Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091117\
Data File : BE093970.D
Acq On : 11 Sep 2017 19:37
Operator : SJ/JU
Sample : I5167-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C19013061

Manual Integrations APPROVED
Sohil
9/12/2017 6:04:04 PM

Quant Time: Sep 12 08:22:17 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2501	0.40	ng		0.00
7) Naphthalene-d8	10.71	136	13125	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	8963	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	20582	0.40	ng		-0.03
27) Chrysene-d12	21.41	240	19026	0.40	ng		-0.01
34) Perylene-d12	23.93	264	15432	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	1177	0.15	ng		0.00
5) Phenol-d6	7.11	99	1008	0.08	ng		0.00
8) Nitrobenzene-d5	9.06	82	3590	0.32	ng		-0.02
11) 2-Methylnaphthalene-d10	12.28	152	6245	0.30	ng		-0.01
14) 2,4,6-Tribromophenol	16.00	330	759	0.27	ng		-0.03
15) 2-Fluorobiphenyl	13.15	172	9448	0.27	ng		-0.01
25) Fluoranthene-d10	19.27	212	65227	0.21	ng		0.00
29) Terphenyl-d14	19.86	244	27522	0.79	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.76	128	38392	0.255	ng	#	85
12) 2-Methylnaphthalene	12.36	142	9547	0.382	ng	#	95
17) Acenaphthene	14.58	154	30947	1.024	ng	#	86
18) Fluorene	15.56	166	76391	1.959	ng	#	90
23) Phenanthrene	17.27	178	67216m	1.245	ng		
24) Anthracene	17.37	178	11216m	0.179	ng		
32) Bis(2-ethylhexyl)phthalate	21.30	149	23481	0.165	ng	#	95

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

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Instrument :
BNA_E
ClientSampleId :
C19013061

Manual Integrations APPROVED
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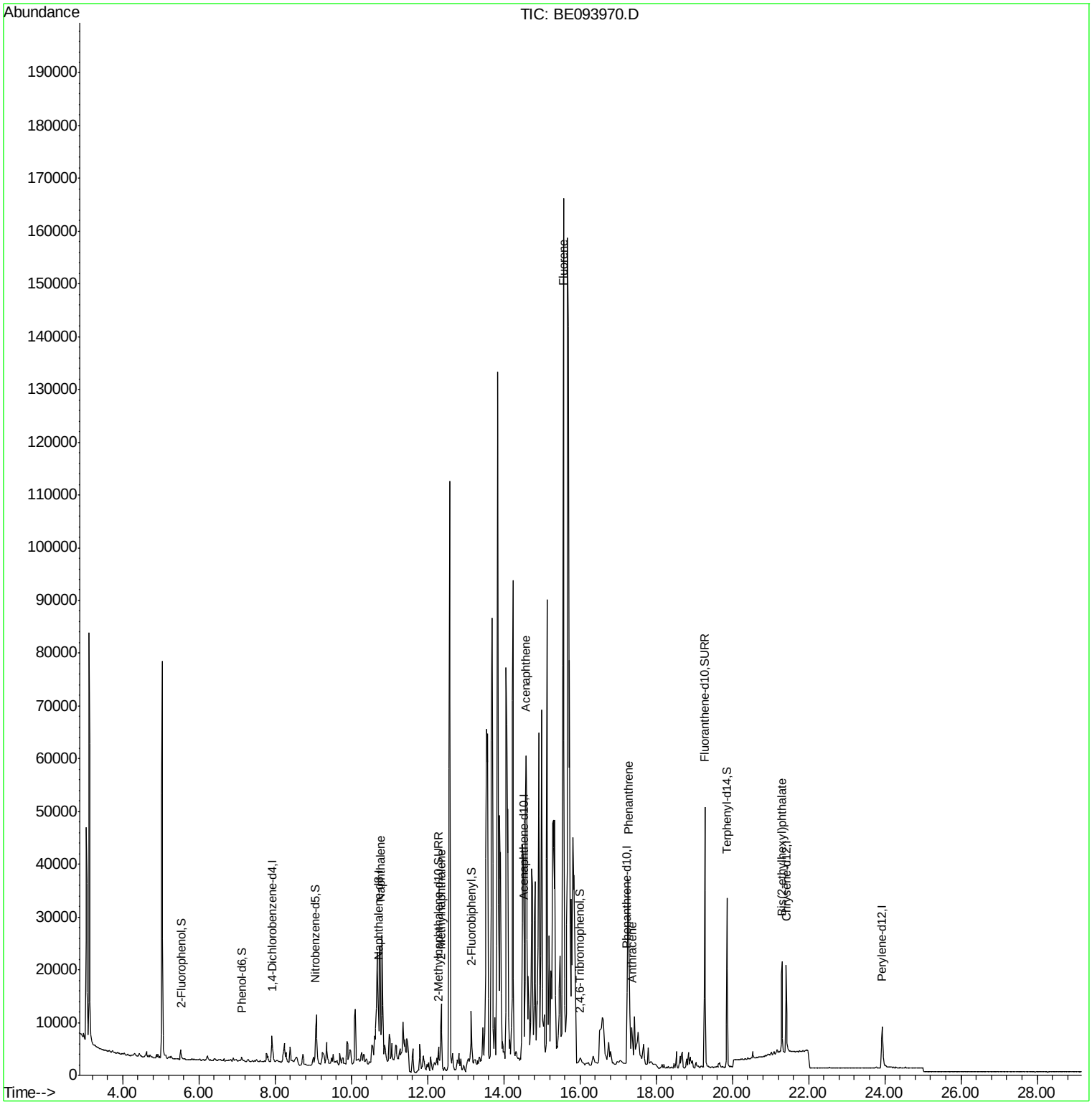
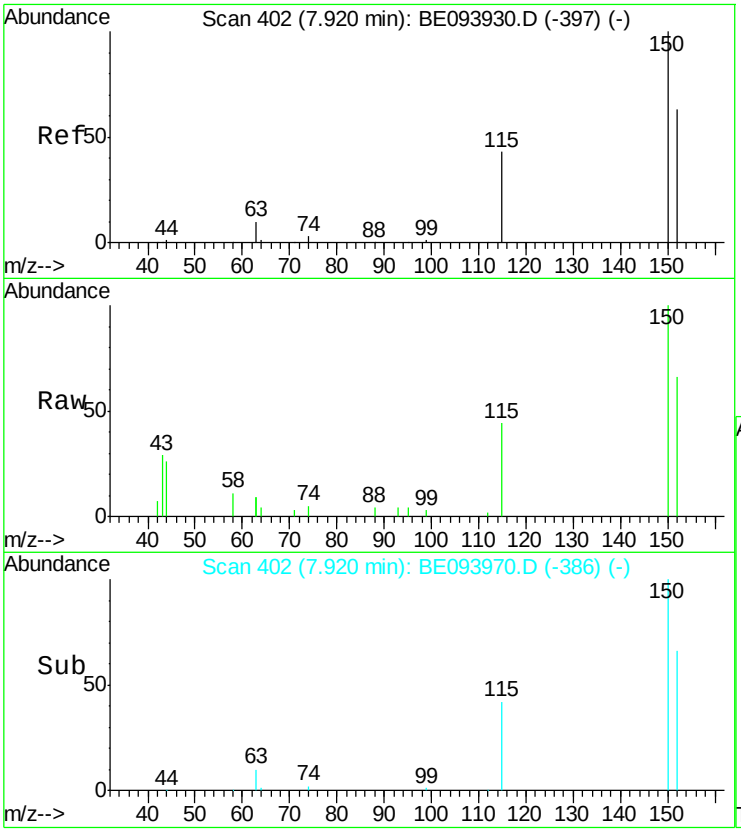
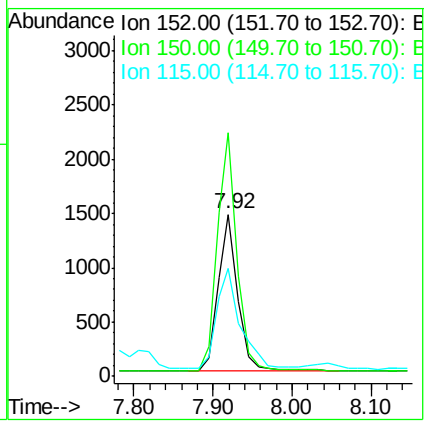




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:152 Resp: 2501

Ion	Ratio	Lower	Upper
152	100		
150	150.5	121.8	182.6
115	66.7	52.6	79.0



Instrument :
BNA_E
ClientSampleId :
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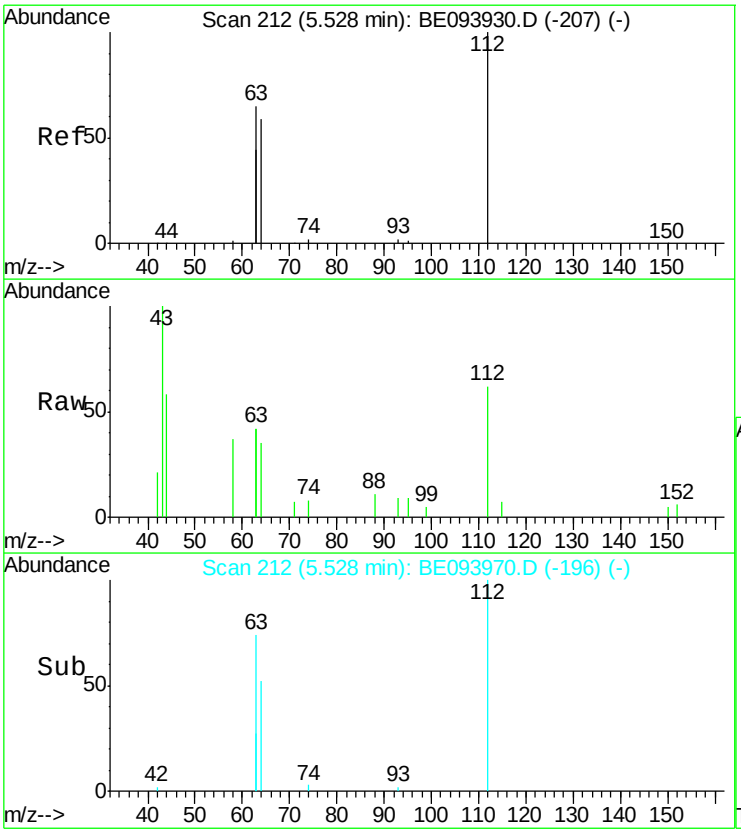
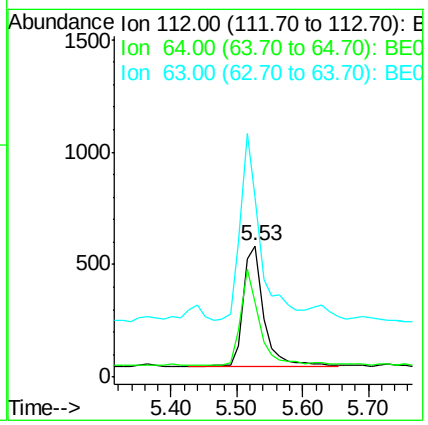
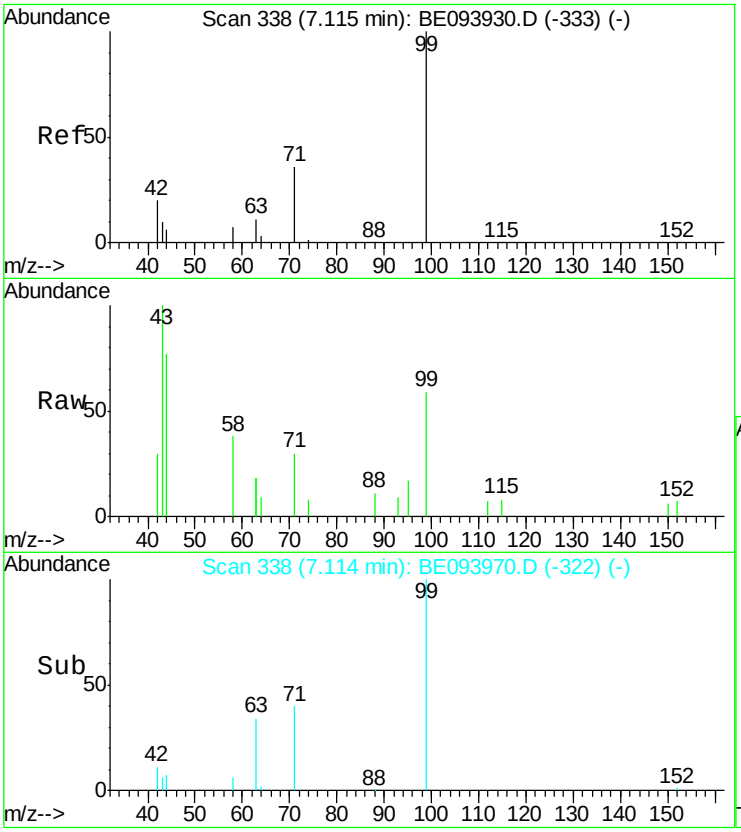


#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:112 Resp: 1177

Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.7	86.5
63	146.0	116.0	174.0

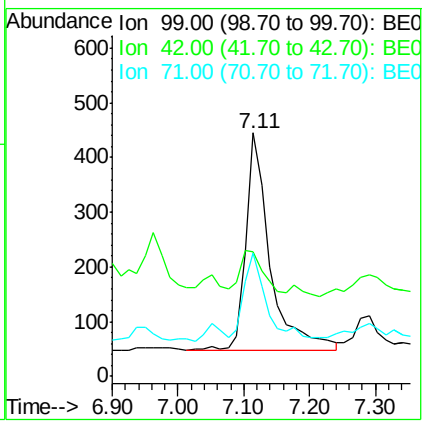




#5
Phenol-d6
Concen: 0.083 ng
RT: 7.11 min Scan# 338
Delta R.T. -0.00 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion: 99 Resp: 1008

Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.1	25.7
71	34.8	26.6	39.8



Instrument :
BNA_E
ClientSampleId :
C19013061

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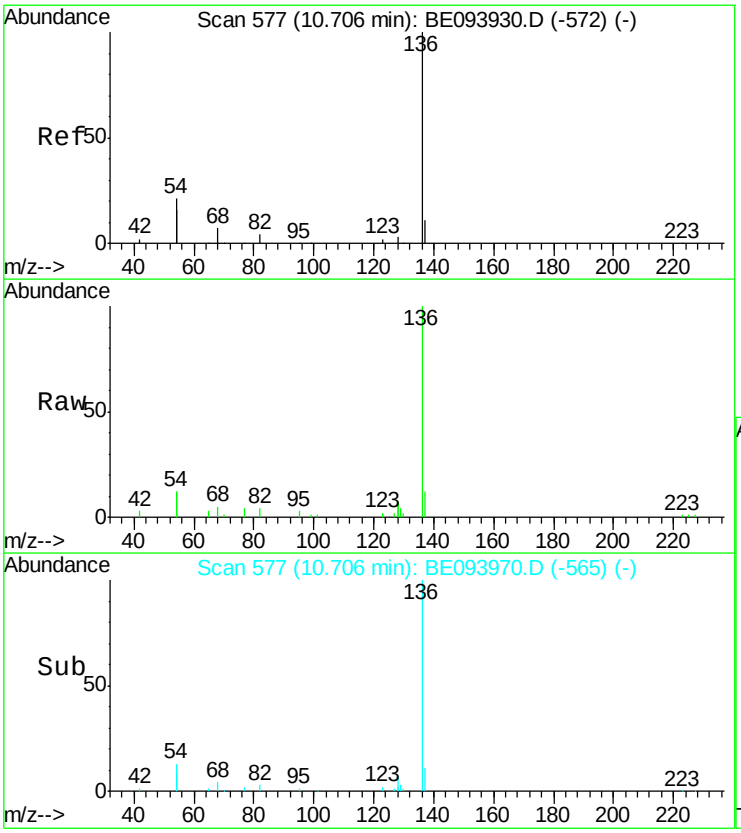
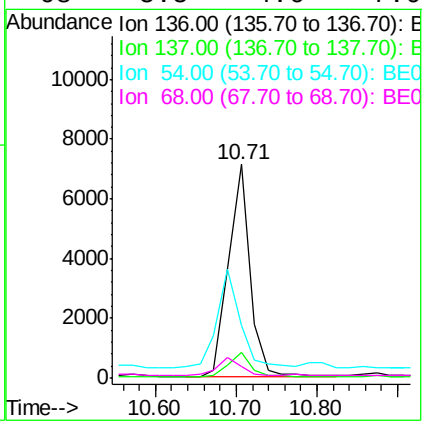
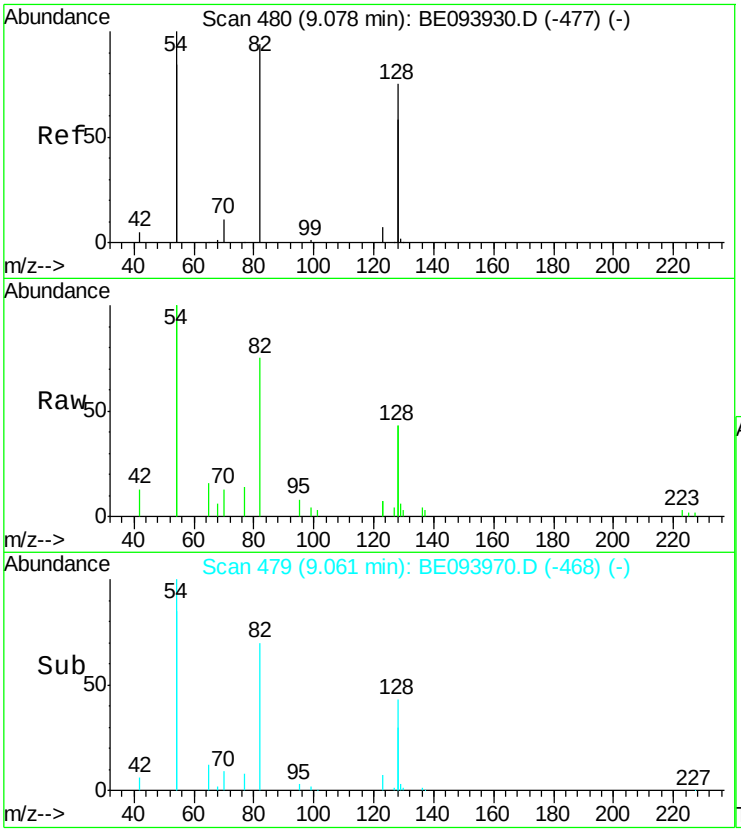


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:136 Resp: 13125

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	24.8	21.9	32.9
68	5.5	4.6	7.0

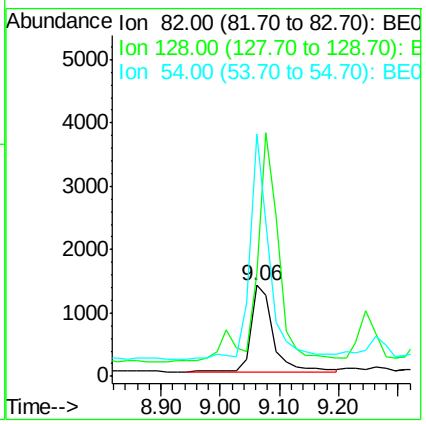




#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.02 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion: 82 Resp: 3590

Ion	Ratio	Lower	Upper
82	100		
128	113.8	91.4	137.0
54	267.6	197.8	296.8



Instrument :
BNA_E
ClientSampleId :
C19013061

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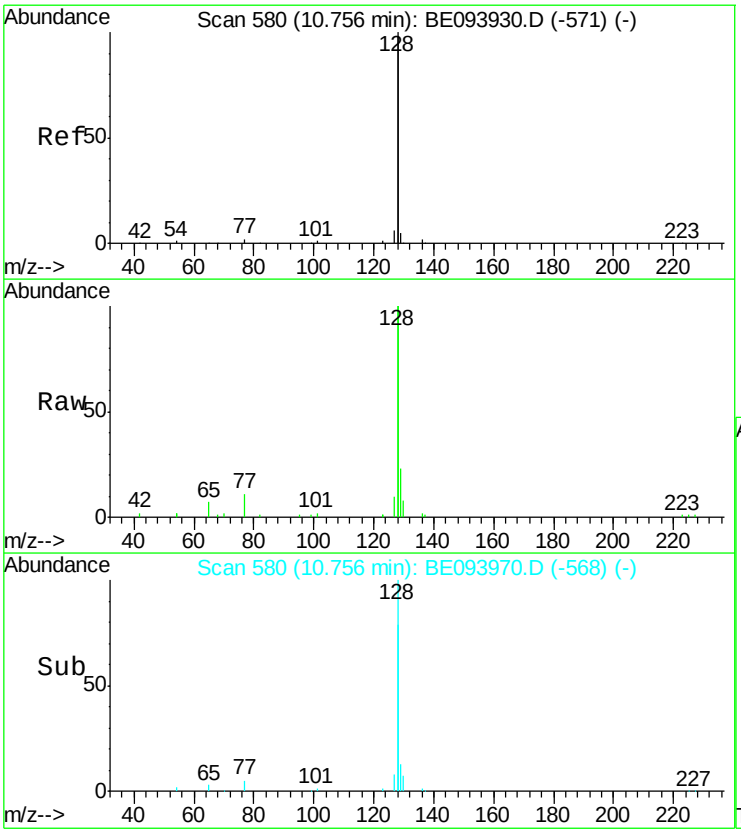
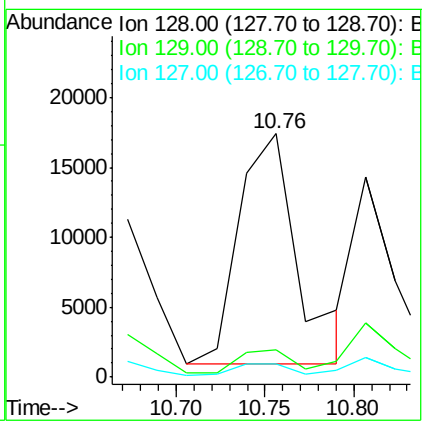
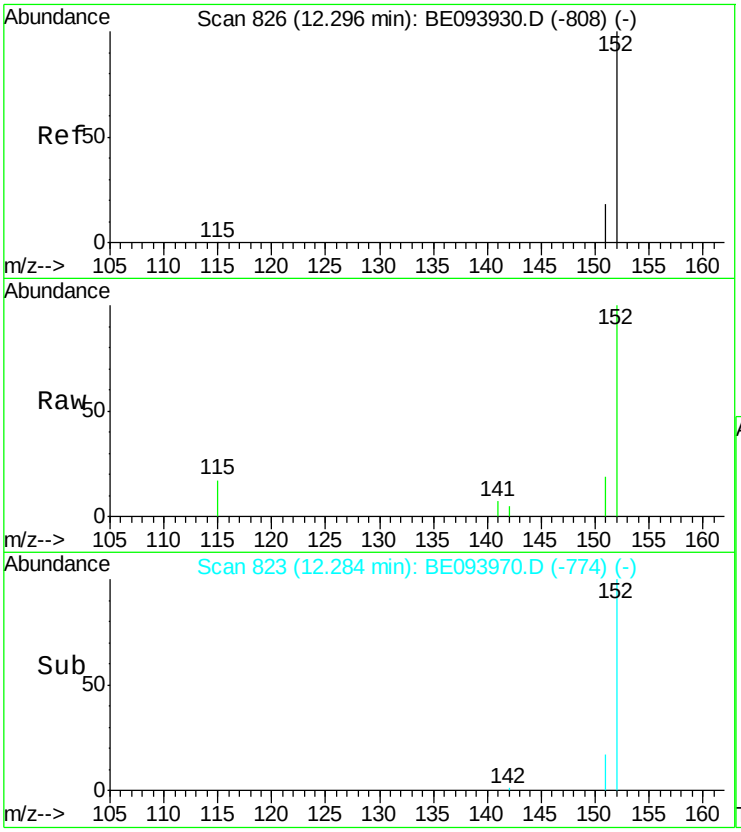


#9
Naphthalene
Concen: 0.255 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:128 Resp: 38392

Ion	Ratio	Lower	Upper
128	100		
129	11.4	2.5	3.7#
127	5.2	2.6	4.0#





#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.28 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:152 Resp: 6245

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

Instrument :
BNA_E
ClientSampleId :
C19013061

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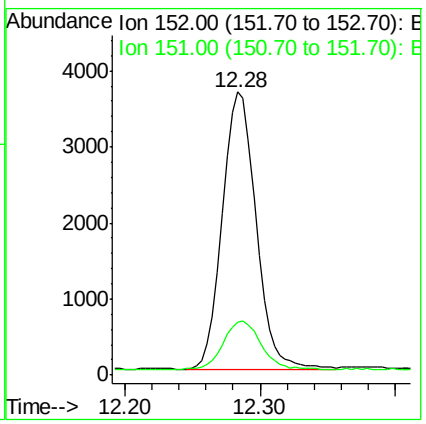
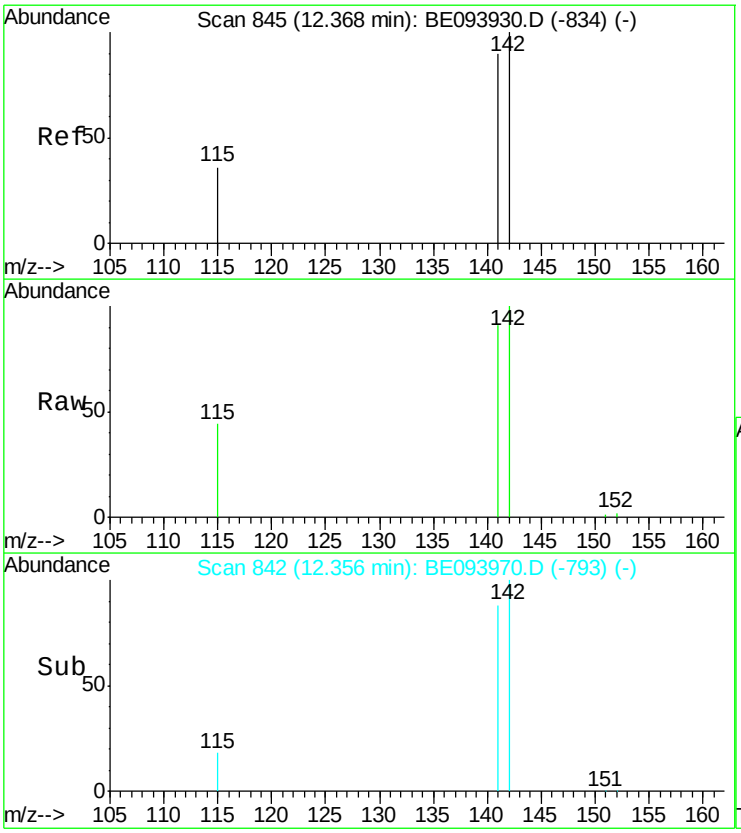
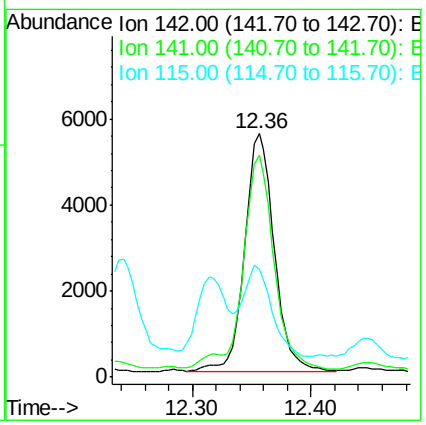


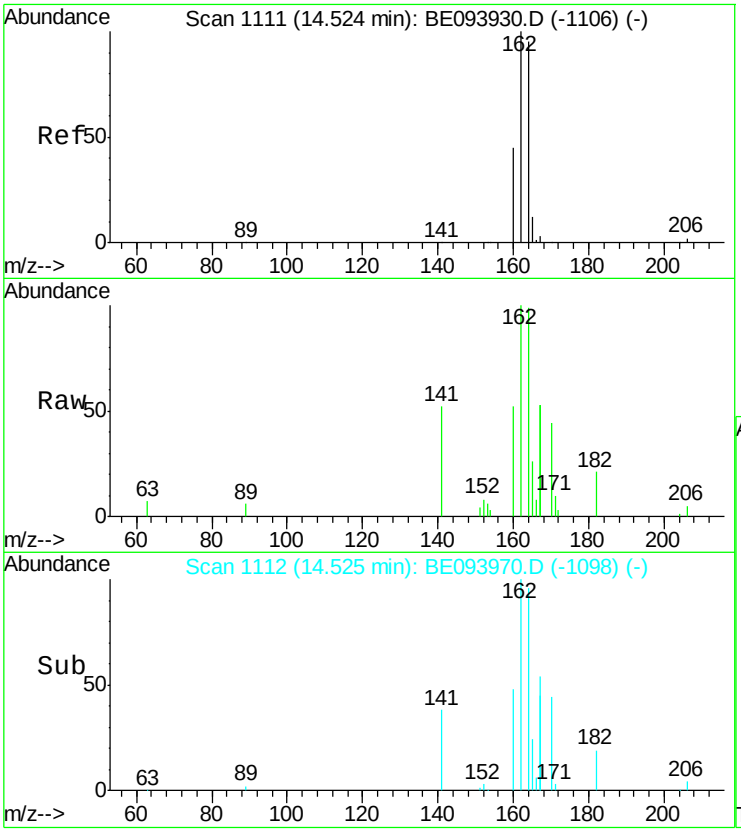


#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 12.36 min Scan# 842
Delta R.T. -0.01 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:142 Resp: 9547

Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.4	107.2
115	44.4	29.4	44.0#

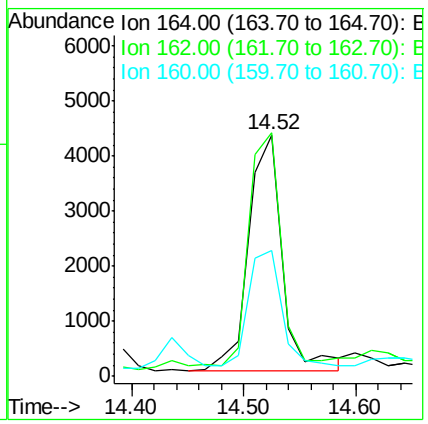




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:164 Resp: 8963

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.8	121.2
160	52.1	37.0	55.4



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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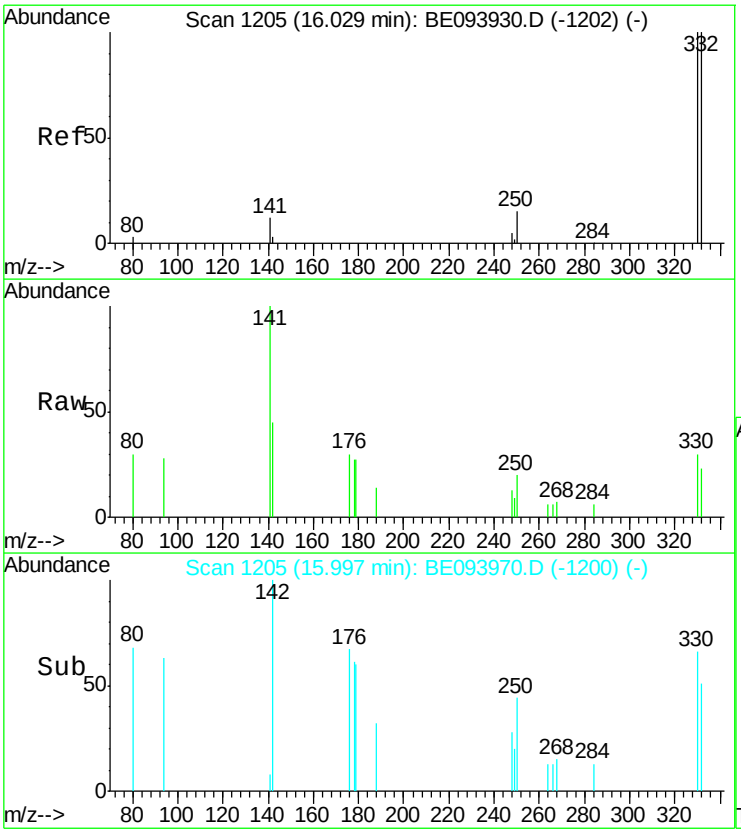
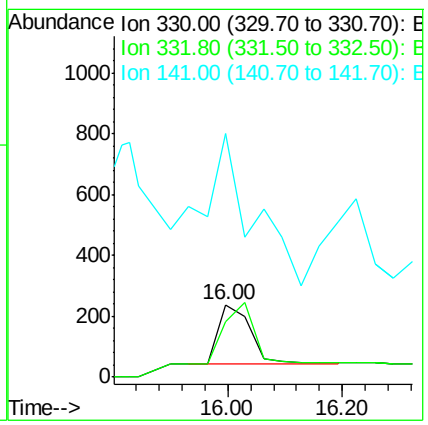
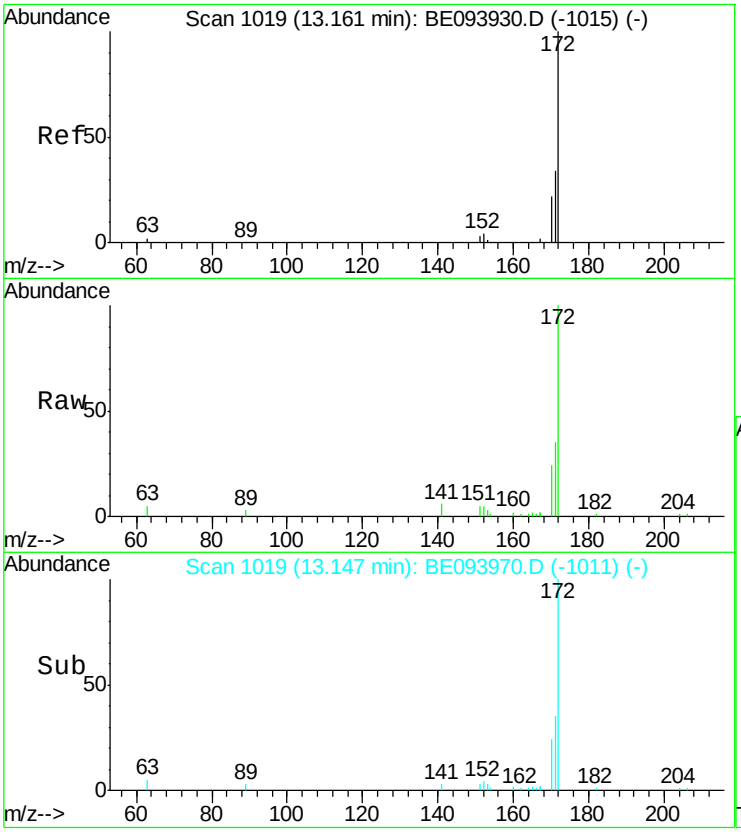


#14
2,4,6-Tribromophenol
Concen: 0.274 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:330 Resp: 759

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.9	115.3#
141	405.8	0.0	0.0#

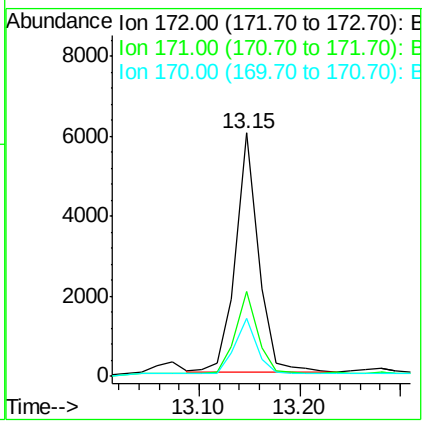




#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:172 Resp: 9448

Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.9	40.3
170	23.9	17.3	25.9



Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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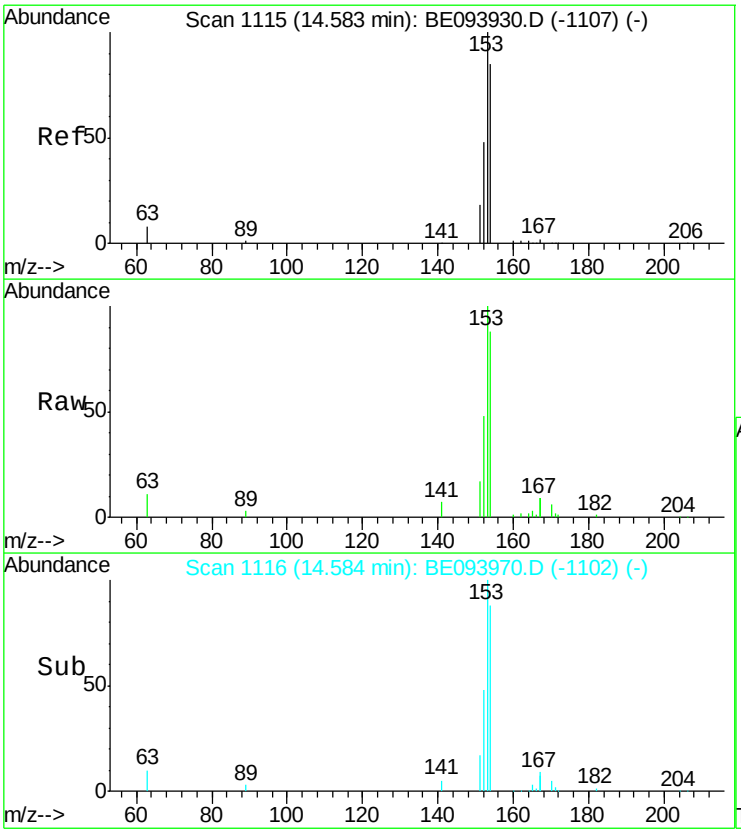
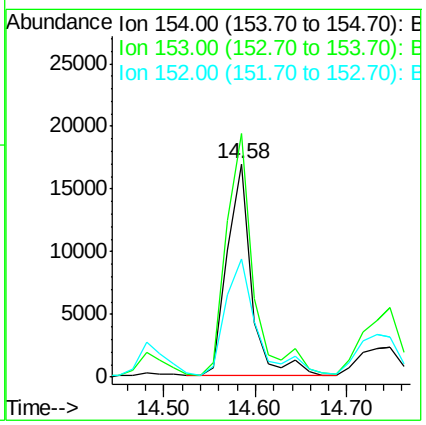
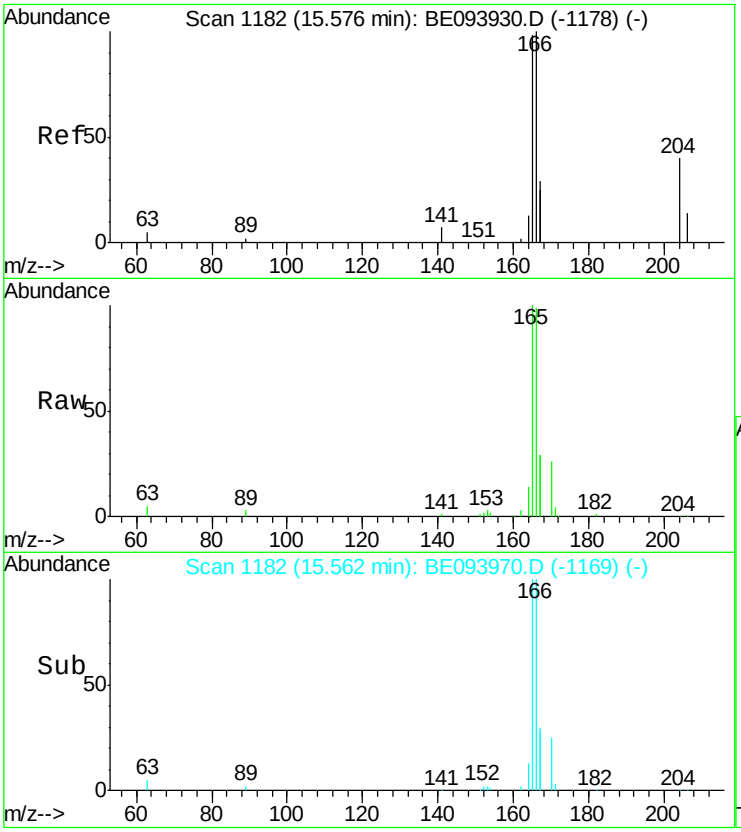


#17
Acenaphthene
Concen: 1.024 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:154 Resp: 30947

Ion	Ratio	Lower	Upper
154	100		
153	126.9	91.8	137.6
152	71.4	44.9	67.3#





#18
Fluorene
Concen: 1.959 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:166 Resp: 76391

Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.4	119.0
167	72.5	43.5	65.3#

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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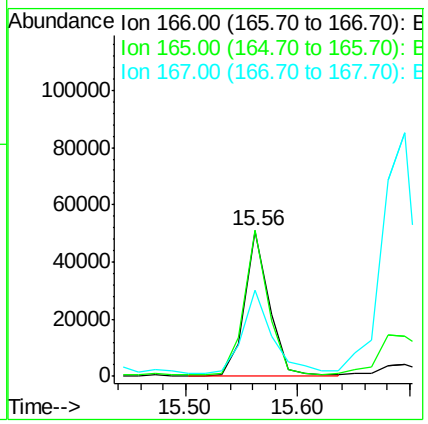
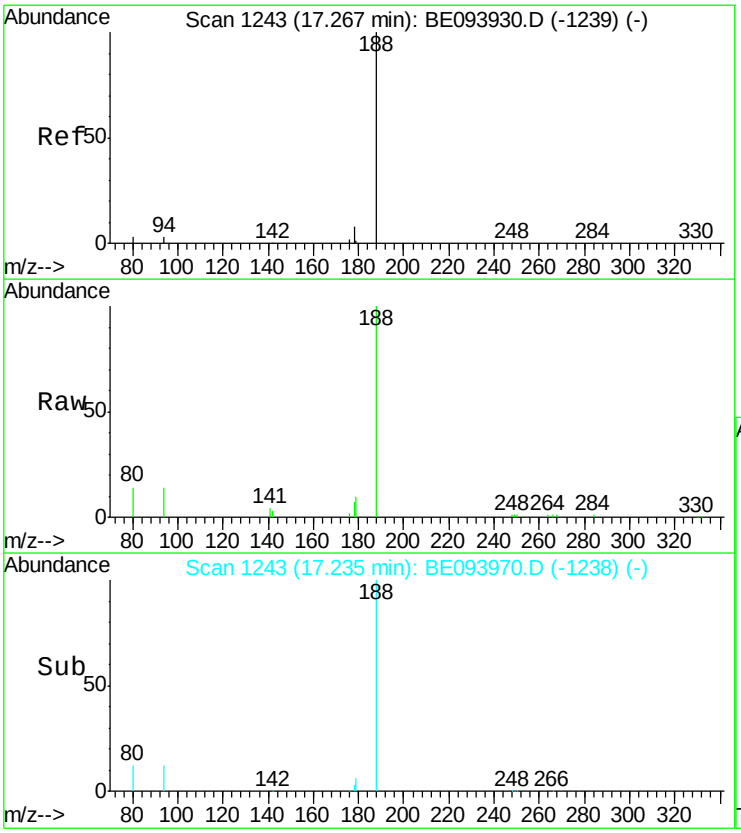
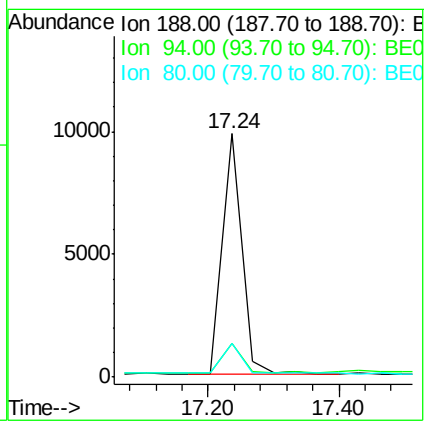


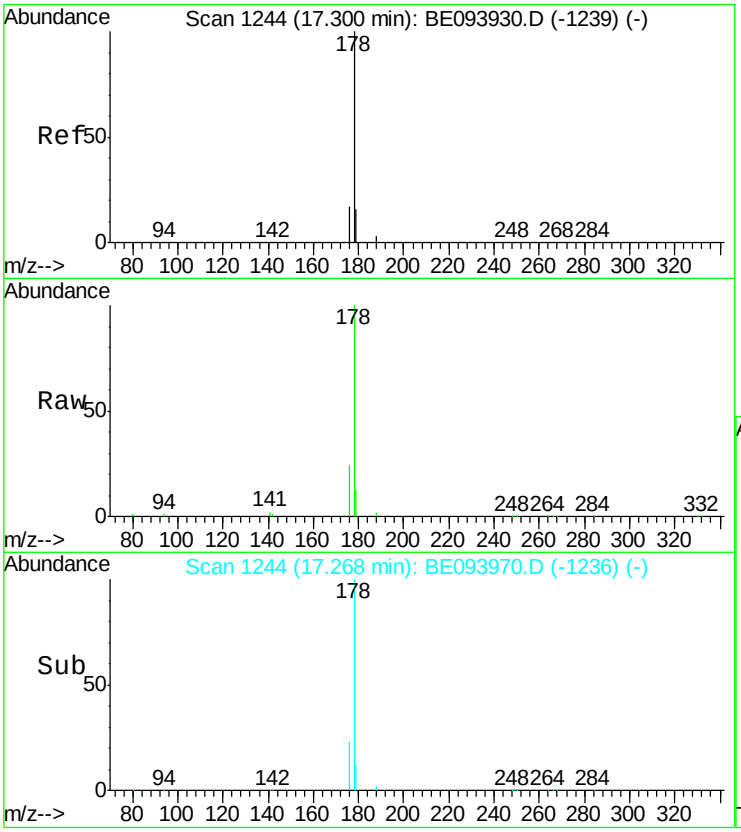


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:188 Resp: 20582

Ion	Ratio	Lower	Upper
188	100		
94	13.6	16.1	24.1#
80	13.6	18.2	27.2#





#23
Phenanthrene
Concen: 1.245 ng m
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:178 Resp: 67216

Ion	Ratio	Lower	Upper
178	100		
176	20.7	0.0	0.0#
179	22.4	12.6	18.8#

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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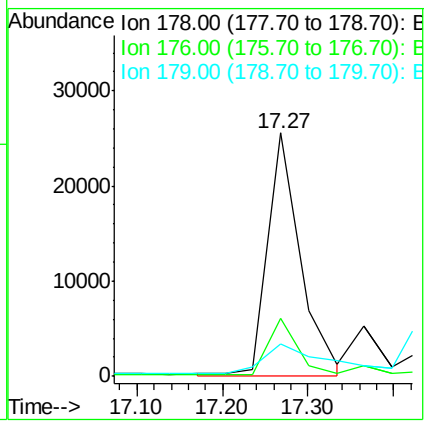
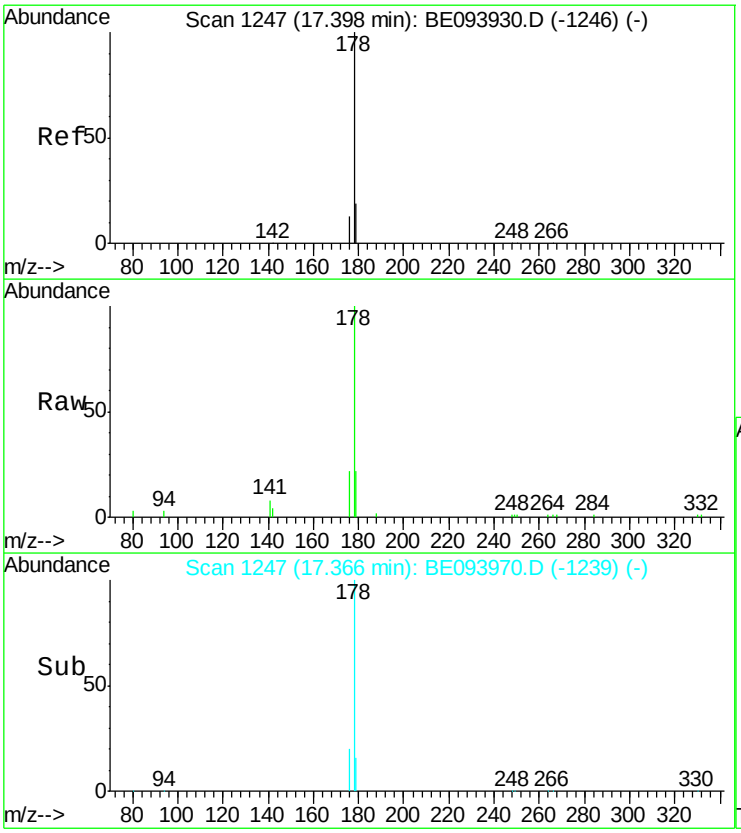
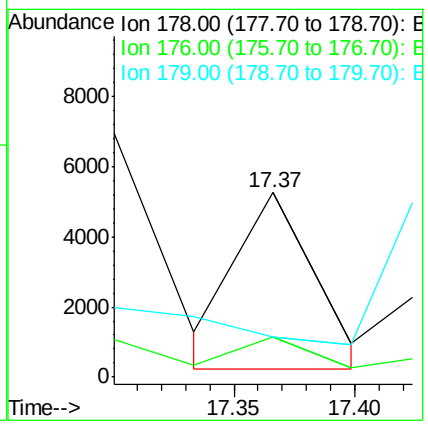


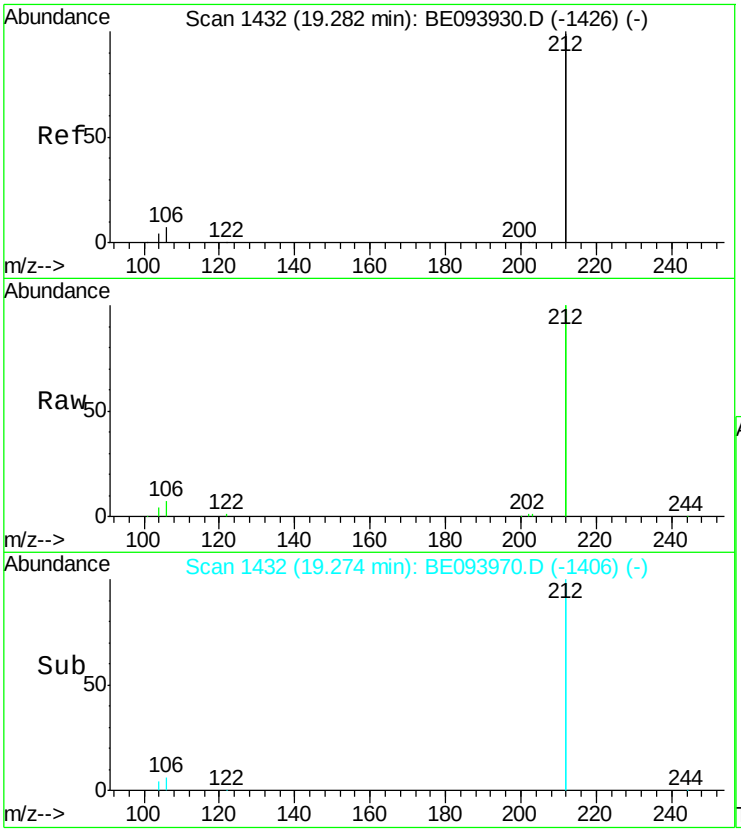


#24
Anthracene
Concen: 0.179 ng m
RT: 17.37 min Scan# 1247
Delta R.T. -0.03 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:178 Resp: 11216

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	0.0	0.0	0.0





#25
Fluoranthene-d10
Concen: 0.213 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:212 Resp: 65227

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.7	4.1
104	2.5	1.6	2.4#

Instrument :
BNA_E
ClientSampleId :
C19013061

Manual Integrations APPROVED
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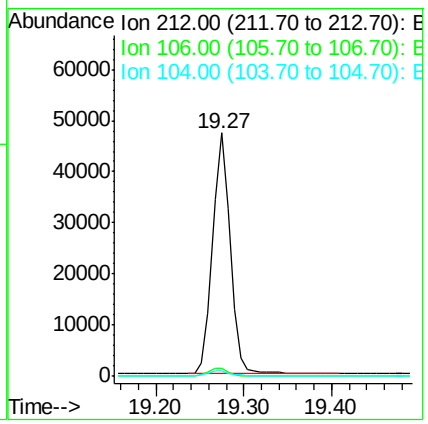
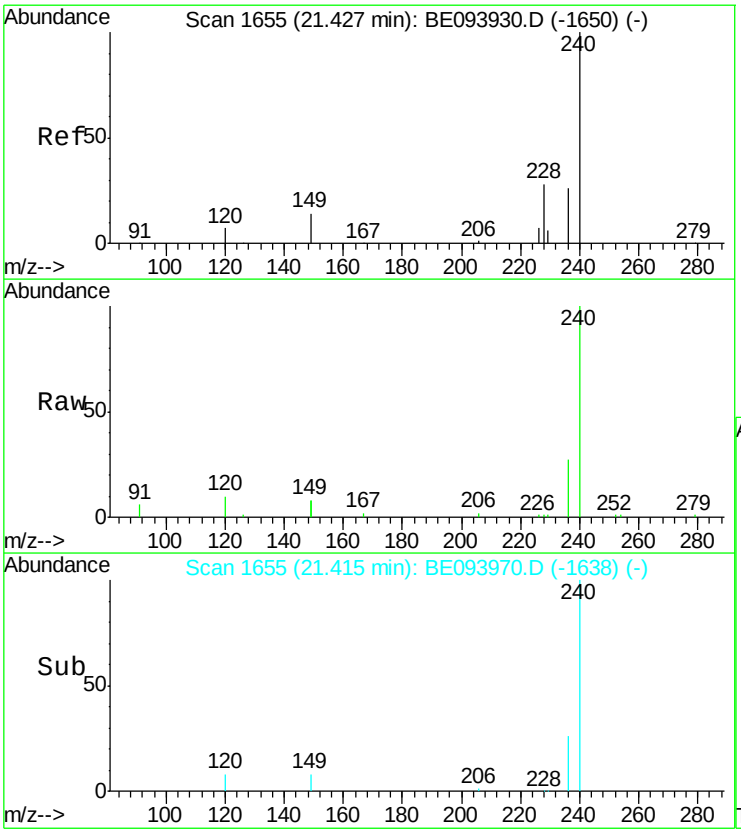
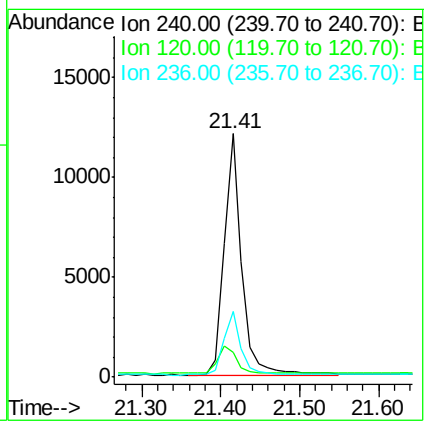


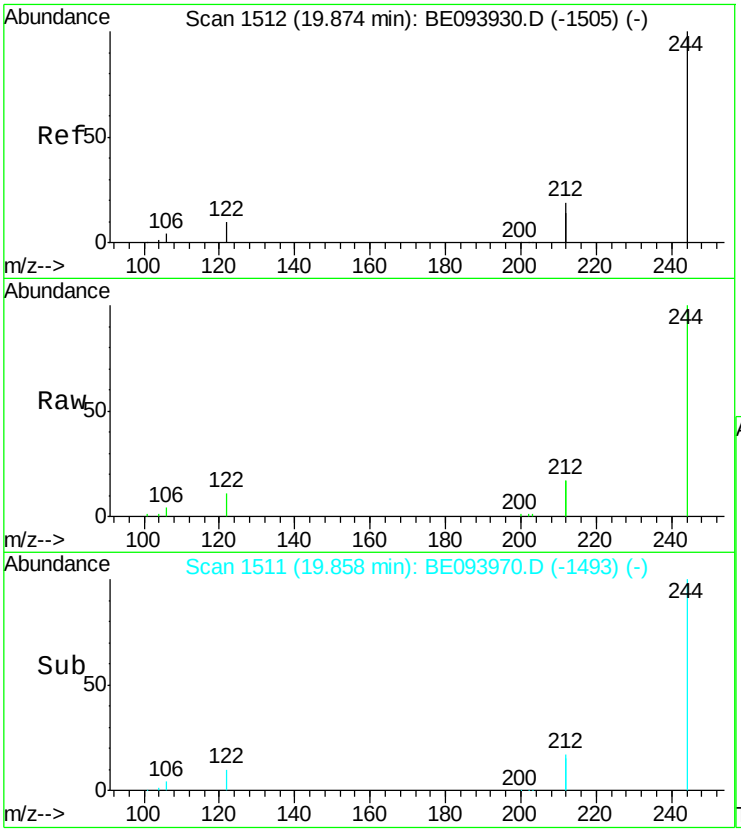


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:240 Resp: 19026

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.7	13.1
236	27.1	21.3	31.9

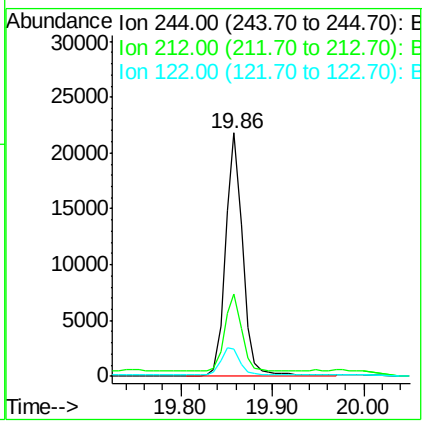




#29
Terphenyl-d14
Concen: 0.786 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.02 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:244 Resp: 27522

Ion	Ratio	Lower	Upper
244	100		
212	33.8	28.3	42.5
122	11.0	9.4	14.0



Instrument :
BNA_E
ClientSampleId :
C19013061

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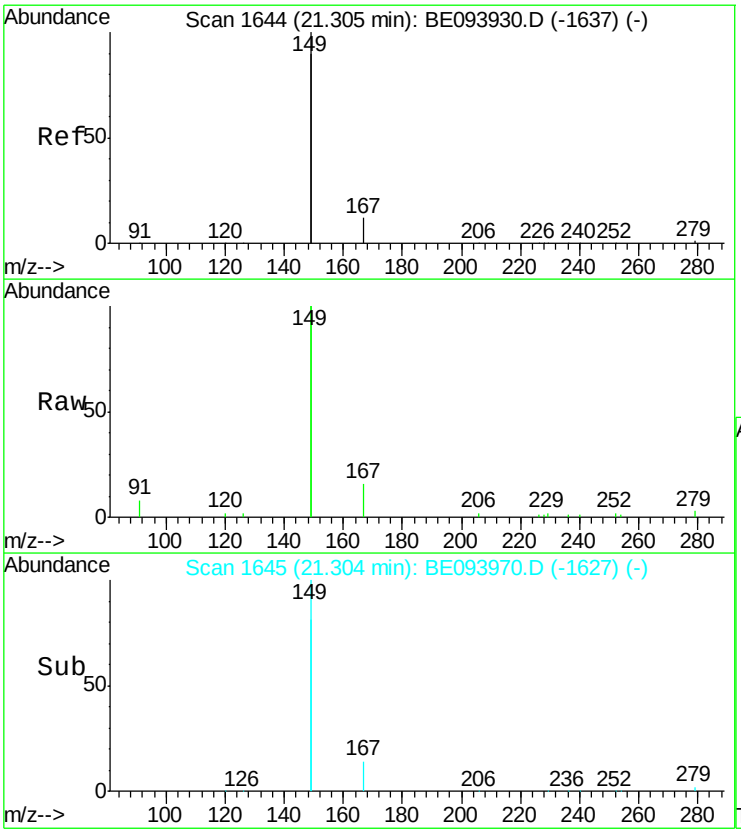
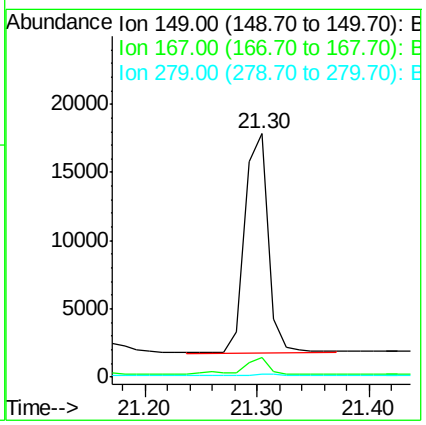
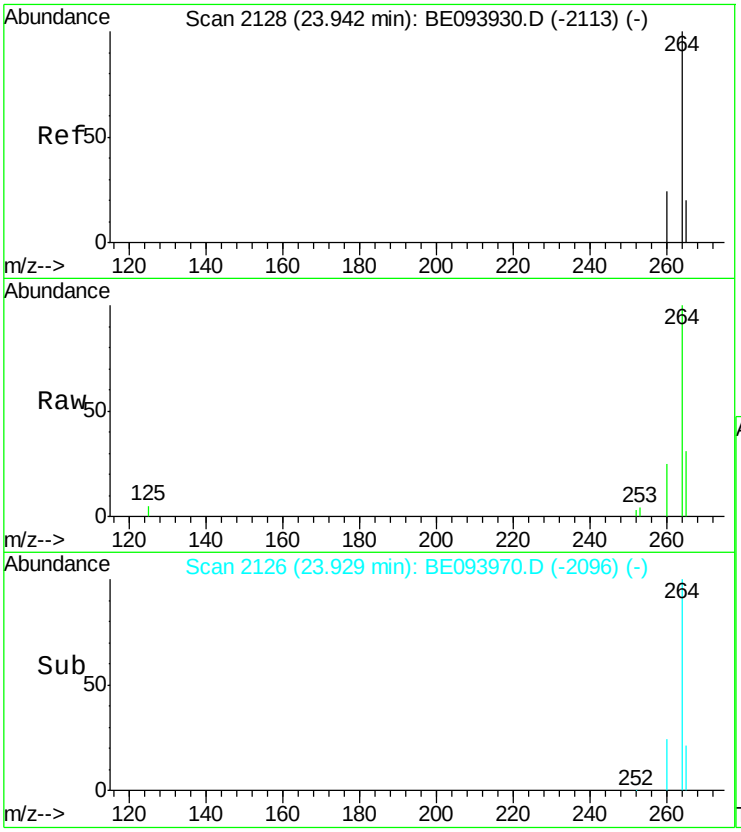


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.165 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:149 Resp: 23481

Ion	Ratio	Lower	Upper
149	100		
167	8.8	5.4	8.0#
279	1.1	0.7	1.1

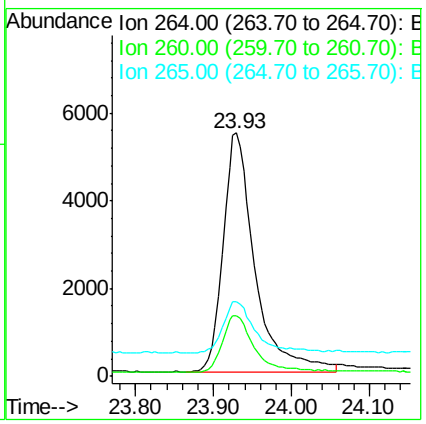




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BE093970.D
Acq: 11 Sep 2017 19:37

Tgt Ion:264 Resp: 15432

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	30.7	24.0	36.0



Instrument :
BNA_E
ClientSampleId :
C19013061

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