Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
Data File : BE093912.D
Acq On : 1 Sep 2017 21:17
Operator : SJ/JU
Sample : I4963-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 3827-SPP4

Quant Time: Sep 02 01:21:21 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 16:31:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2191	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11178	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6417	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	15578	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15594	0.40	ng	0.00
34) Perylene-d12	23.92	264	13806	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	928	0.14	ng	0.00
5) Phenol-d6	7.10	99	865	0.08	ng	0.01
8) Nitrobenzene-d5	9.06	82	3174	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5510	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	694	0.40	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	8771	0.34	ng	-0.01
25) Fluoranthene-d10	19.27	212	58968	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	13197	0.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	153	0.051	ng	# 18
3) n-Nitrosodimethylamine	3.70	42	350	0.104	ng	# 1
6) bis(2-Chloroethyl)ether	7.27	93	1130	0.142	ng	# 1
20) 4-Bromophenyl-phenylether	16.45	248	22	Below Cal		# 29
21) Hexachlorobenzene	16.58	284	10	Below Cal		# 100
22) Pentachlorophenol	16.91	266	70	0.029	ng	# 80
23) Phenanthrene	17.27	178	1013	0.026	ng	# 70
24) Anthracene	17.27	178	1013	0.021	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.31	149	211173	2.163	ng	99

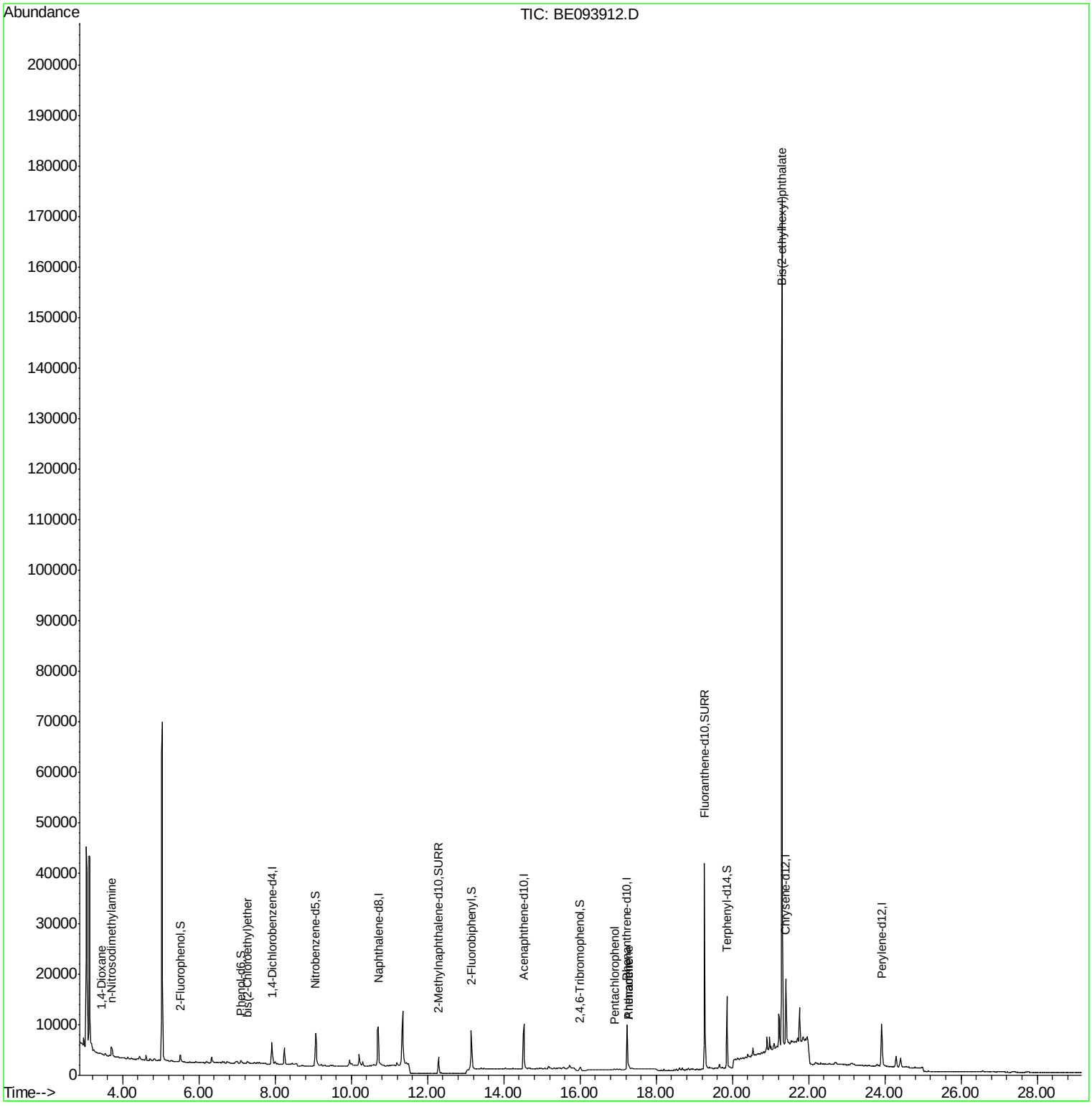
(#) = qualifier out of range (m) = manual integration (+) = signals summed

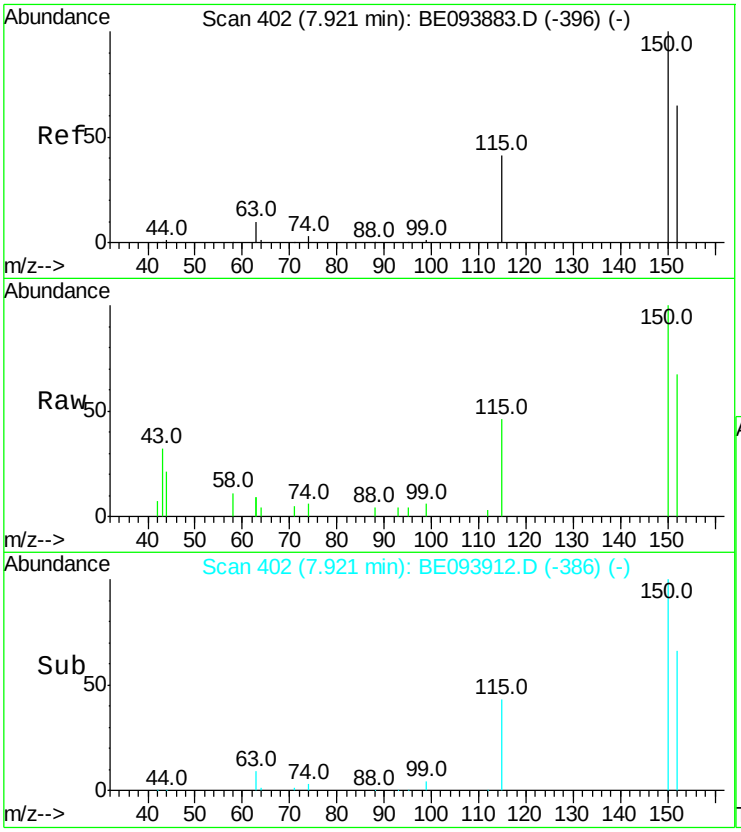
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
Data File : BE093912.D
Acq On : 1 Sep 2017 21:17
Operator : SJ/JU
Sample : I4963-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Quant Time: Sep 02 01:21:21 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 16:31:36 2017
Response via : Initial Calibration



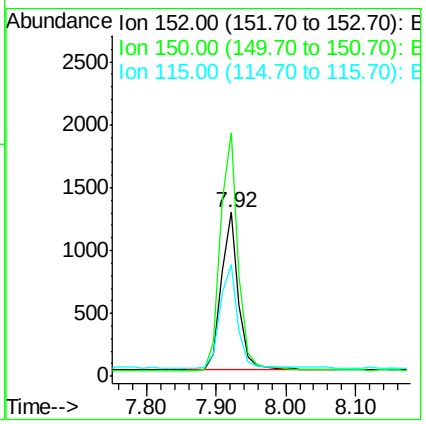


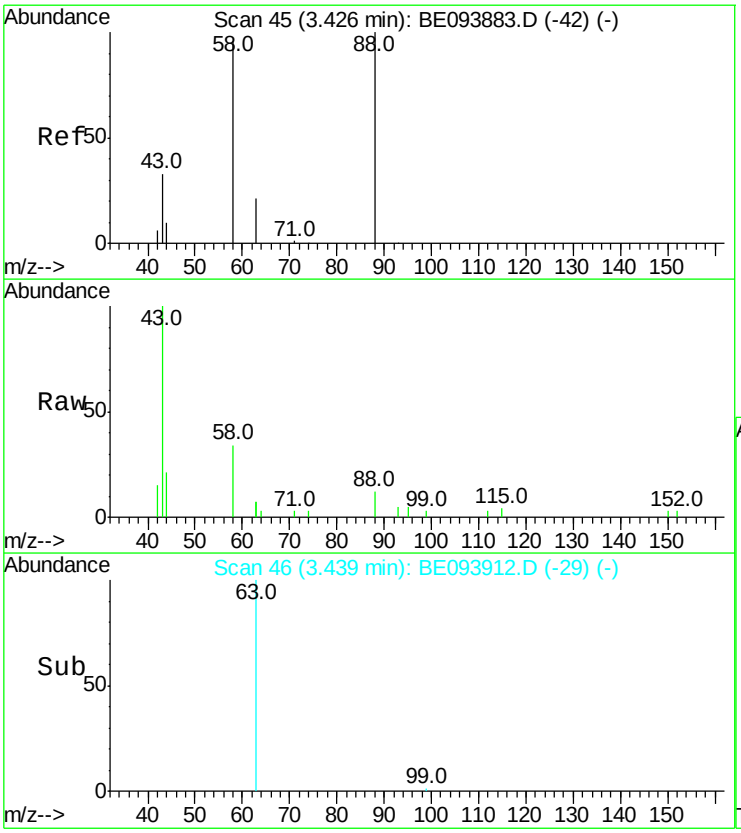
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Tgt Ion:152 Resp: 2191

Ion	Ratio	Lower	Upper
152	100		
150	148.5	121.8	182.6
115	67.9	52.6	79.0

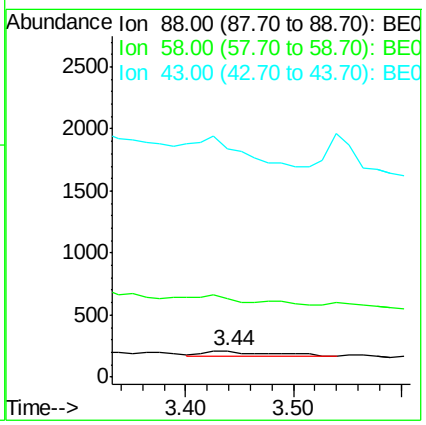


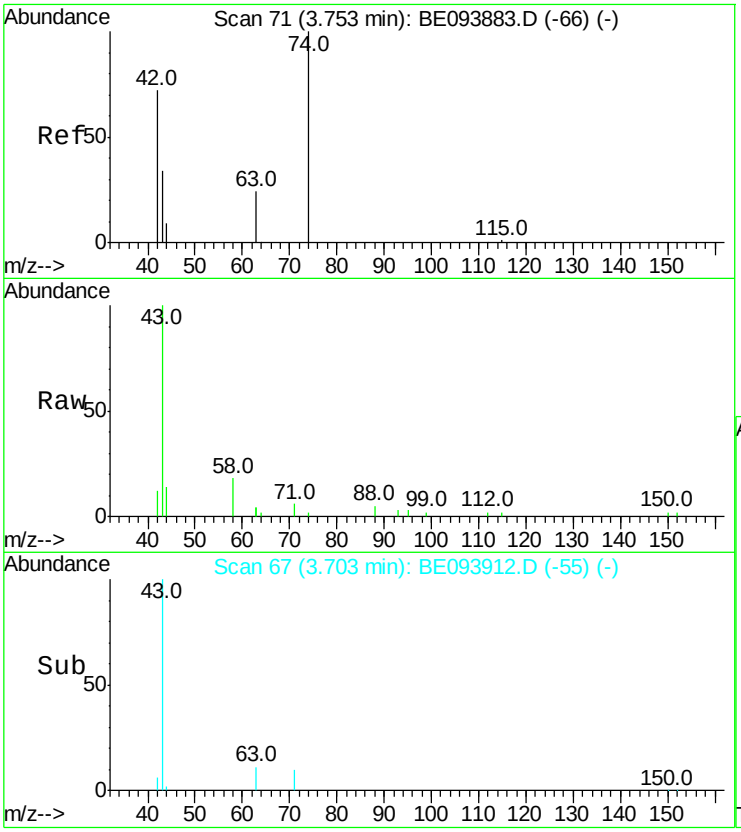


#2
1,4-Dioxane
Concen: 0.051 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Tgt Ion: 88 Resp: 153

Ion	Ratio	Lower	Upper
88	100		
58	0.0	65.4	98.0#
43	0.0	23.9	35.9#



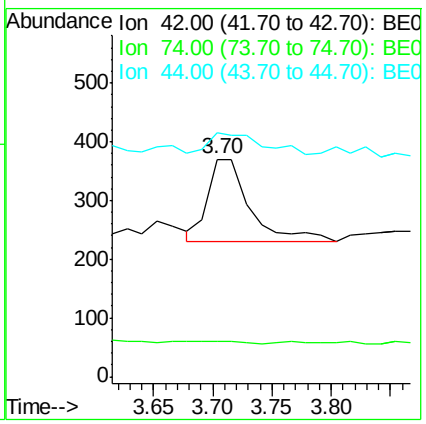


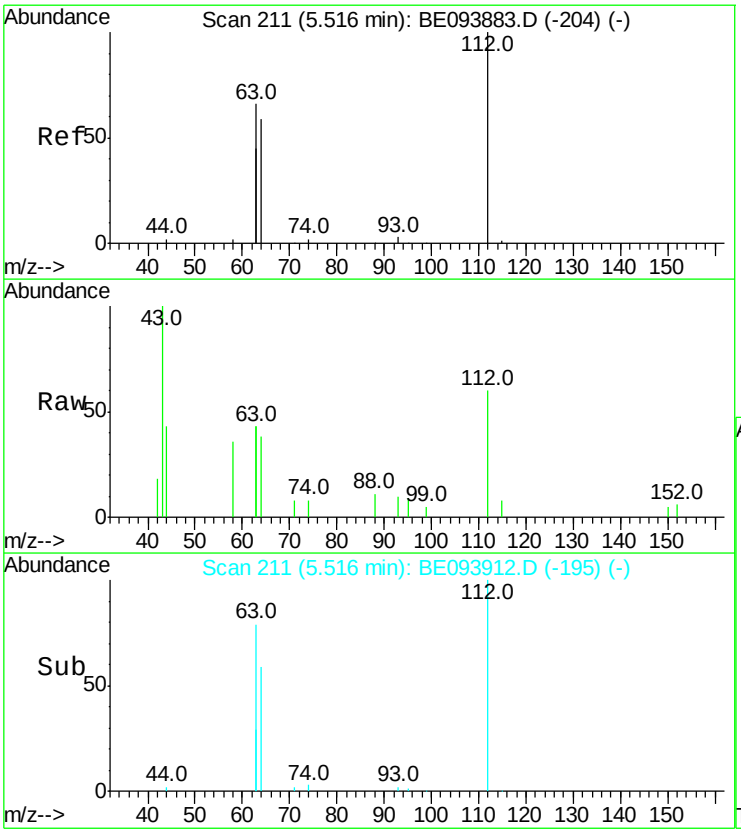
#3
n-Nitrosodimethylamine
Concen: 0.104 ng
RT: 3.70 min Scan# 67
Delta R.T. -0.05 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Tgt Ion: 42 Resp: 350

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.0	156.0#
44	38.3	13.8	20.8#

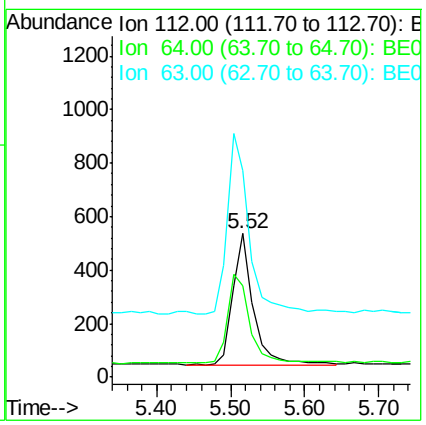


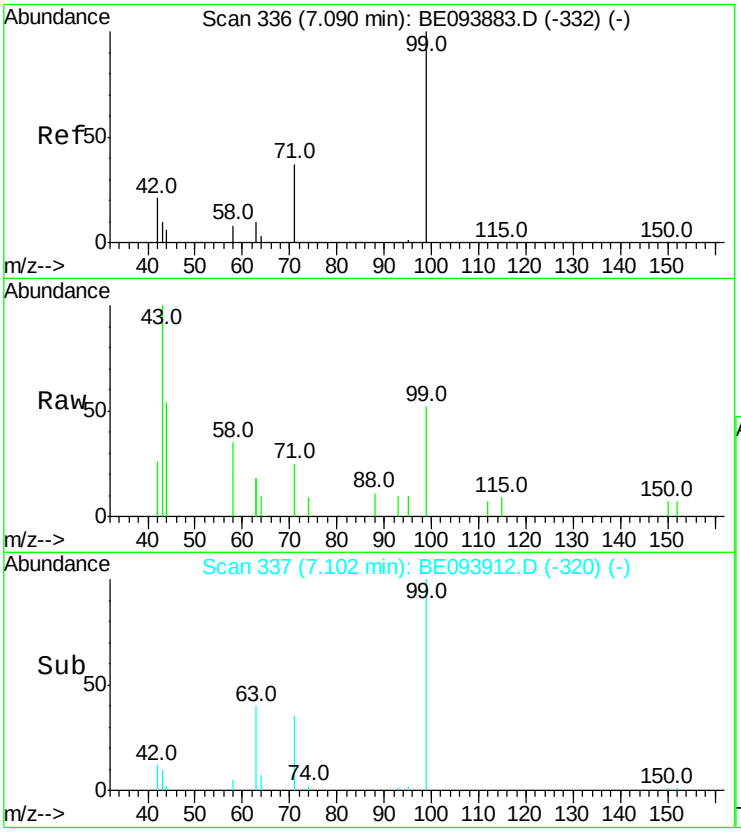


#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Tgt Ion:112 Resp: 928

Ion	Ratio	Lower	Upper
112	100		
64	75.3	57.7	86.5
63	145.9	116.0	174.0



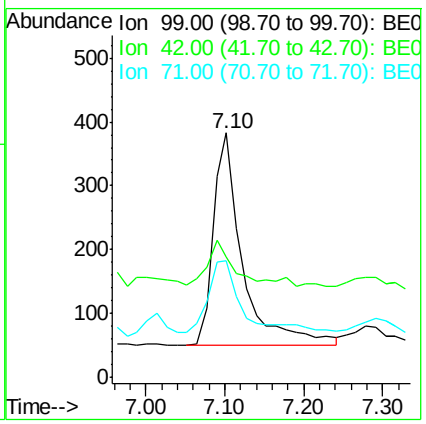


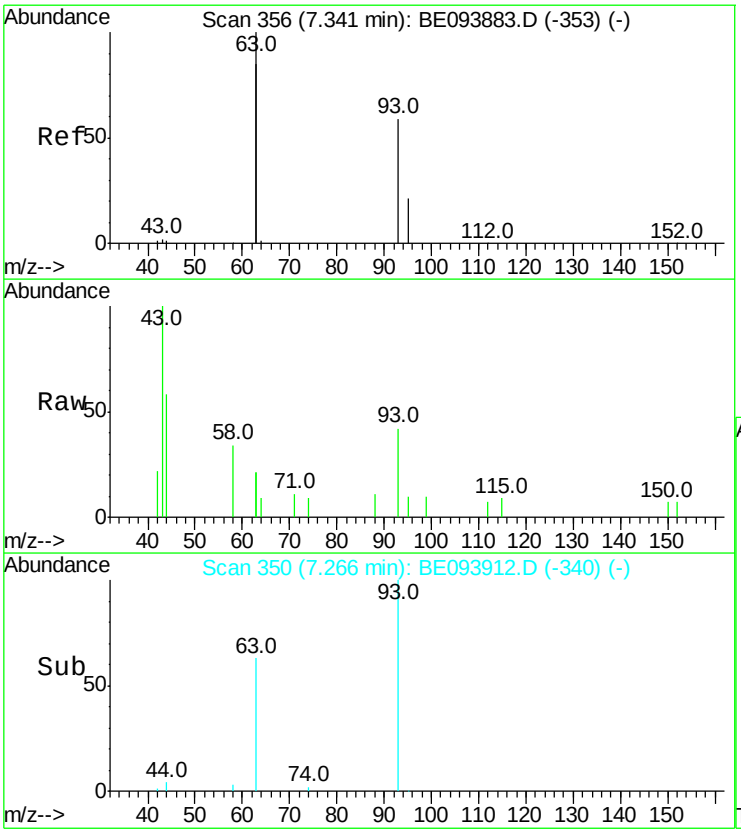
#5
Phenol-d6
Concen: 0.084 ng
RT: 7.10 min Scan# 337
Delta R.T. 0.01 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Tgt Ion: 99 Resp: 865

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.1	25.7
71	40.8	26.6	39.8#

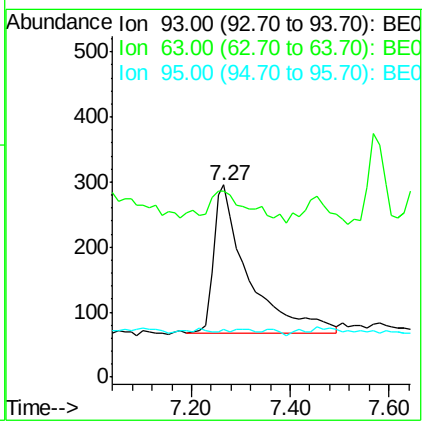


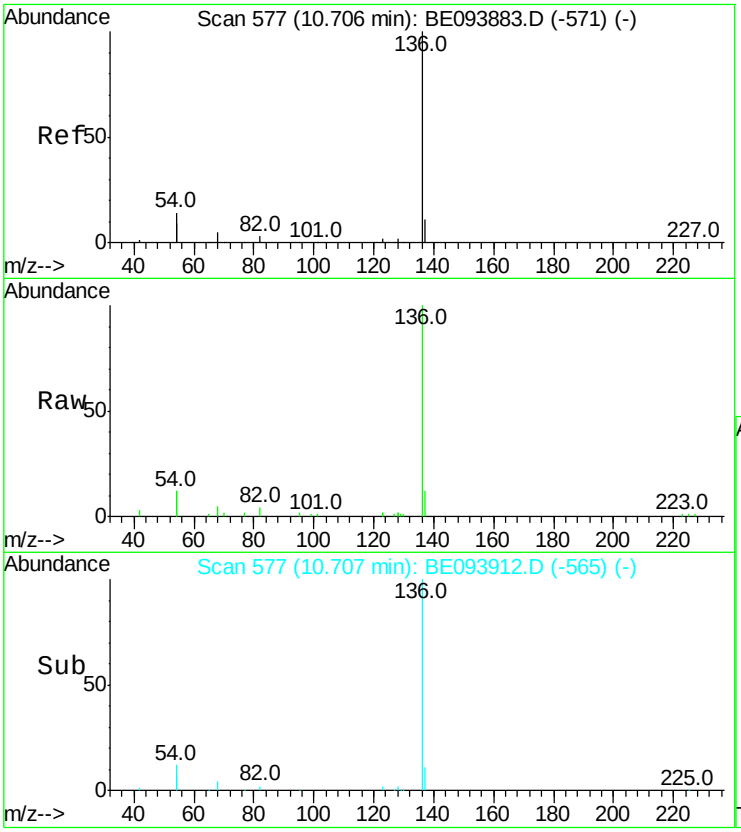


#6
bis(2-Chloroethyl)ether
Concen: 0.142 ng
RT: 7.27 min Scan# 350
Delta R.T. -0.08 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Tgt Ion: 93 Resp: 1130

Ion	Ratio	Lower	Upper
93	100		
63	27.0	283.4	425.2#
95	0.0	26.9	40.3#



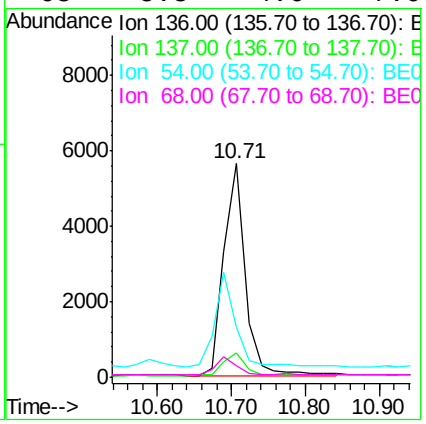


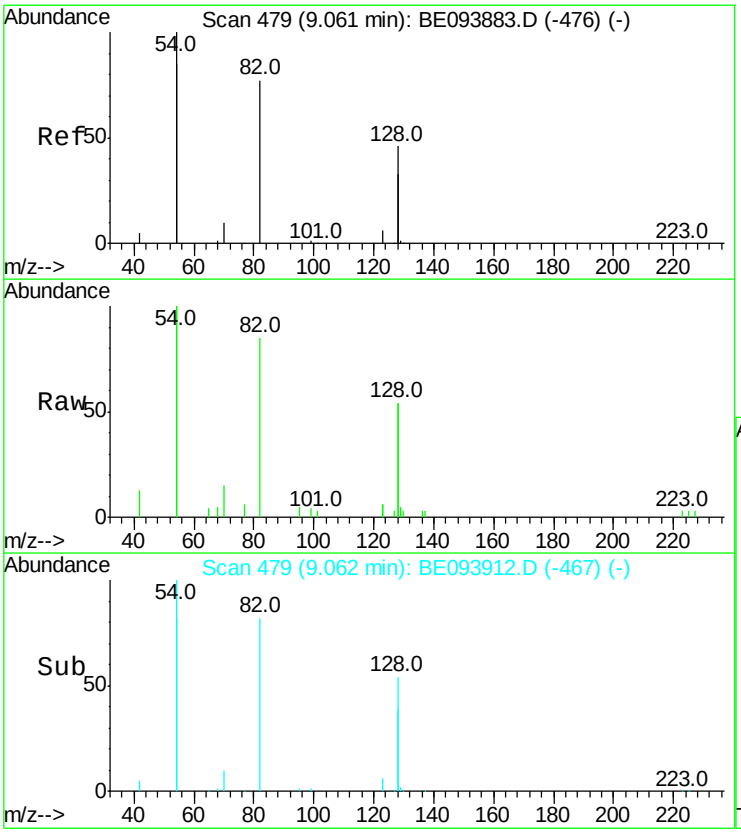
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Tgt Ion:136 Resp: 11178

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	23.3	21.9	32.9
68	5.3	4.6	7.0

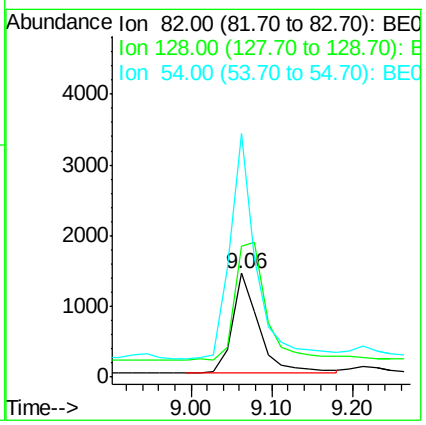


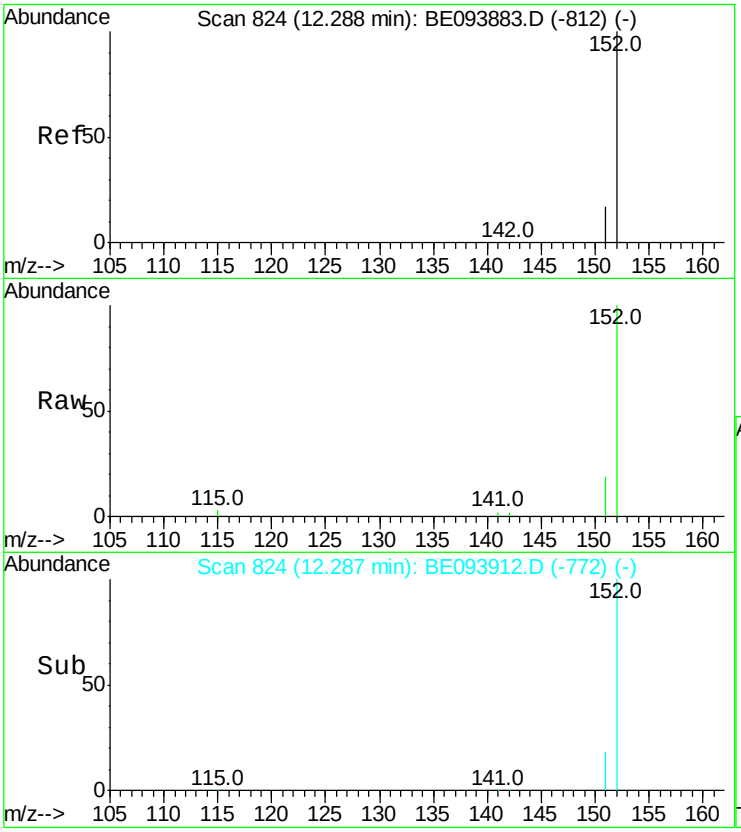


#8
Nitrobenzene-d5
Concen: 0.341 ng
RT: 9.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Tgt Ion: 82 Resp: 3174

Ion	Ratio	Lower	Upper
82	100		
128	125.6	91.4	137.0
54	234.1	197.8	296.8



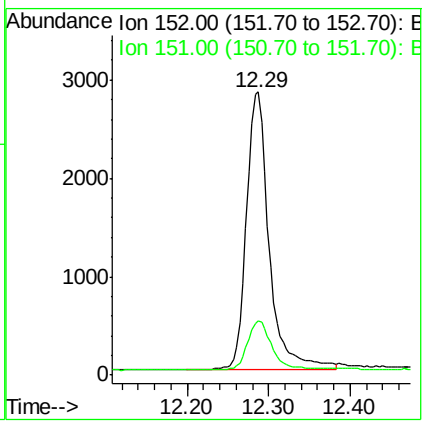


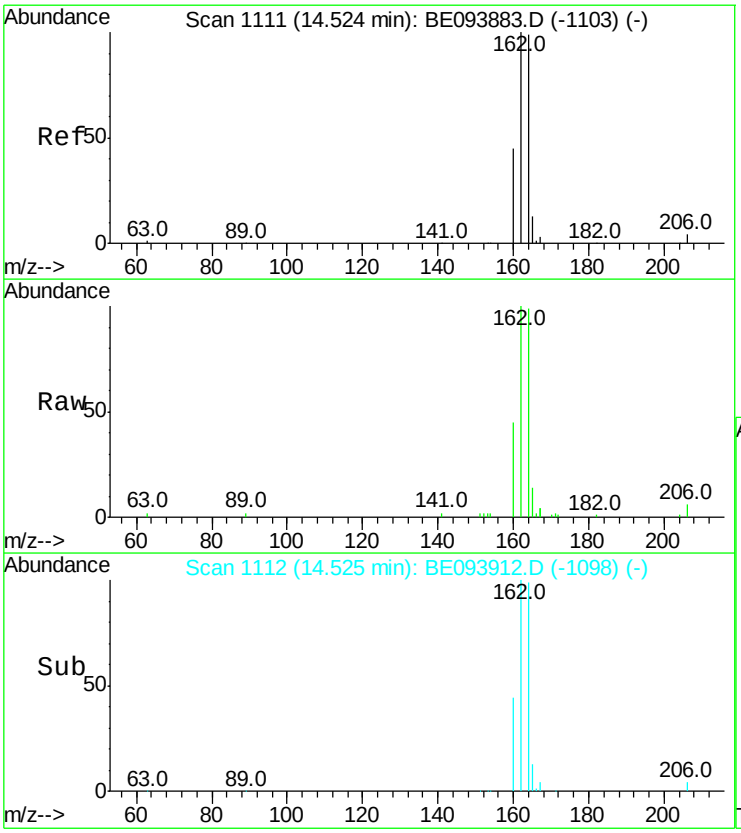
#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Tgt Ion:152 Resp: 5510

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.0

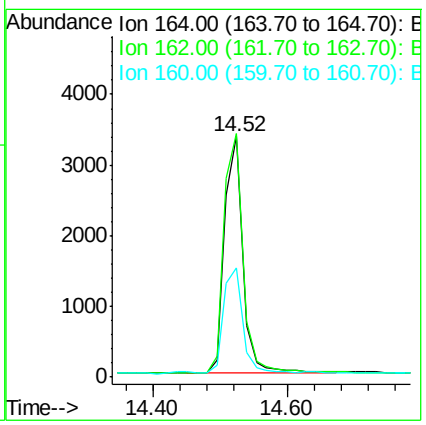


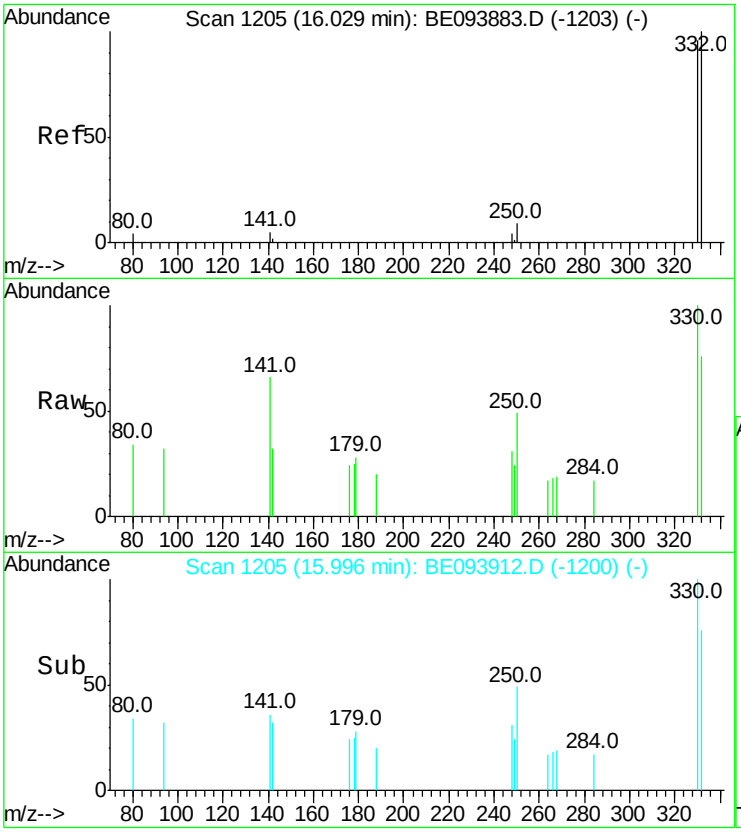


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Tgt Ion:164 Resp: 6417

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.8	121.2
160	45.5	37.0	55.4



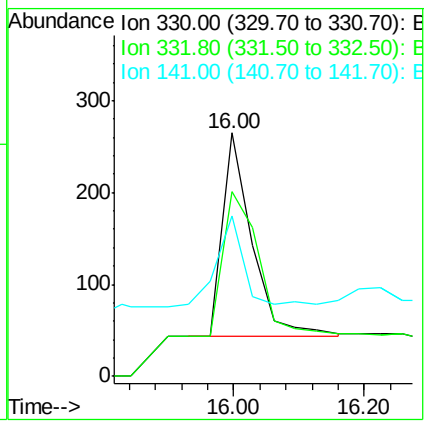


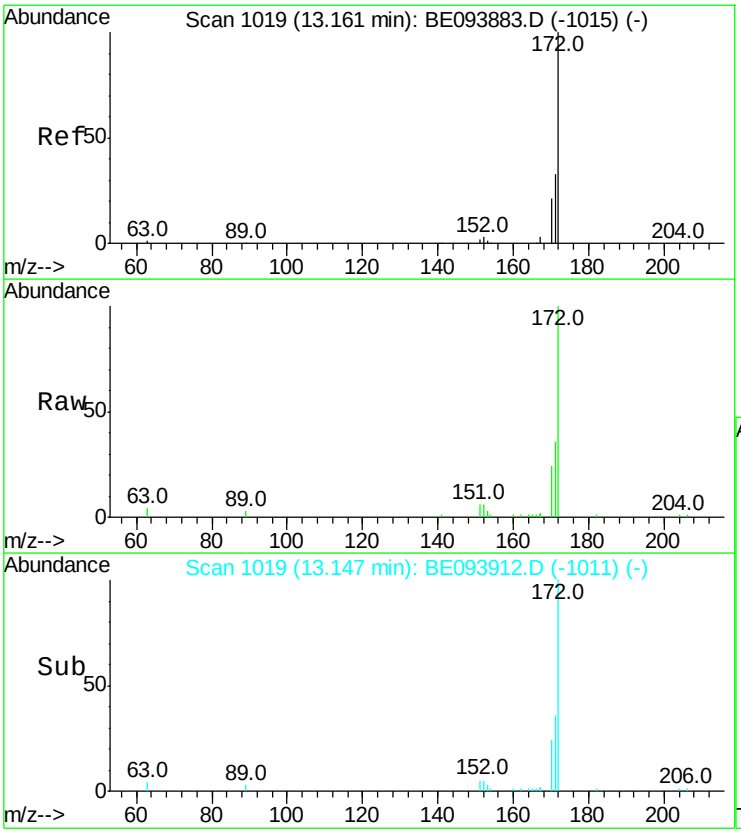
#14
2,4,6-Tribromophenol
Concen: 0.404 ng
RT: 16.00 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Tgt Ion:330 Resp: 694

Ion	Ratio	Lower	Upper
330	100		
332	86.5	76.9	115.3
141	44.5	0.0	0.0#

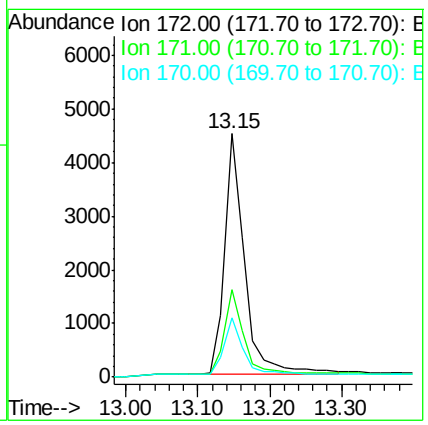


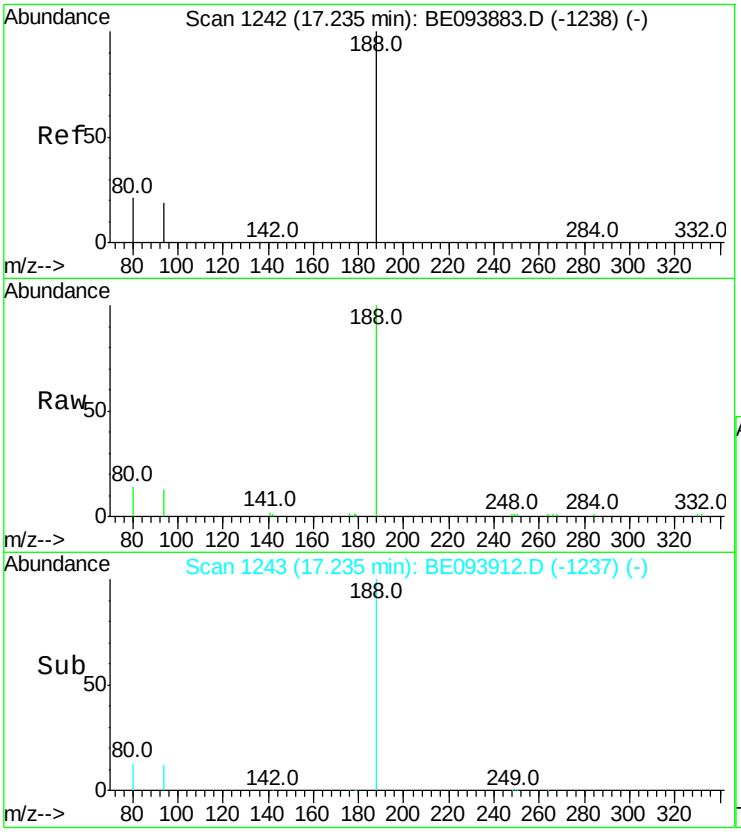


#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Tgt Ion:172 Resp: 8771

Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.9	40.3
170	24.3	17.3	25.9



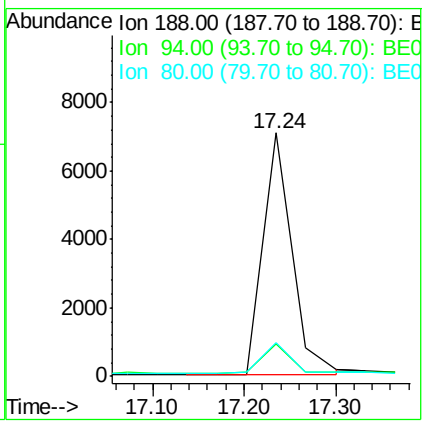


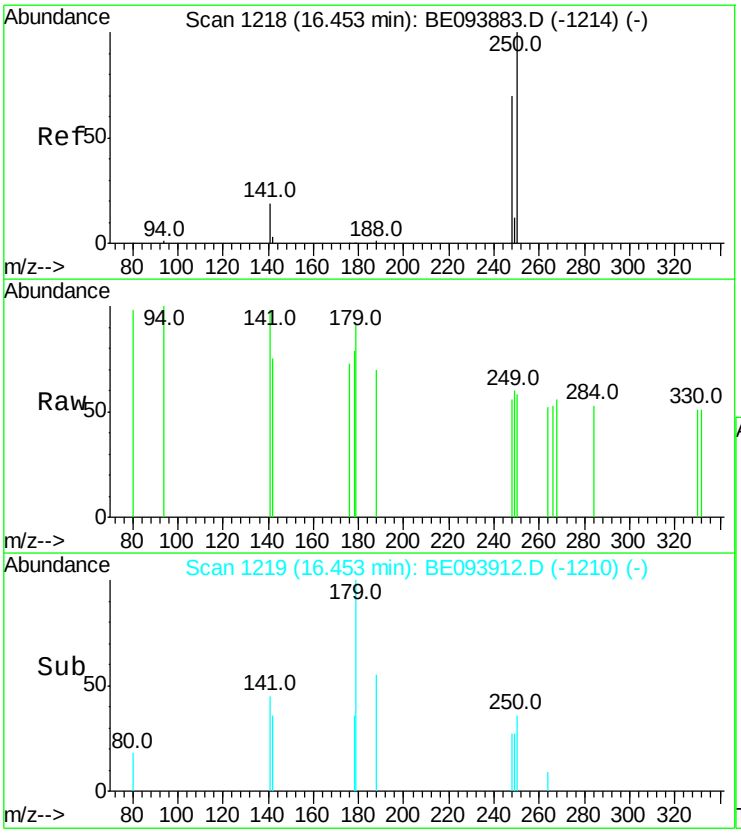
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Tgt Ion:188 Resp: 15578

Ion	Ratio	Lower	Upper
188	100		
94	13.5	16.1	24.1#
80	13.8	18.2	27.2#

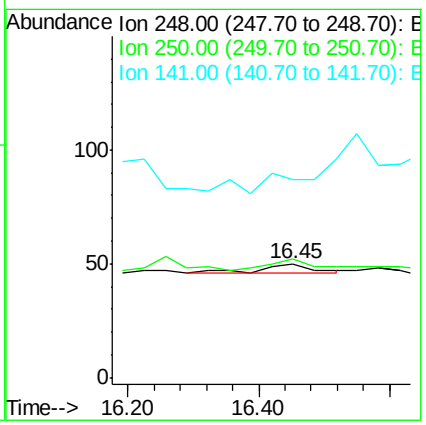


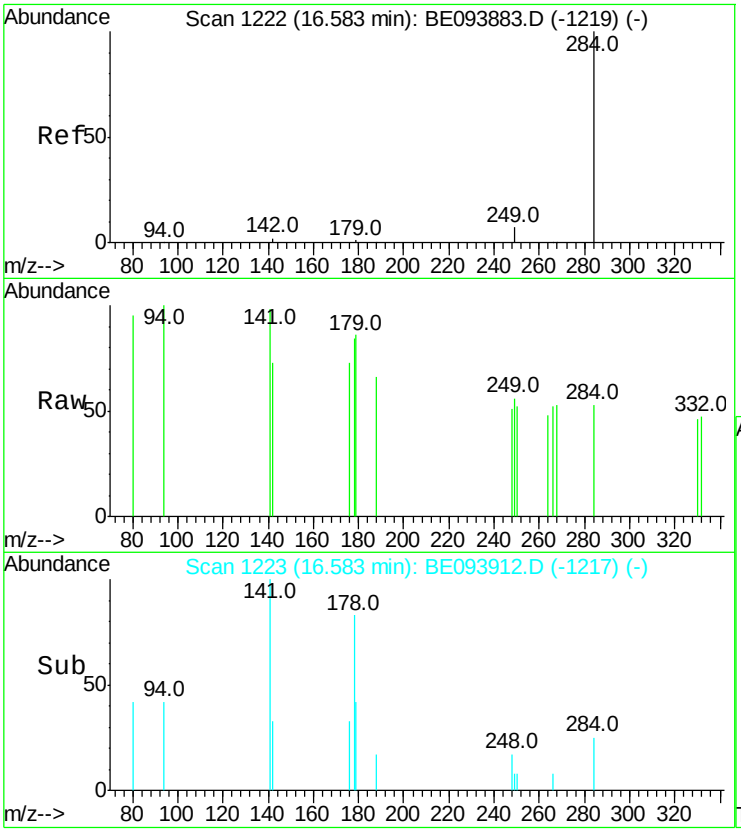


#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Tgt Ion:248 Resp: 22

Ion	Ratio	Lower	Upper
248	100		
250	104.0	111.8	167.8#
141	174.0	27.1	40.7#



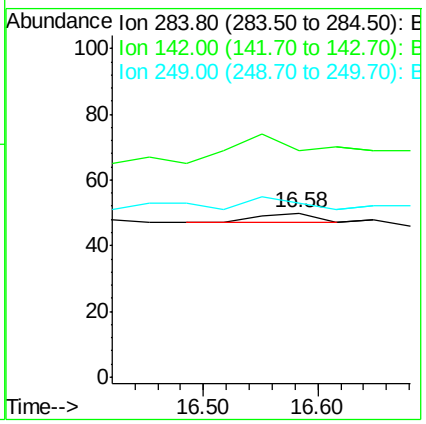


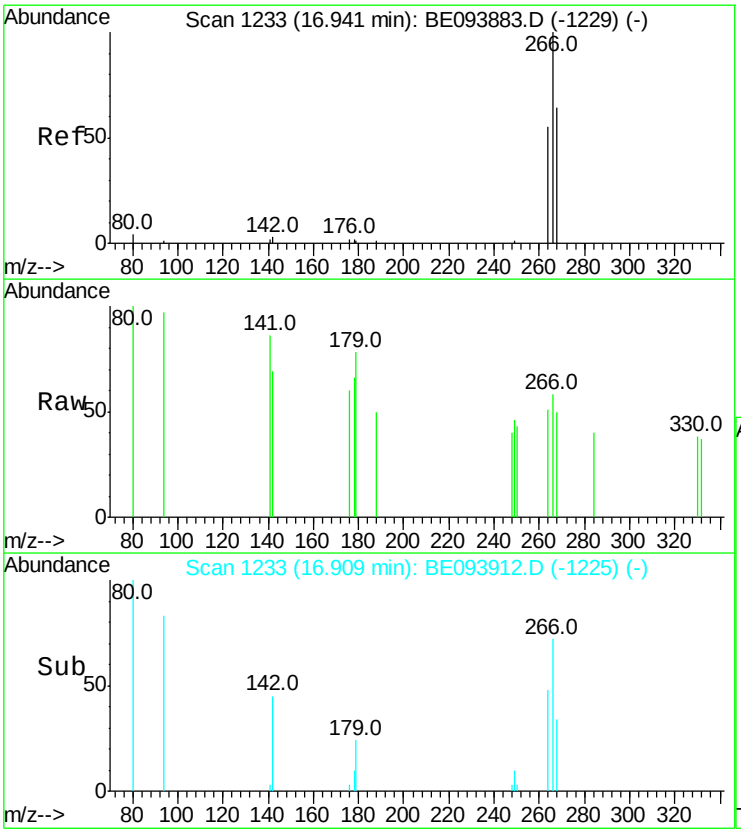
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Tgt Ion:284 Resp: 10

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

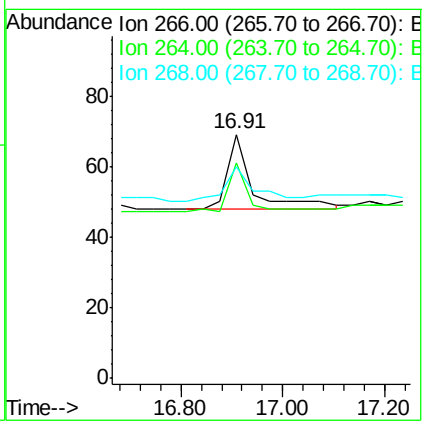


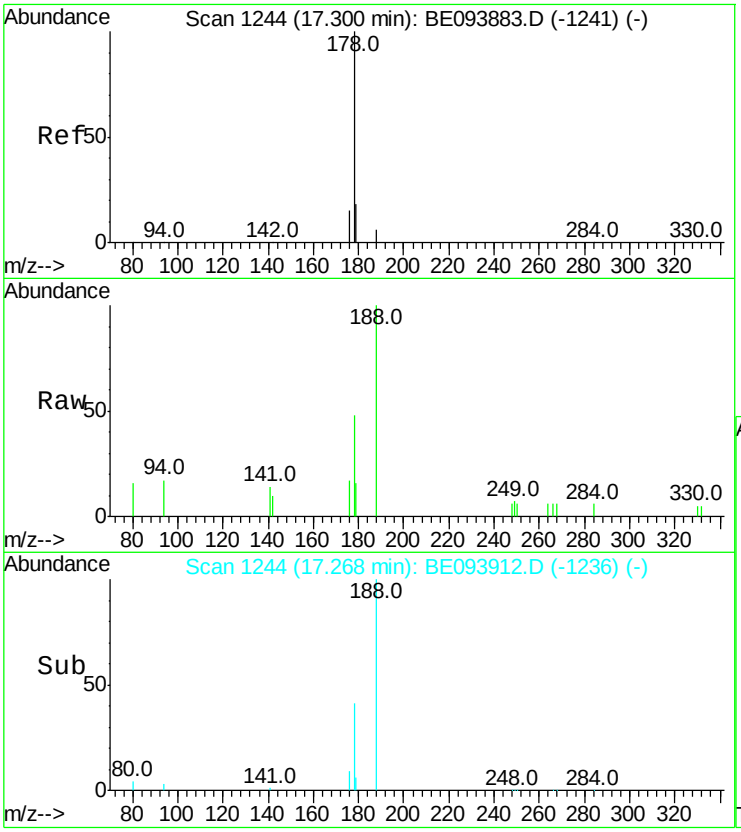


#22
Pentachlorophenol
Concen: 0.029 ng
RT: 16.91 min Scan# 1233
Delta R.T. -0.03 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Tgt Ion:266 Resp: 70

Ion	Ratio	Lower	Upper
266	100		
264	88.4	53.5	80.3#
268	87.0	60.0	90.0



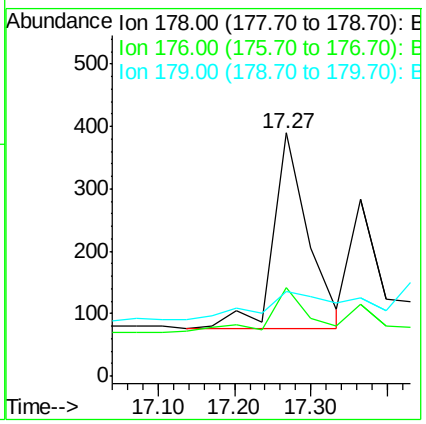


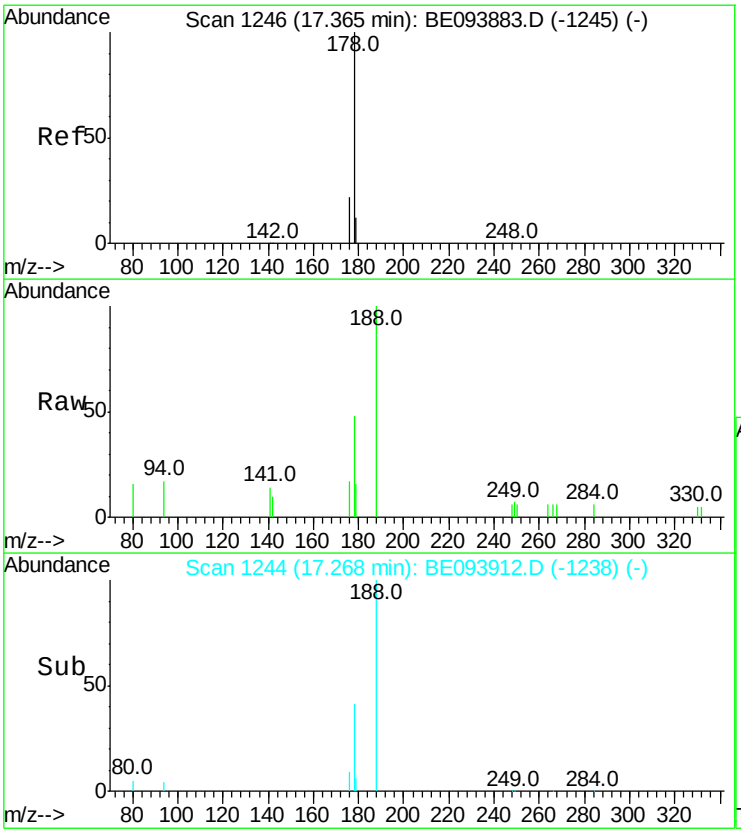
#23
Phenanthrene
Concen: 0.026 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Tgt Ion:178 Resp: 1013

Ion	Ratio	Lower	Upper
178	100		
176	23.9	0.0	0.0#
179	28.2	12.6	18.8#

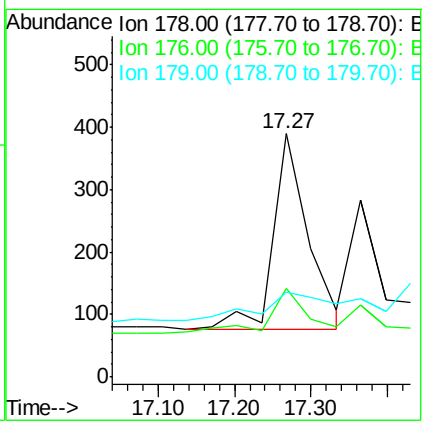


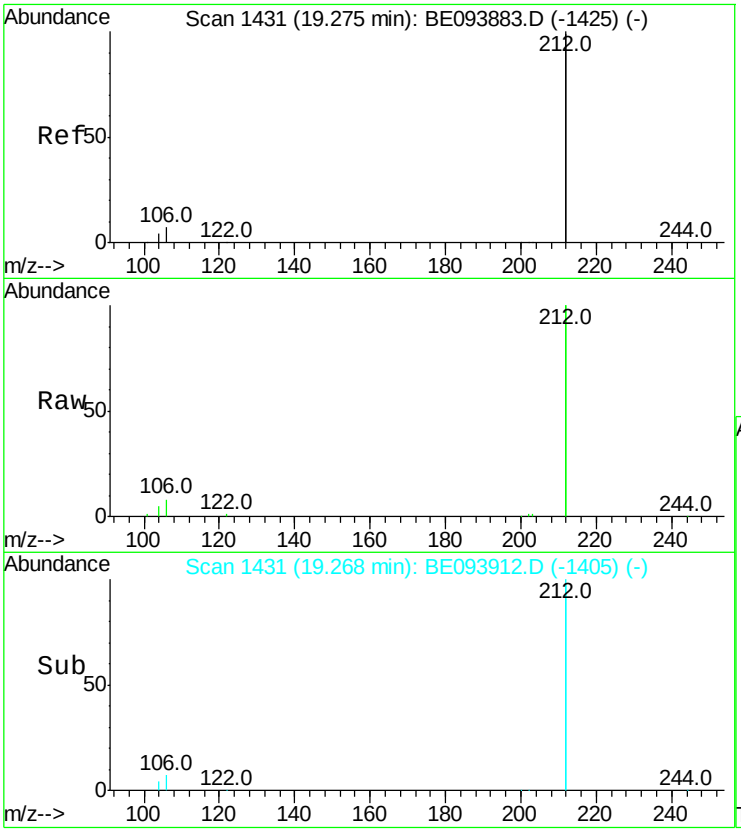


#24
Anthracene
Concen: 0.021 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.10 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Tgt Ion:178 Resp: 1013

Ion	Ratio	Lower	Upper
178	100		
176	22.6	16.0	24.0
179	28.2	0.0	0.0#



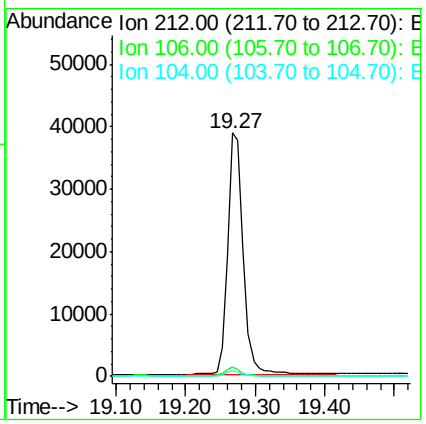


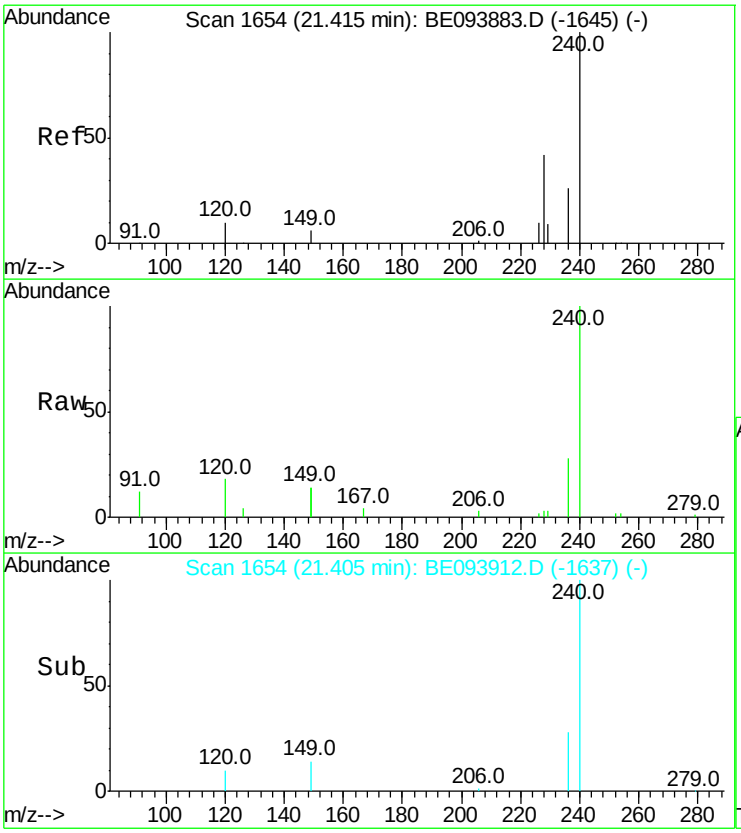
#25
Fluoranthene-d10
Concen: 0.328 ng
RT: 19.27 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Tgt Ion:212 Resp: 58968

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.7	4.1
104	2.0	1.6	2.4

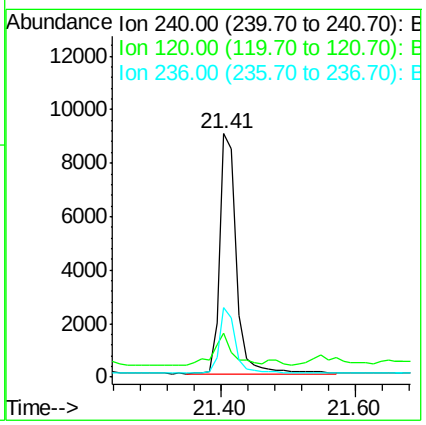


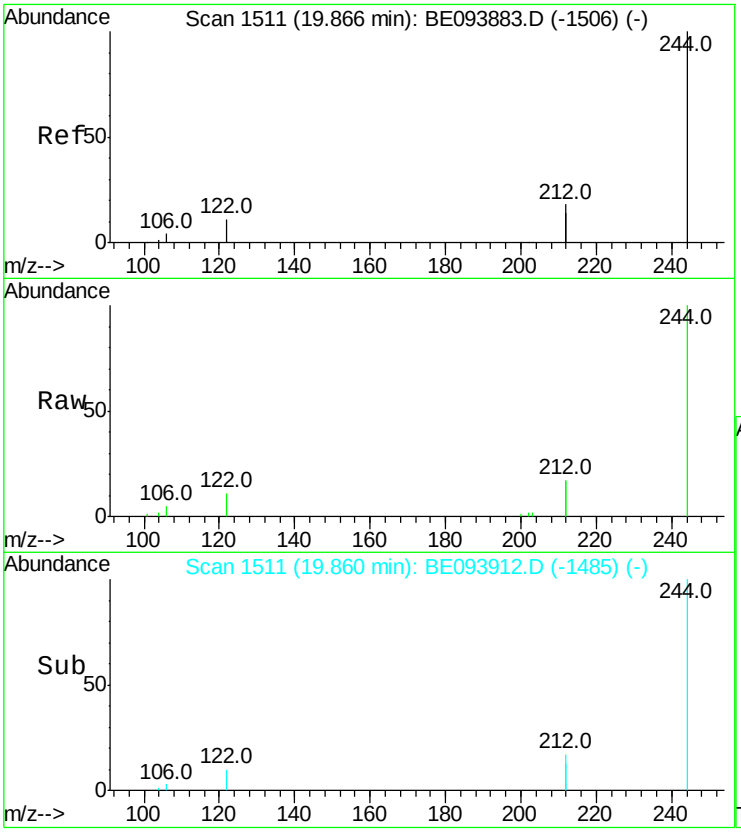


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Tgt Ion:240 Resp: 15594

Ion	Ratio	Lower	Upper
240	100		
120	18.2	8.7	13.1#
236	28.5	21.3	31.9



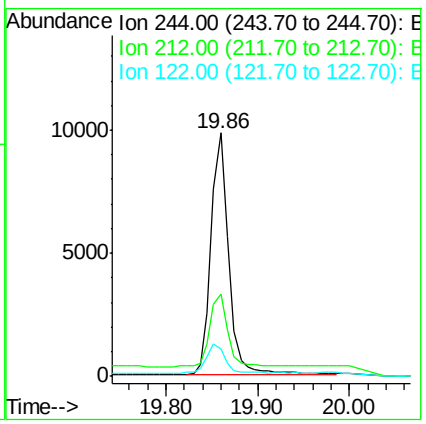


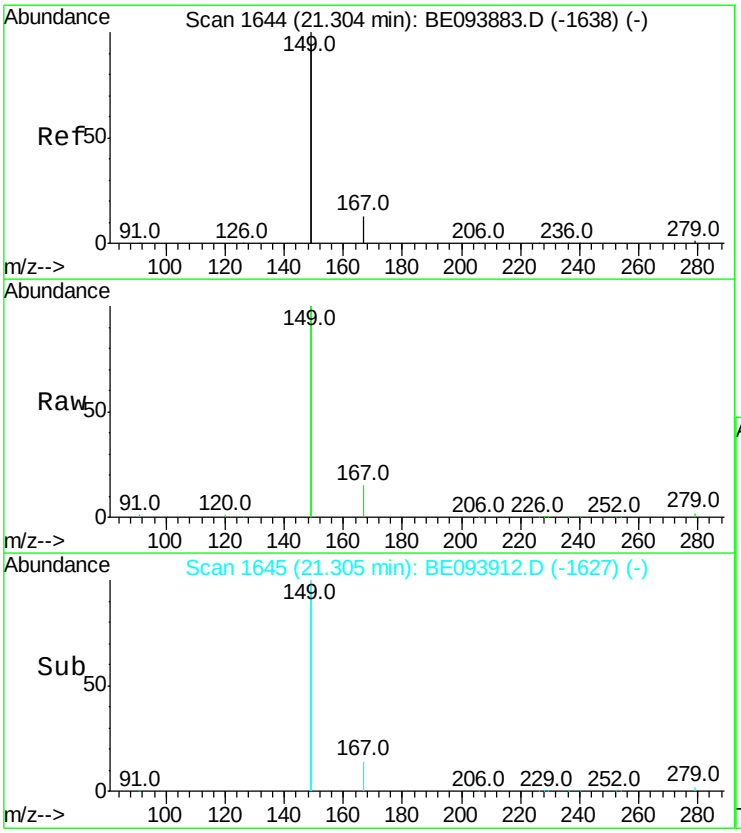
#29
Terphenyl-d14
Concen: 0.468 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Tgt Ion:244 Resp: 13197

Ion	Ratio	Lower	Upper
244	100		
212	34.0	28.3	42.5
122	11.1	9.4	14.0

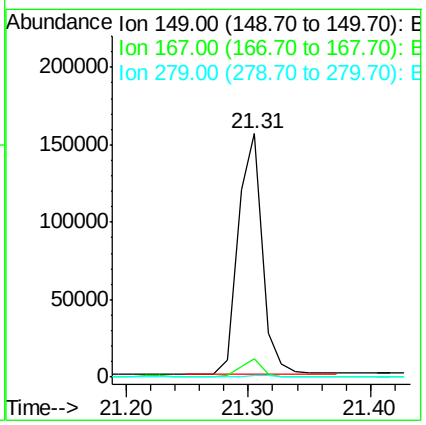


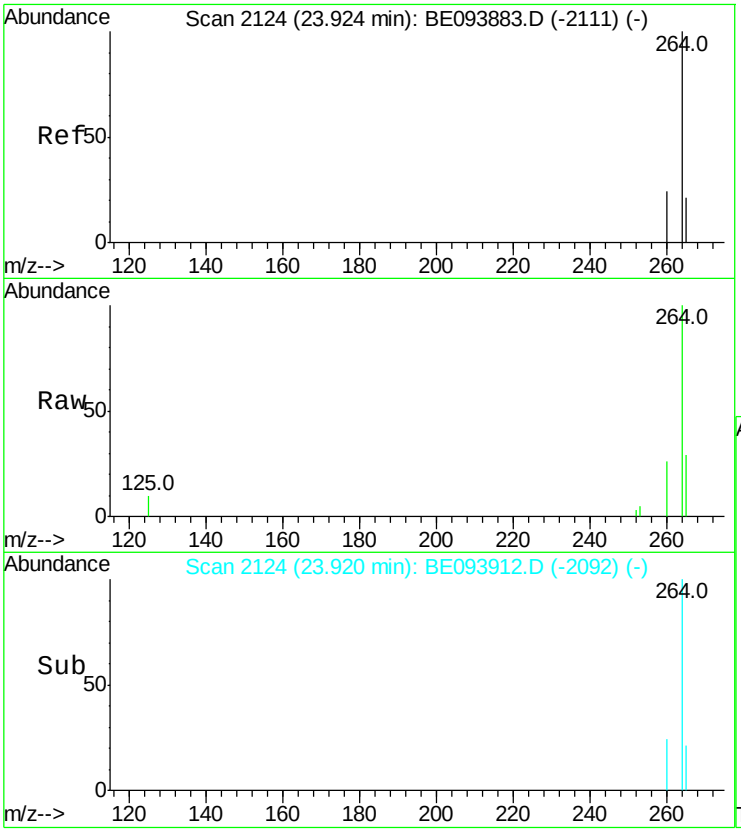


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.163 ng
RT: 21.31 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Tgt Ion:149 Resp: 211173

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.8	0.7	1.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Tgt Ion:264 Resp: 13806

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.0	30.0
265	28.7	24.0	36.0