Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101618\
Data File : BE097943.D
Acq On : 17 Oct 2018 12:07
Operator : SJ/JU
Sample : J5317-05DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE-122D1-20181004DL

Quant Time: Oct 17 17:14:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 15:36:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1924	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	8299	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	5263	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	14484	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	17457	0.40	ng	-0.01
34) Perylene-d12	24.03	264	17998	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	587	0.10	ng	-0.01
5) Phenol-d6	7.05	99	502	0.06	ng	-0.01
8) Nitrobenzene-d5	9.04	82	1568	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2650	0.19	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	492	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	5137	0.24	ng	0.00
25) Fluoranthene-d10	19.33	212	37712	0.19	ng	0.00
29) Terphenyl-d14	19.92	244	11461	0.29	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	6462	1.926	ng	93

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

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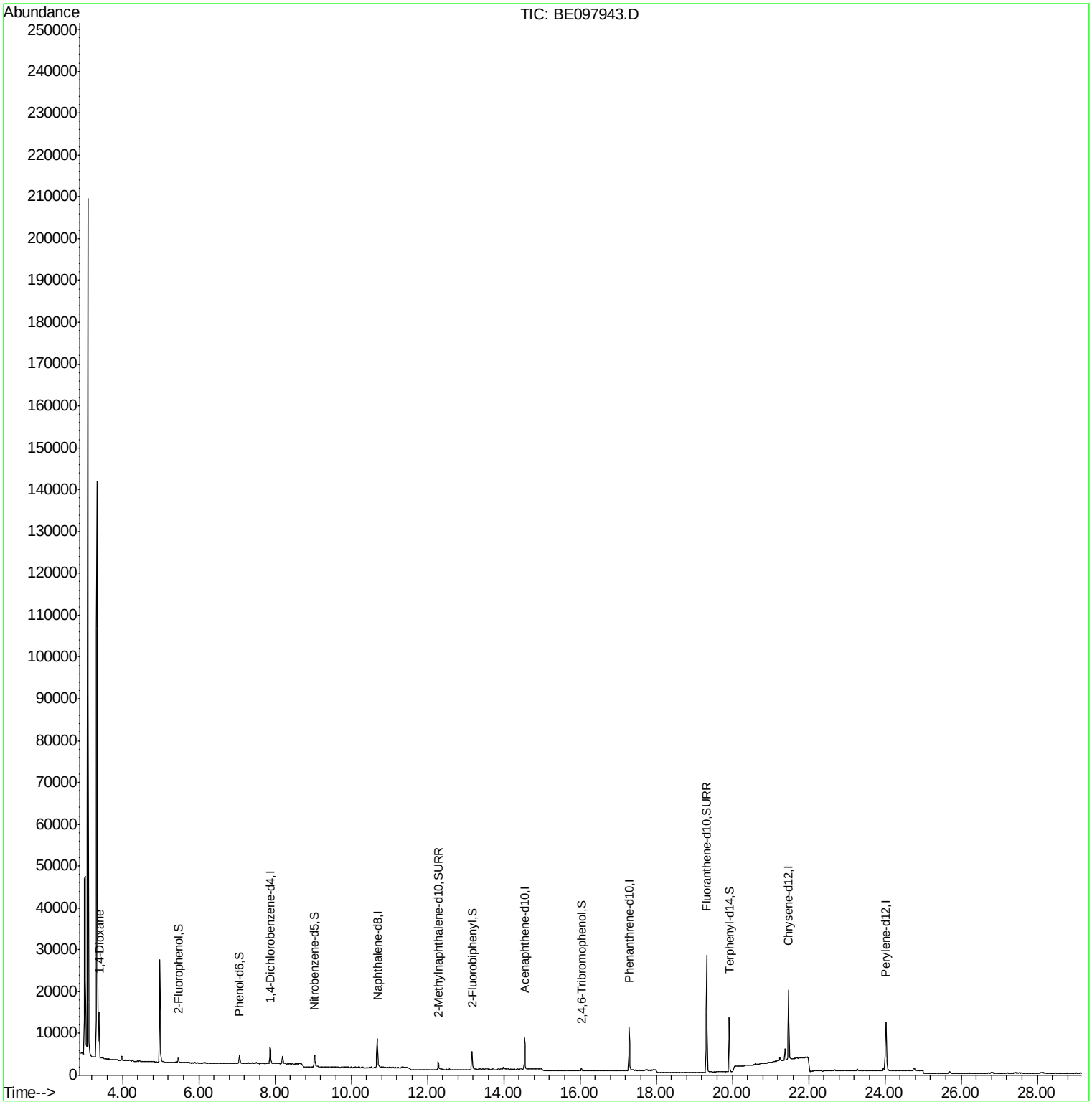
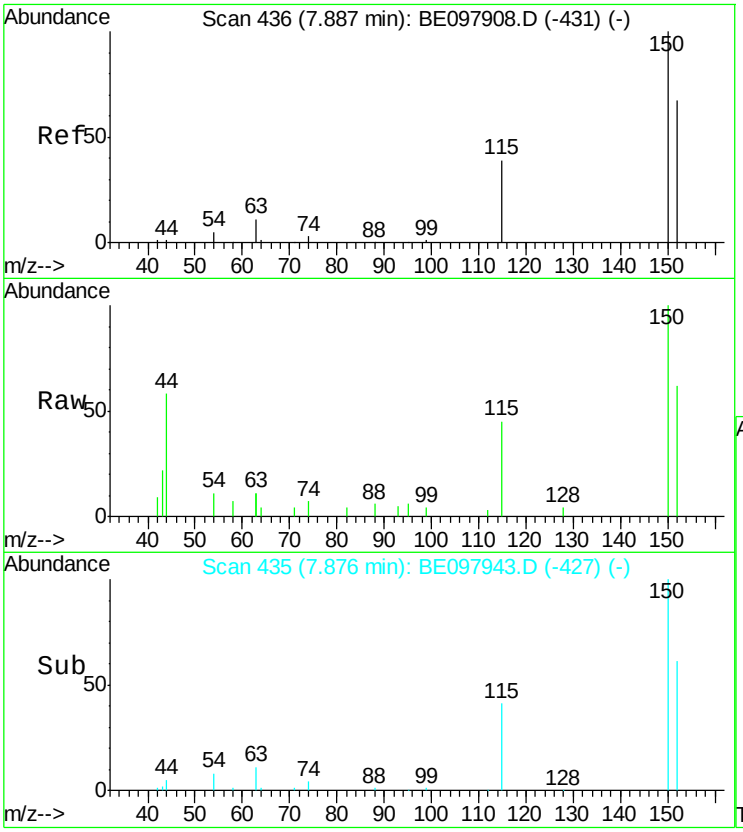


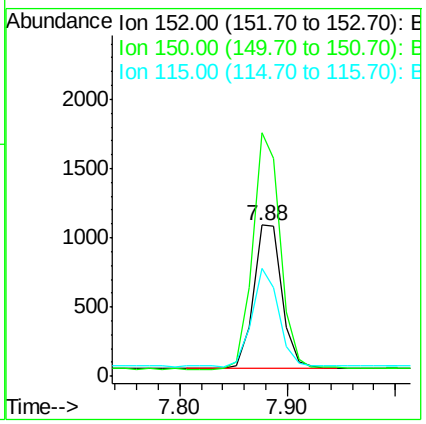


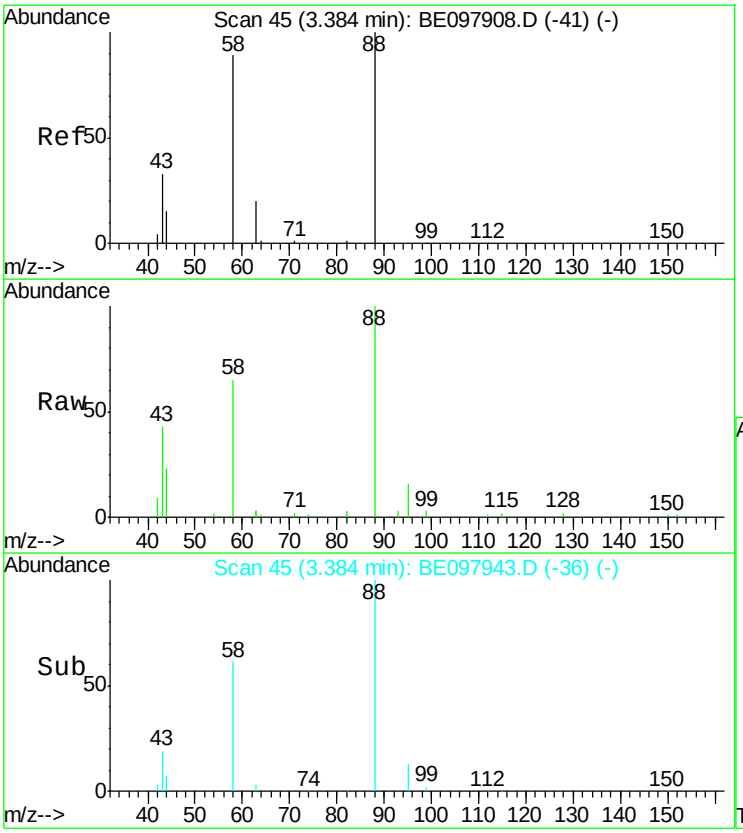
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004DL

Tgt Ion:152 Resp: 1924

Ion	Ratio	Lower	Upper
152	100		
150	160.8	118.2	177.4
115	71.6	50.9	76.3

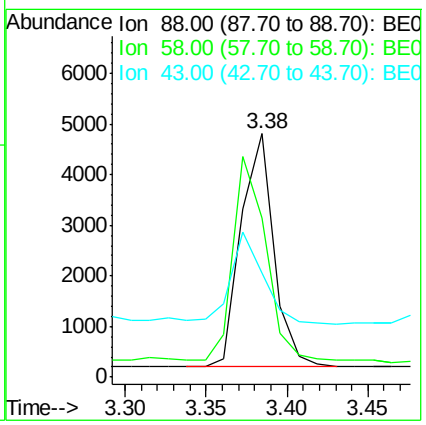


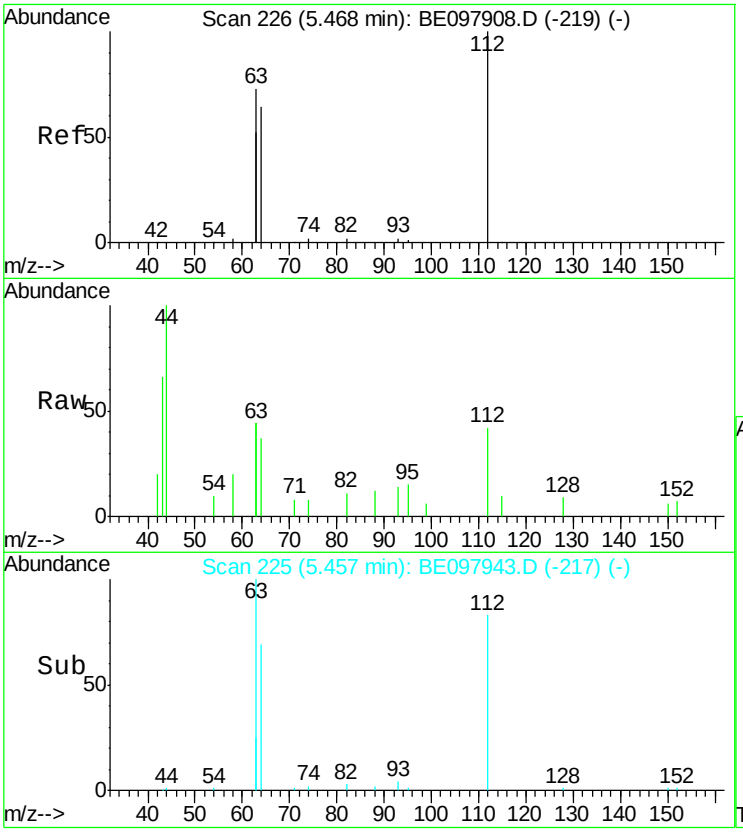


#2
1,4-Dioxane
Concen: 1.926 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Tgt Ion: 88 Resp: 6462

Ion	Ratio	Lower	Upper
88	100		
58	85.2	73.2	109.8
43	40.8	36.9	55.3



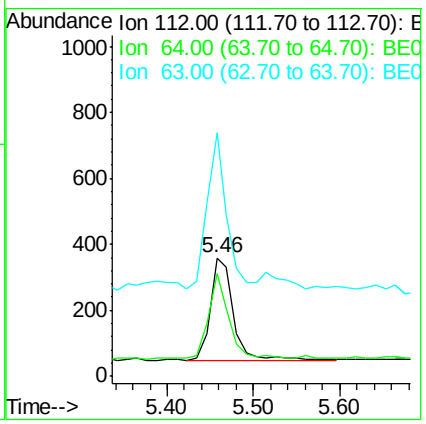


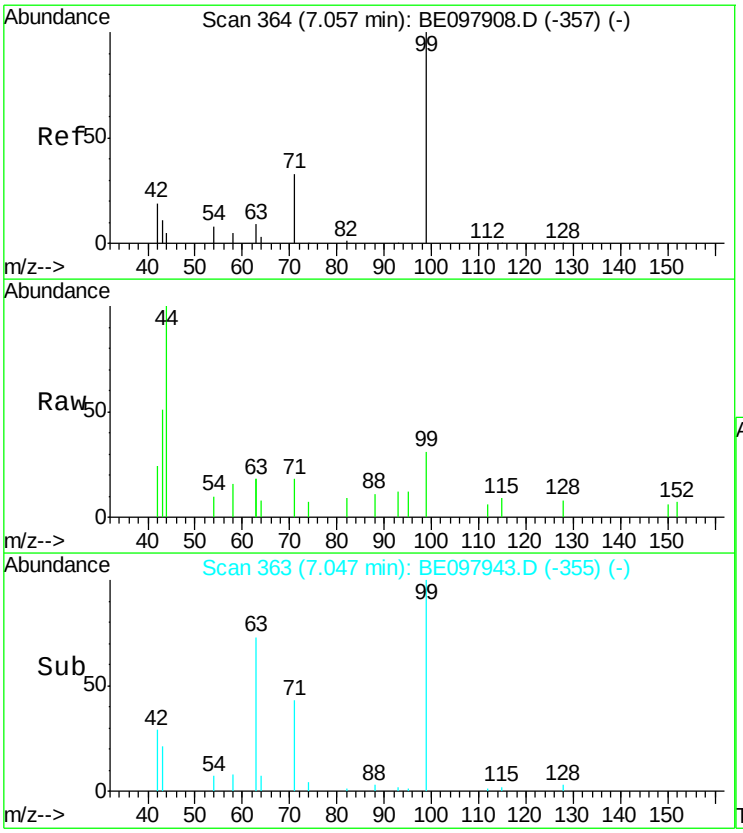
#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.01 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004DL

Tgt Ion:112 Resp: 587

Ion	Ratio	Lower	Upper
112	100		
64	72.1	58.9	88.3
63	129.6	120.3	180.5

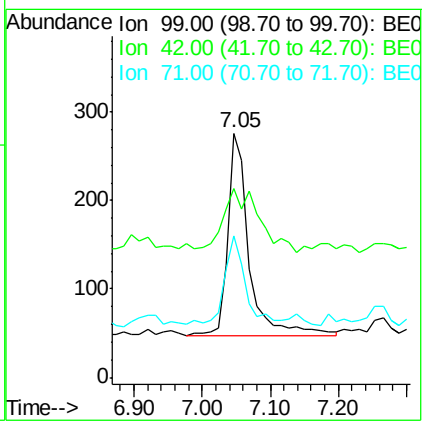


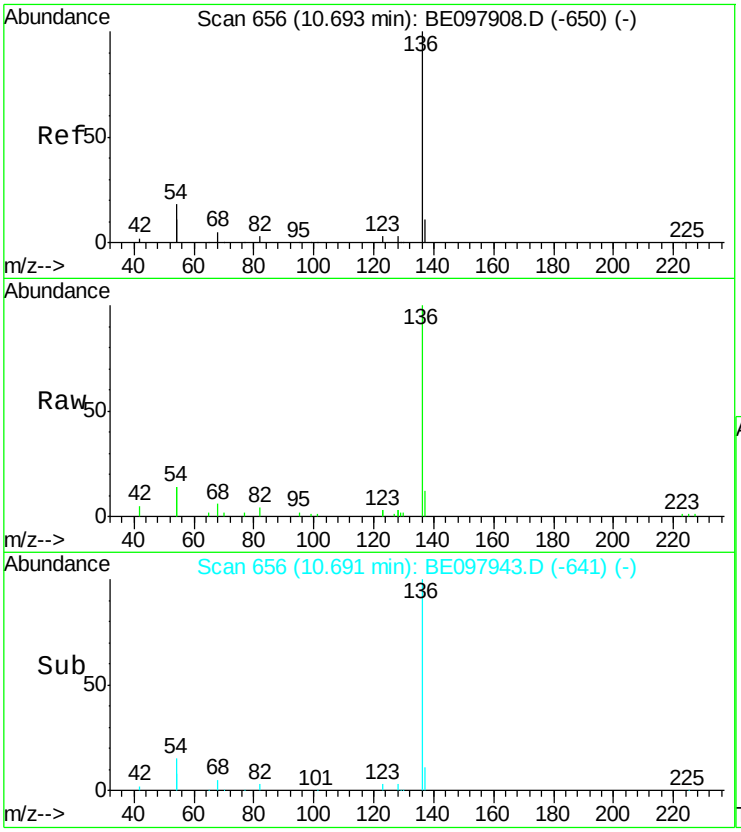


#5
Phenol-d6
Concen: 0.056 ng
RT: 7.05 min Scan# 363
Delta R.T. -0.01 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Tgt Ion: 99 Resp: 502

Ion	Ratio	Lower	Upper
99	100		
42	53.8	19.9	29.9#
71	42.2	27.8	41.8#



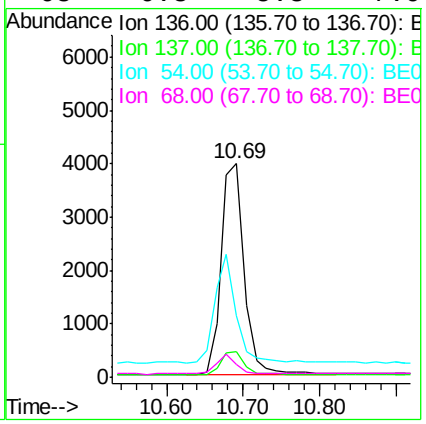


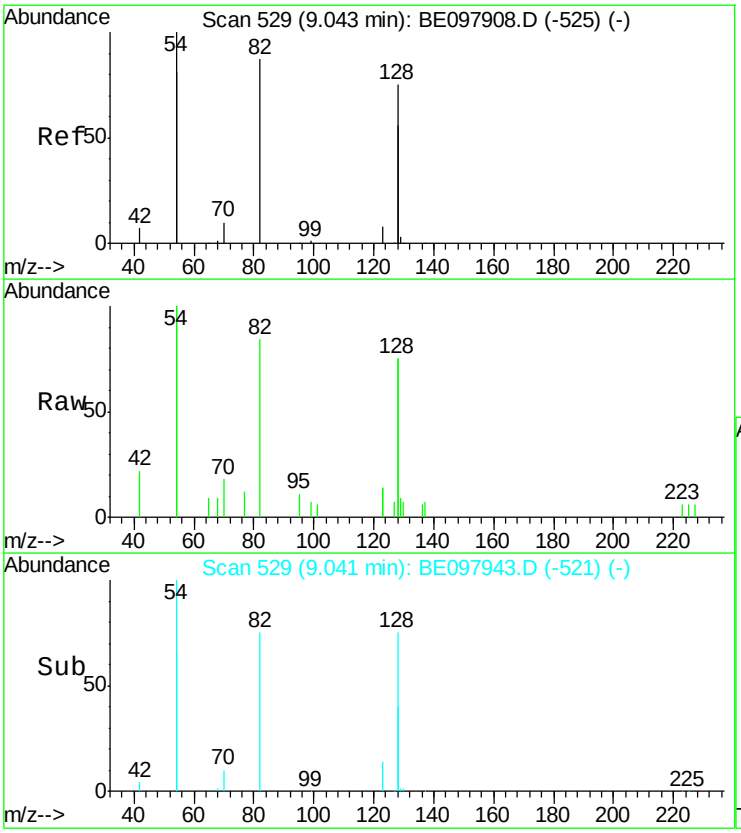
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004DL

Tgt Ion:136 Resp: 8299

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	28.9	27.7	41.5
68	6.3	5.3	7.9

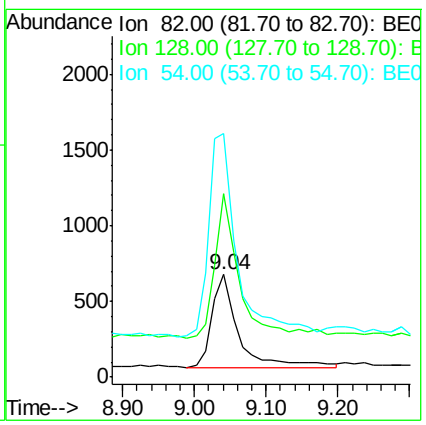


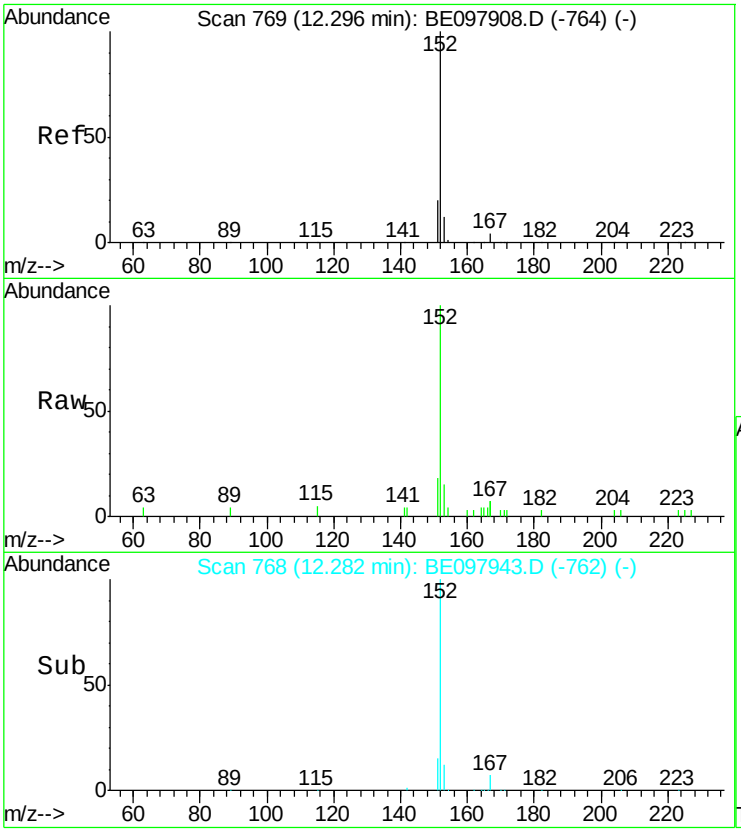


#8
Nitrobenzene-d5
Concen: 0.200 ng
RT: 9.04 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Tgt Ion: 82 Resp: 1568

Ion	Ratio	Lower	Upper
82	100		
128	178.4	129.9	194.9
54	237.5	174.0	261.0



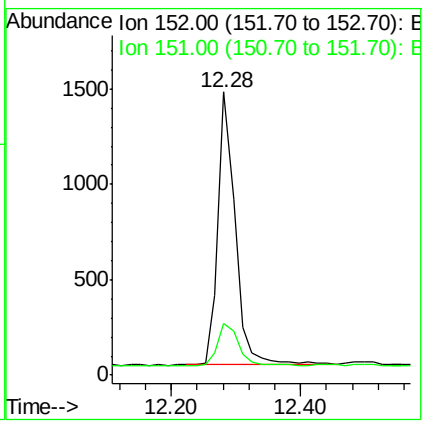


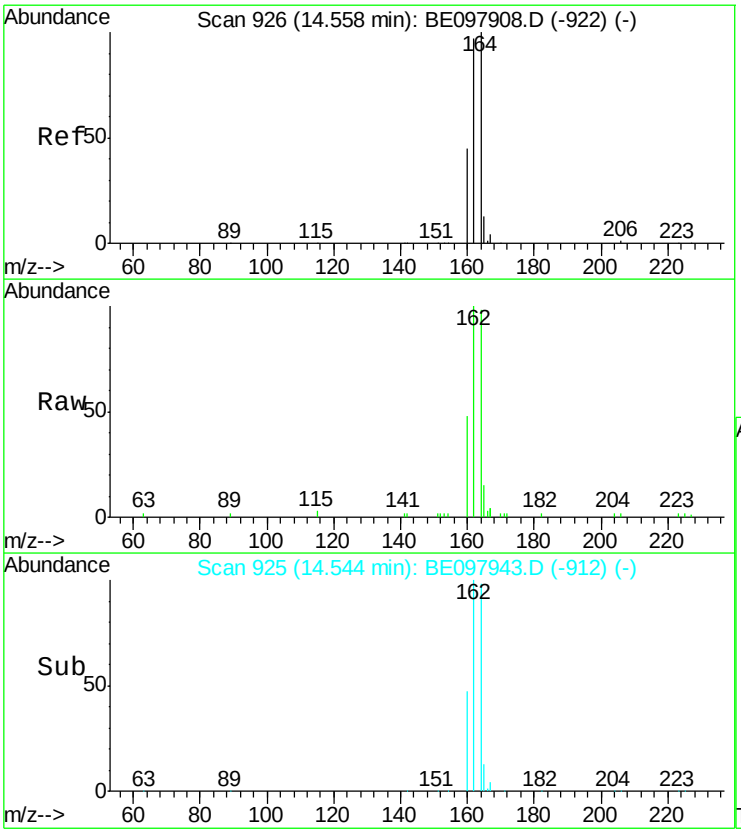
#11
2-Methylnaphthalene-d10
Concen: 0.192 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004DL

Tgt Ion:152 Resp: 2650

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.2	24.4

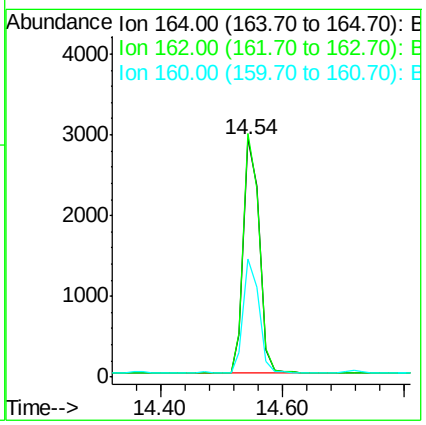


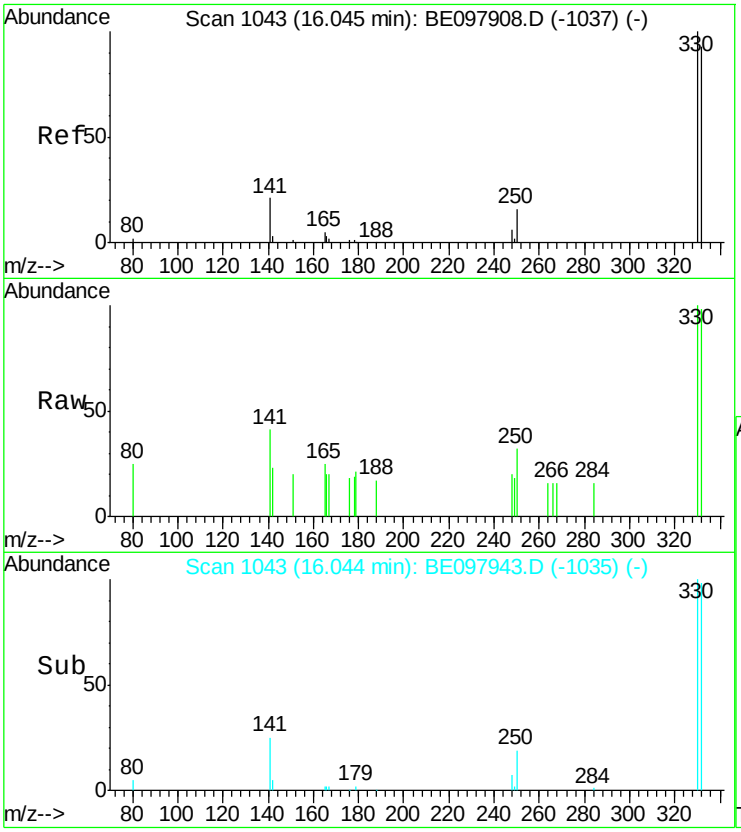


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Tgt Ion:164 Resp: 5263

Ion	Ratio	Lower	Upper
164	100		
162	102.2	77.4	116.2
160	49.5	36.5	54.7



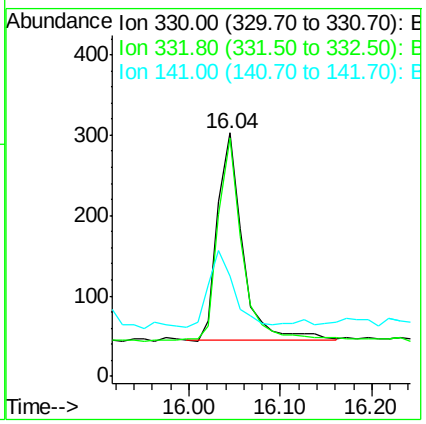


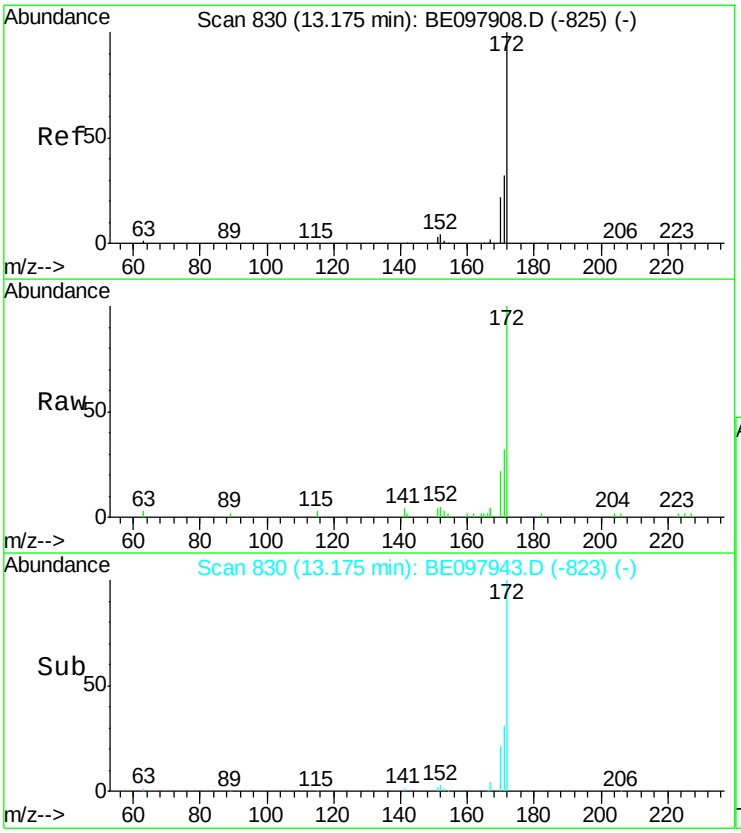
#14
2,4,6-Tribromophenol
Concen: 0.174 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004DL

Tgt Ion:330 Resp: 492

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.5	114.7
141	37.4	31.8	47.6

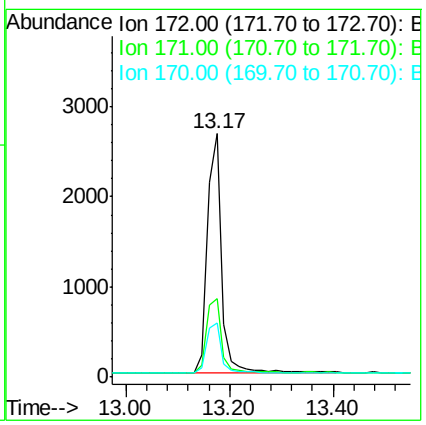


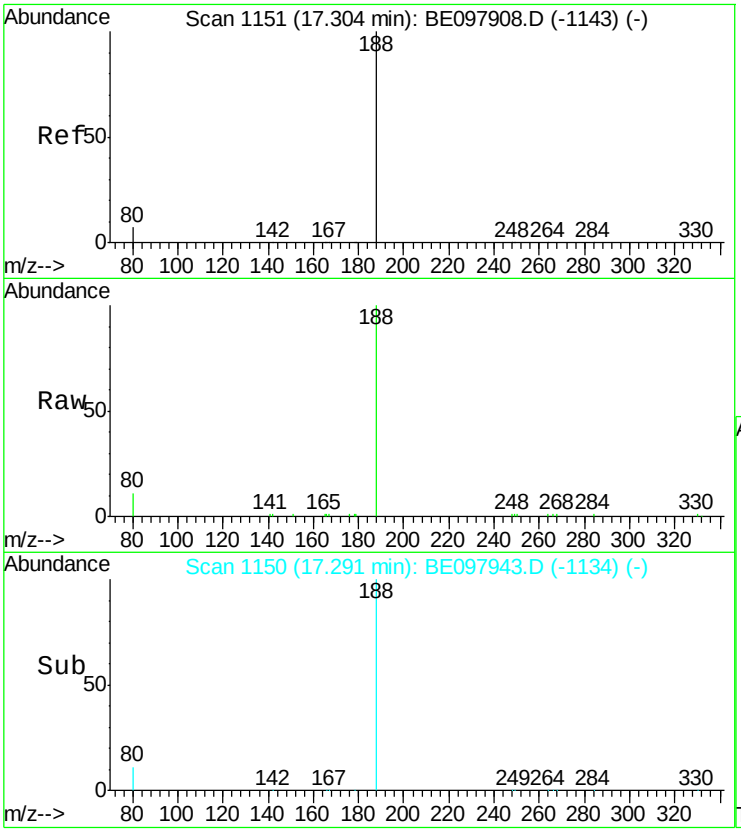


#15
2-Fluorobiphenyl
Concen: 0.239 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Tgt Ion:172 Resp: 5137

Ion	Ratio	Lower	Upper
172	100		
171	32.2	26.0	39.0
170	22.1	18.0	27.0



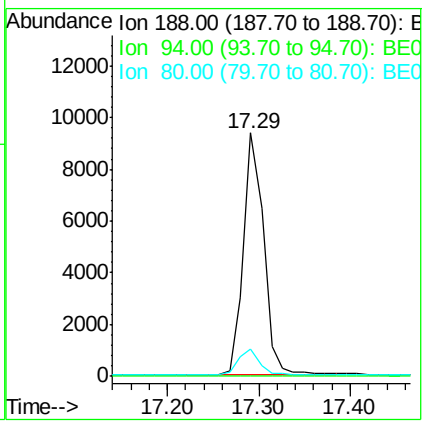


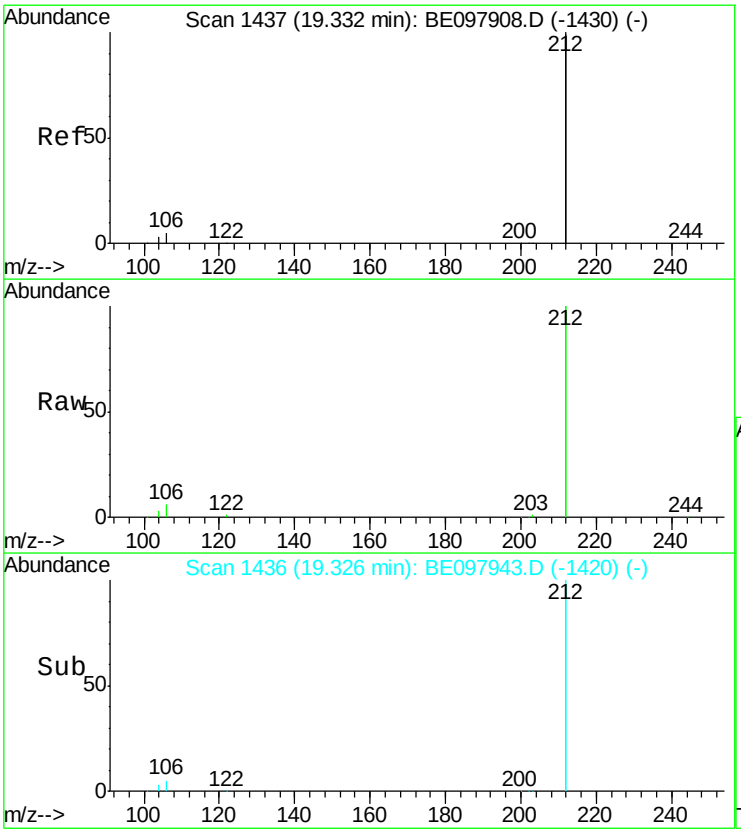
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004DL

Tgt Ion:188 Resp: 14484

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	6.3	9.5#

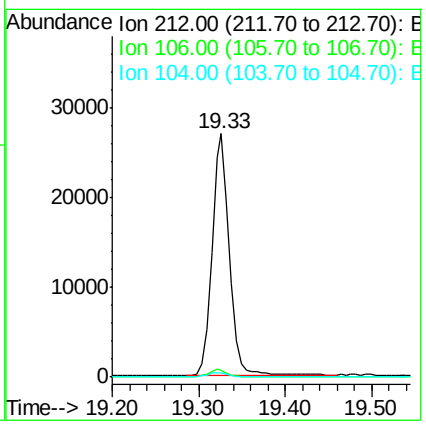


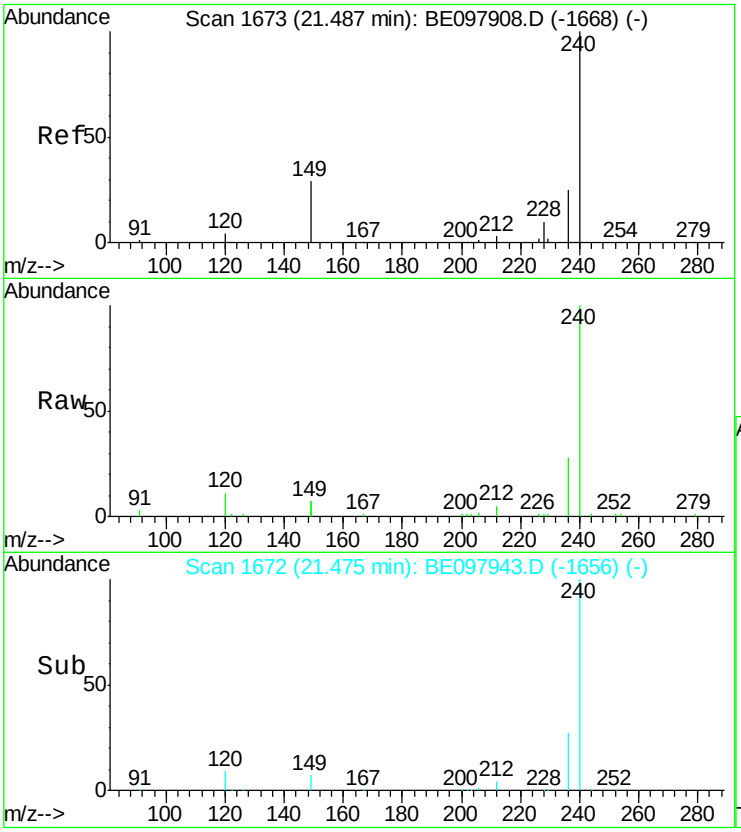


#25
Fluoranthene-d10
Concen: 0.192 ng
RT: 19.33 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Tgt Ion:212 Resp: 37712

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.3	3.5
104	1.7	1.3	1.9



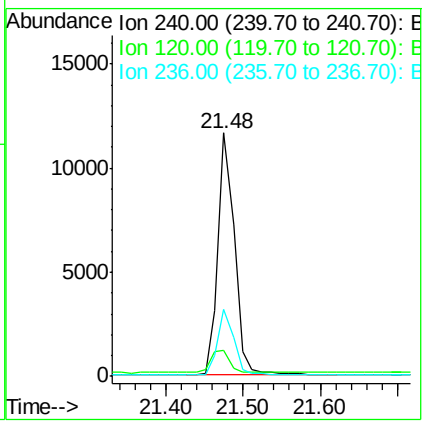


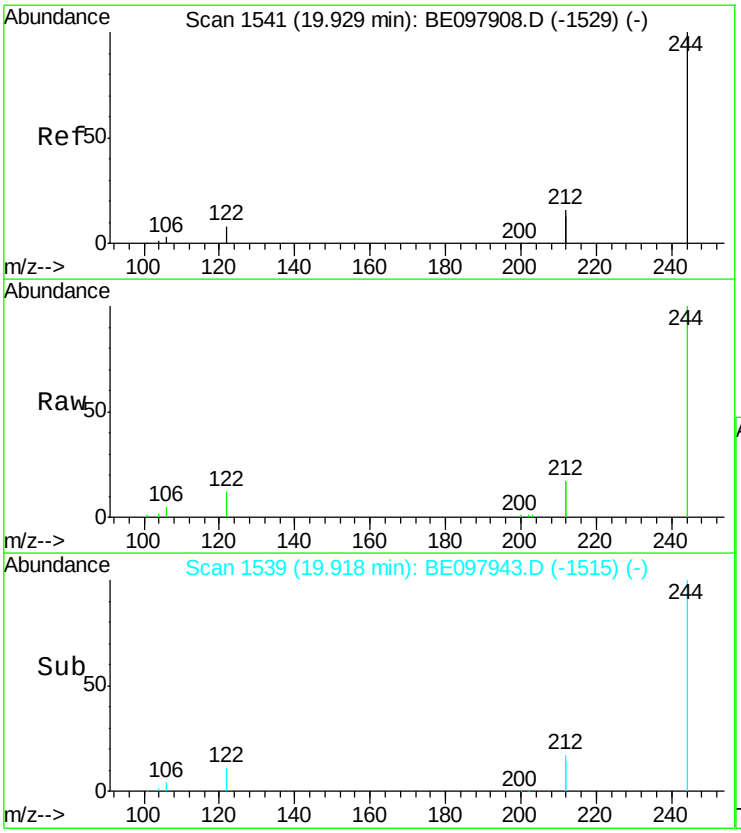
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004DL

Tgt Ion:240 Resp: 17457

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.1	10.7
236	27.6	21.3	31.9

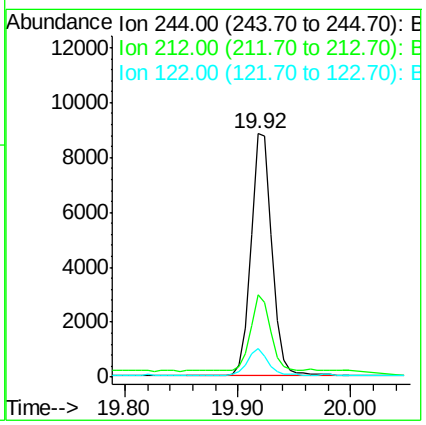


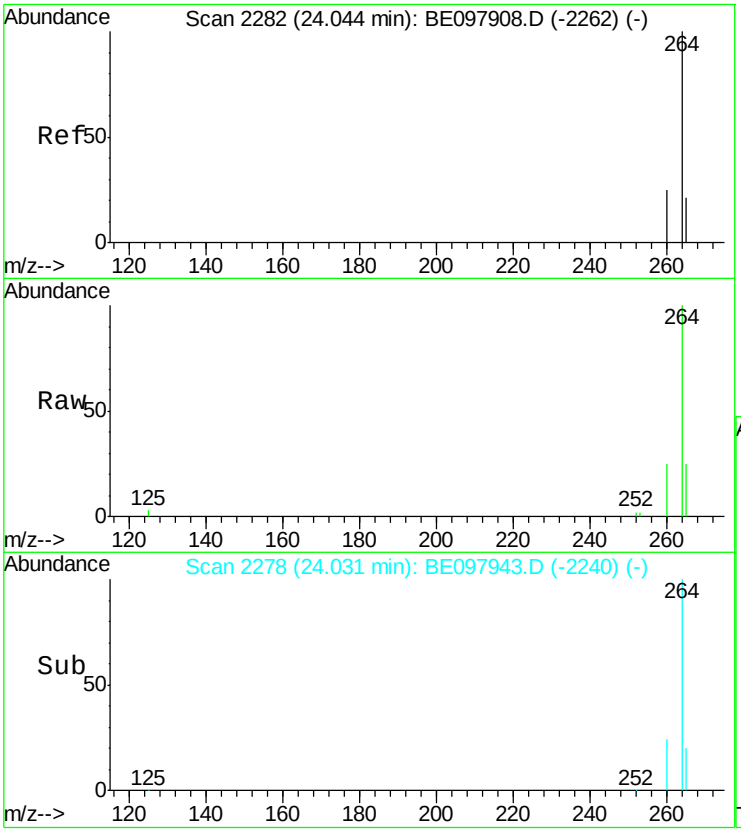


#29
Terphenyl-d14
Concen: 0.286 ng
RT: 19.92 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Tgt Ion:244 Resp: 11461

Ion	Ratio	Lower	Upper
244	100		
212	33.8	26.2	39.2
122	11.8	7.7	11.5#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.03 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BE097943.D
Acq: 17 Oct 2018 12:07

Instrument :
BNA_E
ClientSampleId :
RE-122D1-20181004DL

Tgt Ion:264 Resp: 17998

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.1	31.7
265	25.3	29.2	43.8#