Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
Data File : BE097571.D
Acq On : 20 Sep 2018 11:10
Operator : SJ/JU
Sample : PB112778BL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB112778BL

Quant Time: Sep 20 12:13:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	815	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	3388	0.40	ng		0.01
13) Acenaphthene-d10	14.01	164	1920	0.40	ng		0.01
19) Phenanthrene-d10	16.78	188	5528	0.40	ng		0.02
27) Chrysene-d12	20.98	240	7179	0.40	ng		0.01
34) Perylene-d12	23.21	264	7196	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1110	0.45	ng		0.00
5) Phenol-d6	6.64	99	634	0.20	ng		0.03
8) Nitrobenzene-d5	8.58	82	806	0.31	ng		0.05
11) 2-Methylnaphthalene-d10	11.75	152	2110	0.45	ng		0.04
14) 2,4,6-Tribromophenol	15.55	330	120	0.23	ng		0.03
15) 2-Fluorobiphenyl	12.64	172	3034	0.45	ng		0.02
25) Fluoranthene-d10	18.81	212	32106	0.45	ng		0.00
29) Terphenyl-d14	19.43	244	5653	0.43	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.38	42	11	0.025	ng	#	1
22) Pentachlorophenol	16.42	266	7	0.135	ng		95
37) Benzo(a)pyrene	23.13	252	14	0.021	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091918\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 10:54:43 2018
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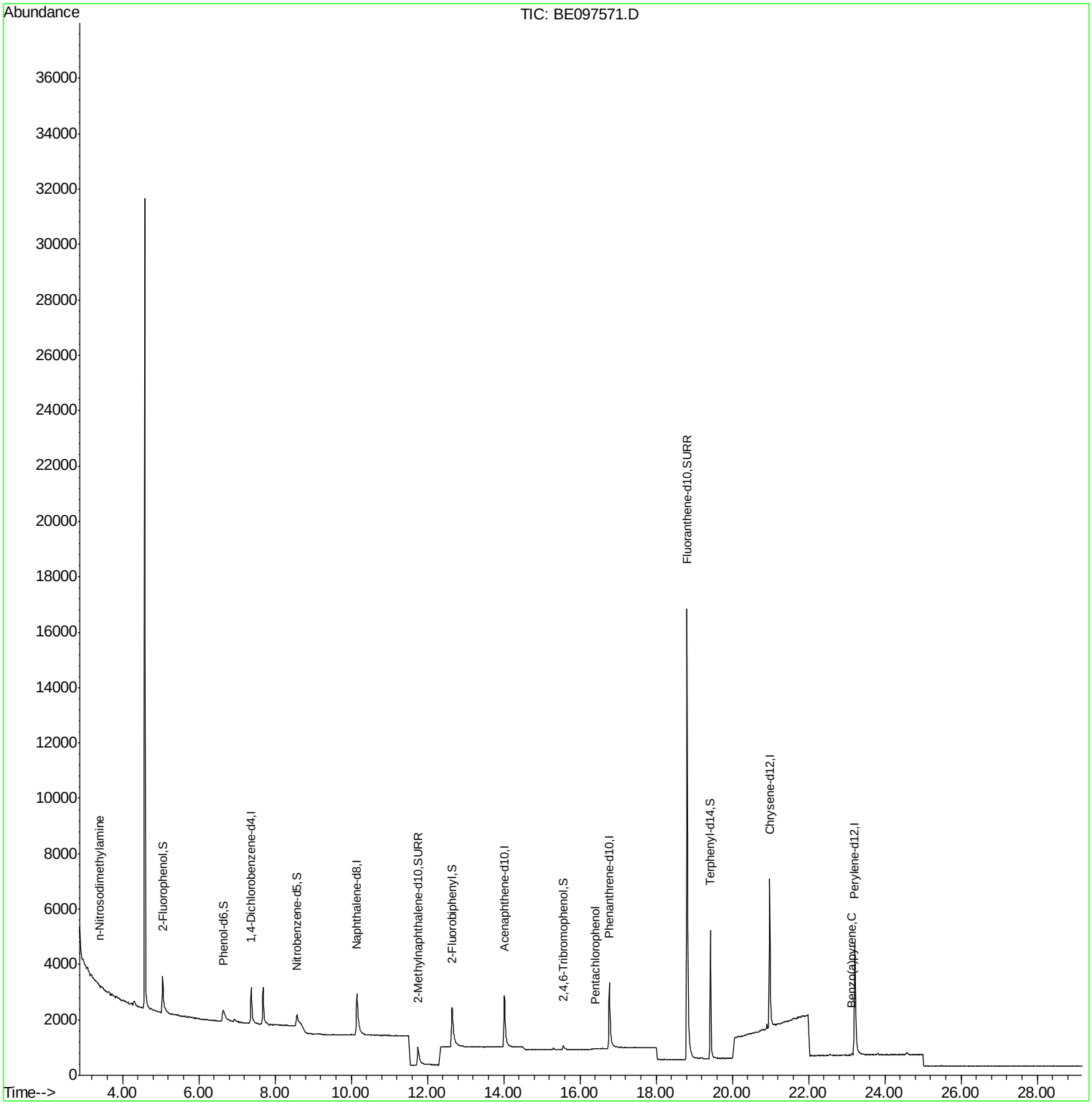
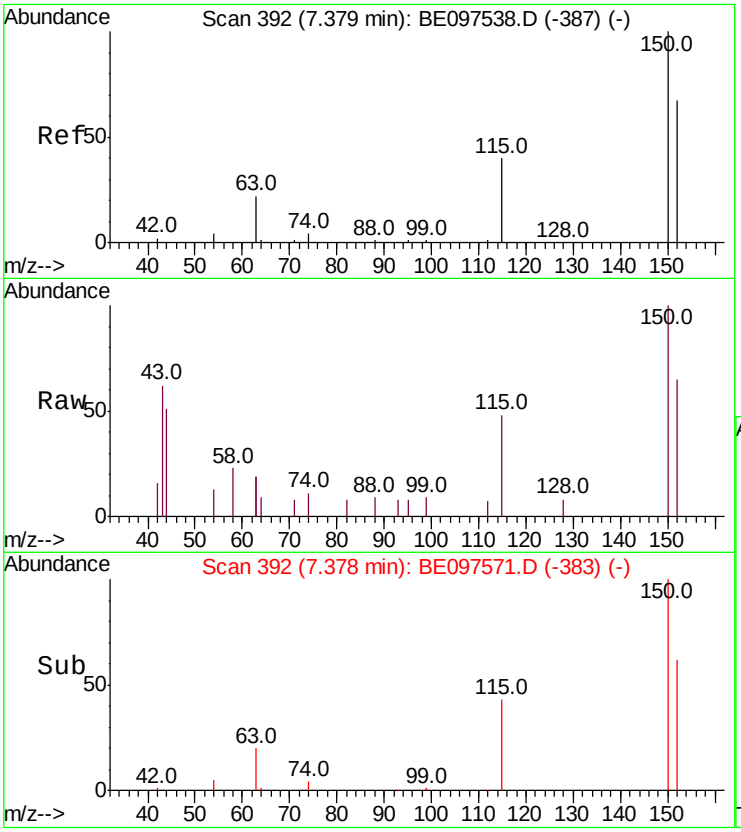


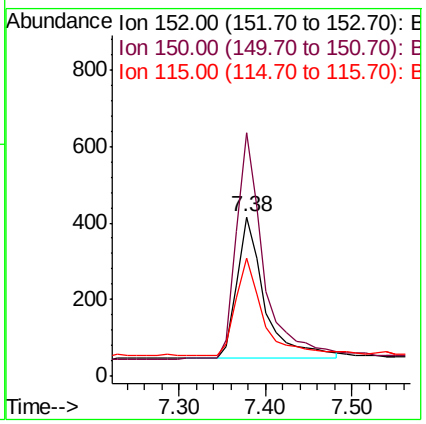


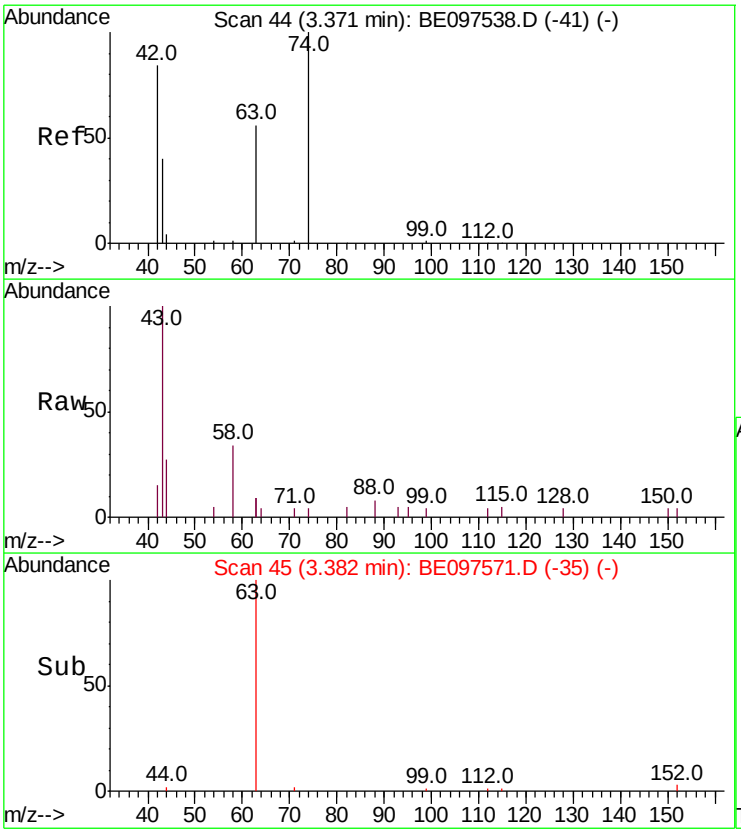
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Instrument :
BNA_E
ClientSampleId :
PB112778BL

Tgt Ion:152 Resp: 815

Ion	Ratio	Lower	Upper
152	100		
150	153.0	117.2	175.8
115	74.0	57.0	85.6

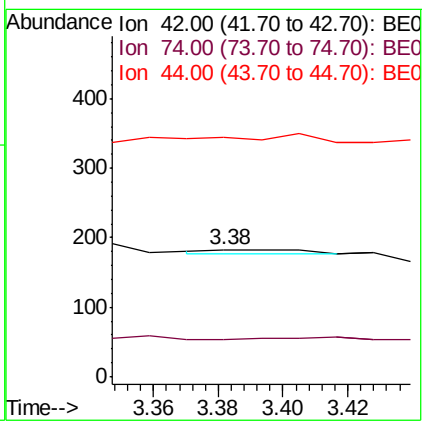


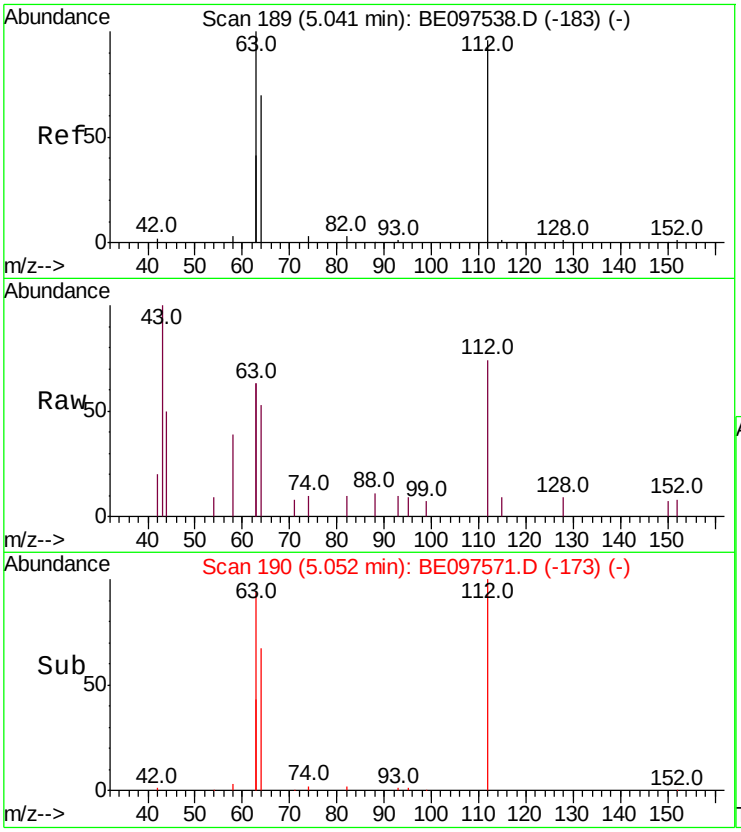


#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Tgt Ion: 42 Resp: 11

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	0.0	12.0	18.0#



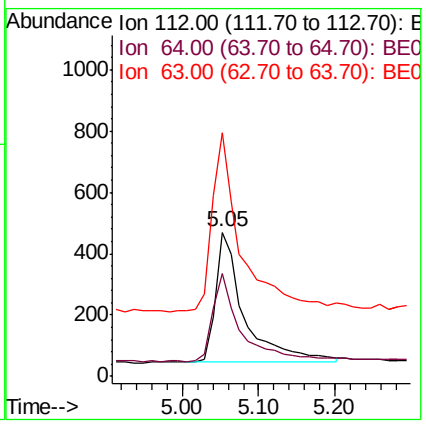


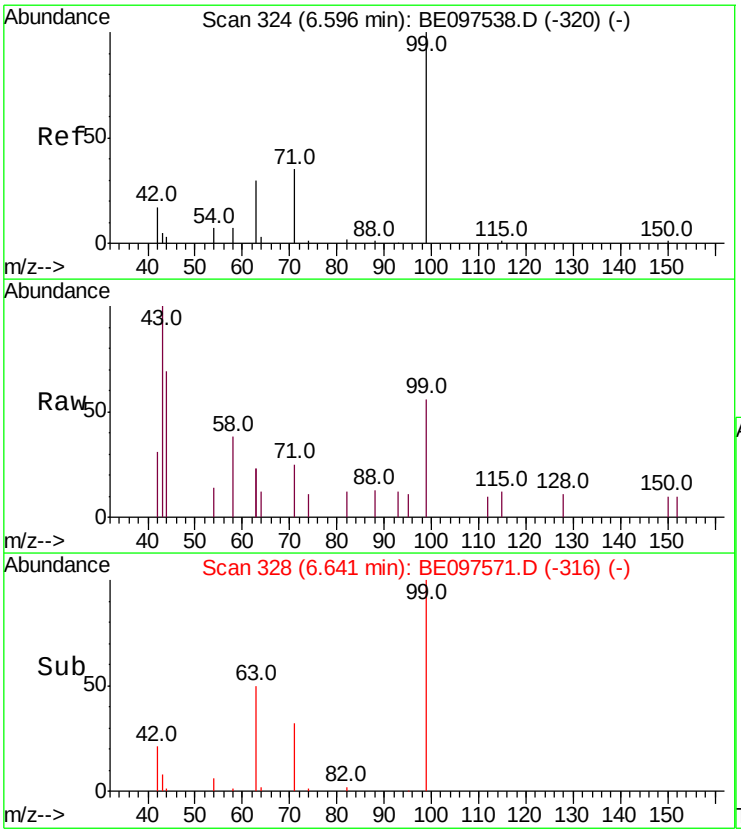
#4
2-Fluorophenol
Concen: 0.454 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Instrument :
BNA_E
ClientSampleId :
PB112778BL

Tgt Ion:112 Resp: 1110

Ion	Ratio	Lower	Upper
112	100		
64	66.8	60.1	90.1
63	137.8	116.8	175.2

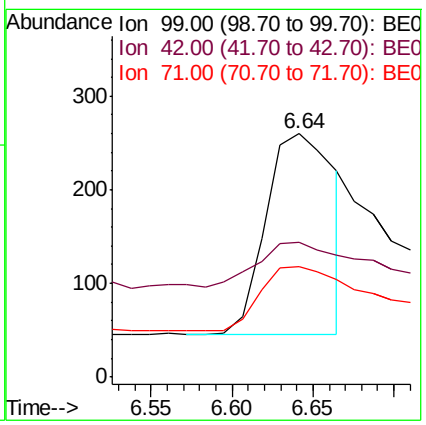


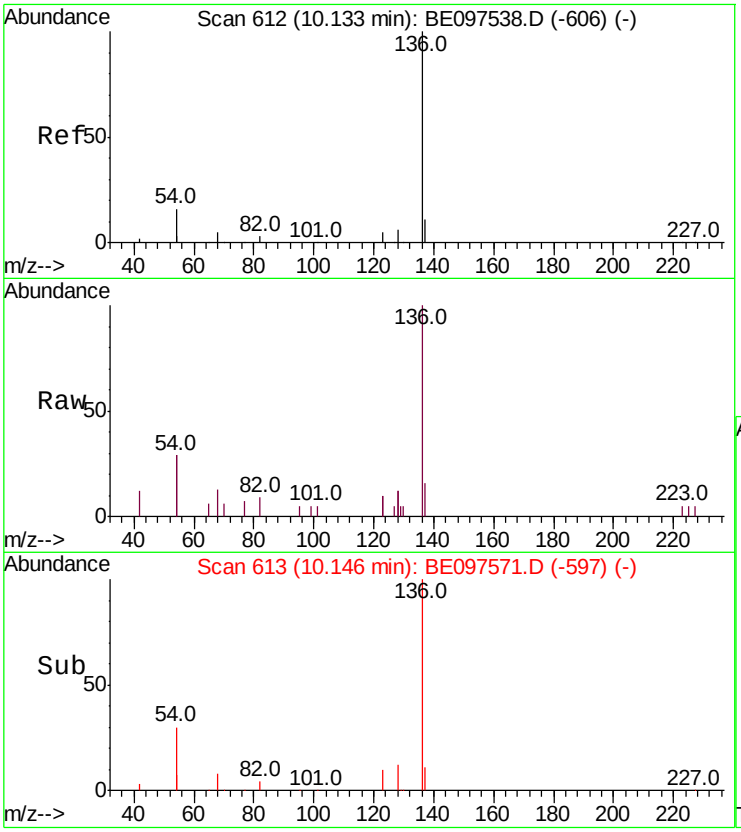


#5
Phenol-d6
Concen: 0.203 ng
RT: 6.64 min Scan# 328
Delta R.T. 0.03 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Tgt Ion: 99 Resp: 634

Ion	Ratio	Lower	Upper
99	100		
42	27.0	20.2	30.2
71	34.4	28.4	42.6



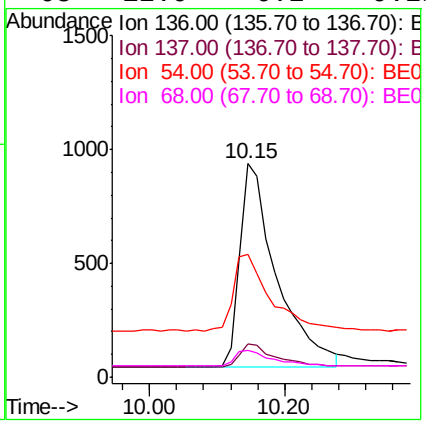


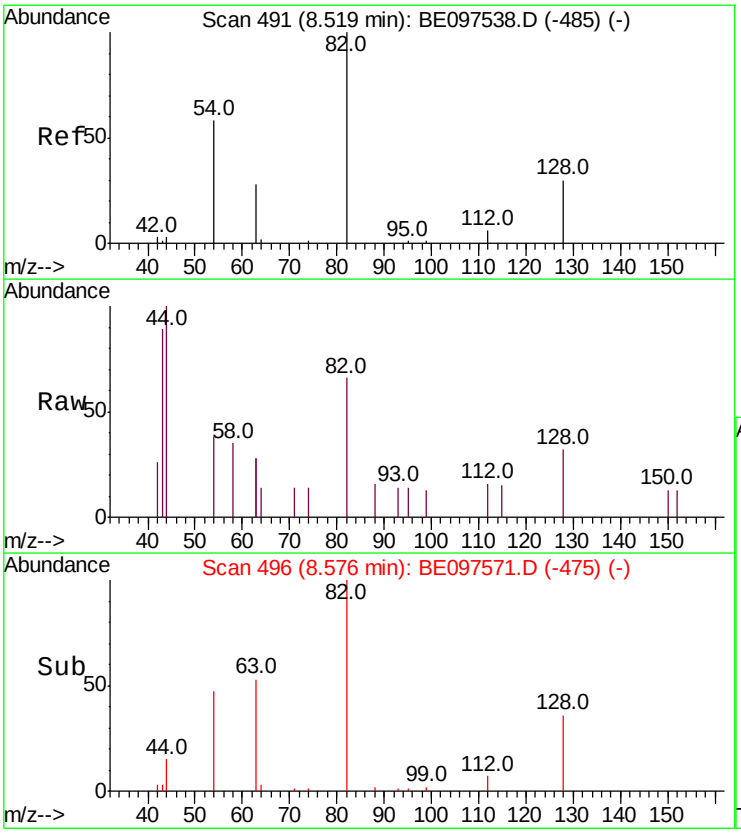
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.01 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Instrument :
BNA_E
ClientSampleId :
PB112778BL

Tgt Ion:136 Resp: 3388

Ion	Ratio	Lower	Upper
136	100		
137	15.7	9.5	14.3#
54	57.7	29.1	43.7#
68	12.9	6.2	9.2#

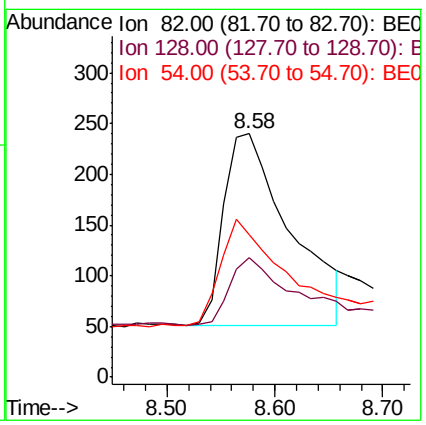


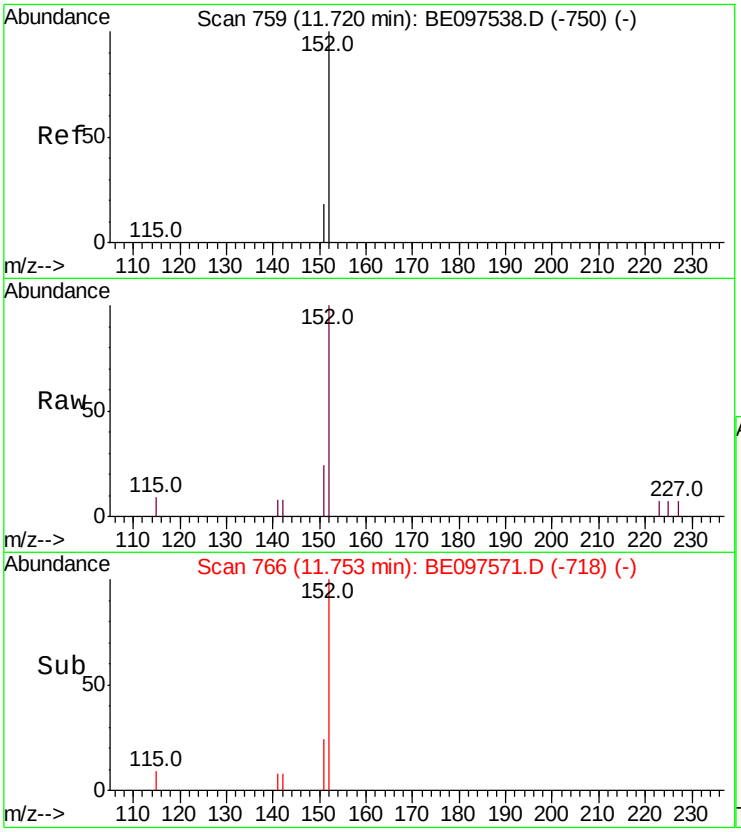


#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.58 min Scan# 496
Delta R.T. 0.05 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Tgt Ion: 82 Resp: 806

Ion	Ratio	Lower	Upper
82	100		
128	49.2	24.0	36.0#
54	58.3	40.0	60.0



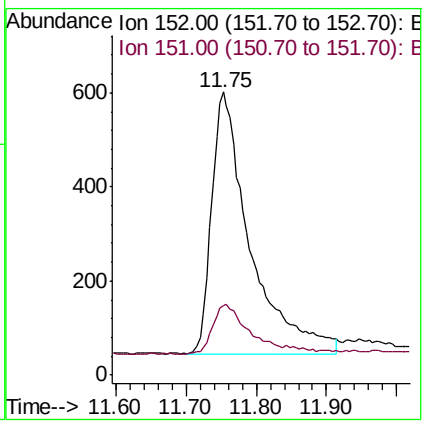


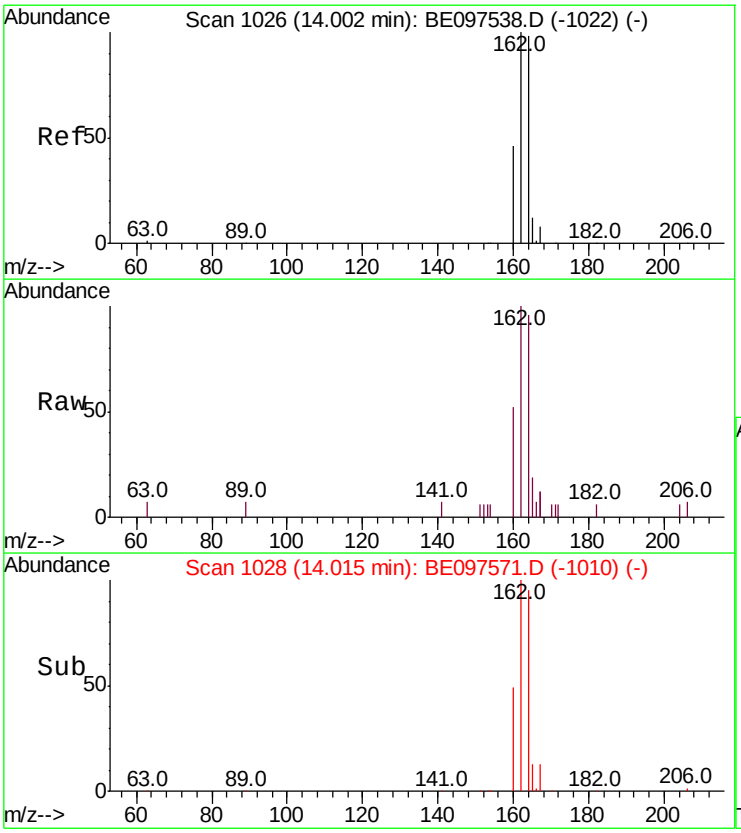
#11
2-Methylnaphthalene-d10
Concen: 0.452 ng
RT: 11.75 min Scan# 766
Delta R.T. 0.04 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Instrument :
BNA_E
ClientSampleId :
PB112778BL

Tgt Ion:152 Resp: 2110

Ion	Ratio	Lower	Upper
152	100		
151	17.5	15.4	23.0

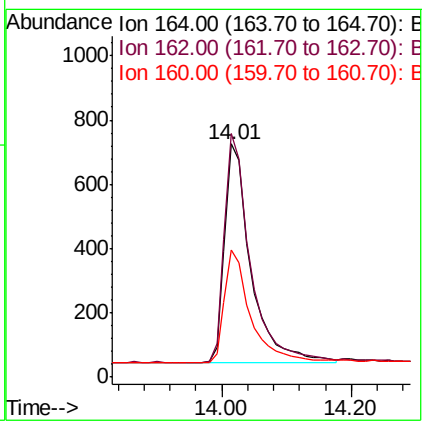


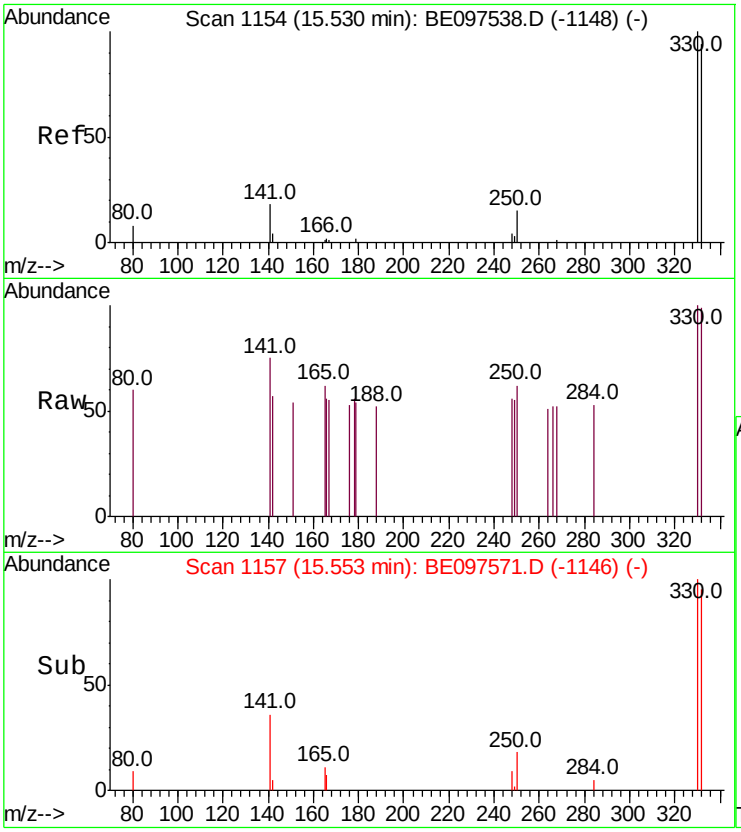


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Tgt Ion:164 Resp: 1920

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.1	124.7
160	54.6	37.1	55.7



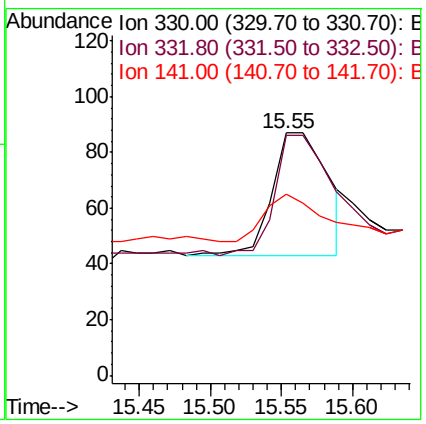


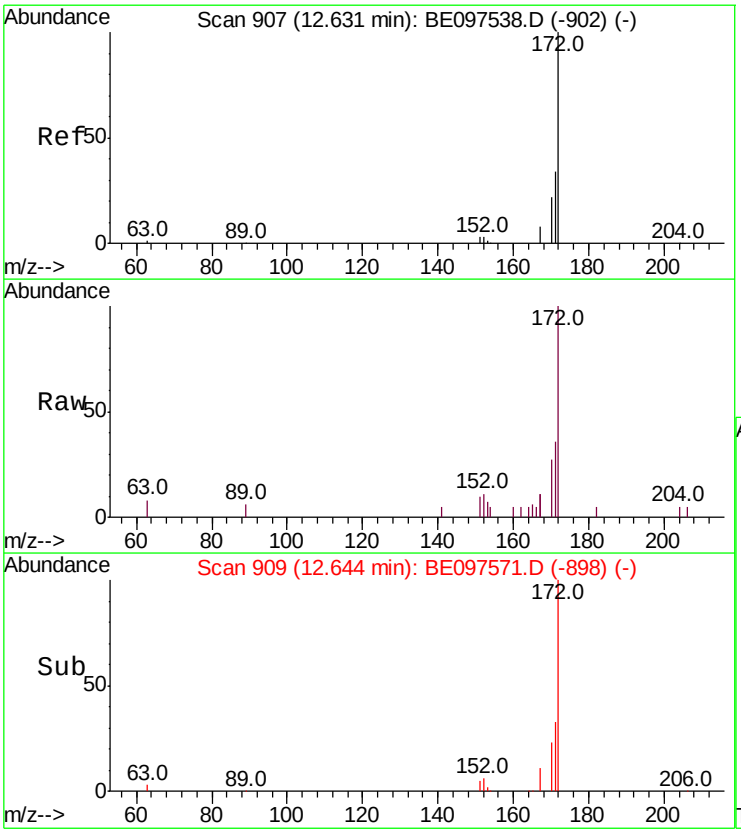
#14
2,4,6-Tribromophenol
Concen: 0.227 ng
RT: 15.55 min Scan# 1157
Delta R.T. 0.03 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Instrument :
BNA_E
ClientSampleId :
PB112778BL

Tgt Ion:330 Resp: 120

Ion	Ratio	Lower	Upper
330	100		
332	93.3	152.7	229.1#
141	37.5	33.7	50.5

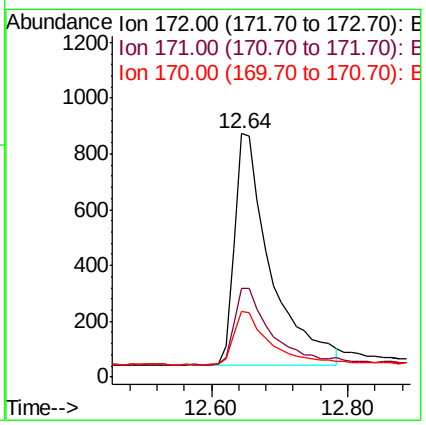


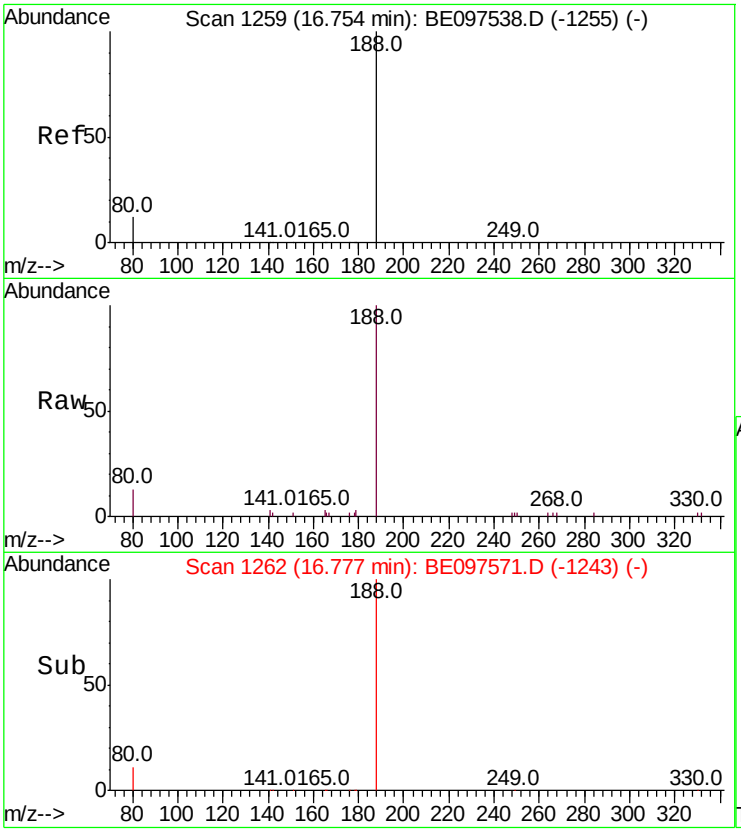


#15
2-Fluorobiphenyl
Concen: 0.447 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.02 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Tgt Ion:172 Resp: 3034

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	27.0	21.8	32.8



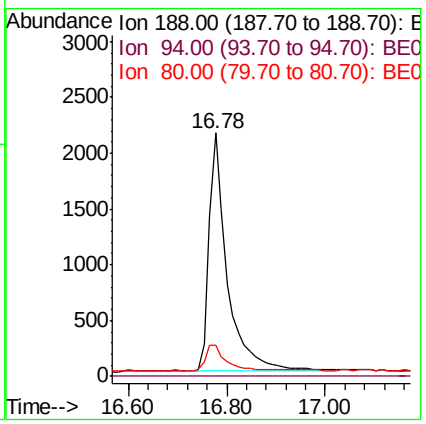


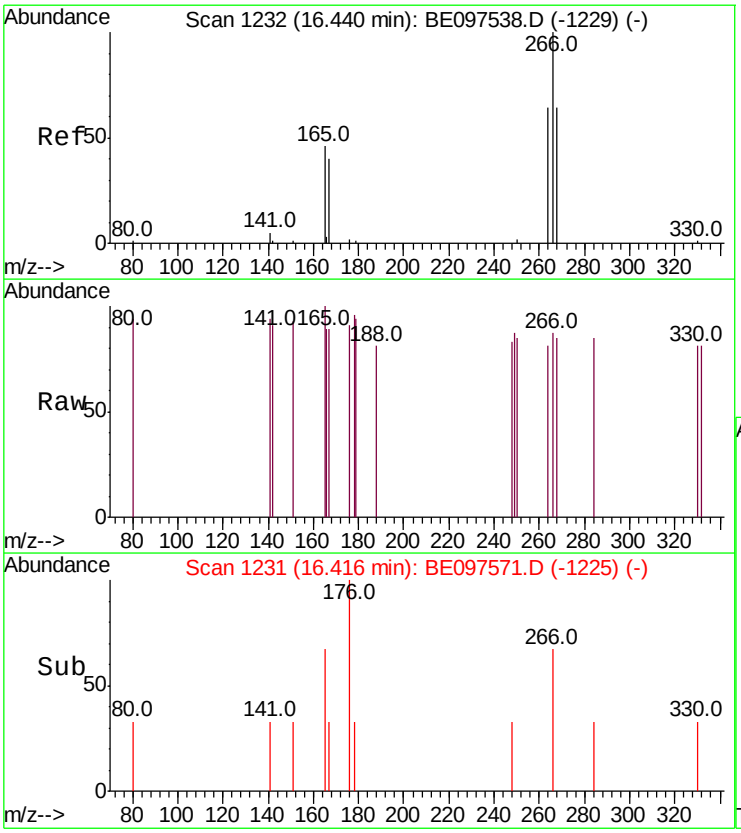
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.02 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Instrument :
BNA_E
ClientSampleId :
PB112778BL

Tgt Ion:188 Resp: 5528

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.0	3.6	5.4#

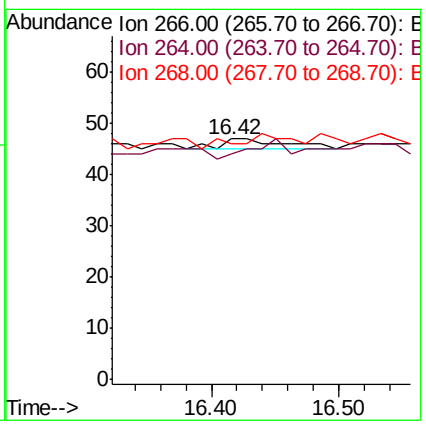


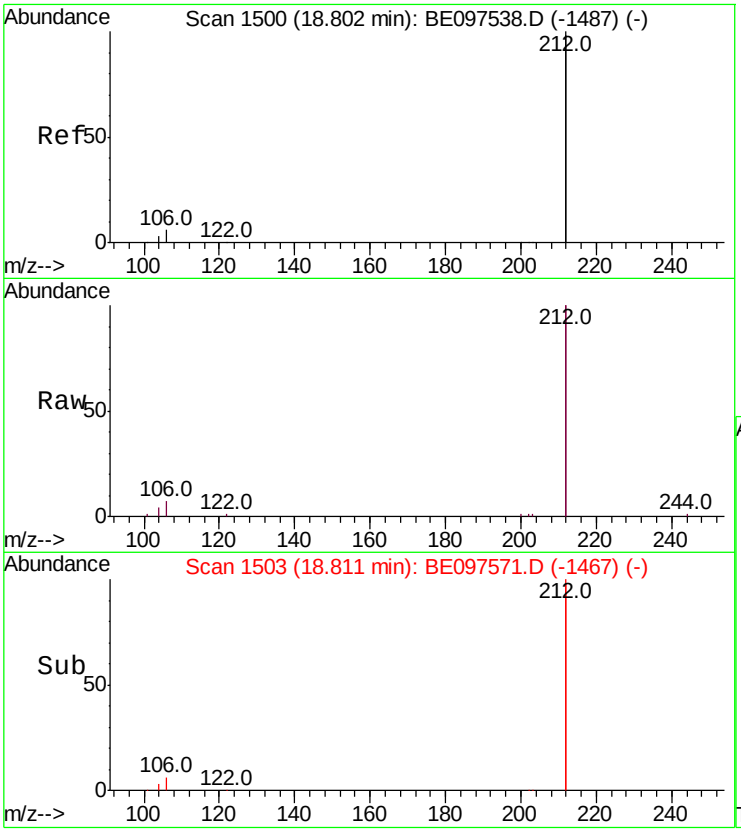


#22
Pentachlorophenol
Concen: 0.135 ng
RT: 16.42 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Tgt Ion:266 Resp: 7

Ion	Ratio	Lower	Upper
266	100		
264	93.6	72.5	108.7
268	97.9	73.8	110.6



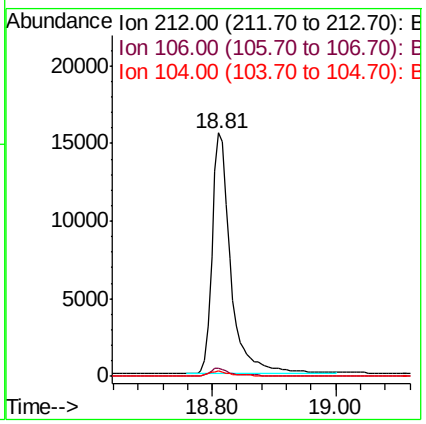


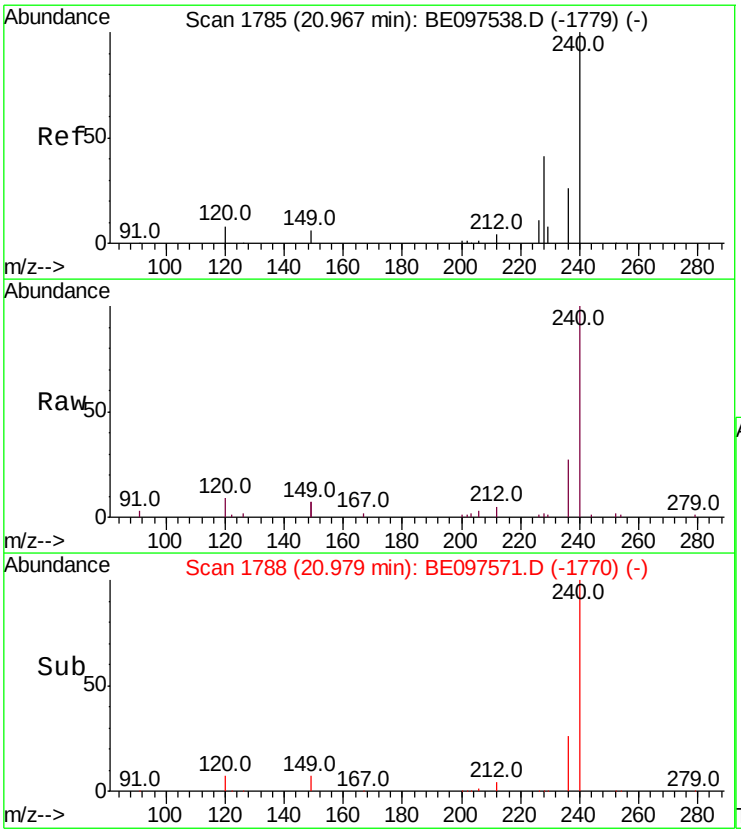
#25
Fluoranthene-d10
Concen: 0.454 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Instrument :
BNA_E
ClientSampleId :
PB112778BL

Tgt Ion:212 Resp: 32106

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

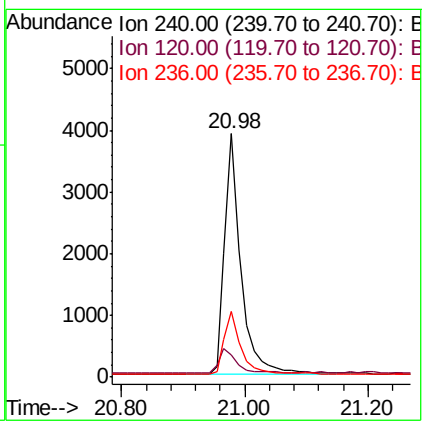


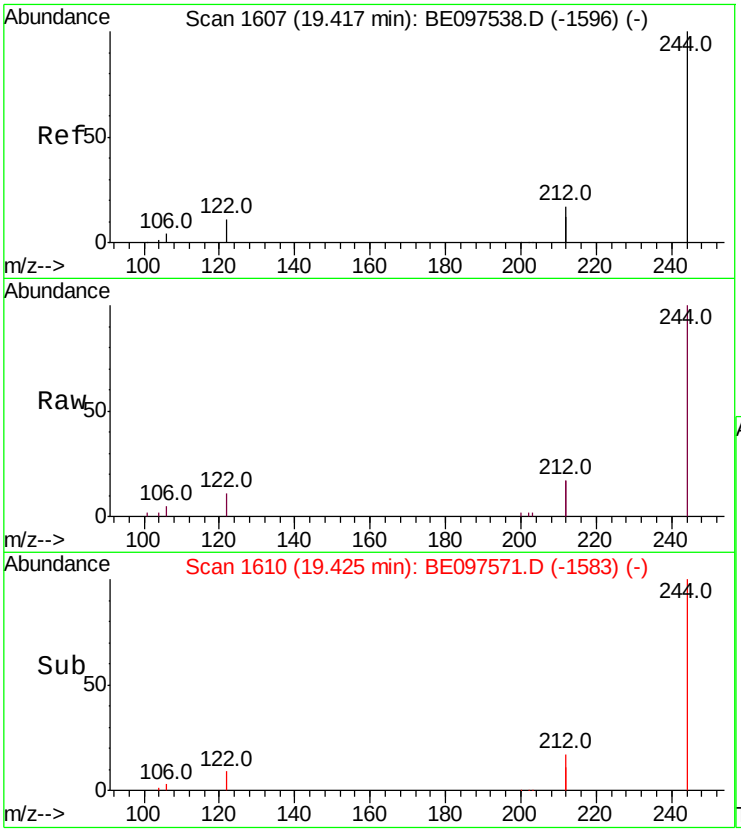


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Tgt Ion:240 Resp: 7179

Ion	Ratio	Lower	Upper
240	100		
120	9.0	5.5	8.3#
236	26.9	20.7	31.1



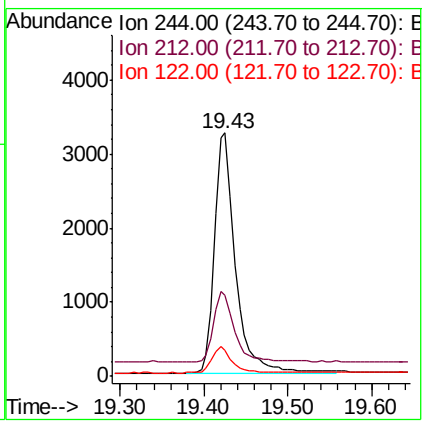


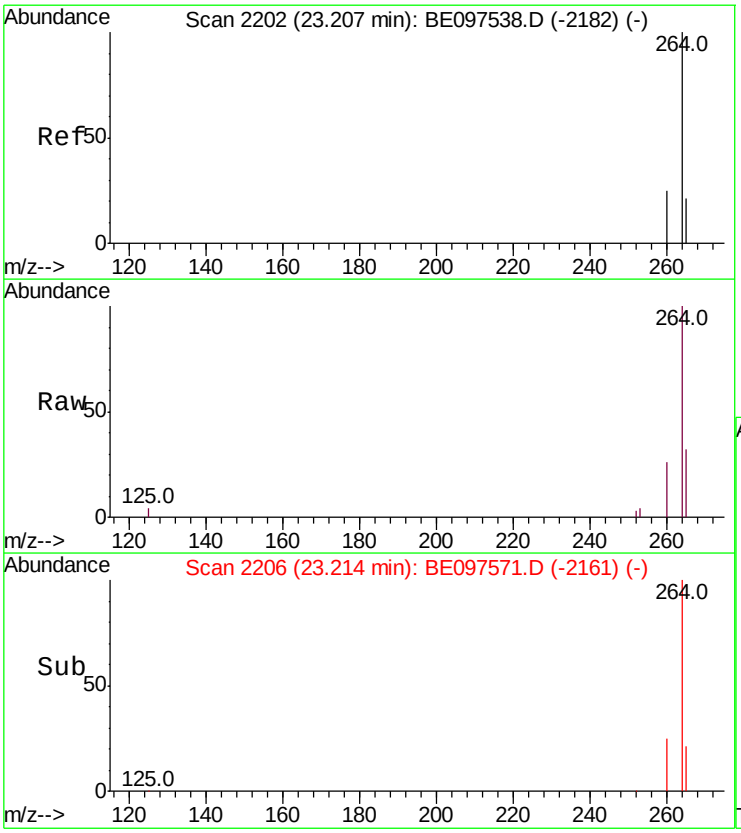
#29
Terphenyl-d14
Concen: 0.430 ng
RT: 19.43 min Scan# 1610
Delta R.T. 0.01 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Instrument :
BNA_E
ClientSampleId :
PB112778BL

Tgt Ion:244 Resp: 5653

Ion	Ratio	Lower	Upper
244	100		
212	33.3	25.4	38.0
122	10.7	8.1	12.1

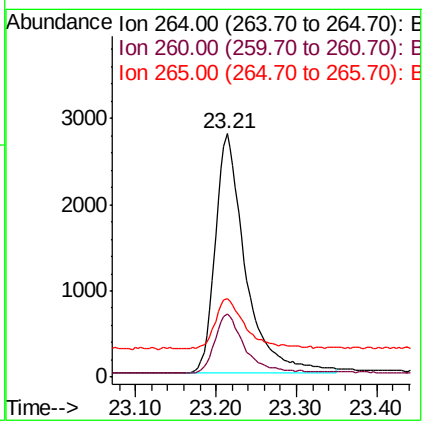


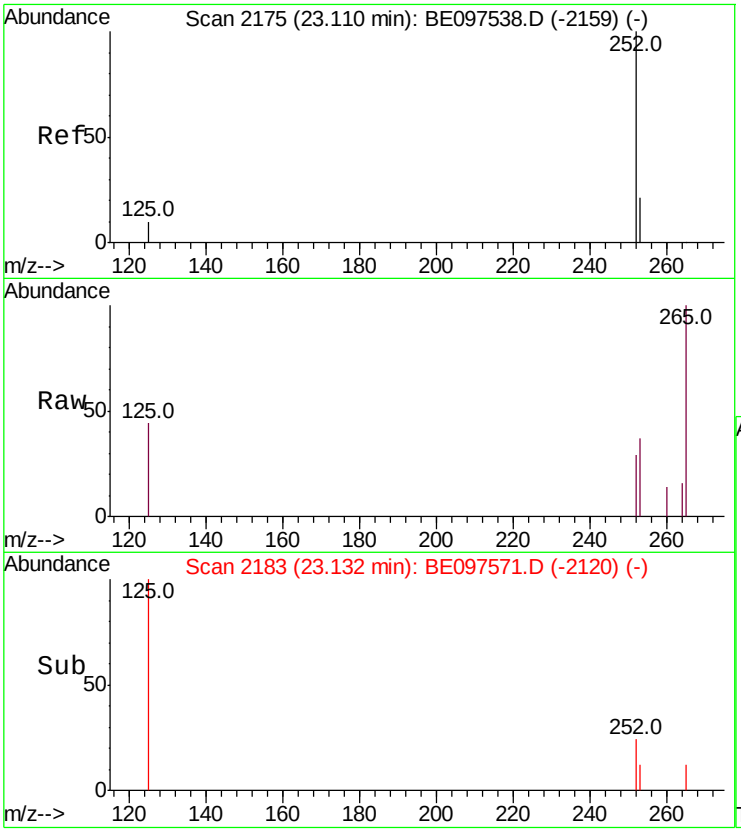


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Tgt Ion:264 Resp: 7196

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	32.2	22.8	34.2





#37
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.13 min Scan# 2183
Delta R.T. 0.02 min
Lab File: BE097571.D
Acq: 20 Sep 2018 11:10

Instrument :
BNA_E
ClientSampleId :
PB112778BL

Tgt Ion:252 Resp: 14

Ion	Ratio	Lower	Upper
252	100		
253	127.7	16.0	24.0#
125	152.1	12.0	18.0#