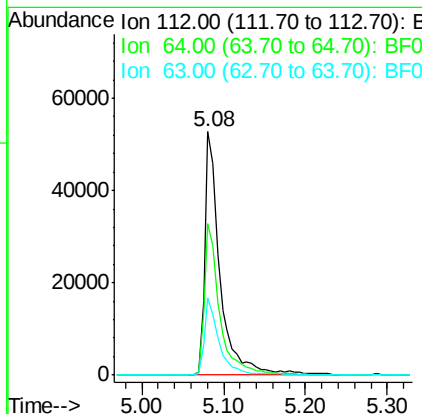
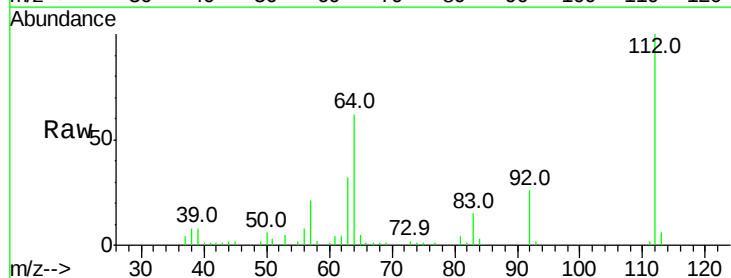
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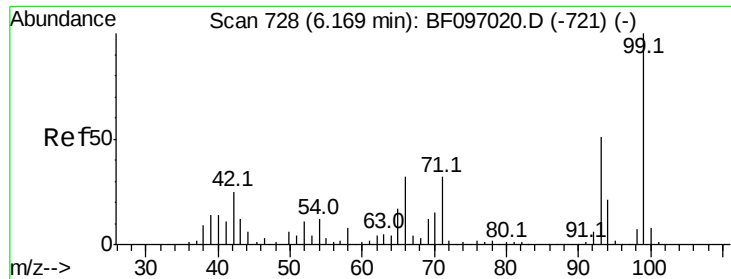


#5

2-Fluorophenol
Concen: 9.025 ng
RT: 5.08 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF097144.D
Acq: 28 Jul 2017 10:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	46.0	69.0
63	31.7	23.4	35.0





#7

Phenol-d6

Concen: 10.464 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097144.D

Acq: 28 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

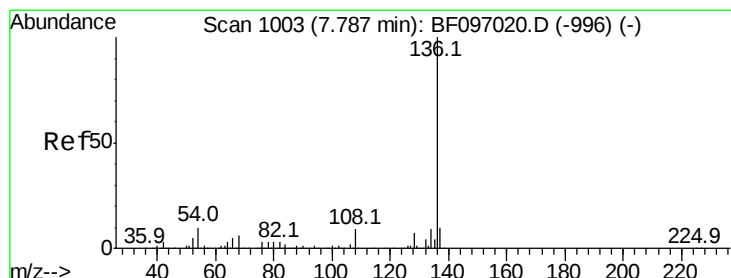
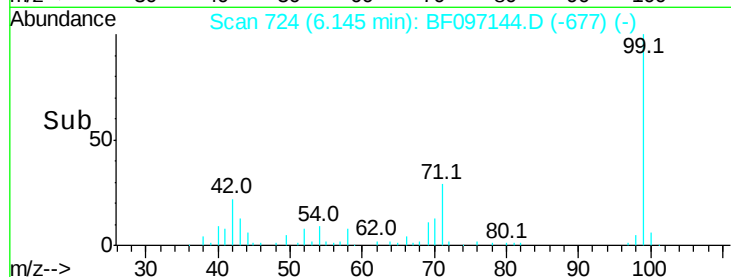
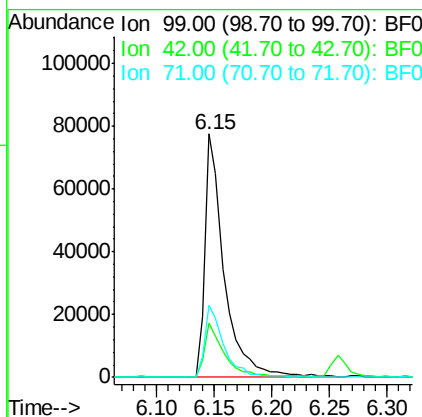
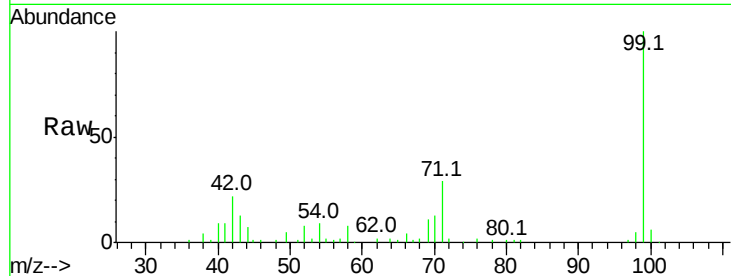
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Tot Ion:	99	Resp:	91127
Ion Ratio	Lower	Upper	
99	100		
42	22.0	13.5	20.3#
71	29.4	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

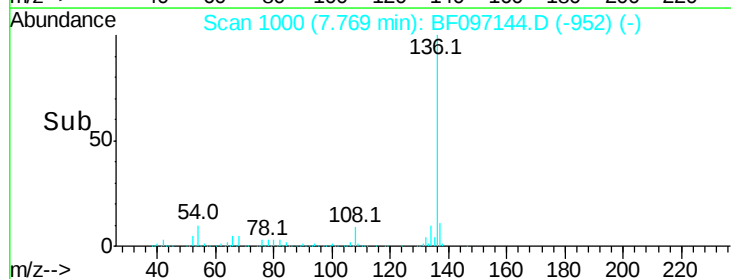
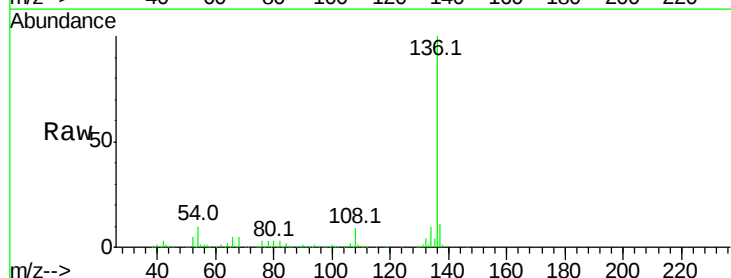
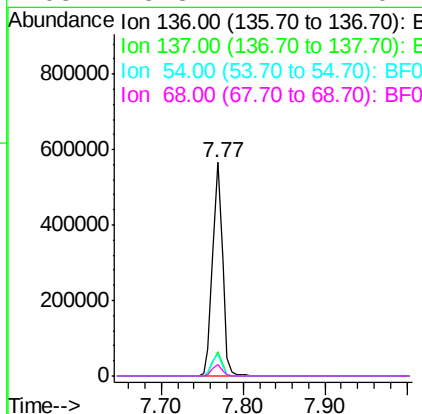
RT: 7.77 min Scan# 1000

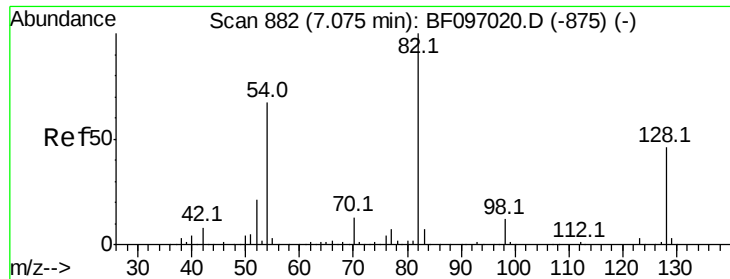
Delta R.T. -0.02 min

Lab File: BF097144.D

Acq: 28 Jul 2017 10:29

Tgt Ion:	136	Resp:	478838
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	10.0	4.9	7.3#
68	5.3	4.1	6.1





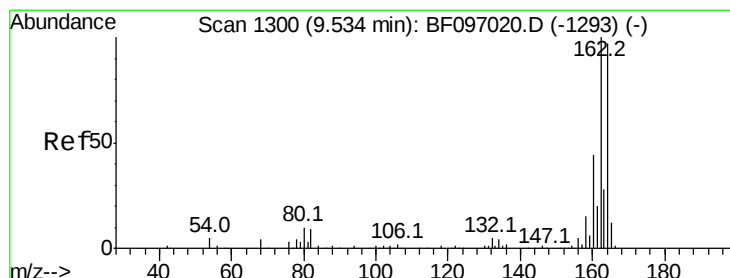
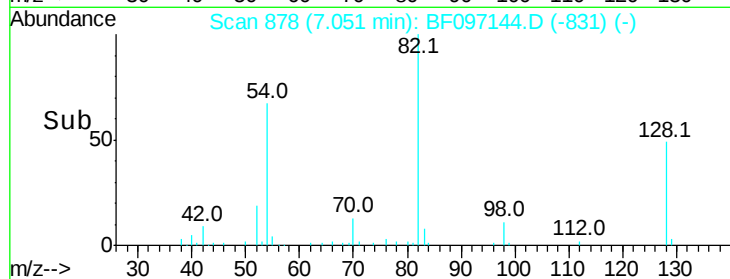
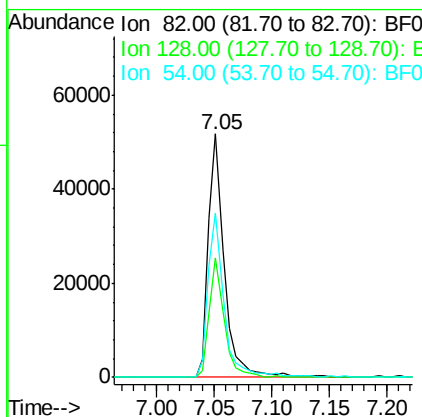
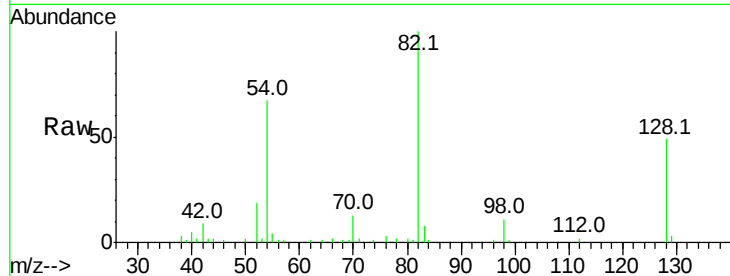
#23
 Nitrobenzene-d5
 Concen: 6.159 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF097144.D
 Acq: 28 Jul 2017 10:29

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.0	51.0
54	67.5	42.2	63.2

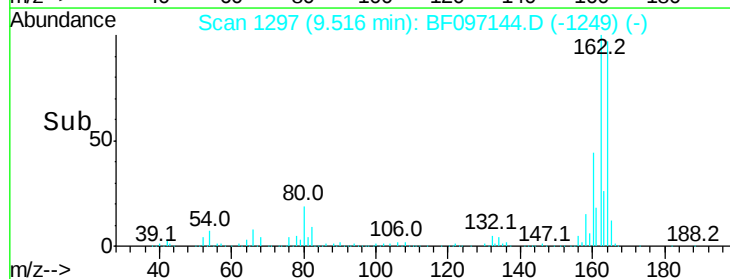
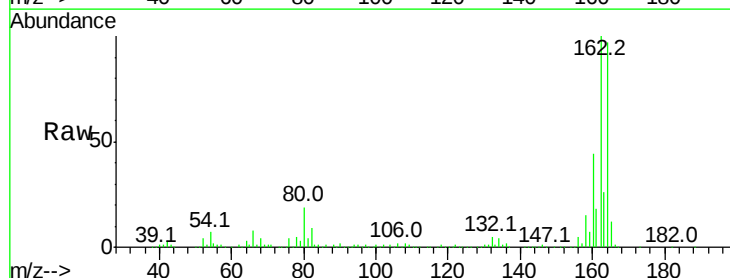
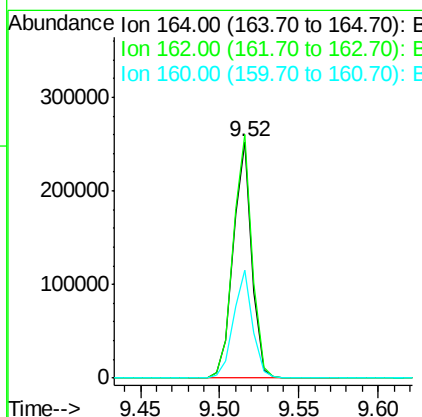
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097144.D
 Acq: 28 Jul 2017 10:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	45.5	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 10.535 ng

RT: 10.30 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF097144.D

Acq: 28 Jul 2017 10:29

Instrument :

BNA_F

ClientSampleId :

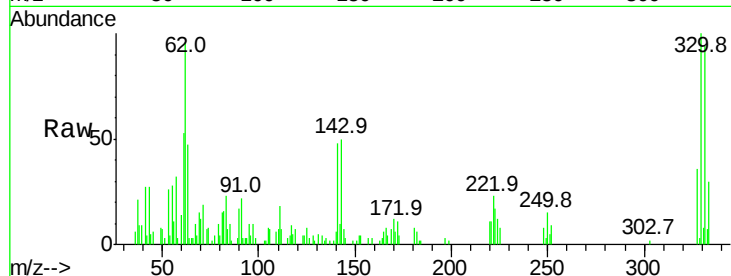
EO-02-072517-C

Tot Ion:	330	Resp:	16993
Ion Ratio	Lower	Upper	
330	100		
332	93.7	76.6	115.0
141	46.7	31.4	47.2

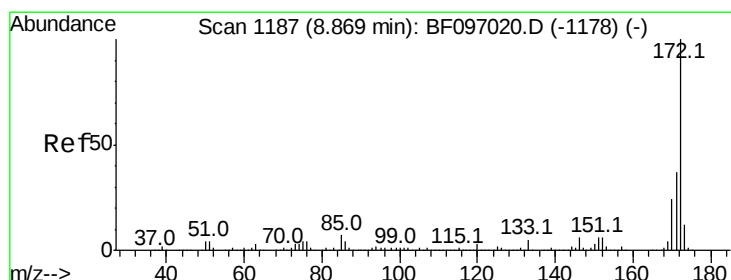
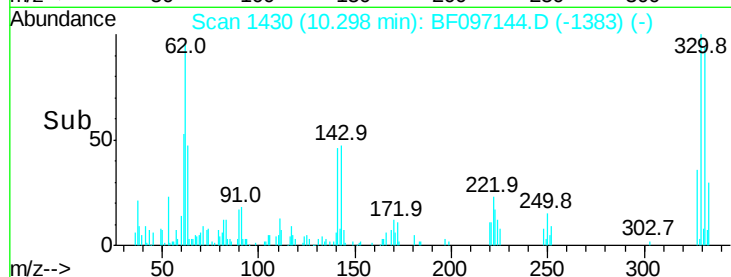
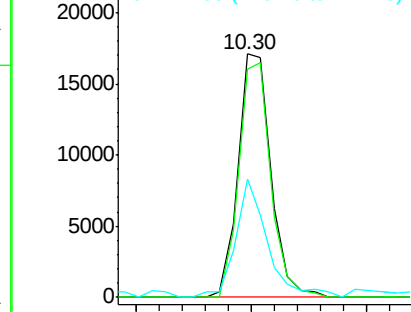
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 7.602 ng

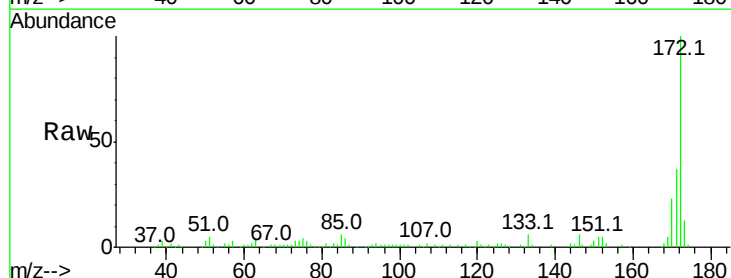
RT: 8.85 min Scan# 1183

Delta R.T. -0.02 min

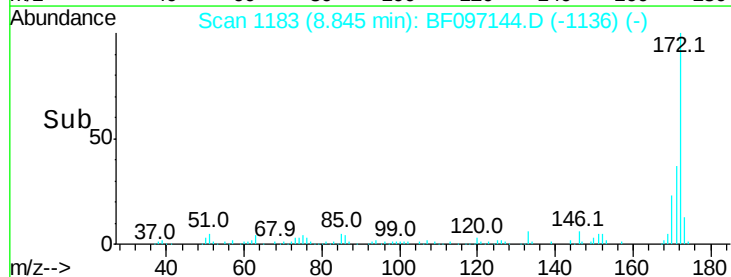
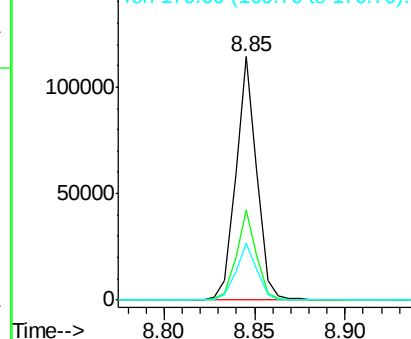
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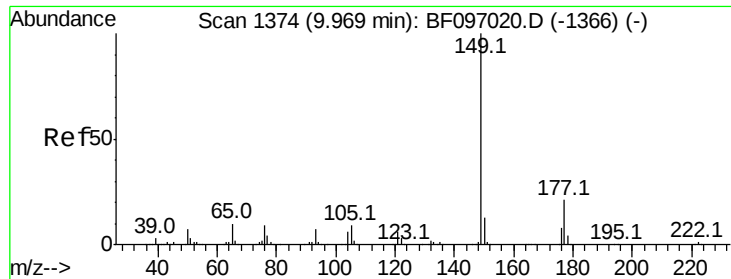
Acq: 28 Jul 2017 10:29

Tgt Ion:	172	Resp:	91450
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.6	44.4
170	23.5	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





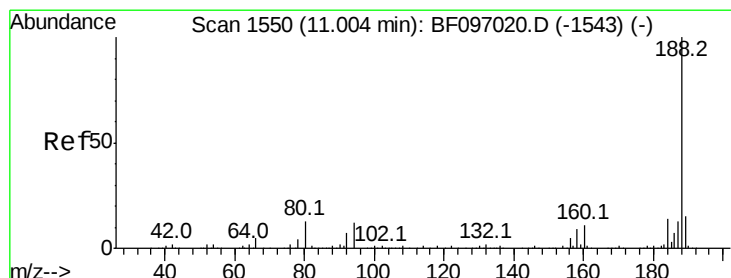
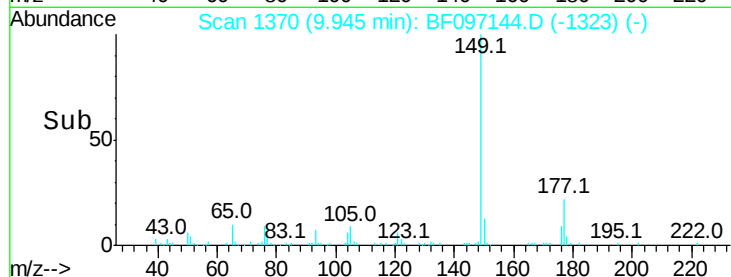
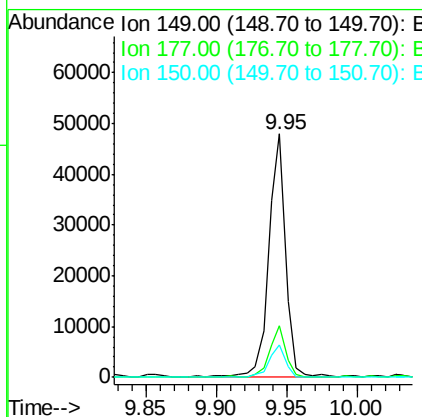
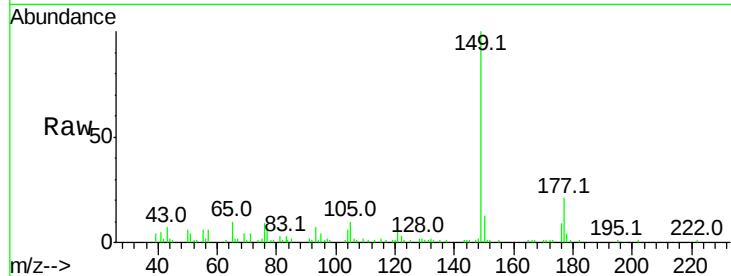
#59
Diethylphthalate
Concen: 2.869 ng
RT: 9.95 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF097144.D
Acq: 28 Jul 2017 10:29

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

Tot Ion:	149	Resp:	40800
Ion Ratio	Lower	Upper	
149	100		
177	21.4	16.7	25.1
150	13.3	10.2	15.2

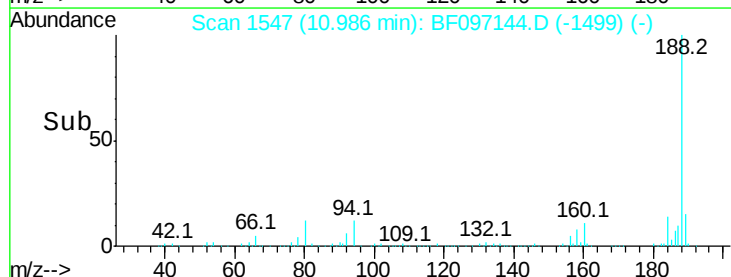
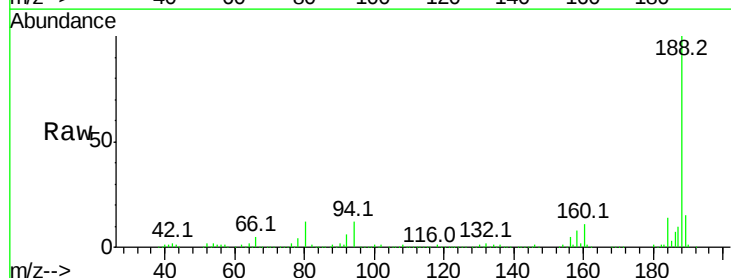
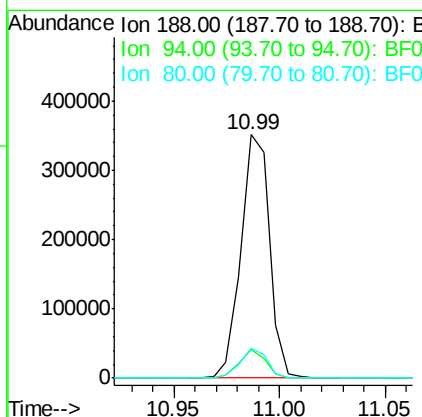
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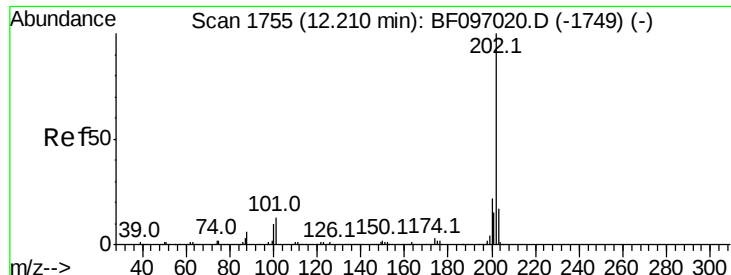
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097144.D
Acq: 28 Jul 2017 10:29

Tgt Ion:	188	Resp:	329338
Ion Ratio	Lower	Upper	
188	100		
94	12.0	9.4	14.2
80	12.0	10.2	15.2





#74

Fluoranthene

Concen: 2.335 ng

RT: 12.19 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF097144.D

Acq: 28 Jul 2017 10:29

Instrument :

BNA_F

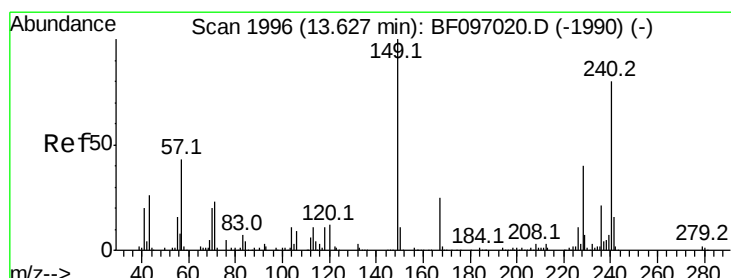
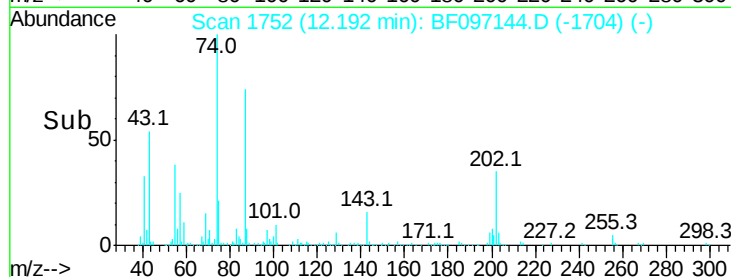
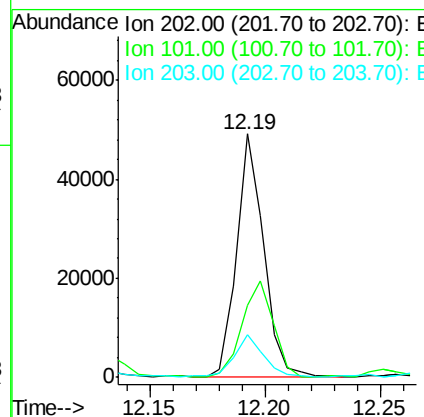
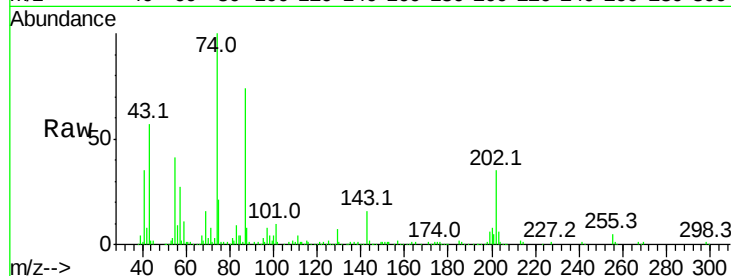
ClientSampleId :

EO-02-072517-C

Tot Ion:	202	Resp:	40360
Ion Ratio	Lower	Upper	
202	100		
101	29.5	0.0	33.2
203	17.4	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

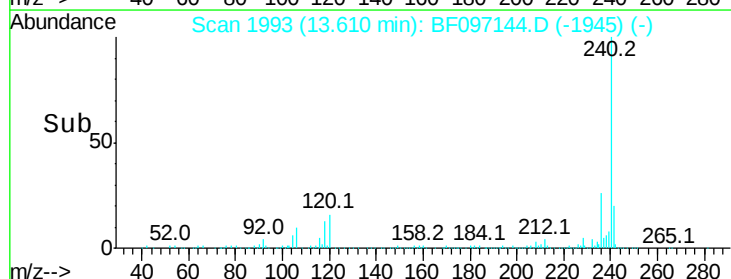
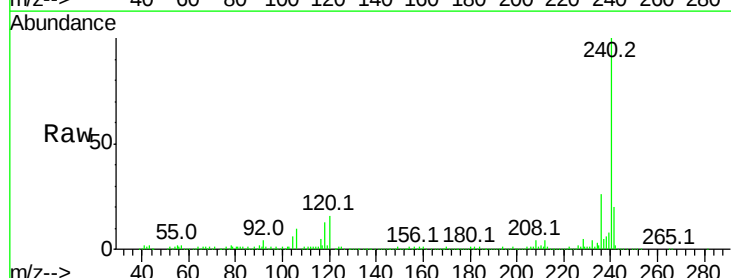
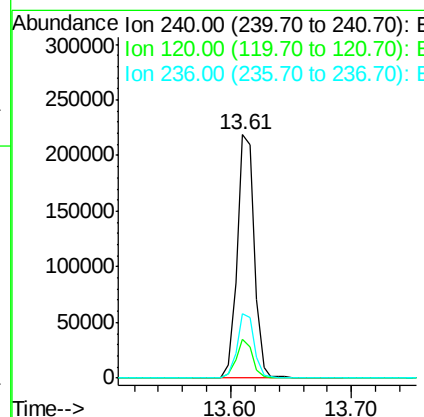
RT: 13.61 min Scan# 1993

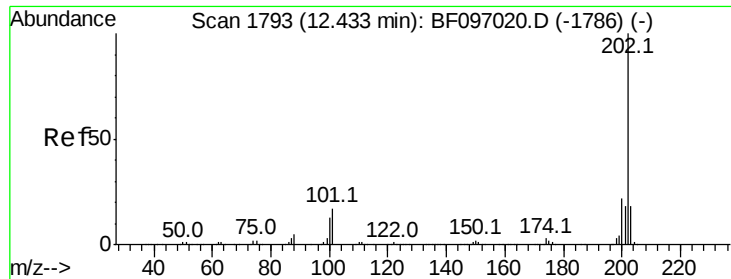
Delta R.T. -0.02 min

Lab File: BF097144.D

Acq: 28 Jul 2017 10:29

Tgt Ion:	240	Resp:	217094
Ion Ratio	Lower	Upper	
240	100		
120	16.0	5.8	8.8#
236	26.3	20.5	30.7





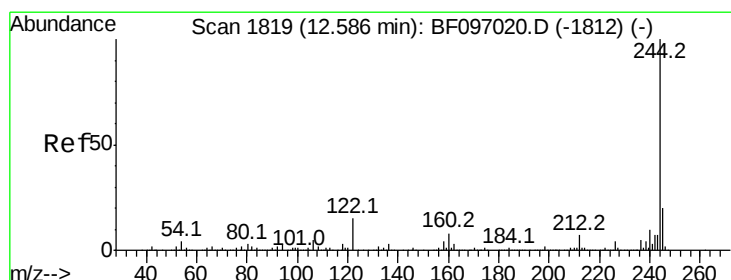
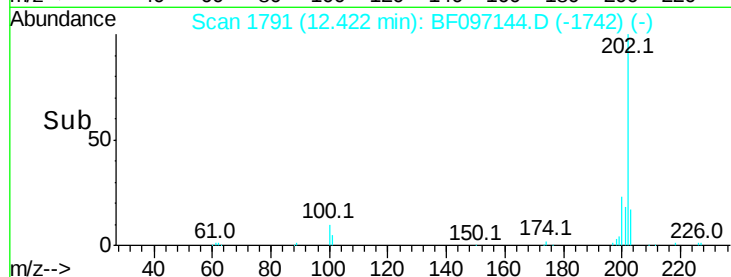
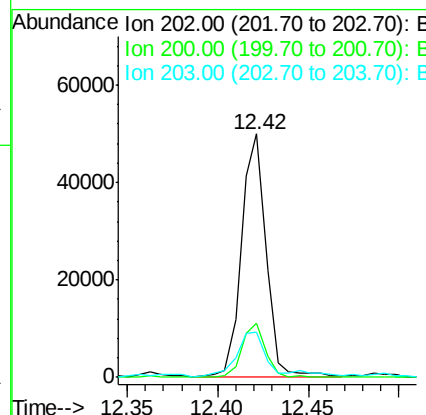
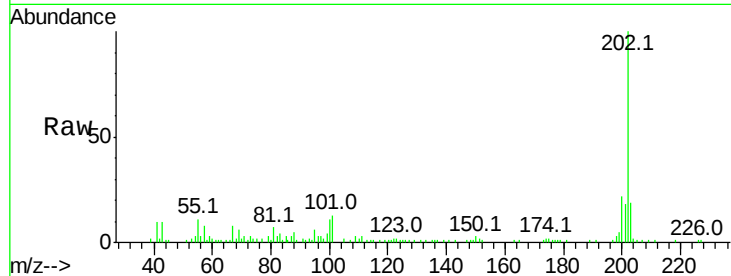
#77
Pvrene
Concen: 2.677 ng
RT: 12.42 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF097144.D
Acq: 28 Jul 2017 10:29

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.6	14.4	21.6

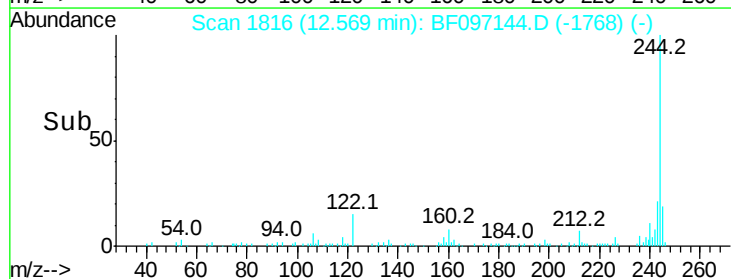
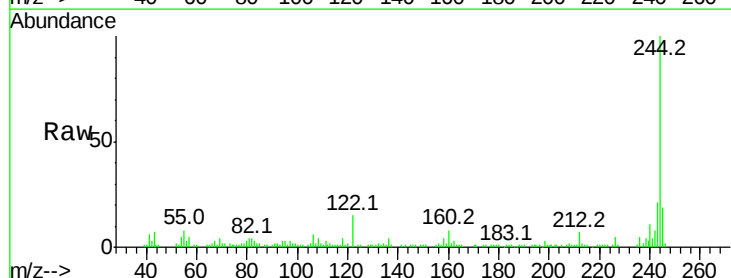
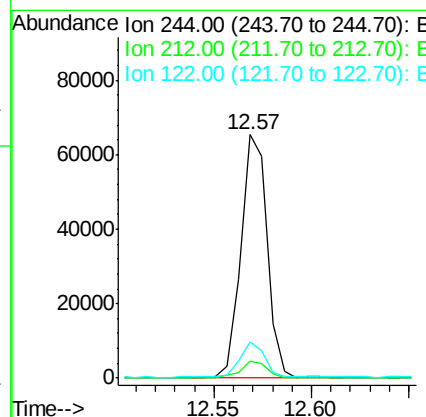
Manual Integrations
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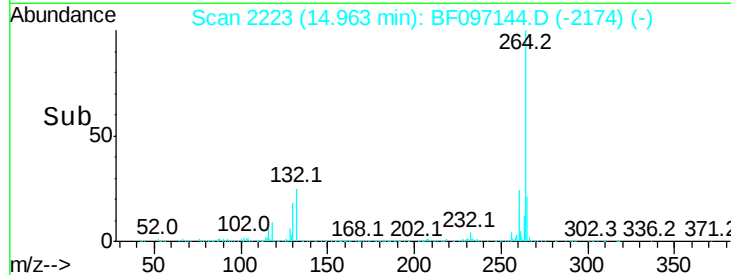
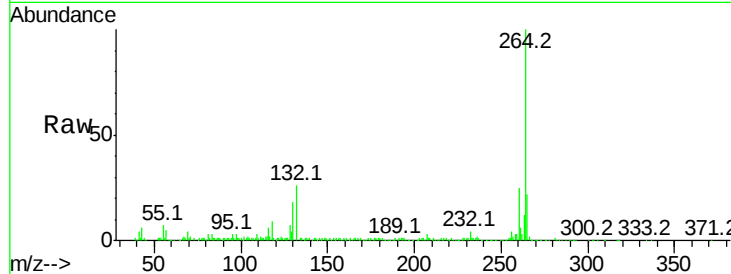
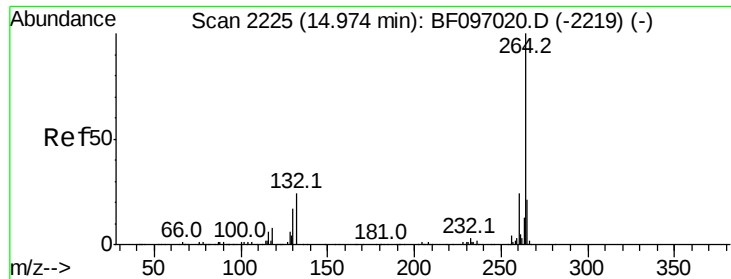
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#78
Terphenyl-d14
Concen: 5.715 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF097144.D
Acq: 28 Jul 2017 10:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	15.2	10.3	15.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097144.D
Acq: 28 Jul 2017 10:29

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

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.5	17.2	25.8

Manual Integrations
APPROVED

Sohil
7/31/2017 6:51:24 PM

