Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091417\
Data File : BE093999.D
Acq On : 14 Sep 2017 11:04
Operator : SJ/JU
Sample : I5189-02
Misc :
ALS Vial : 3 Sample Multiplier: 2

Instrument :
BNA_E
ClientSampleId :
PR-MW-02-090817

Manual Integrations APPROVED
Sohil
9/18/2017 3:31:01 PM

Quant Time: Sep 18 15:06:36 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	6218	0.80	ng		0.00
7) Naphthalene-d8	10.71	136	38536	0.80	ng		0.00
13) Acenaphthene-d10	14.51	164	41095	0.80	ng		-0.01
19) Phenanthrene-d10	17.24	188	61508	0.80	ng		-0.03
27) Chrysene-d12	21.42	240	50656	0.80	ng		-0.01
34) Perylene-d12	23.93	264	44642	0.80	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	1059	0.11	ng		0.00
5) Phenol-d6	7.11	99	785	0.05	ng		0.00
8) Nitrobenzene-d5	9.06	82	3286	0.20	ng		-0.02
11) 2-Methylnaphthalene-d10	12.28	152	6062	0.20	ng		-0.02
14) 2,4,6-Tribromophenol	16.00	330	812m	0.13	ng		-0.03
15) 2-Fluorobiphenyl	13.15	172	9572	0.12	ng		-0.01
25) Fluoranthene-d10	19.27	212	63888	0.14	ng		0.00
29) Terphenyl-d14	19.86	244	13747	0.29	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.76	128	95734	0.433	ng	#	86
12) 2-Methylnaphthalene	12.35	142	99831	2.721	ng		99
17) Acenaphthene	14.58	154	4760	0.069	ng	#	61
18) Fluorene	15.56	166	11856	0.133	ng	#	82
22) Pentachlorophenol	16.91	266	548	0.112	ng		90
32) Bis(2-ethylhexyl)phthalate	21.30	149	5161	0.027	ng	#	99

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

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Instrument :
BNA_E
ClientSampleId :
PR-MW-02-090817

Manual Integrations APPROVED
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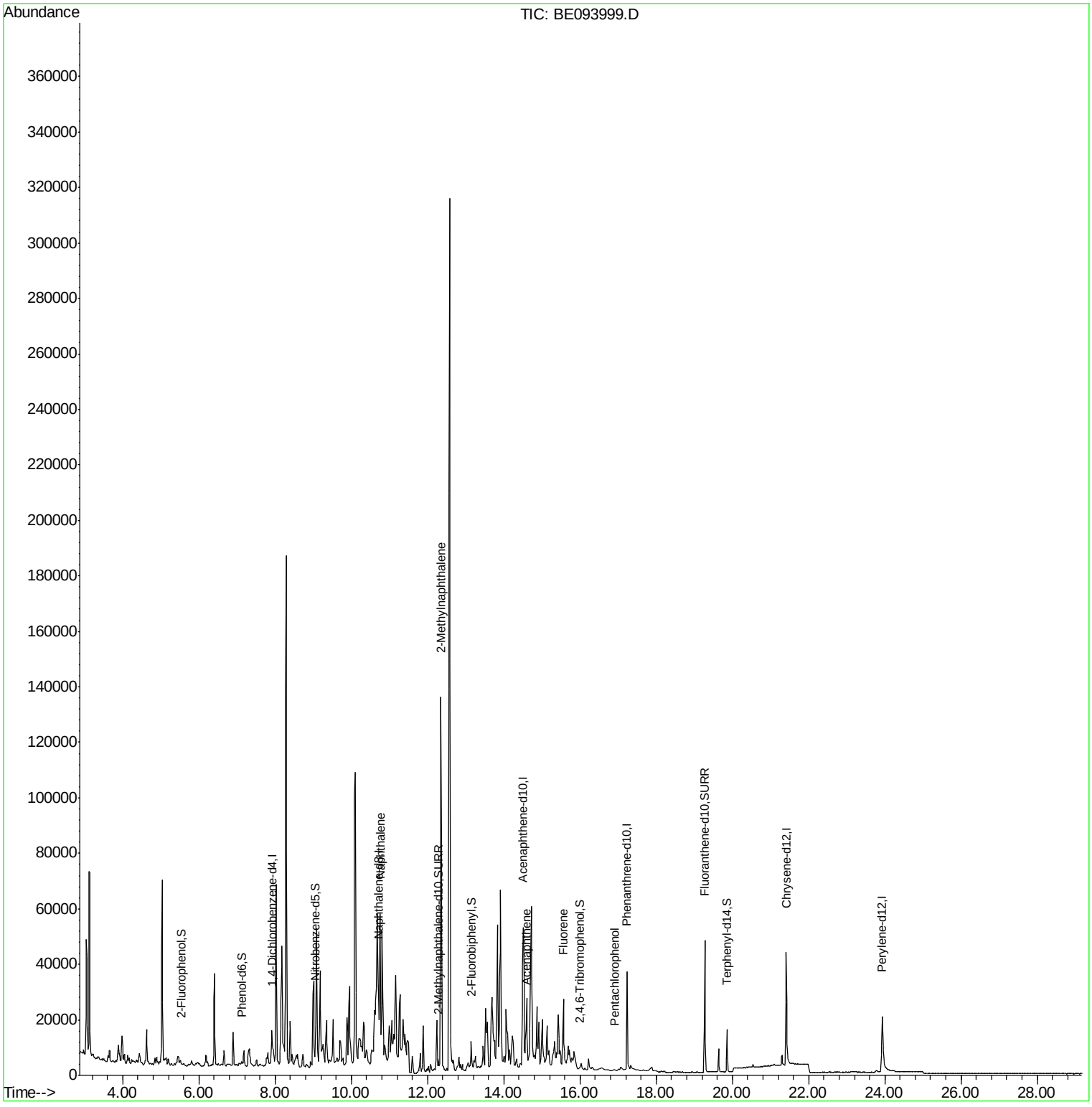
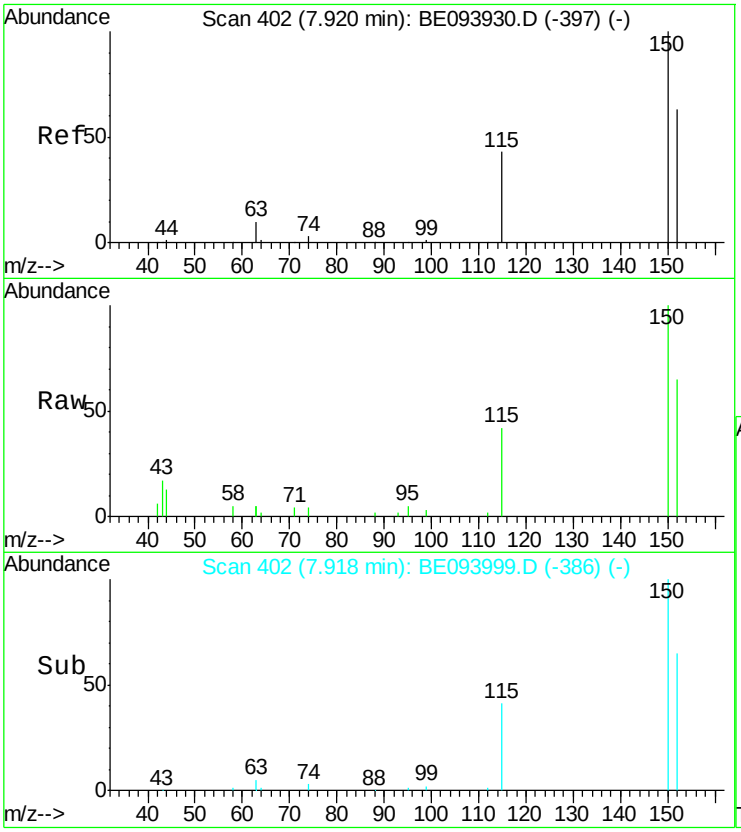
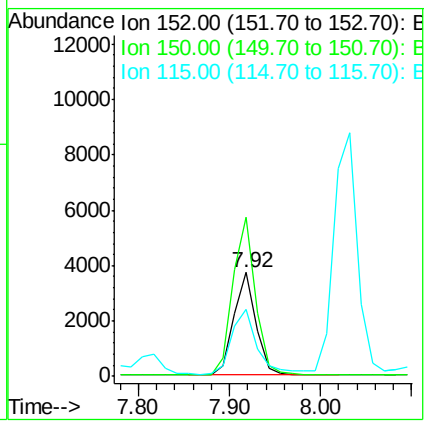




#1
1,4-Dichlorobenzene-d4
Concen: 0.800 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:152 Resp: 6218

Ion	Ratio	Lower	Upper
152	100		
150	153.8	121.8	182.6
115	64.7	52.6	79.0



Instrument :
BNA_E
ClientSampleId :
PR-MW-02-090817

Manual Integrations APPROVED
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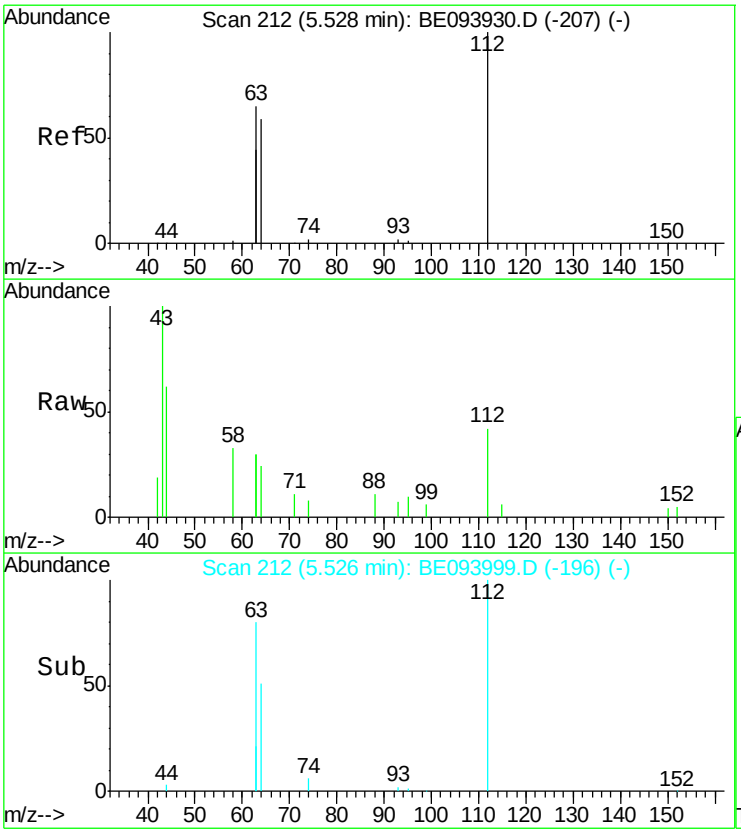
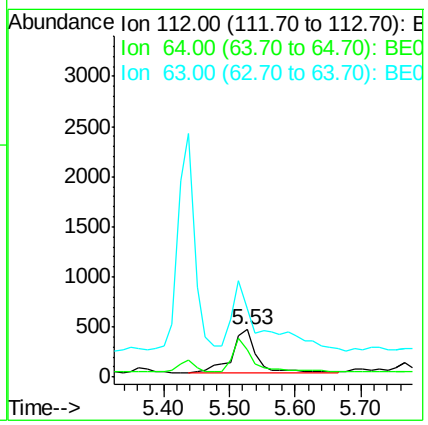
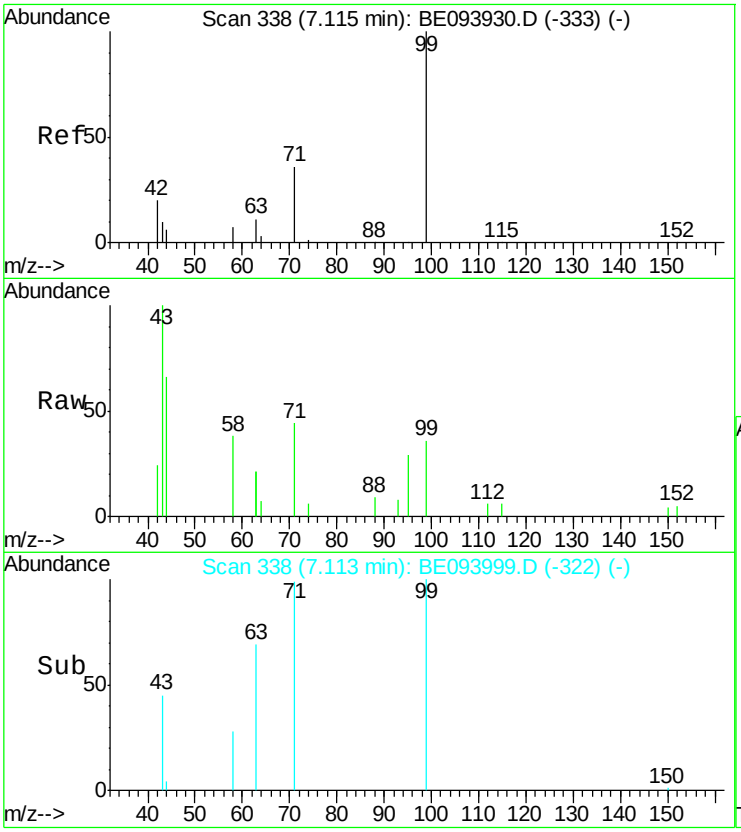


#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:112 Resp: 1059

Ion	Ratio	Lower	Upper
112	100		
64	62.7	57.7	86.5
63	201.1	116.0	174.0#

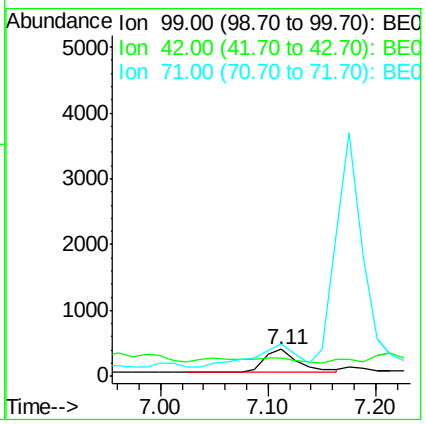




#5
Phenol-d6
Concen: 0.052 ng
RT: 7.11 min Scan# 338
Delta R.T. -0.00 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion: 99 Resp: 785

Ion	Ratio	Lower	Upper
99	100		
42	24.2	17.1	25.7
71	118.3	26.6	39.8#



Instrument :
BNA_E
ClientSampleId :
PR-MW-02-090817

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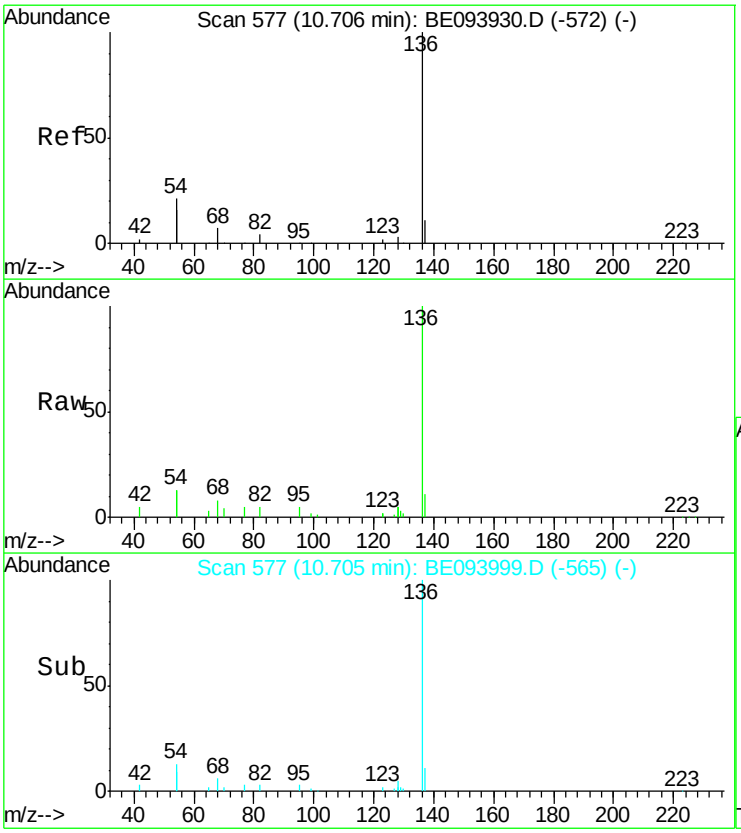
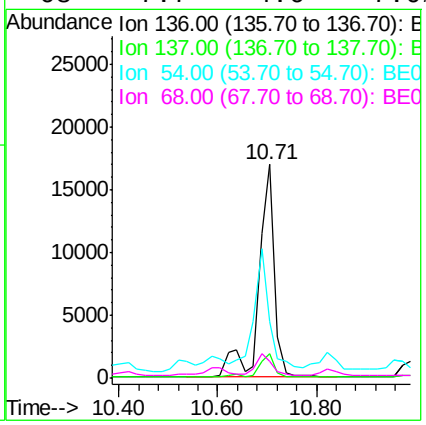
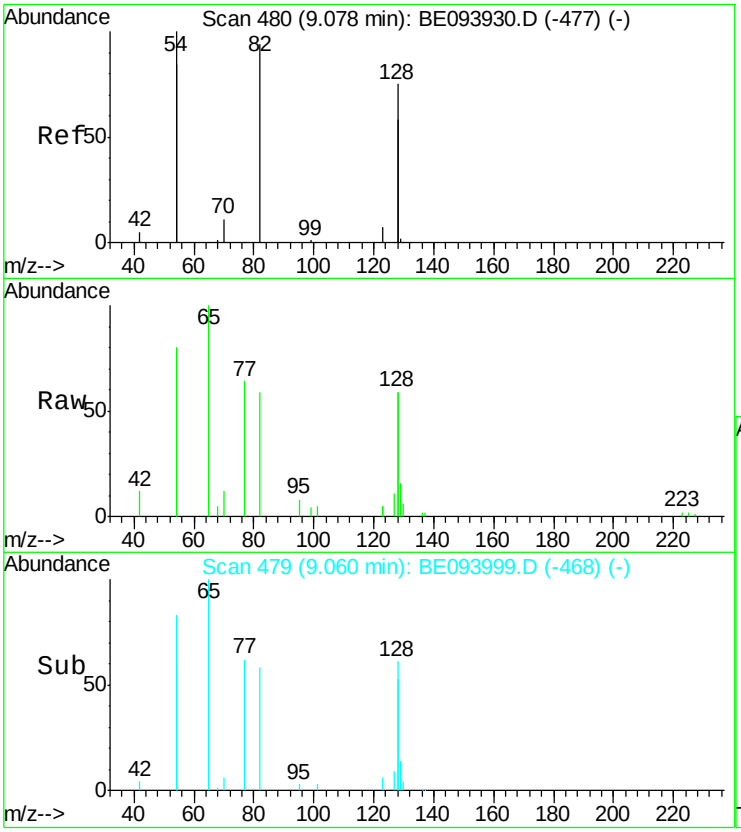


#7
Naphthalene-d8
Concen: 0.800 ng
RT: 10.71 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:136 Resp: 38536

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	26.5	21.9	32.9
68	7.7	4.6	7.0#

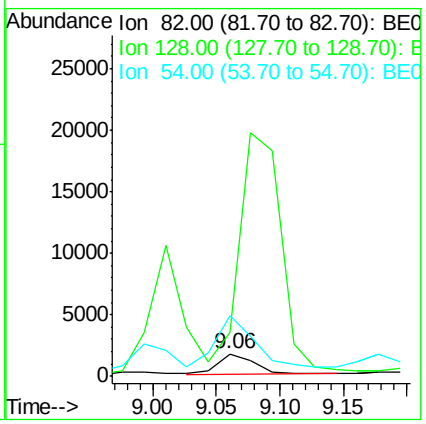




#8
Nitrobenzene-d5
Concen: 0.202 ng
RT: 9.06 min Scan# 479
Delta R.T. -0.02 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion: 82 Resp: 3286

Ion	Ratio	Lower	Upper
82	100		
128	199.1	91.4	137.0#
54	270.5	197.8	296.8



Instrument :
BNA_E
ClientSampleId :
PR-MW-02-090817

Manual Integrations APPROVED
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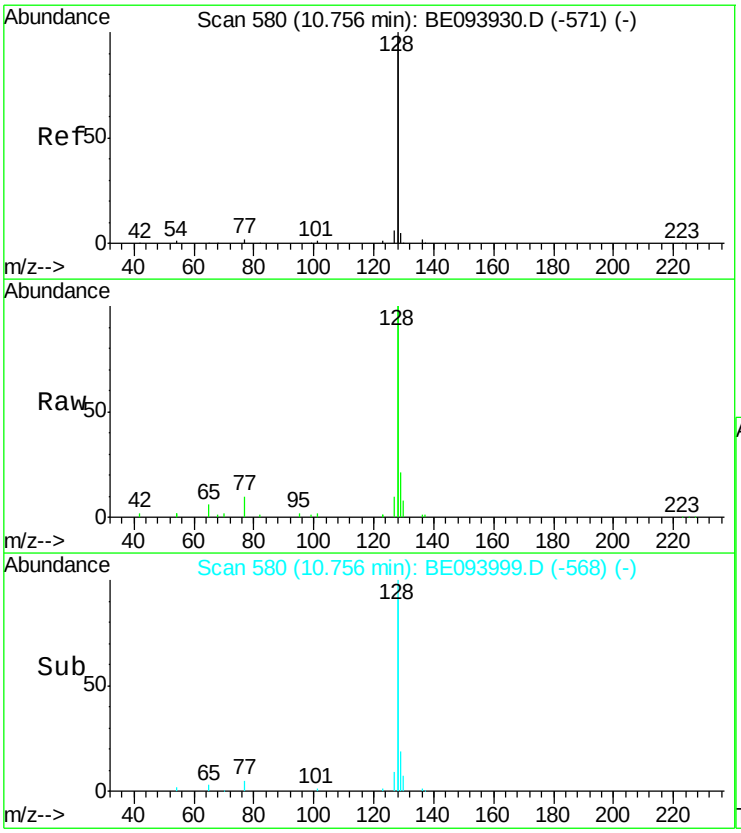
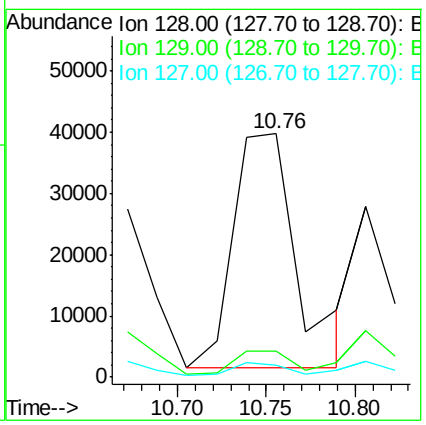
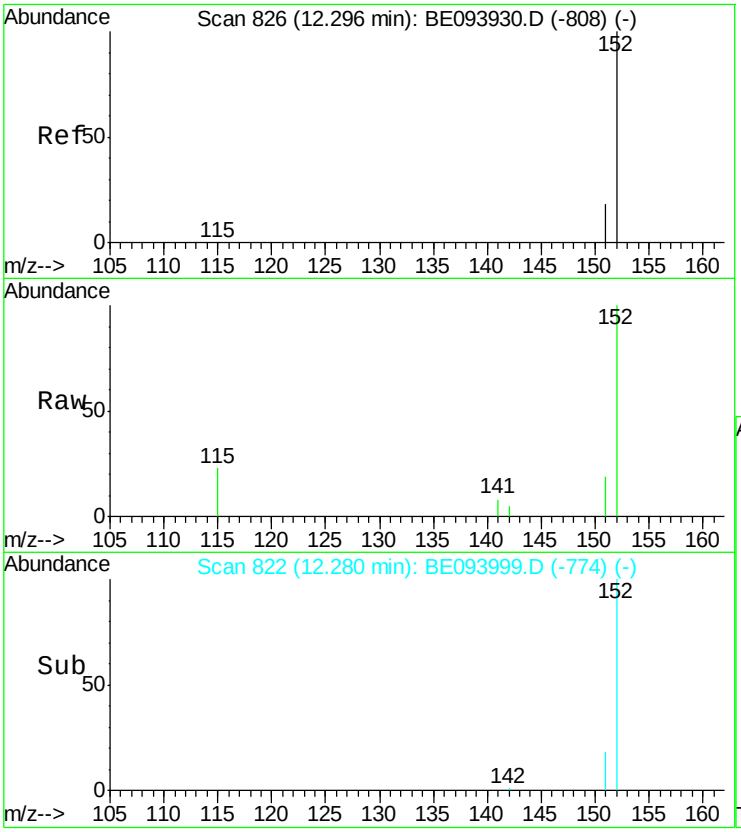


#9
Naphthalene
Concen: 0.433 ng
RT: 10.76 min Scan# 580
Delta R.T. -0.00 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:128 Resp: 95734

Ion	Ratio	Lower	Upper
128	100		
129	10.7	2.5	3.7#
127	5.1	2.6	4.0#

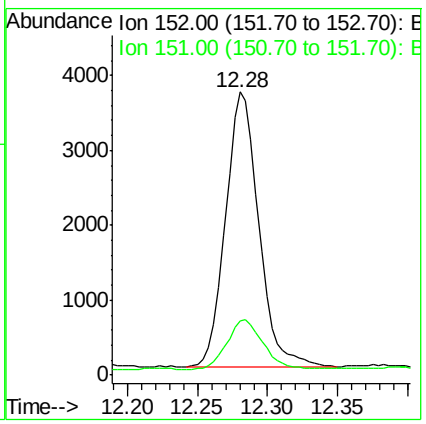




#11
2-Methylnaphthalene-d10
Concen: 0.197 ng
RT: 12.28 min Scan# 822
Delta R.T. -0.02 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:152 Resp: 6062

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.4	23.0



Instrument :
BNA_E
ClientSampleId :
PR-MW-02-090817

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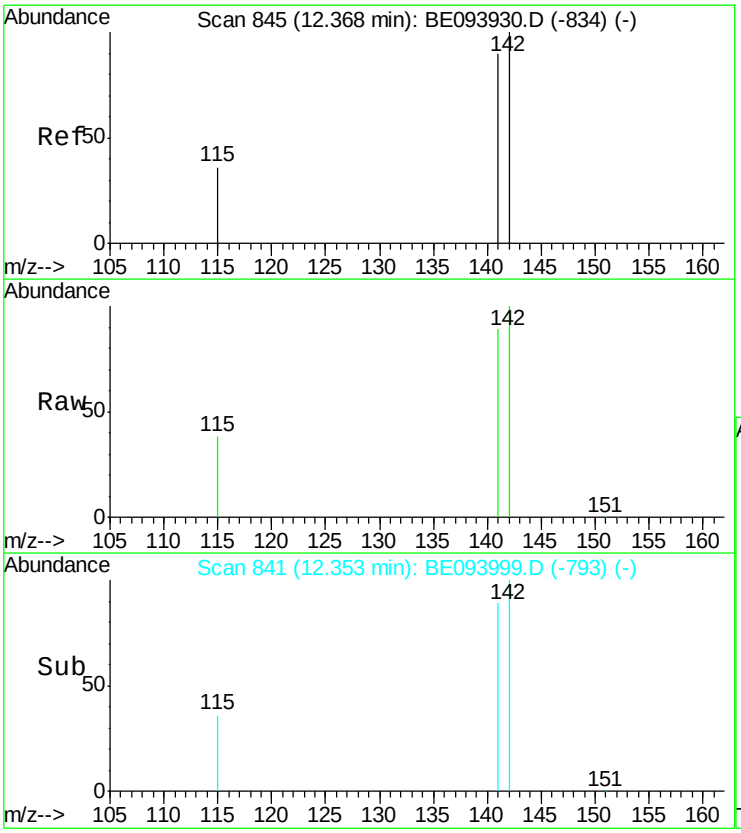
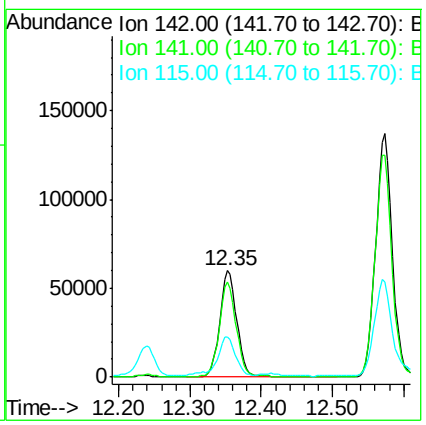
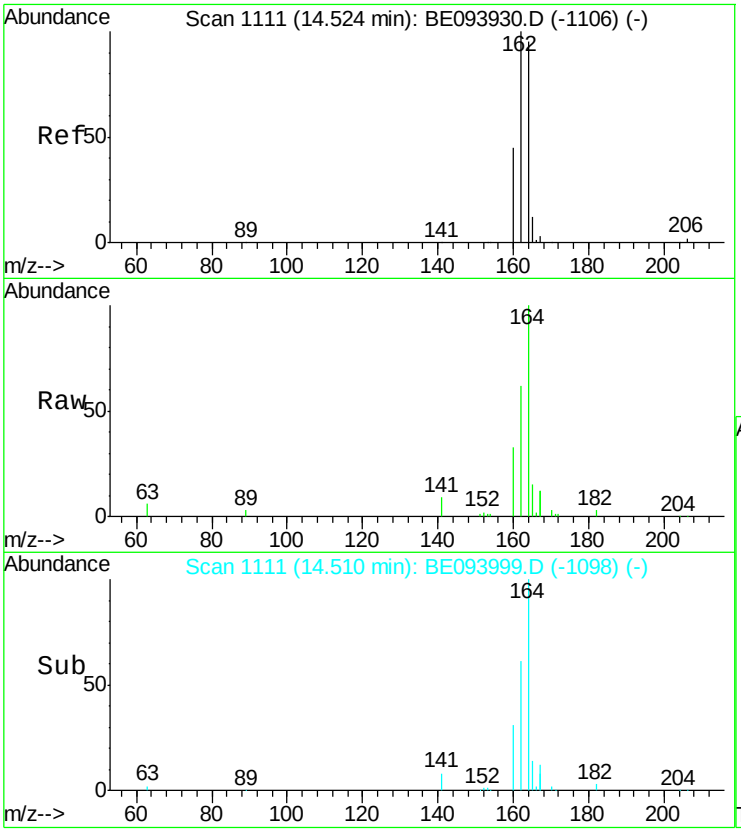


#12
2-Methylnaphthalene
Concen: 2.721 ng
RT: 12.35 min Scan# 841
Delta R.T. -0.02 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:142 Resp: 99831

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	38.3	29.4	44.0





#13
Acenaphthene-d10
Concen: 0.800 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:164 Resp: 41095

Ion	Ratio	Lower	Upper
164	100		
162	62.0	80.8	121.2#
160	33.5	37.0	55.4#

Instrument :
BNA_E
ClientSampleId :
PR-MW-02-090817

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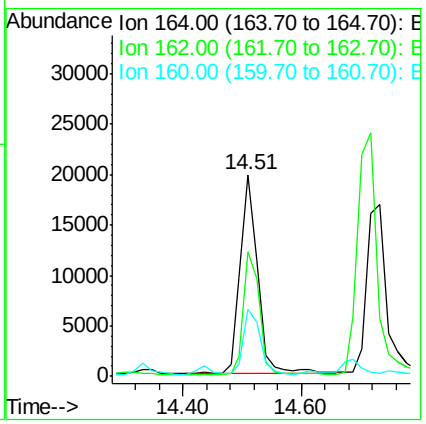
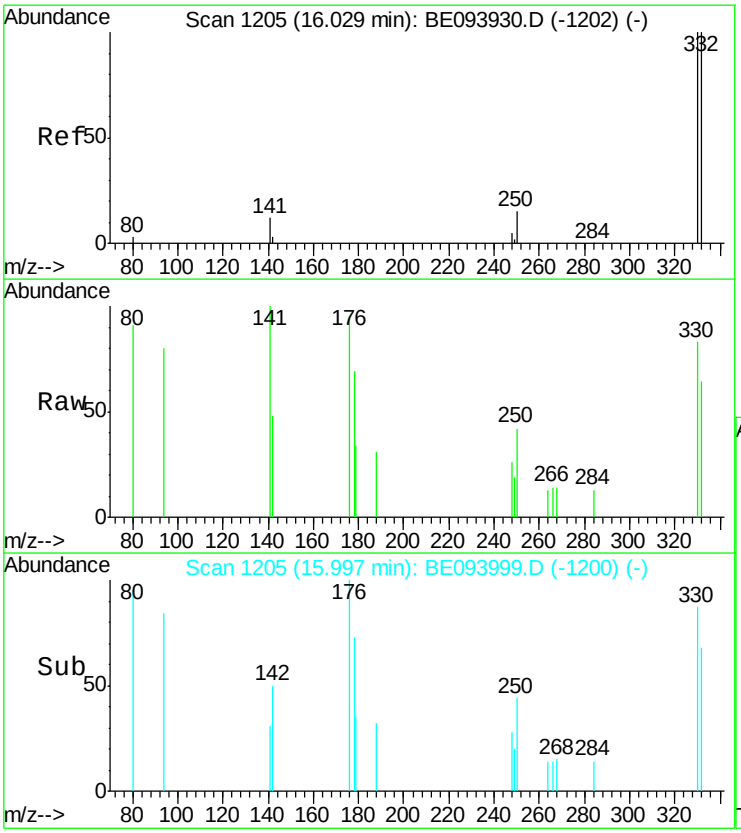
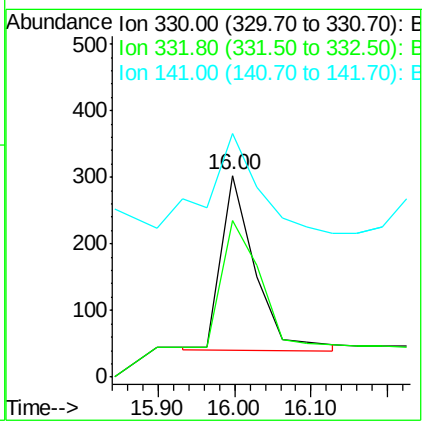


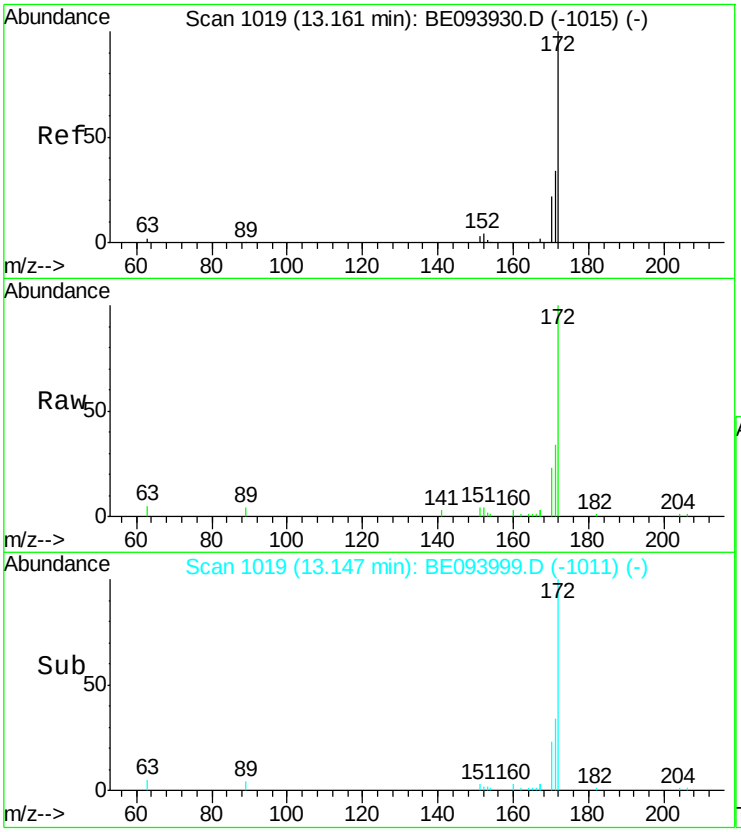


#14
2,4,6-Tribromophenol
Concen: 0.128 ng m
RT: 16.00 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:330 Resp: 812

Ion	Ratio	Lower	Upper
330	100		
332	201.8	76.9	115.3#
141	84.4	0.0	0.0#

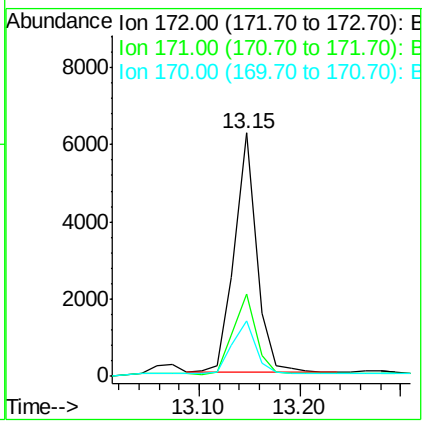




#15
2-Fluorobiphenyl
Concen: 0.118 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:172 Resp: 9572

Ion	Ratio	Lower	Upper
172	100		
171	34.0	26.9	40.3
170	22.5	17.3	25.9



Instrument :
BNA_E
ClientSampleId :
PR-MW-02-090817

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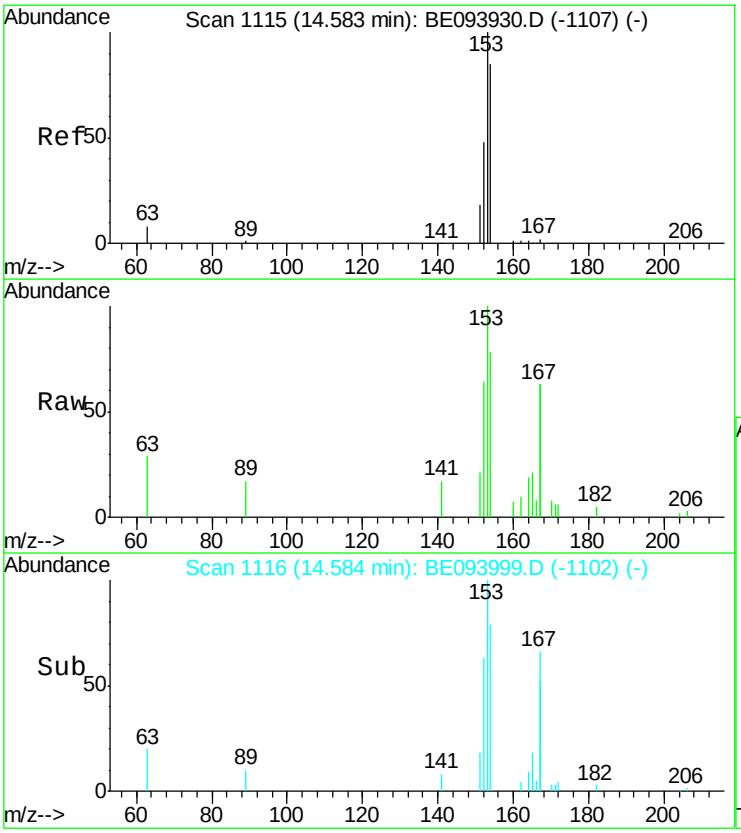
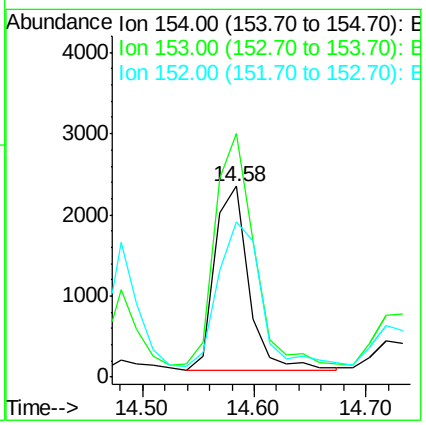
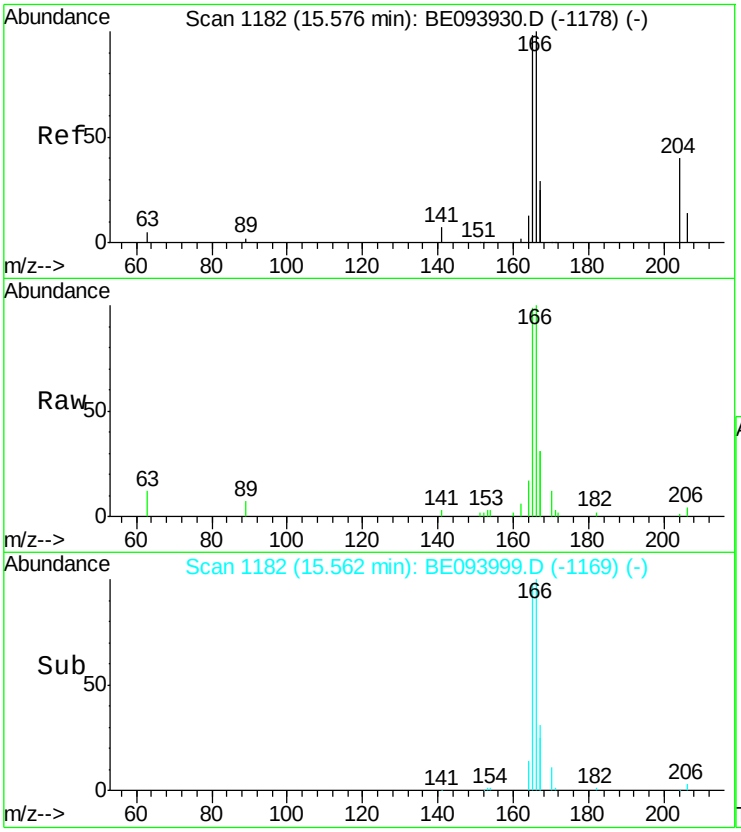


#17
Acenaphthene
Concen: 0.069 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:154 Resp: 4760

Ion	Ratio	Lower	Upper
154	100		
153	144.6	91.8	137.6#
152	100.6	44.9	67.3#





#18
Fluorene
Concen: 0.133 ng
RT: 15.56 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:166 Resp: 11856

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.4	119.0
167	89.8	43.5	65.3#

Instrument :
BNA_E
ClientSampleId :
PR-MW-02-090817

Manual Integrations APPROVED
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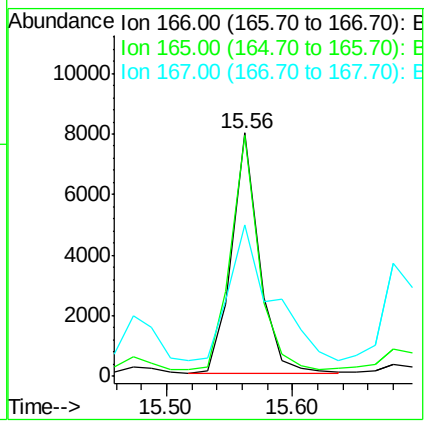
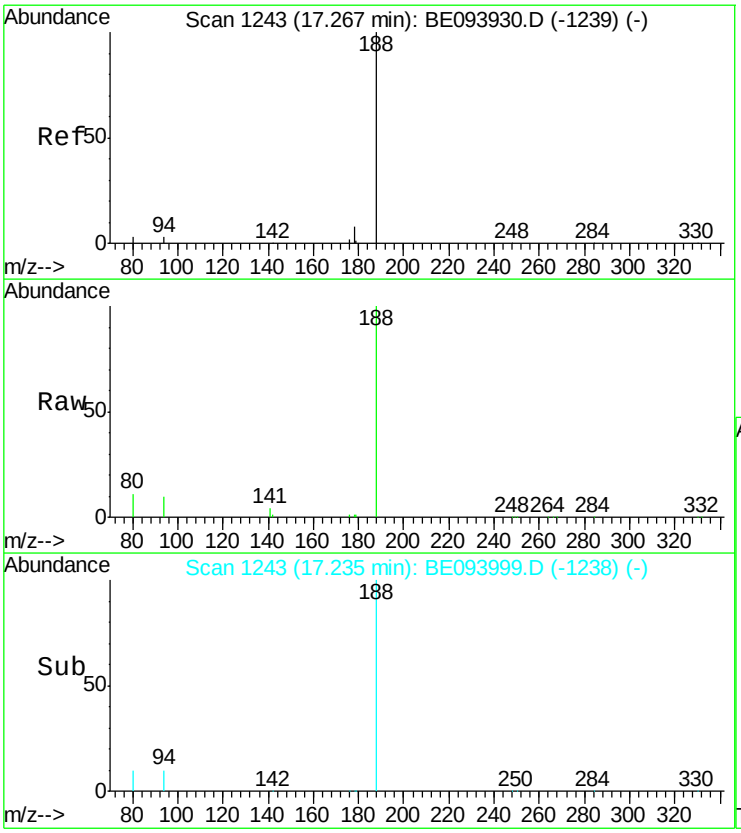
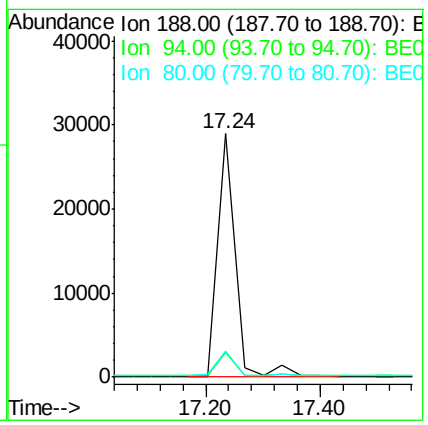


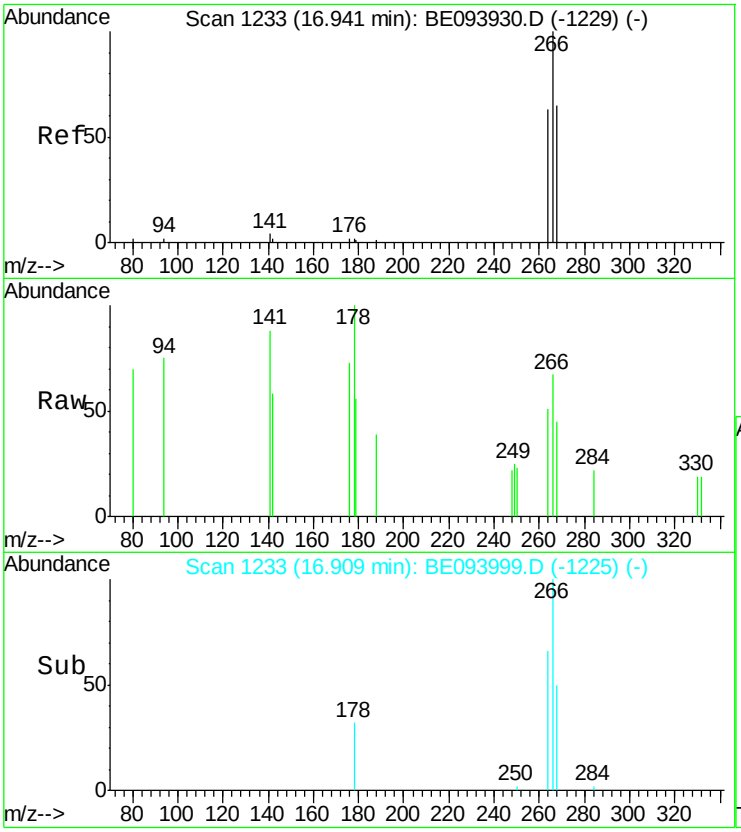


#19
Phenanthrene-d10
Concen: 0.800 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:188 Resp: 61508

Ion	Ratio	Lower	Upper
188	100		
94	10.3	16.1	24.1#
80	10.5	18.2	27.2#

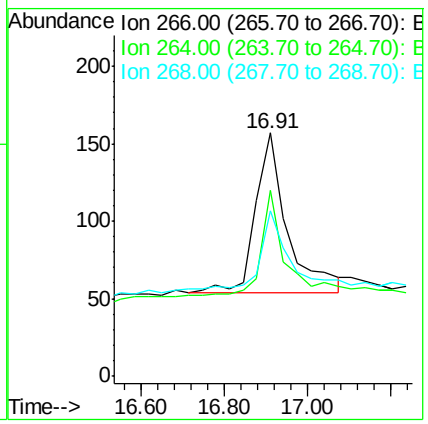




#22
Pentachlorophenol
Concen: 0.112 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.03 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:266 Resp: 548

Ion	Ratio	Lower	Upper
266	100		
264	76.4	53.5	80.3
268	68.2	60.0	90.0



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BNA_E
ClientSampleId :
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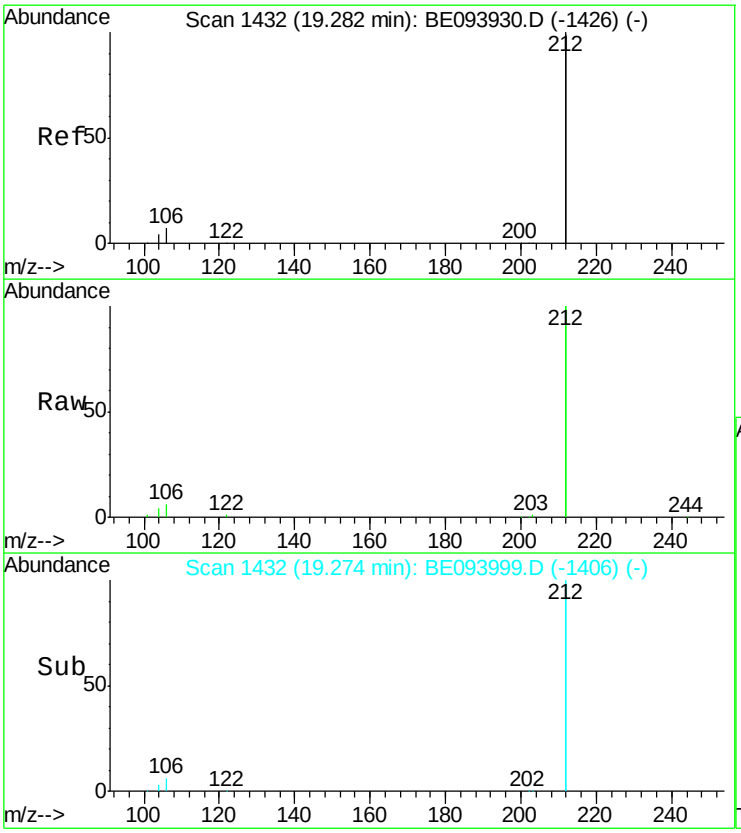
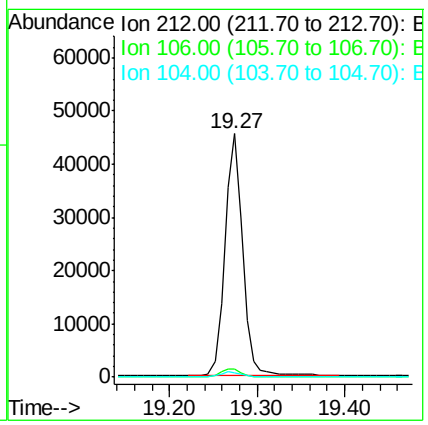
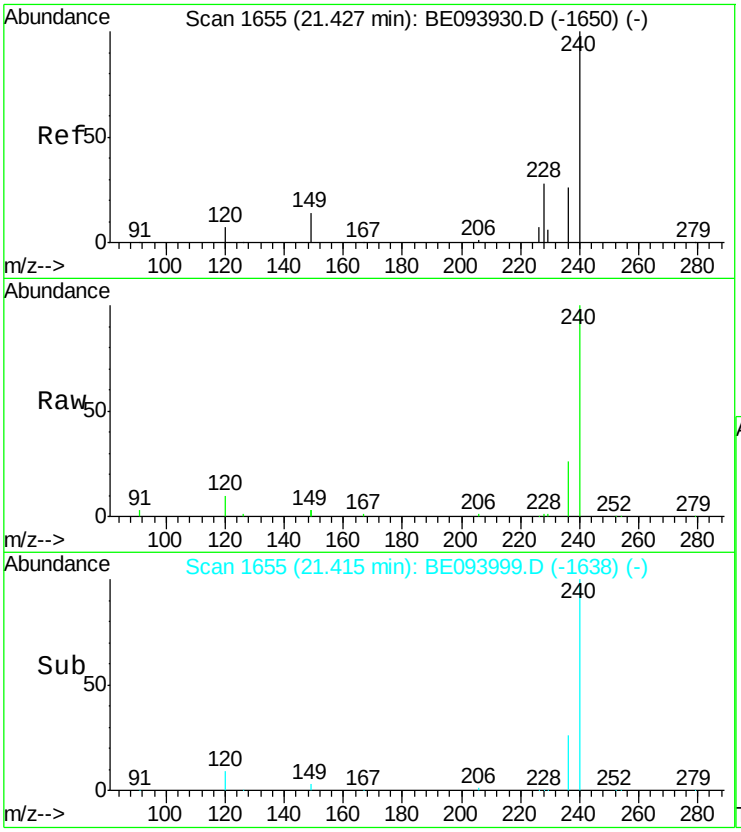


#25
Fluoranthene-d10
Concen: 0.139 ng
RT: 19.27 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:212 Resp: 63888

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.7	4.1
104	2.0	1.6	2.4

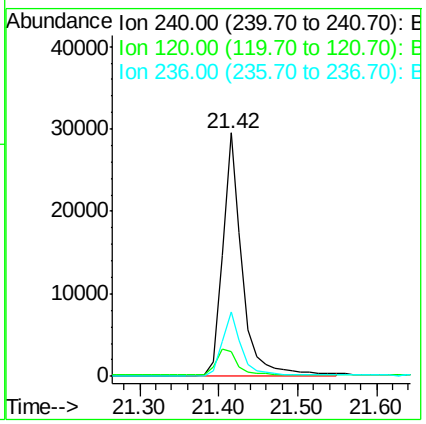




#27
Chrysene-d12
Concen: 0.800 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

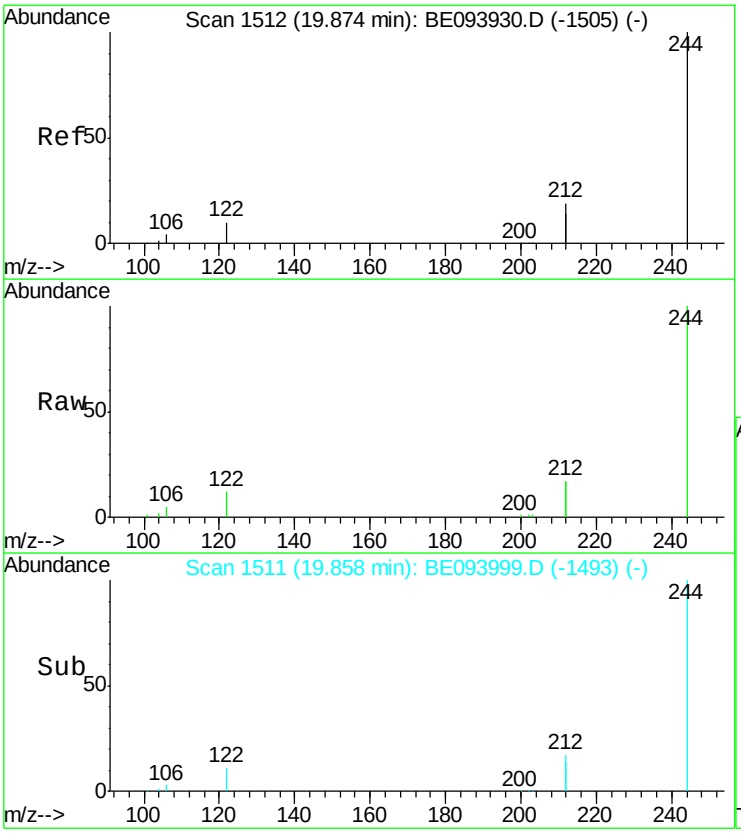
Tgt Ion:240 Resp: 50656

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.7	13.1
236	26.3	21.3	31.9



Instrument :
BNA_E
ClientSampleId :
PR-MW-02-090817

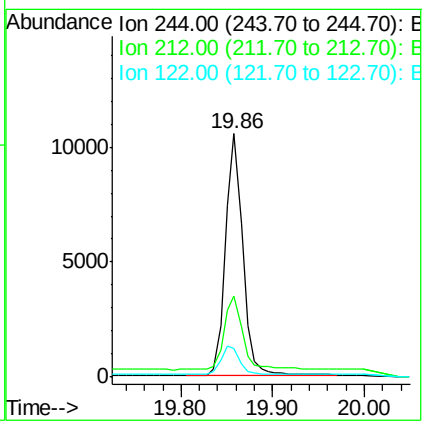
Manual Integrations APPROVED
Sohil
9/18/2017 3:31:01 PM

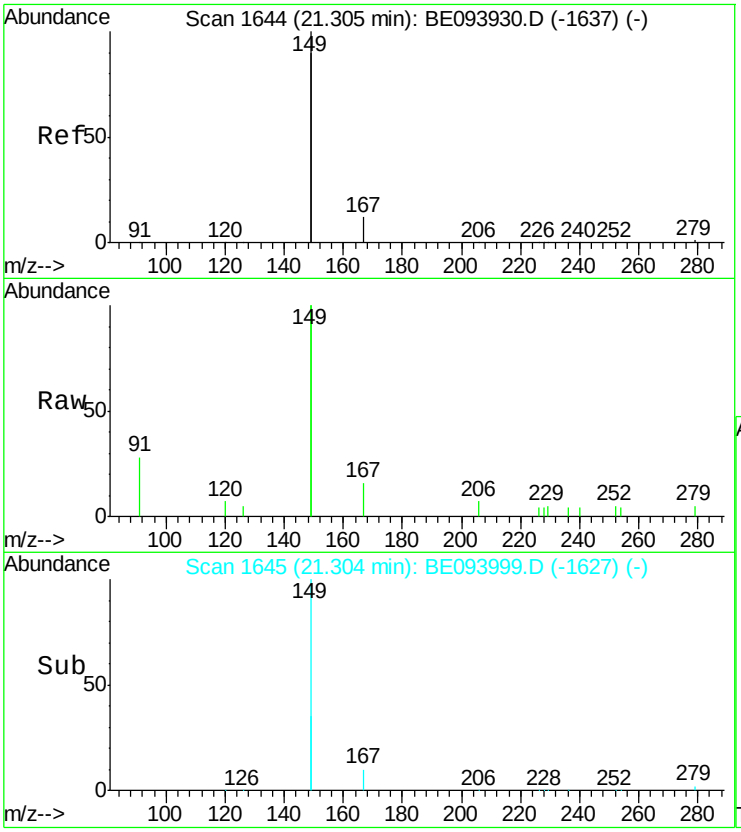


#29
Terphenyl-d14
Concen: 0.295 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.02 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:244 Resp: 13747

Ion	Ratio	Lower	Upper
244	100		
212	33.5	28.3	42.5
122	11.6	9.4	14.0

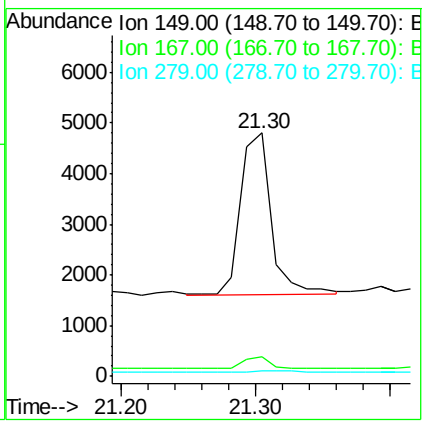




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.027 ng
RT: 21.30 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

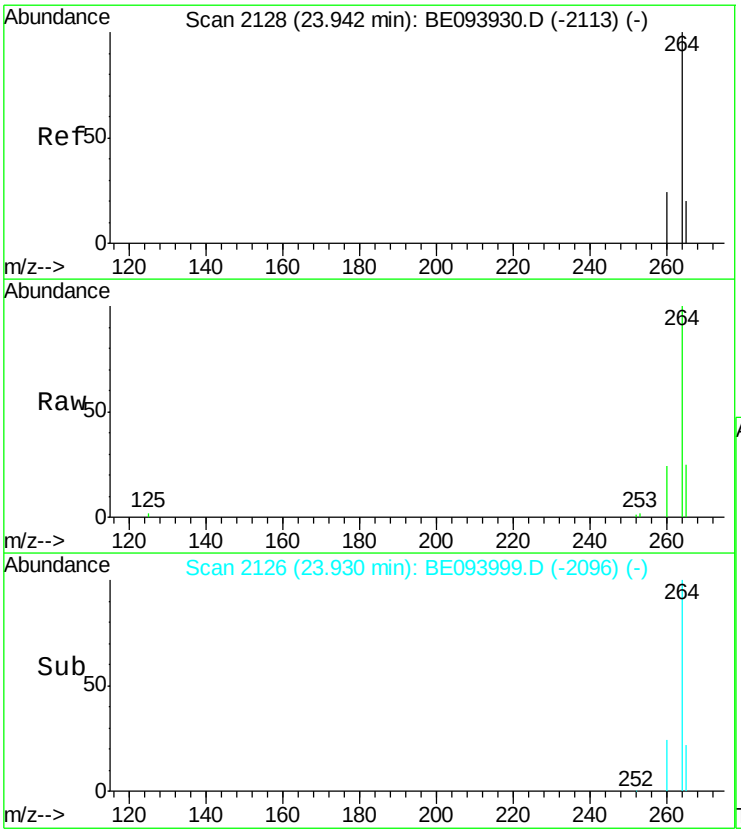
Tgt Ion:149 Resp: 5161

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.2	0.7	1.1#



Instrument :
BNA_E
ClientSampleId :
PR-MW-02-090817

Manual Integrations APPROVED
Sohil
9/18/2017 3:31:01 PM



#34
Perylene-d12
Concen: 0.800 ng
RT: 23.93 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BE093999.D
Acq: 14 Sep 2017 11:04

Tgt Ion:264 Resp: 44642

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.0	30.0
265	24.7	24.0	36.0