Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
Data File : BE098536.D
Acq On : 20 Dec 2018 13:16
Operator : SJ/JU
Sample : J6319-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 20 14:01:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	897	0.40	ng		-0.01
7) Naphthalene-d8	10.64	136	3828	0.40	ng		-0.03
13) Acenaphthene-d10	14.51	164	2532	0.40	ng		-0.02
19) Phenanthrene-d10	17.26	188	6876	0.40	ng		-0.02
27) Chrysene-d12	21.45	240	8154	0.40	ng		-0.01
34) Perylene-d12	23.98	264	7843	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	375	0.18	ng		0.00
5) Phenol-d6	7.02	99	350	0.12	ng		-0.02
8) Nitrobenzene-d5	9.02	82	1119	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	2364	0.38	ng		-0.02
14) 2,4,6-Tribromophenol	16.01	330	427	0.46	ng		-0.01
15) 2-Fluorobiphenyl	13.13	172	3797	0.36	ng		-0.02
25) Fluoranthene-d10	19.29	212	34783	0.39	ng		-0.02
29) Terphenyl-d14	19.89	244	7875	0.40	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.69	128	9092	0.236	ng	#	95
12) 2-Methylnaphthalene	12.32	142	1469	0.235	ng	#	87
17) Acenaphthene	14.57	154	448	0.063	ng		99
18) Fluorene	15.56	166	331	0.035	ng		87
22) Pentachlorophenol	16.93	266	10	0.032	ng	#	70
23) Phenanthrene	17.30	178	2366	0.142	ng		98
26) Fluoranthene	19.32	202	1315	0.059	ng		99
28) Pyrene	19.68	202	1259	0.049	ng	#	92
32) Bis(2-ethylhexyl)phthalate	21.35	149	5630	0.119	ng		100

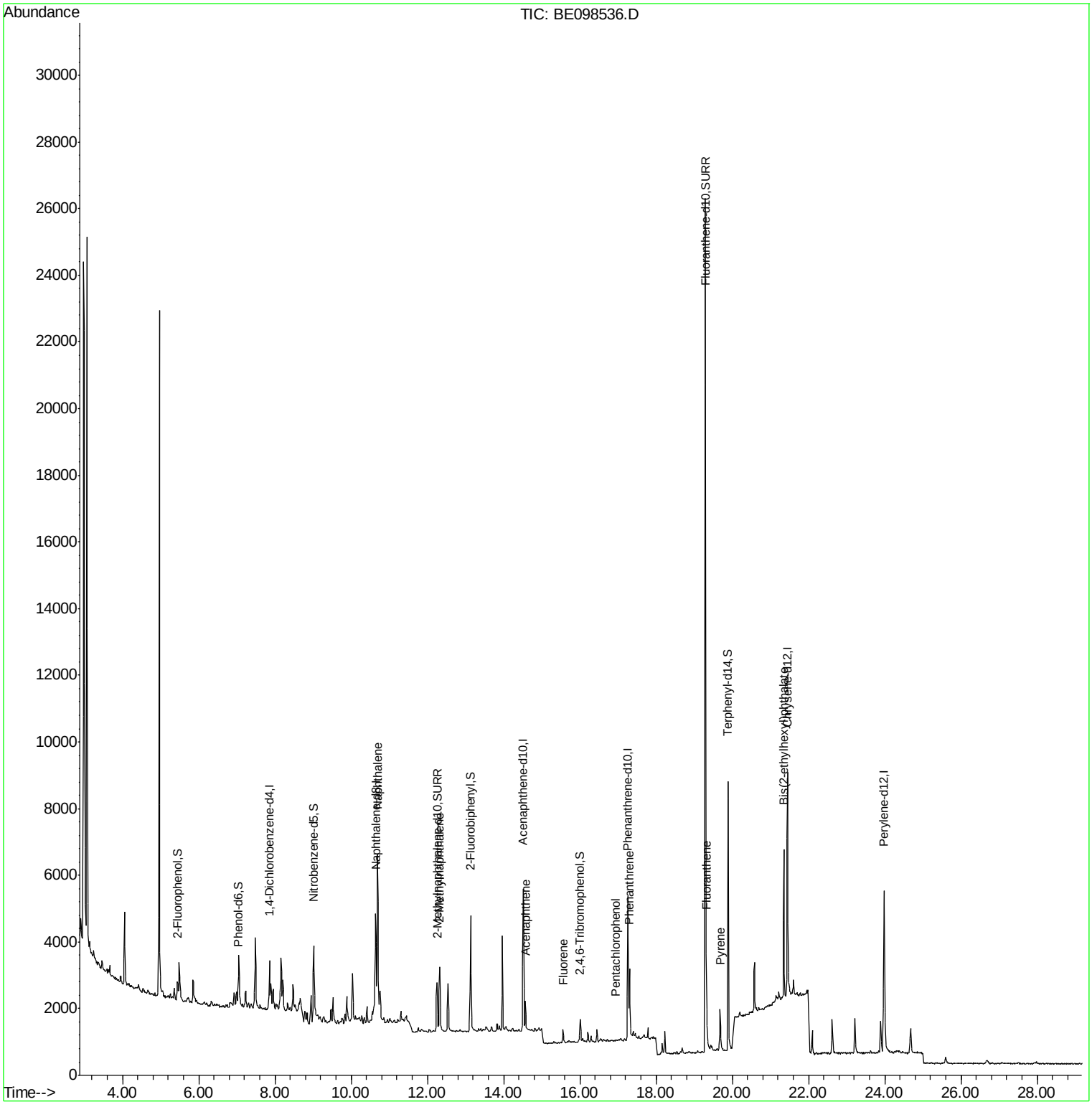
(#) = qualifier out of range (m) = manual integration (+) = signals summed

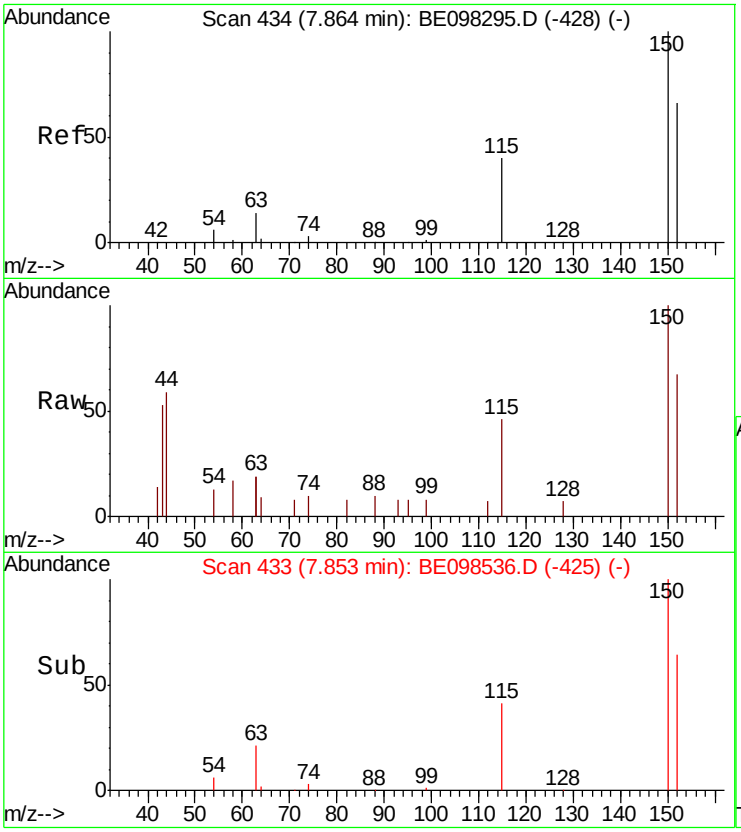
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
Data File : BE098536.D
Acq On : 20 Dec 2018 13:16
Operator : SJ/JU
Sample : J6319-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 20 14:01:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



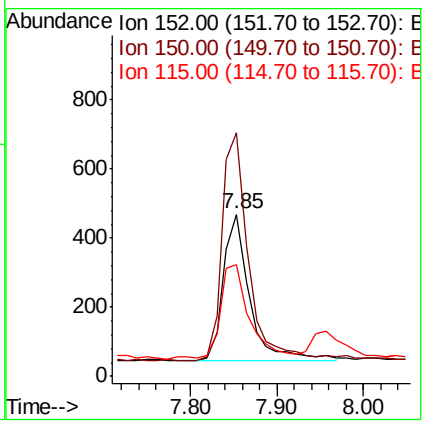


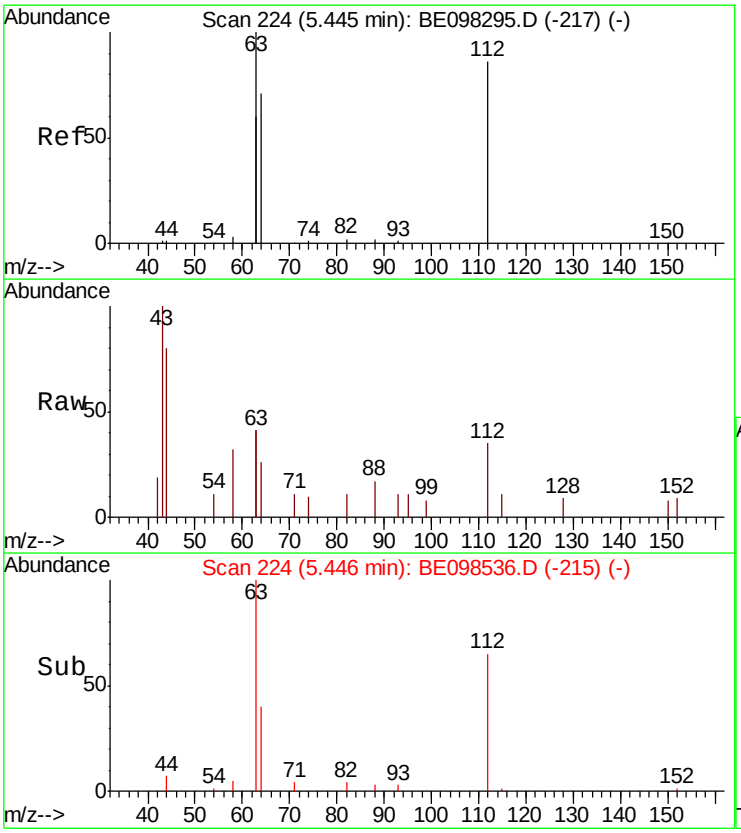
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 897

Ion	Ratio	Lower	Upper
152	100		
150	150.0	124.2	186.4
115	68.7	53.9	80.9

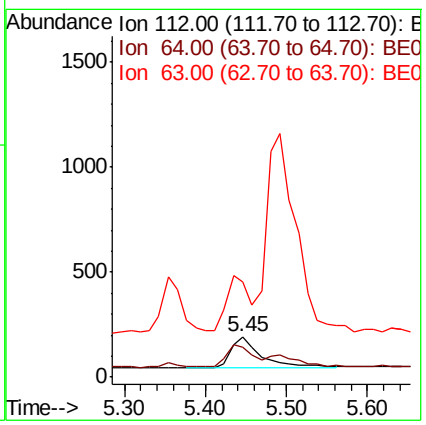


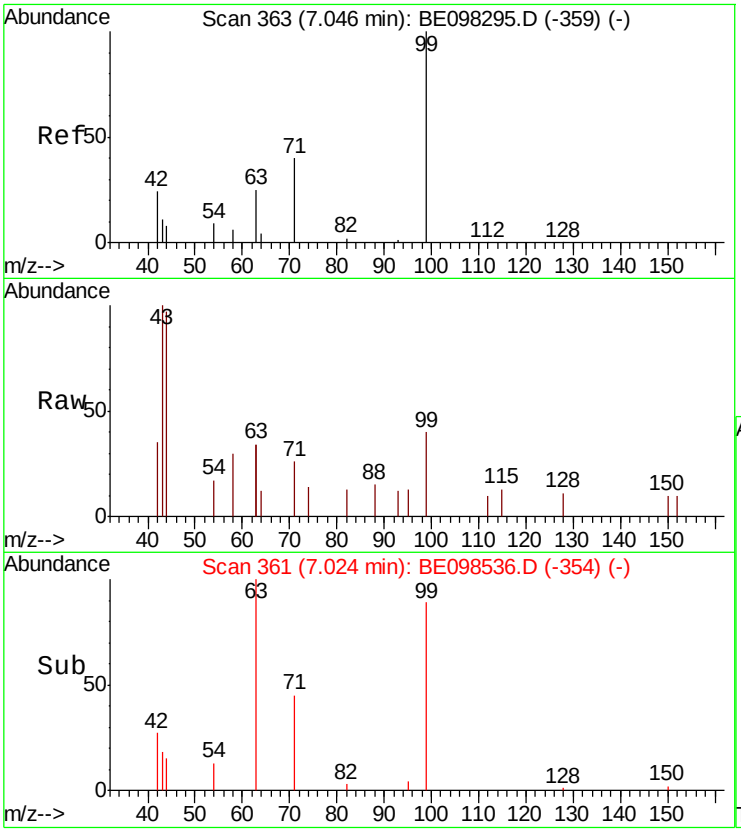


#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Tgt Ion:112 Resp: 375

Ion	Ratio	Lower	Upper
112	100		
64	61.1	59.8	89.8
63	132.8	133.7	200.5#



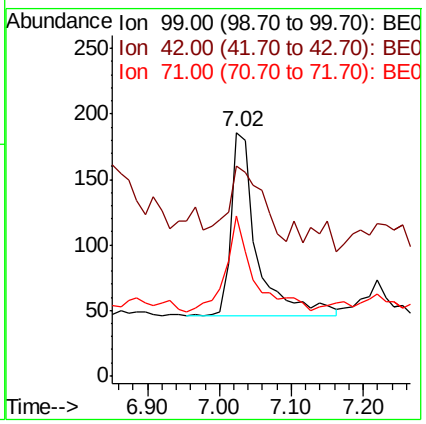


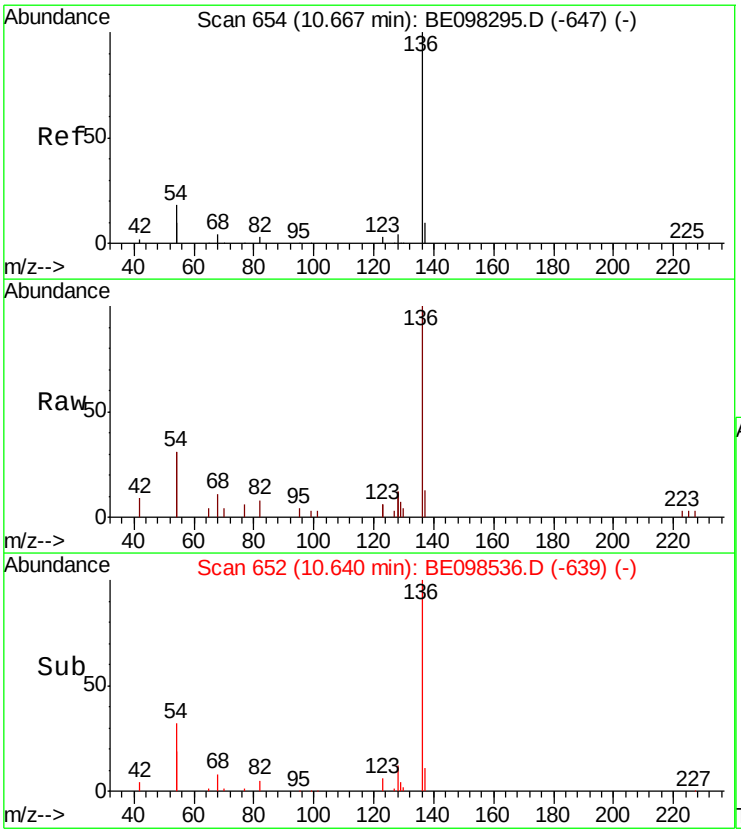
#5
Phenol-d6
Concen: 0.118 ng
RT: 7.02 min Scan# 361
Delta R.T. -0.02 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 350

Ion	Ratio	Lower	Upper
99	100		
42	50.3	26.3	39.5#
71	56.6	33.6	50.4#

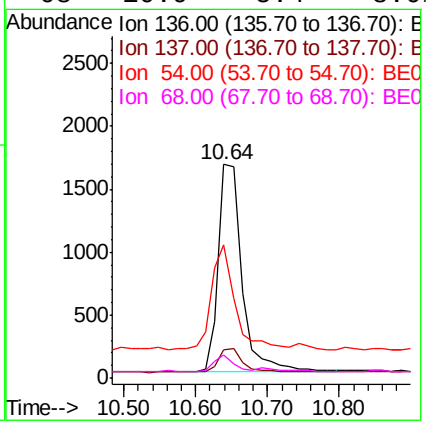


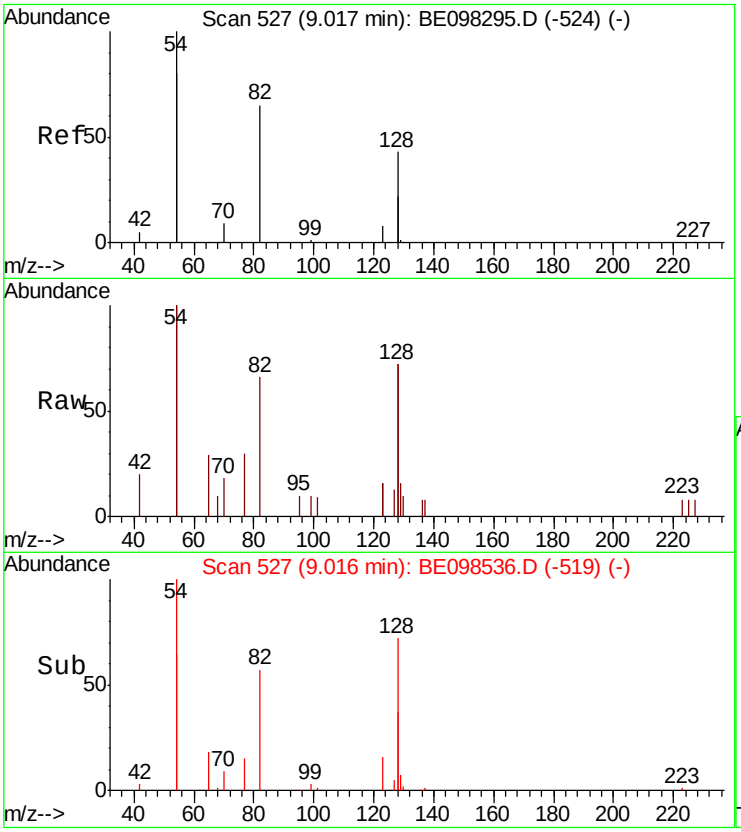


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.03 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Tgt Ion:136 Resp: 3828

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.2	13.8
54	62.6	28.4	42.6#
68	10.9	5.4	8.0#



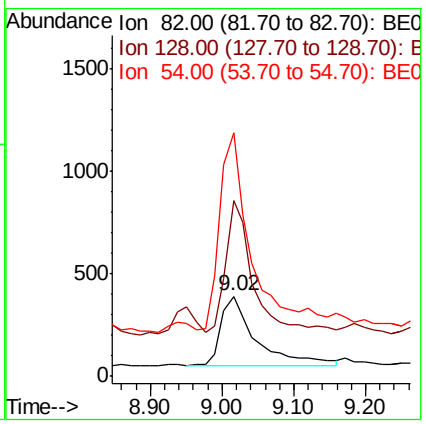


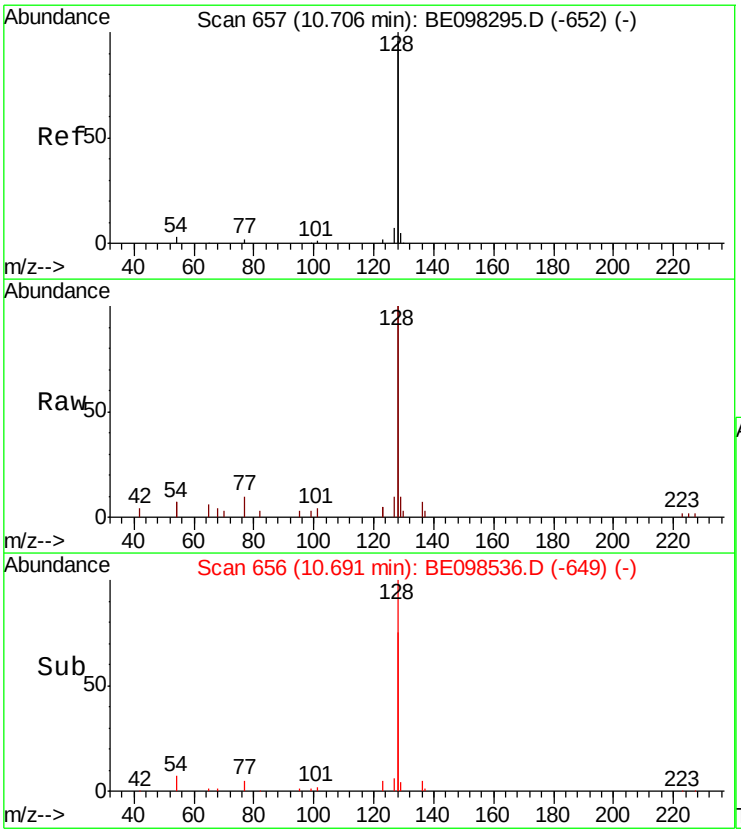
#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1119

Ion	Ratio	Lower	Upper
82	100		
128	218.9	102.4	153.6#
54	303.1	221.8	332.8

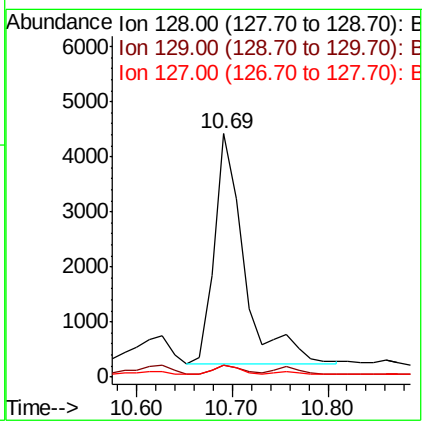


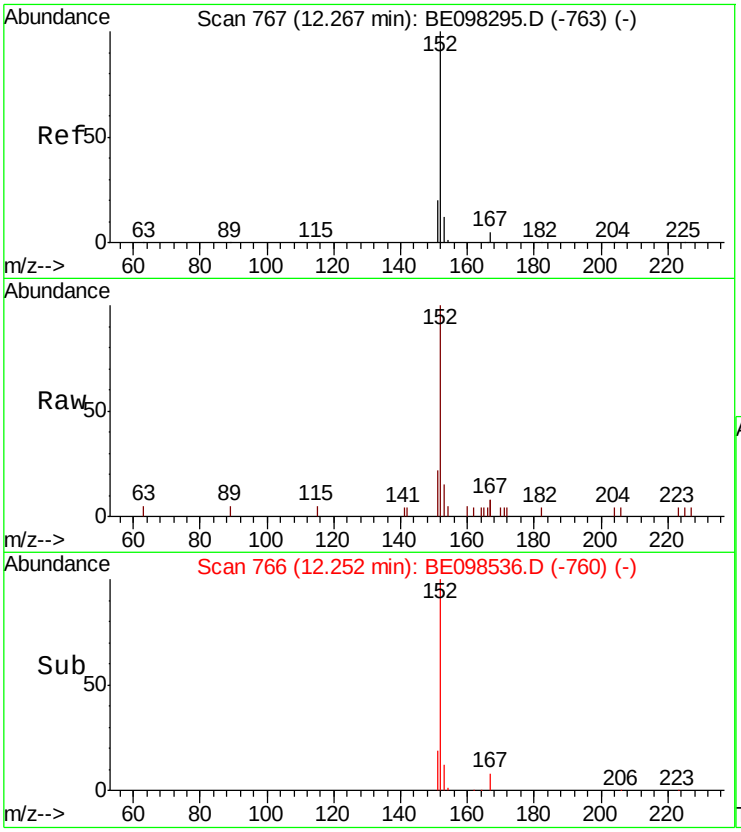


#9
Naphthalene
Concen: 0.236 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.01 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Tgt Ion:128 Resp: 9092

Ion	Ratio	Lower	Upper
128	100		
129	5.1	2.5	3.7#
127	4.9	2.7	4.1#



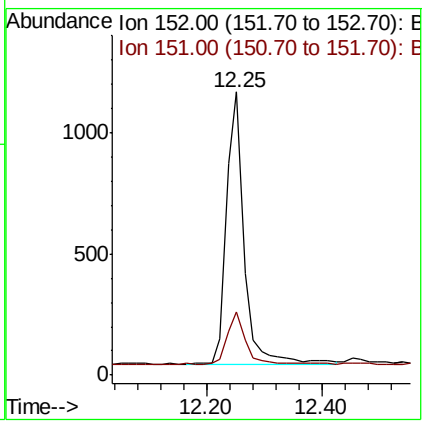


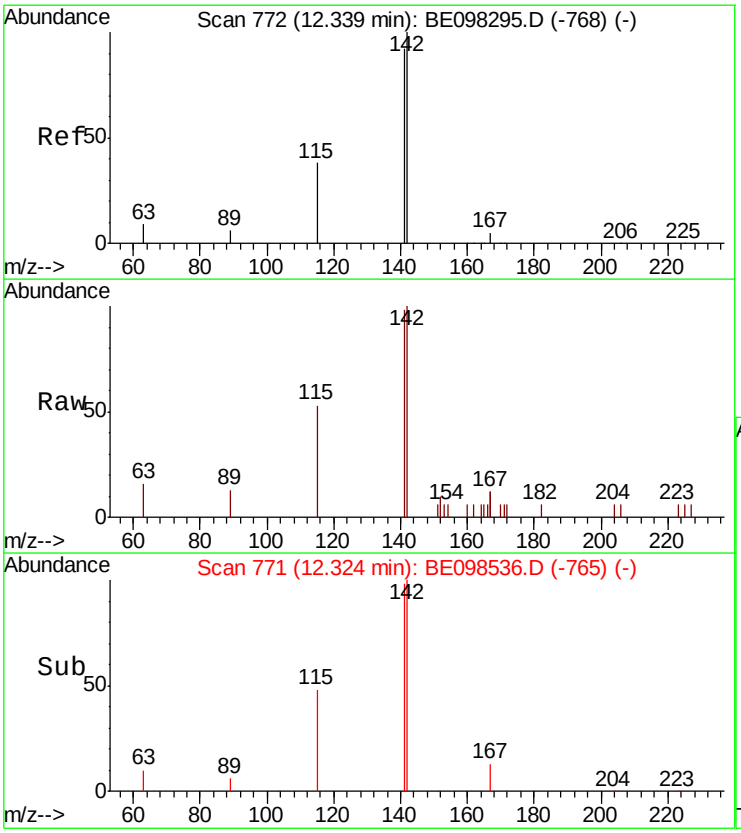
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.02 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2364

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4

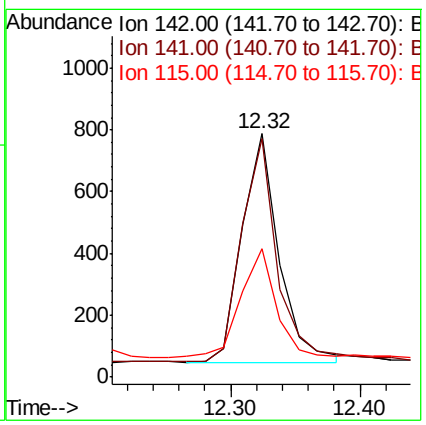


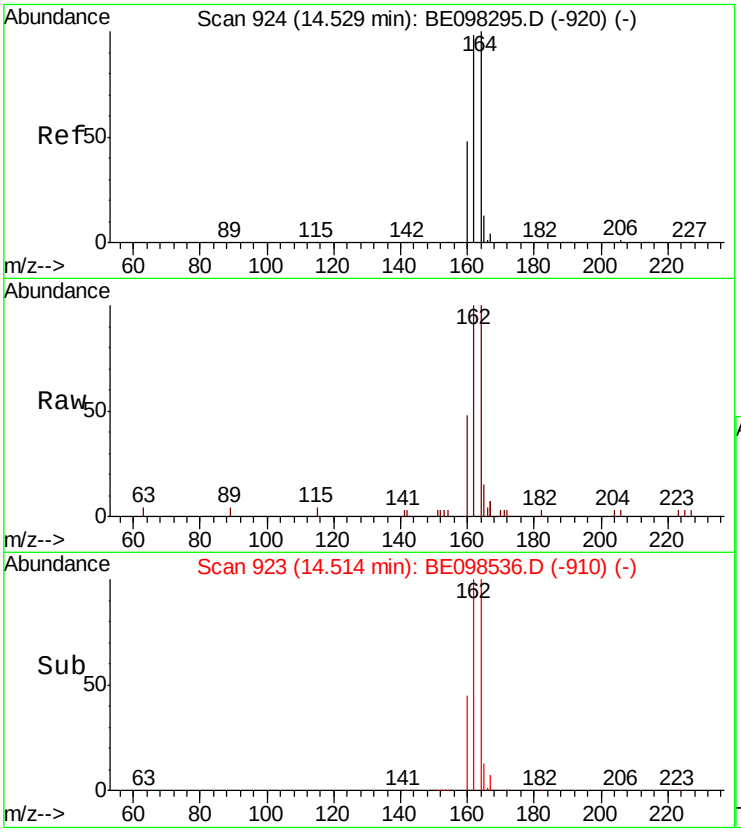


#12
2-Methylnaphthalene
Concen: 0.235 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.02 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Tgt Ion:142 Resp: 1469

Ion	Ratio	Lower	Upper
142	100		
141	98.0	71.0	106.6
115	52.5	32.2	48.2#



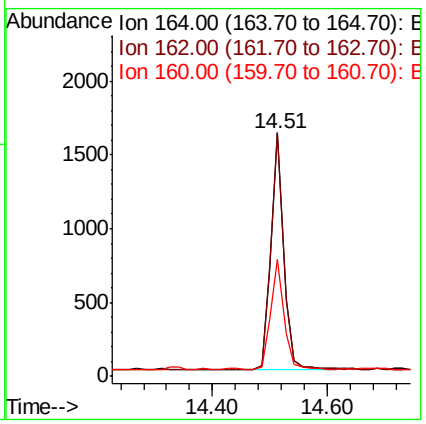


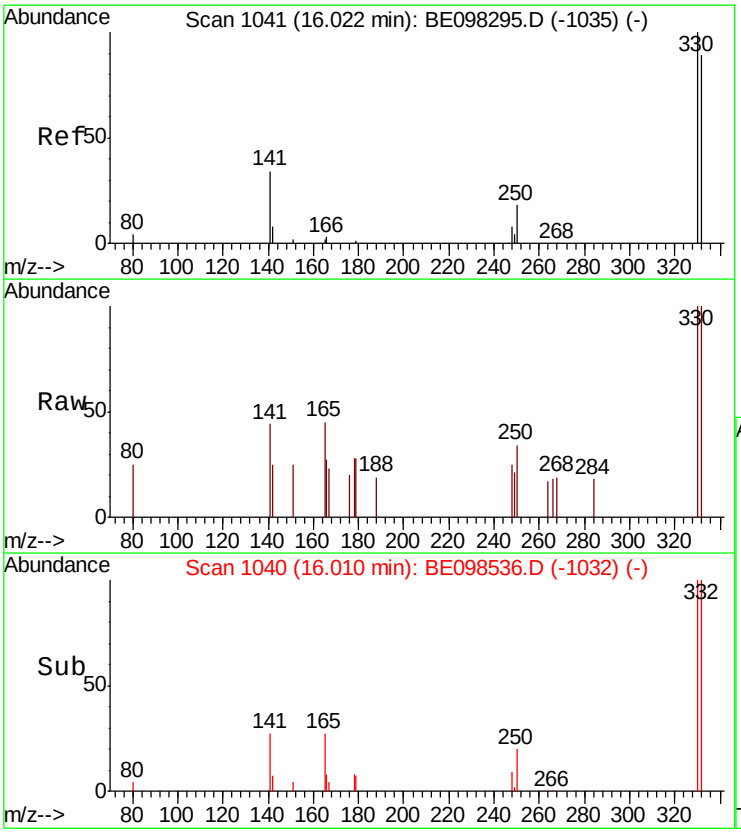
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.02 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2532

Ion	Ratio	Lower	Upper
164	100		
162	100.0	77.6	116.4
160	48.0	36.0	54.0

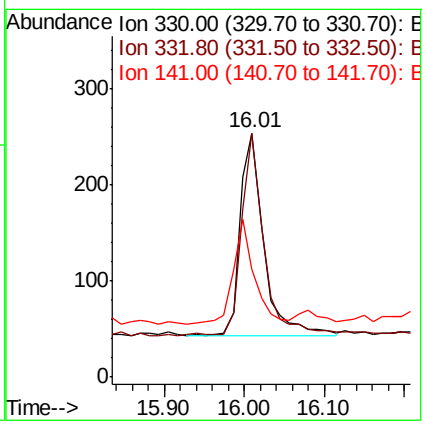


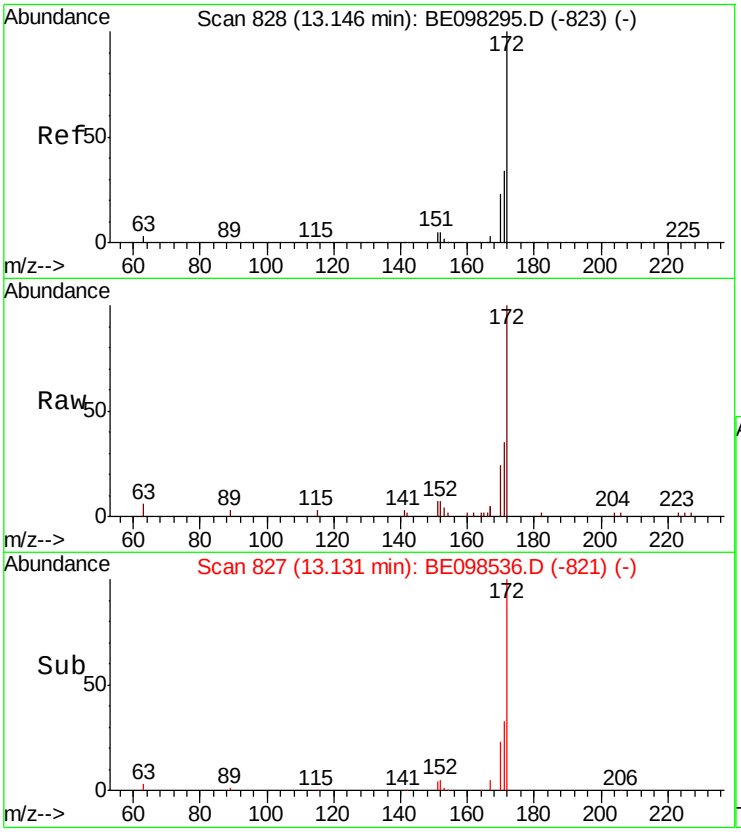


#14
2,4,6-Tribromophenol
Concen: 0.459 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Tgt Ion:330 Resp: 427

Ion	Ratio	Lower	Upper
330	100		
332	93.4	76.2	114.4
141	46.6	39.0	58.4



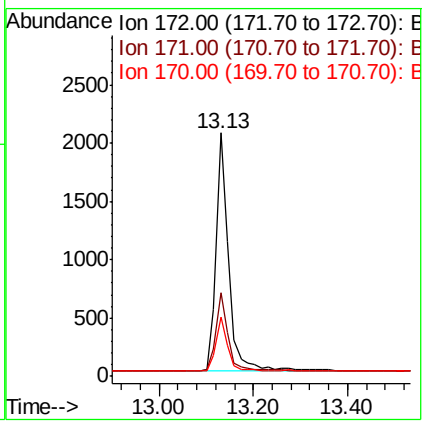


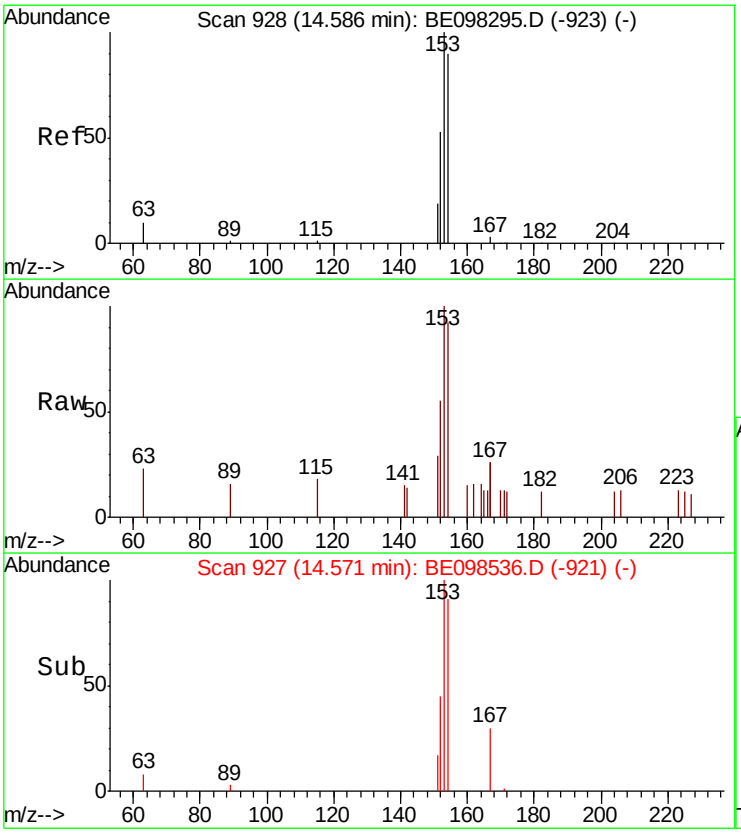
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.02 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3797

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.5	41.3
170	24.2	19.6	29.4

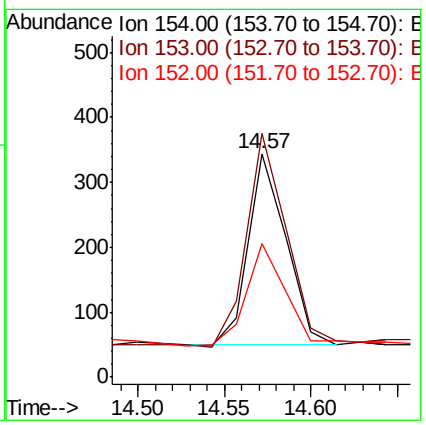


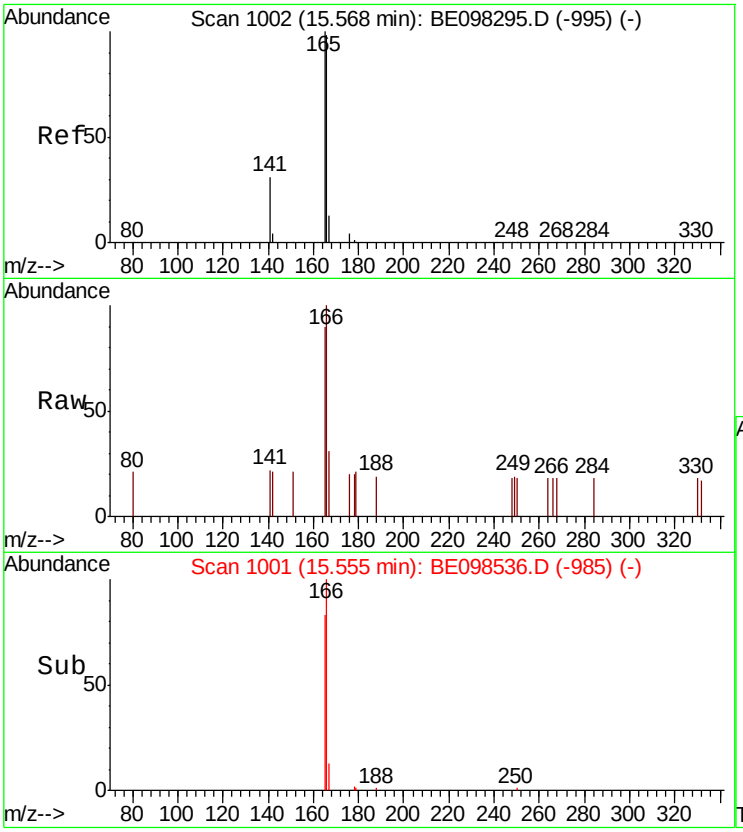


#17
Acenaphthene
Concen: 0.063 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.02 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Tgt Ion:154 Resp: 448

Ion	Ratio	Lower	Upper
154	100		
153	115.6	91.8	137.6
152	54.9	45.5	68.3



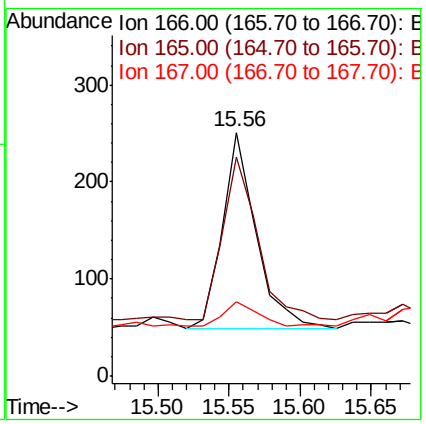


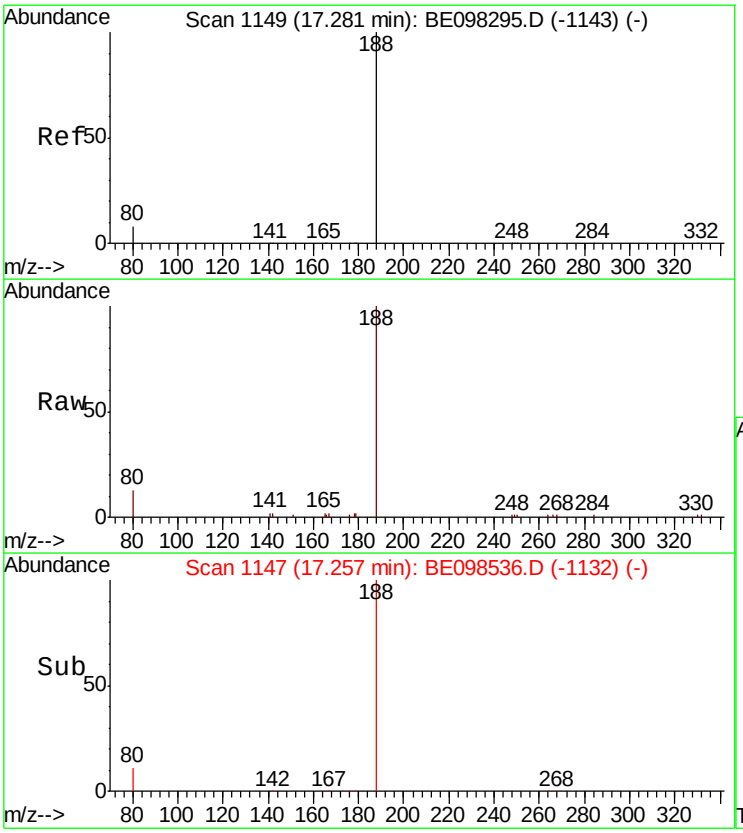
#18
Fluorene
Concen: 0.035 ng
RT: 15.56 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 331

Ion	Ratio	Lower	Upper
166	100		
165	85.2	79.3	118.9
167	11.8	11.3	16.9

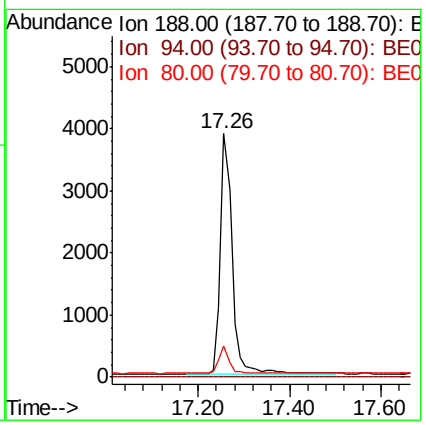


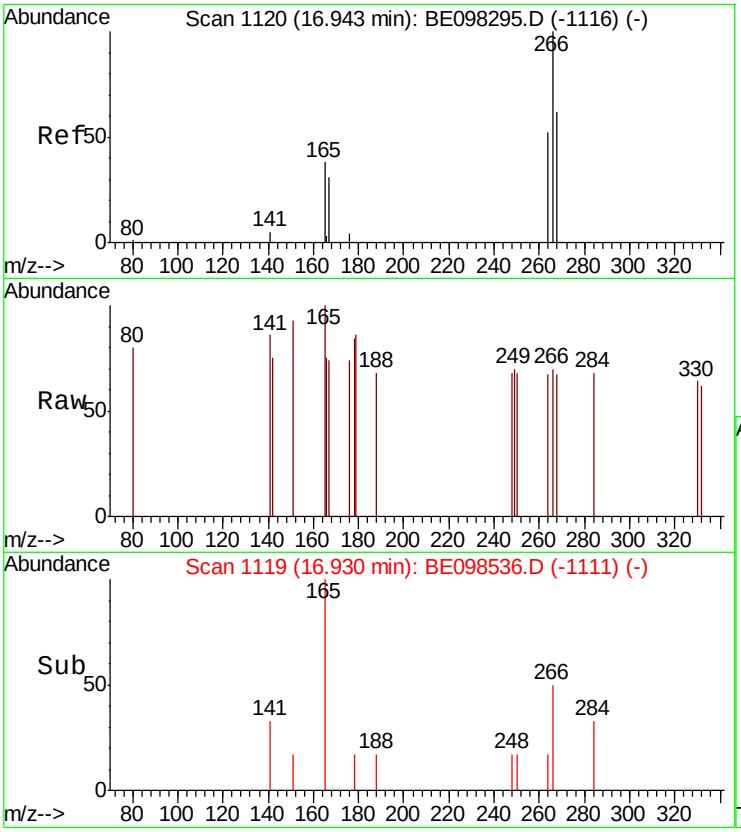


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.26 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Tgt Ion:188 Resp: 6876

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	7.2	10.8#



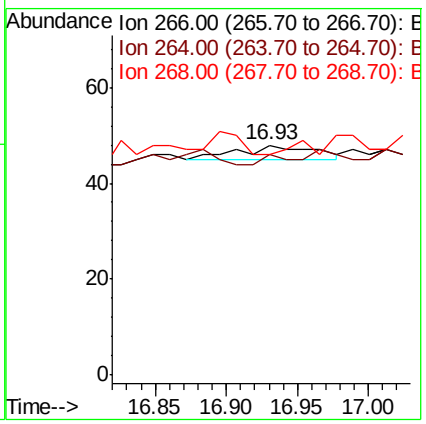


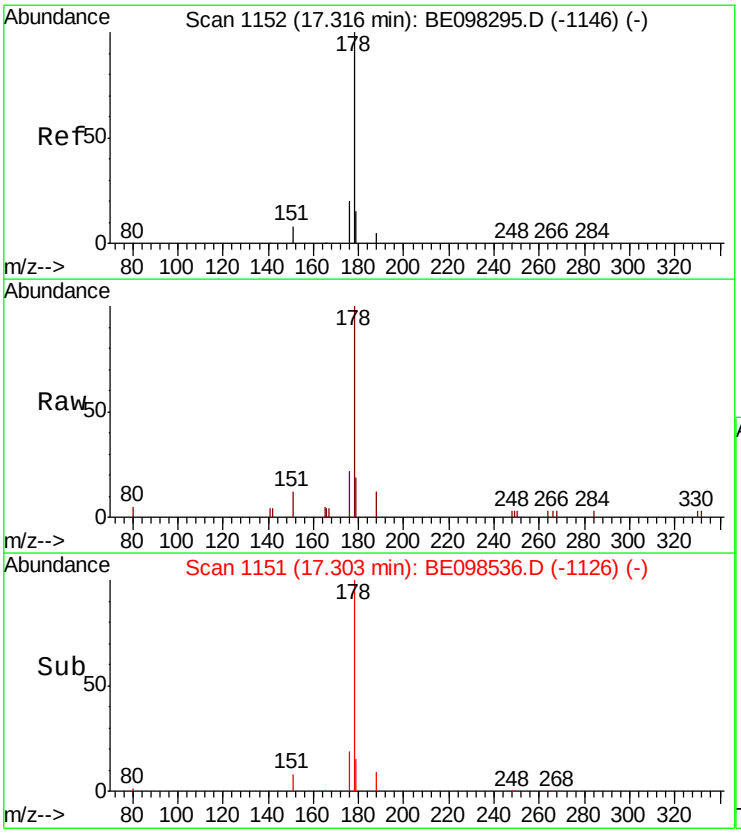
#22
Pentachlorophenol
Concen: 0.032 ng
RT: 16.93 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
264	95.8	59.0	88.4#
268	95.8	55.1	82.7#

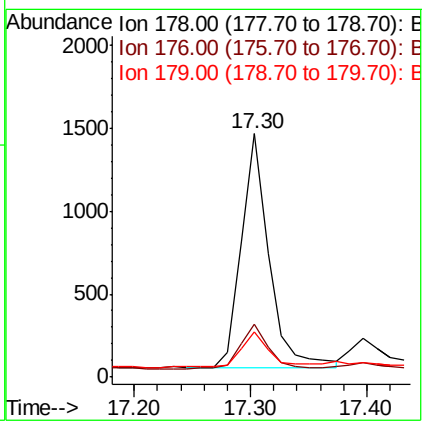


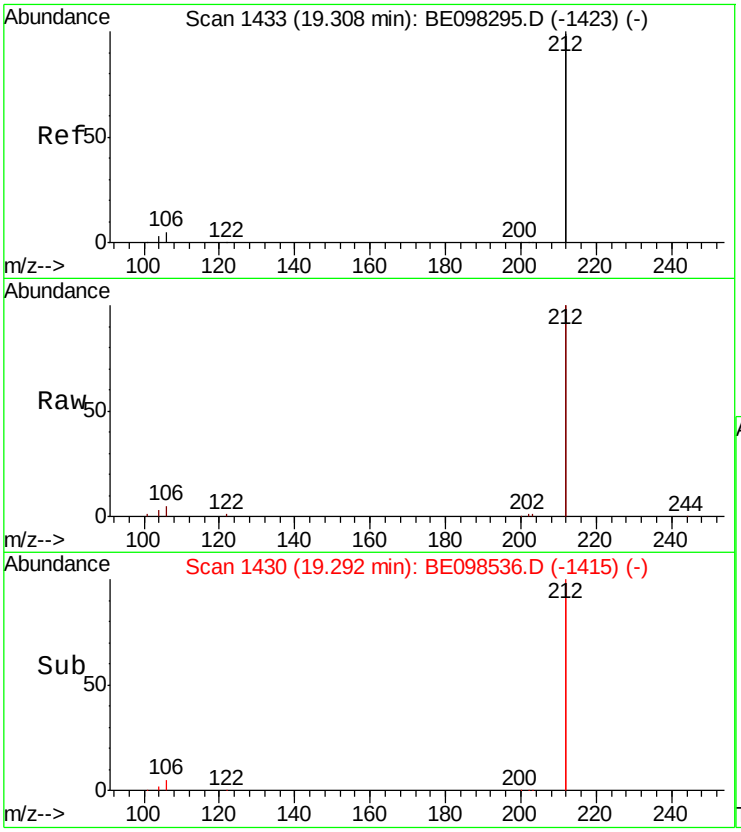


#23
Phenanthrene
Concen: 0.142 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Tgt Ion:178 Resp: 2366

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.9	12.3	18.5



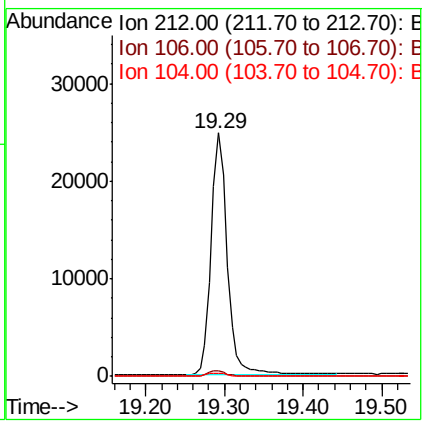


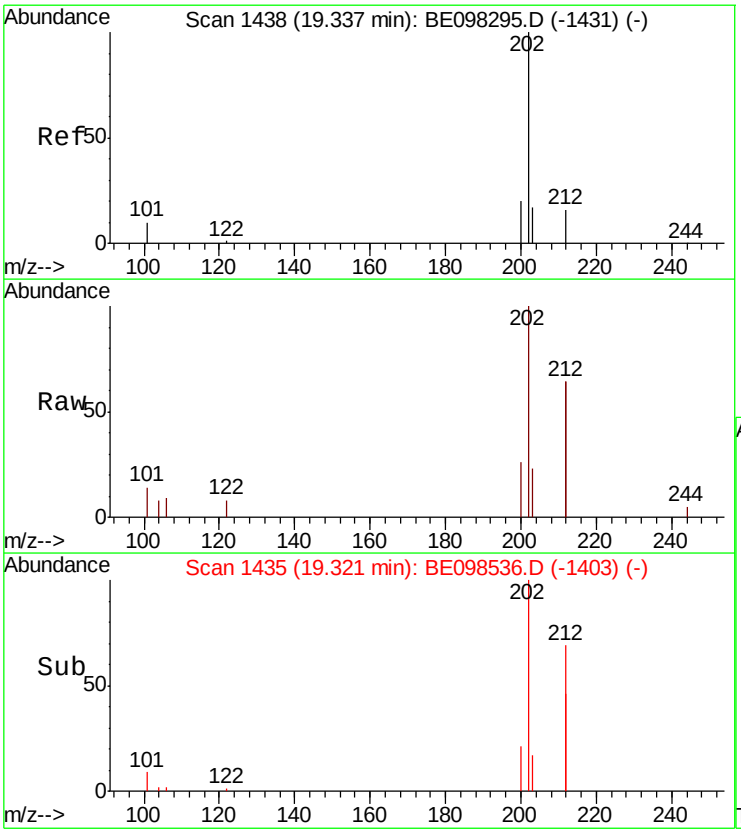
#25
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.29 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 34783

Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.2	3.2
104	1.3	1.3	1.9

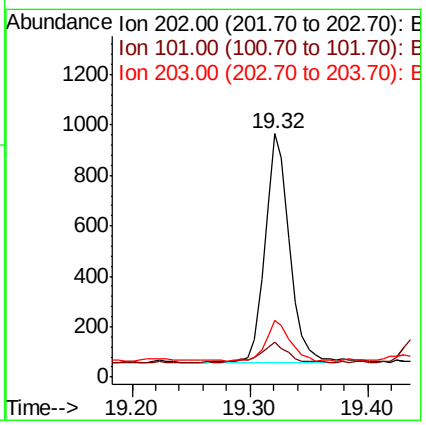


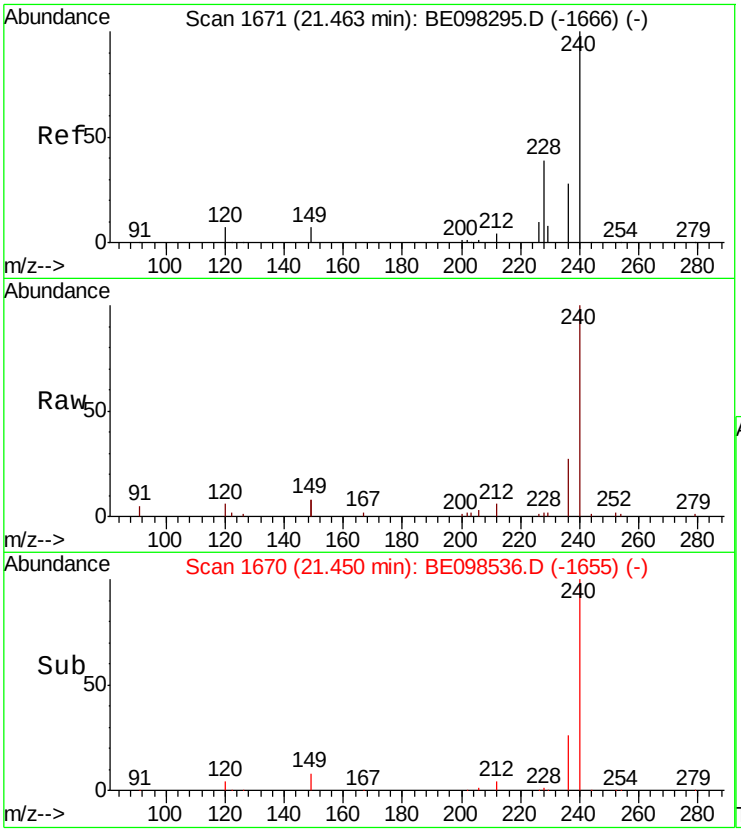


#26
Fluoranthene
Concen: 0.059 ng
RT: 19.32 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Tgt Ion:202 Resp: 1315

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.0	12.0
203	16.7	13.8	20.6



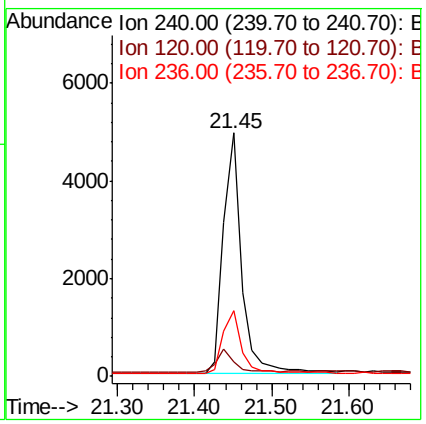


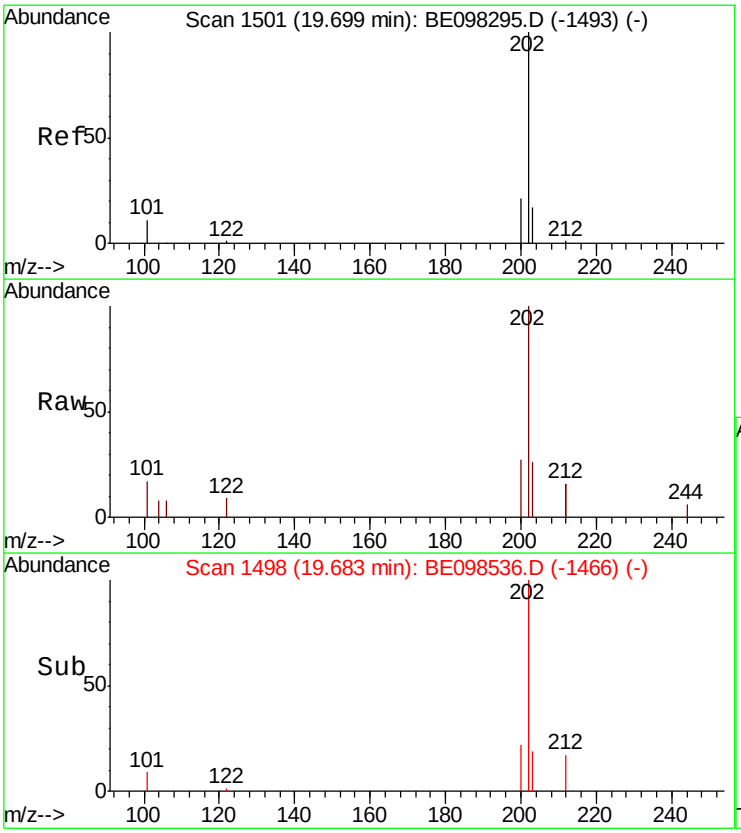
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8154

Ion	Ratio	Lower	Upper
240	100		
120	6.0	9.5	14.3#
236	27.2	22.7	34.1

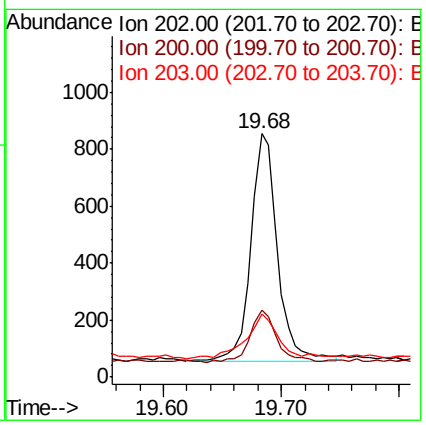


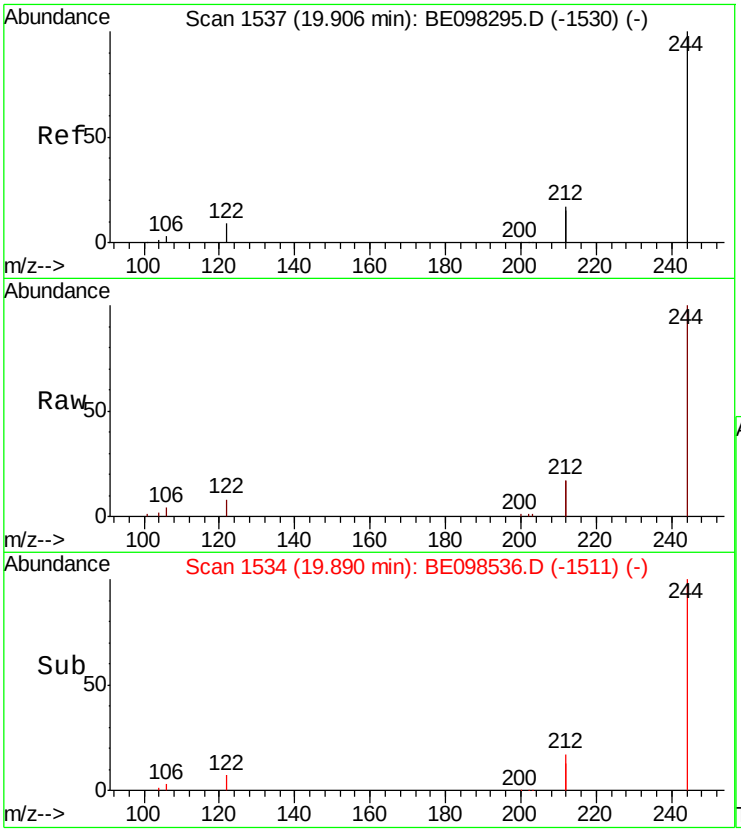


#28
Pyrene
Concen: 0.049 ng
RT: 19.68 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Tgt Ion:202 Resp: 1259

Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.7	25.1
203	22.2	14.1	21.1#



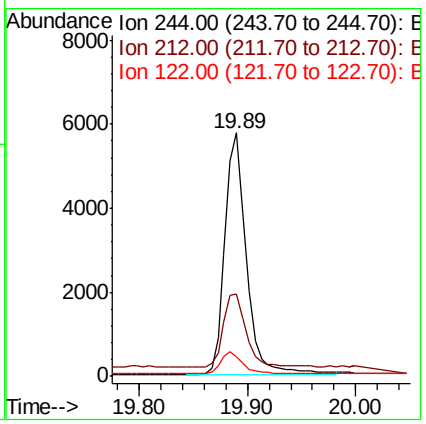


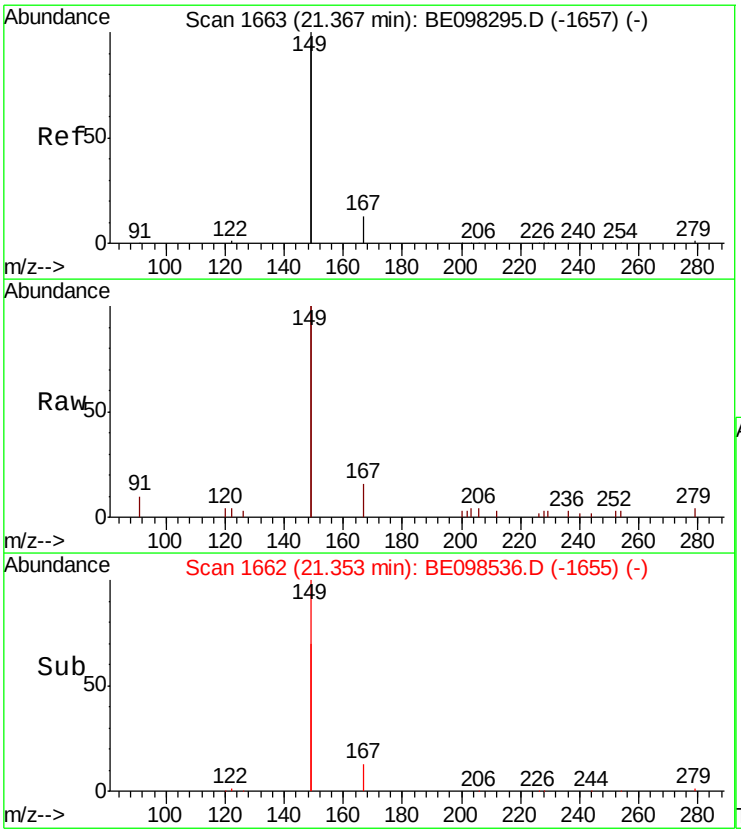
#29
Terphenyl-d14
Concen: 0.397 ng
RT: 19.89 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 7875

Ion	Ratio	Lower	Upper
244	100		
212	33.7	27.4	41.0
122	8.3	8.3	12.5#

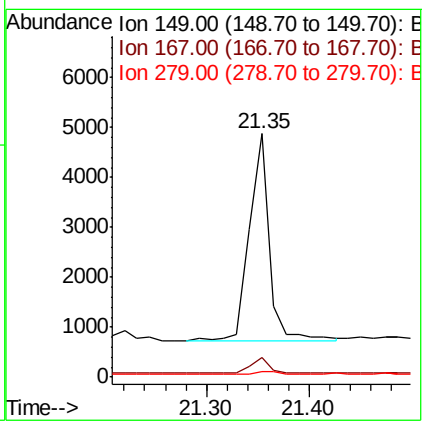


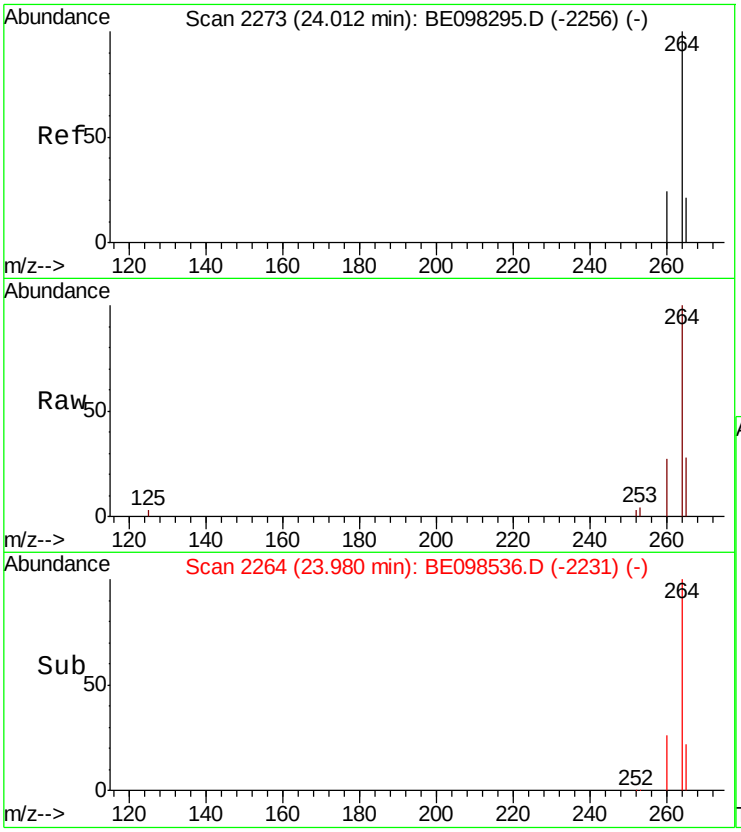


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.119 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Tgt Ion:149 Resp: 5630

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.7	8.5
279	1.2	1.0	1.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2264
Delta R.T. -0.03 min
Lab File: BE098536.D
Acq: 20 Dec 2018 13:16

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 7843

Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.2	30.2
265	28.2	25.2	37.8