Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
Data File : BE098472.D
Acq On : 15 Dec 2018 14:59
Operator : SJ/JU
Sample : PB115689BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB115689BL

Quant Time: Dec 16 02:48:53 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	7.86	152	647	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	2589	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	1672	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	4593	0.40	ng	0.00
27) Chrysene-d12	21.46	240	5562	0.40	ng	0.00
34) Perylene-d12	24.01	264	5123	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	850	0.56	ng	0.01
5) Phenol-d6	7.06	99	971	0.45	ng	0.01
8) Nitrobenzene-d5	9.05	82	703	0.30	ng	0.04
11) 2-Methylnaphthalene-d10	12.28	152	1455	0.35	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	283	0.46	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2211	0.31	ng	0.01
25) Fluoranthene-d10	19.30	212	24452	0.41	ng	0.00
29) Terphenyl-d14	19.90	244	3813	0.28	ng	0.00

Target Compounds	Qvalue

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

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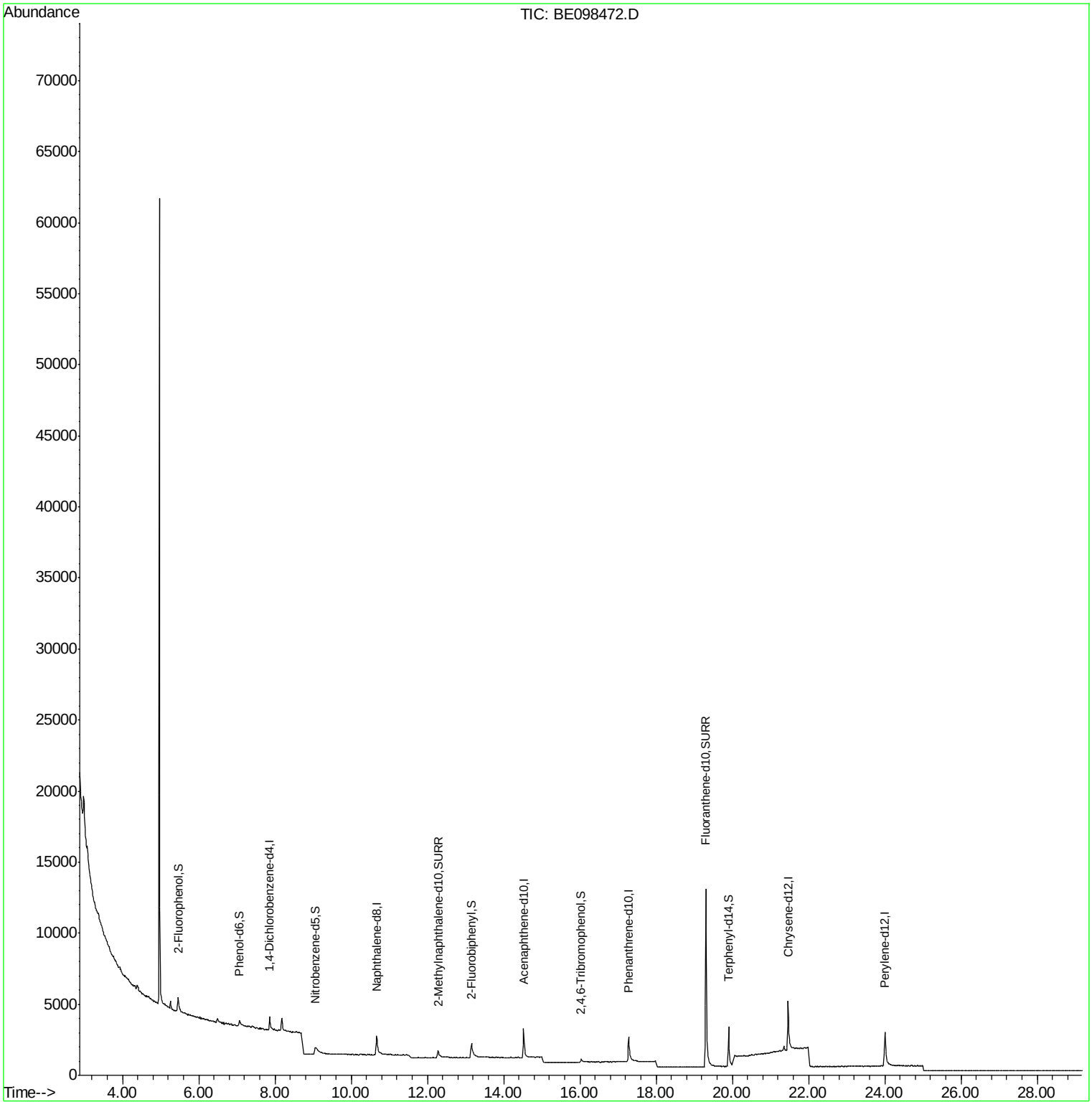
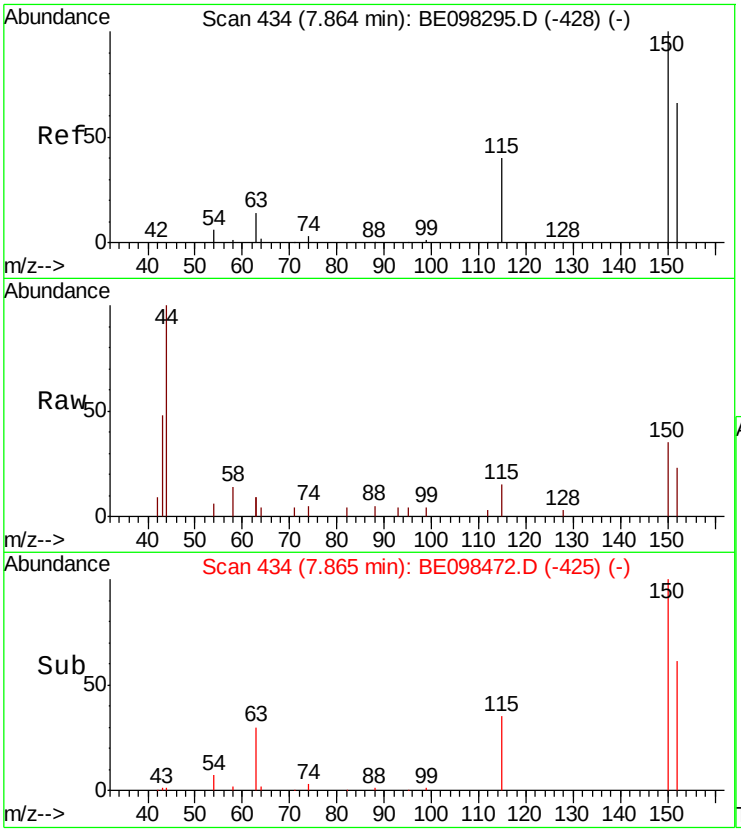


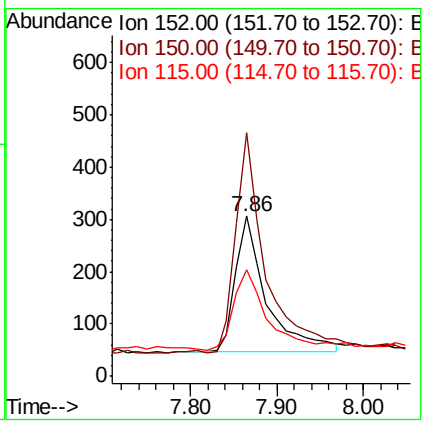


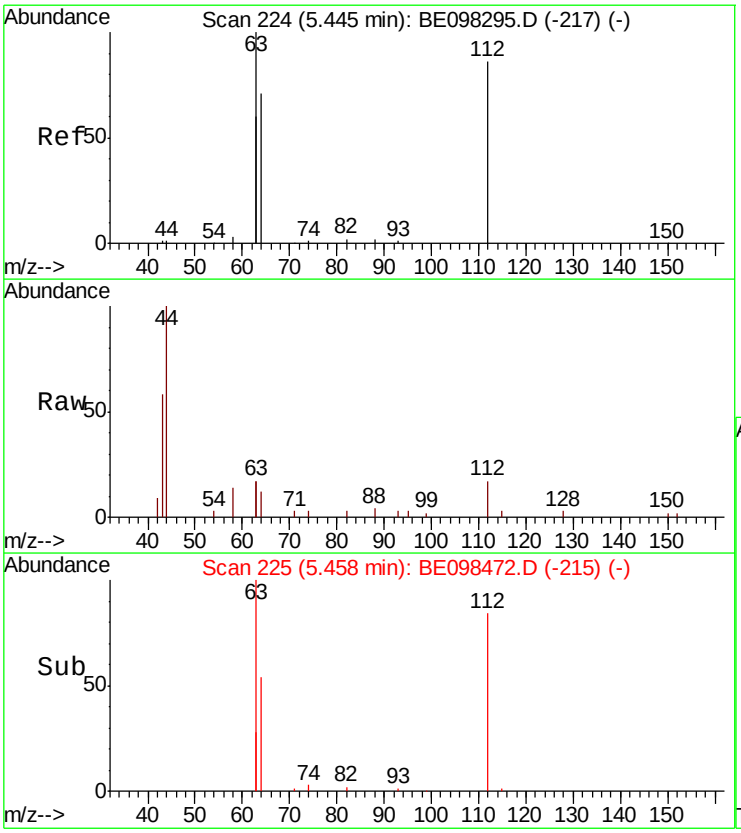
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Instrument :
BNA_E
ClientSampleId :
PB115689BL

Tgt Ion:152 Resp: 647

Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.2	186.4
115	66.7	53.9	80.9

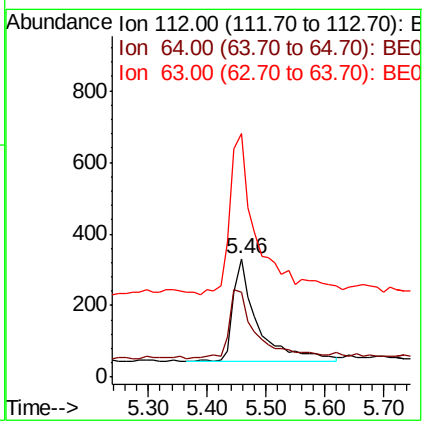


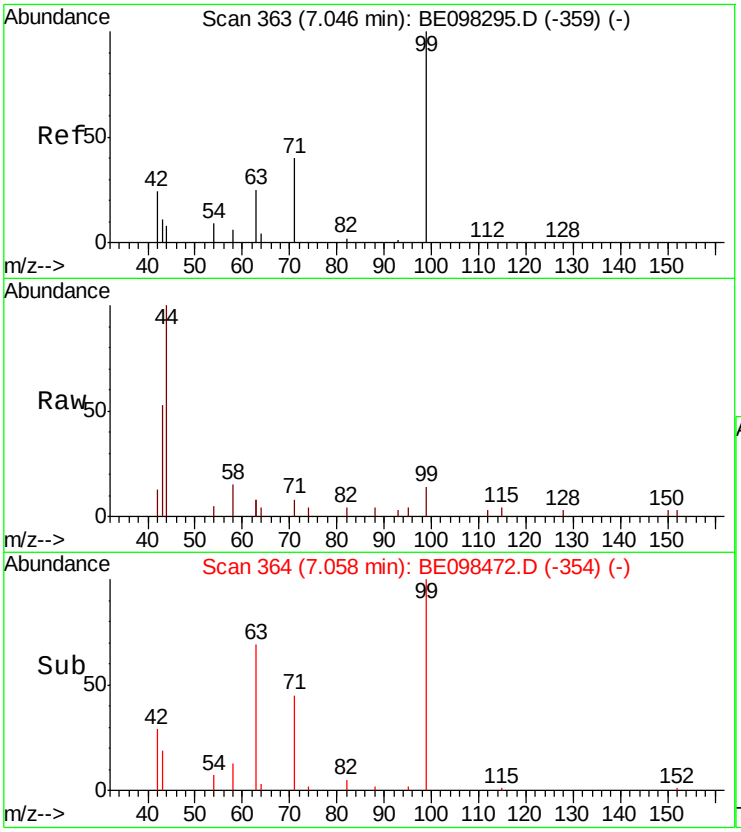


#4
2-Fluorophenol
Concen: 0.561 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Tgt Ion:112 Resp: 850

Ion	Ratio	Lower	Upper
112	100		
64	70.9	59.8	89.8
63	160.5	133.7	200.5



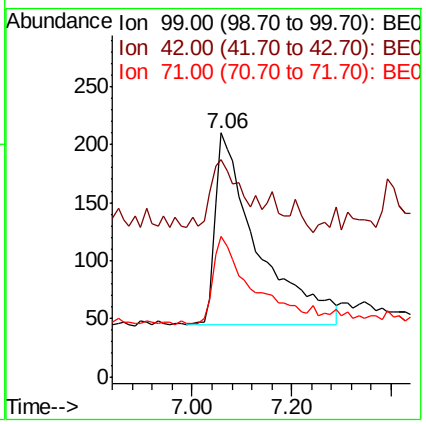


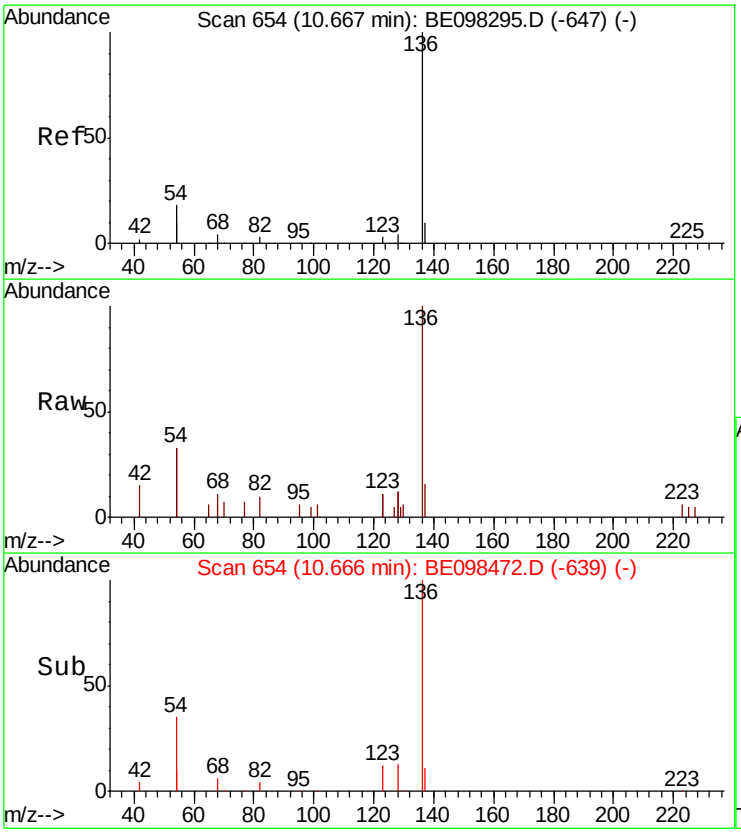
#5
Phenol-d6
Concen: 0.453 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Instrument :
BNA_E
ClientSampleId :
PB115689BL

Tgt Ion: 99 Resp: 971

Ion	Ratio	Lower	Upper
99	100		
42	25.7	26.3	39.5#
71	40.7	33.6	50.4

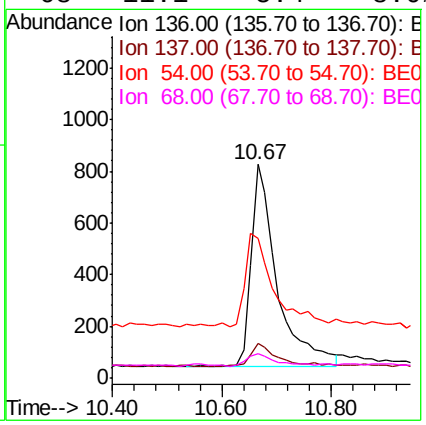


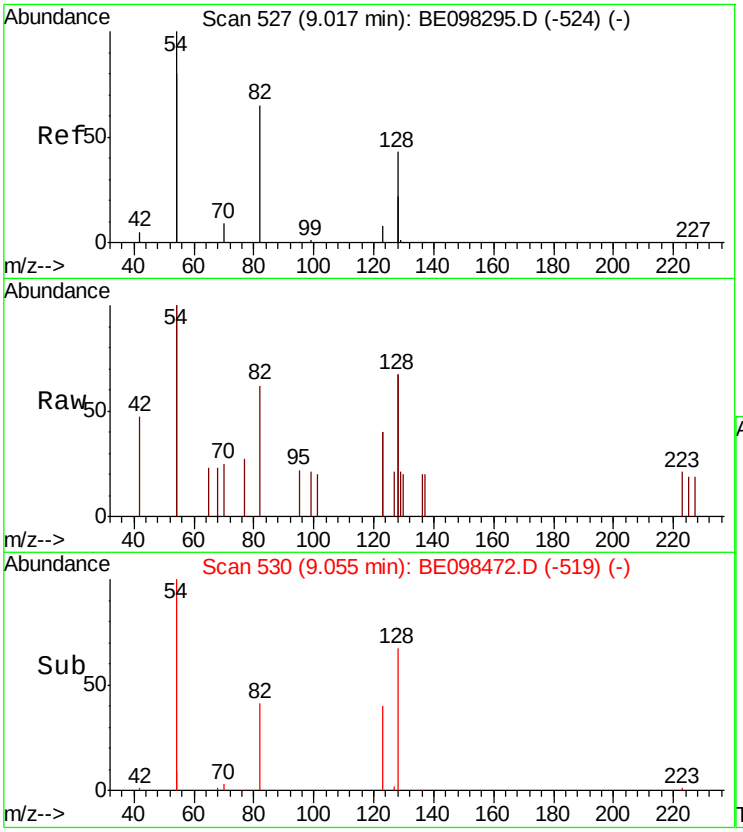


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Tgt Ion:136 Resp: 2589

Ion	Ratio	Lower	Upper
136	100		
137	16.3	9.2	13.8#
54	65.5	28.4	42.6#
68	11.1	5.4	8.0#



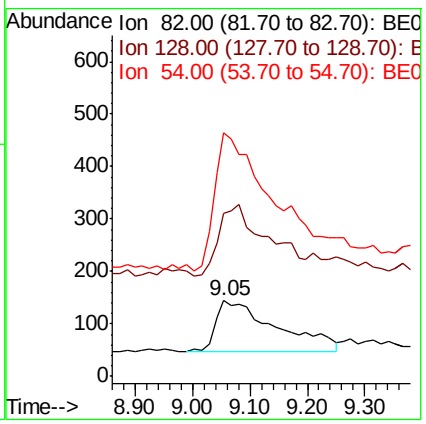


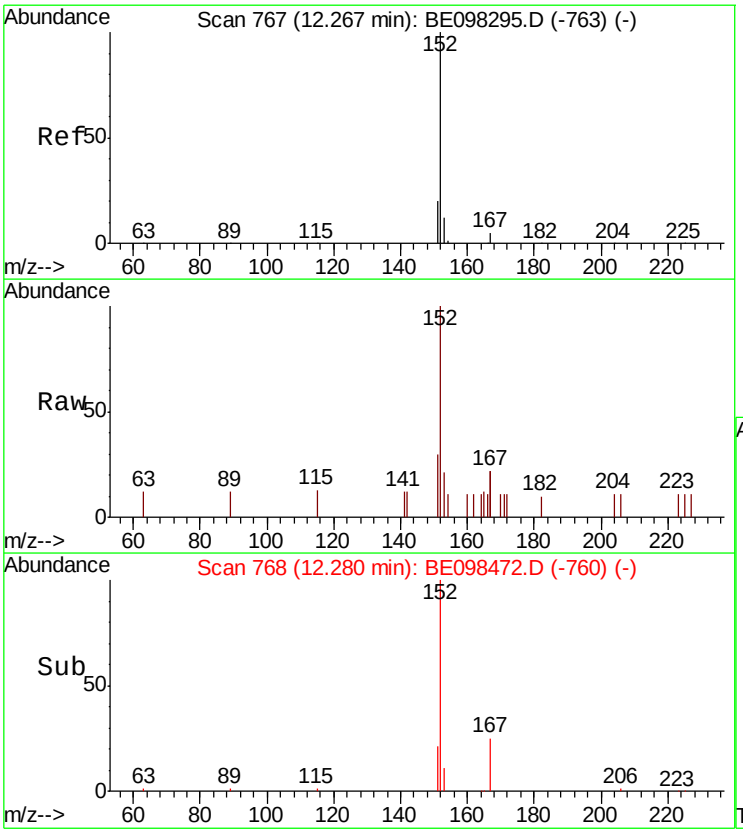
#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 9.05 min Scan# 530
Delta R.T. 0.04 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Instrument :
BNA_E
ClientSampleId :
PB115689BL

Tgt Ion: 82 Resp: 703

Ion	Ratio	Lower	Upper
82	100		
128	215.3	102.4	153.6#
54	322.2	221.8	332.8

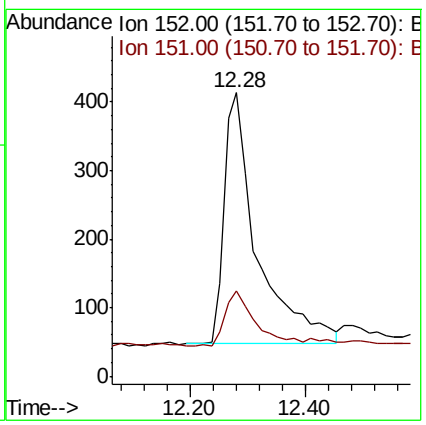


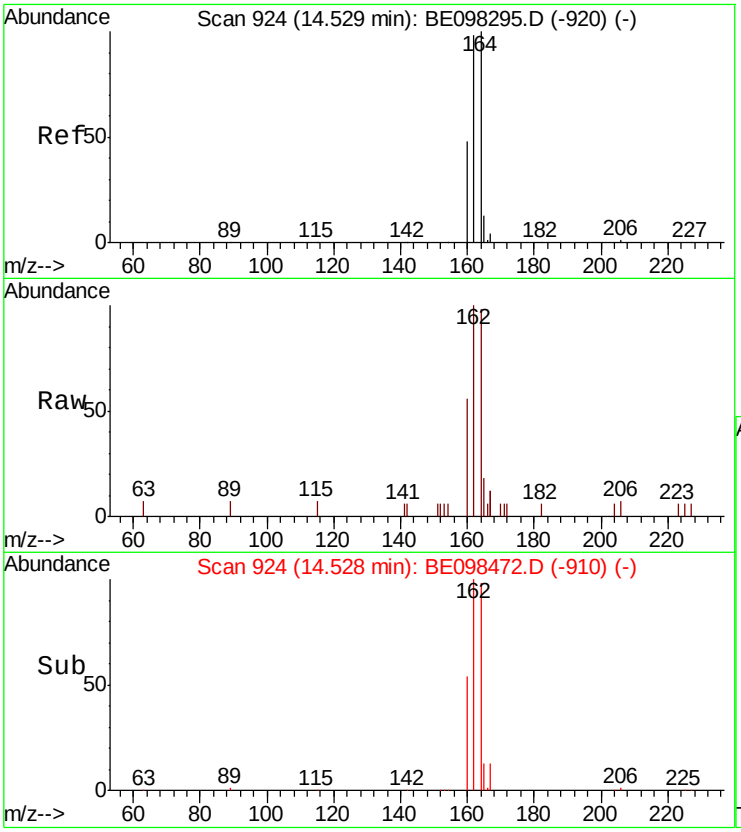


#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Tgt Ion:152 Resp: 1455

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4



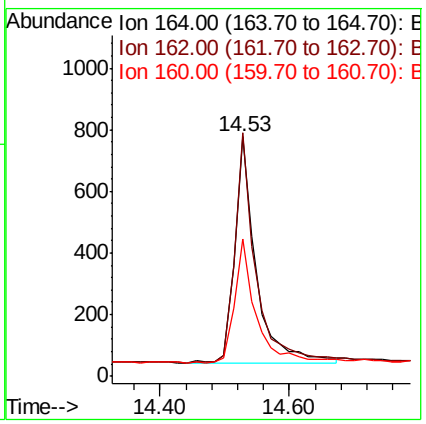


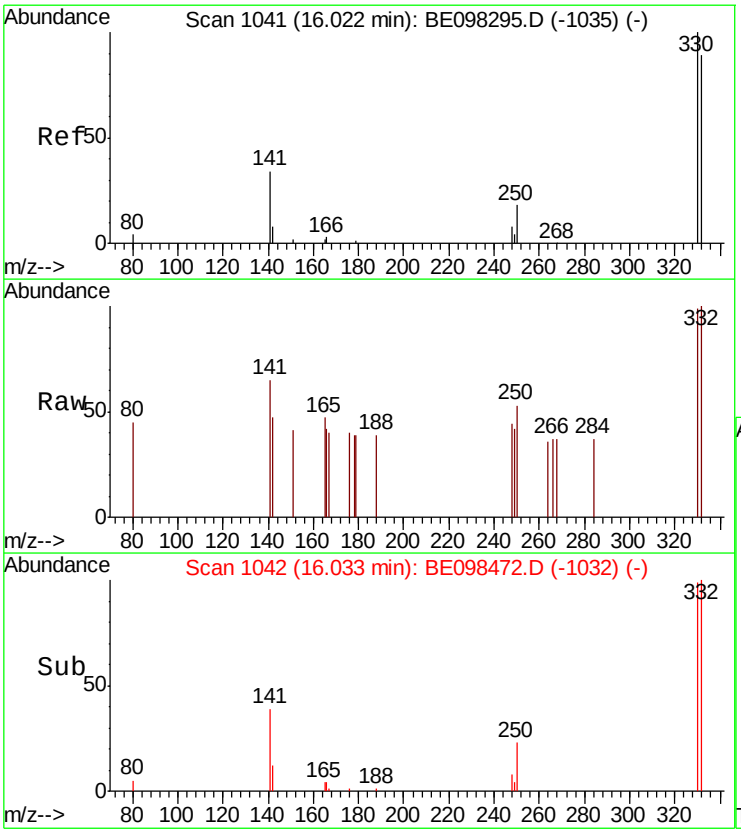
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Instrument :
BNA_E
ClientSampleId :
PB115689BL

Tgt Ion:164 Resp: 1672

Ion	Ratio	Lower	Upper
164	100		
162	101.7	77.6	116.4
160	57.3	36.0	54.0#

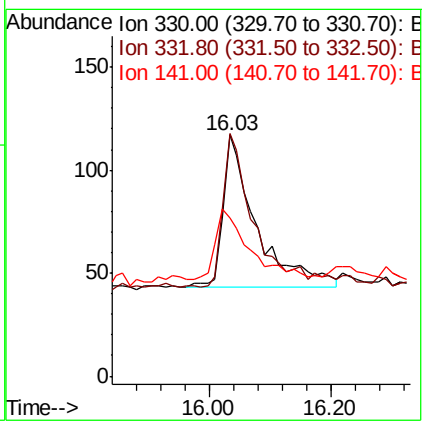


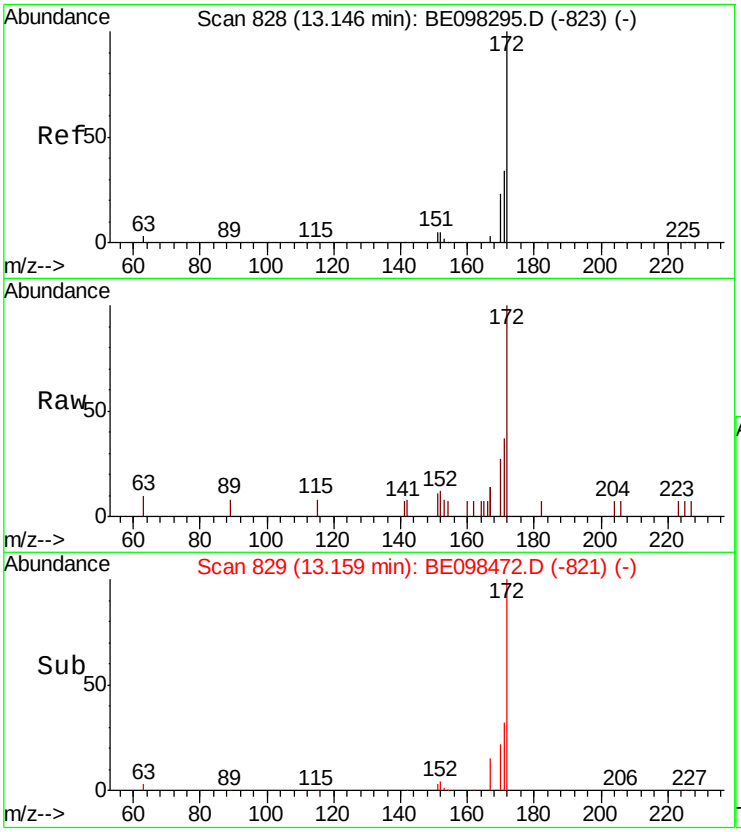


#14
2,4,6-Tribromophenol
Concen: 0.461 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Tgt Ion:330 Resp: 283

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	46.3	39.0	58.4



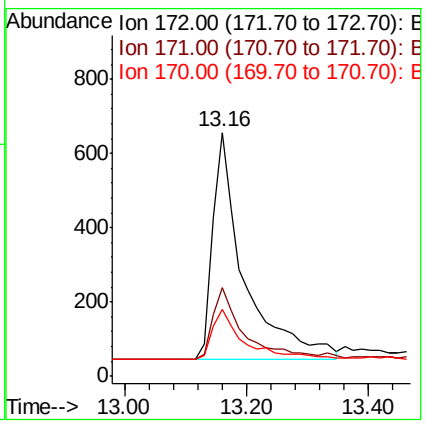


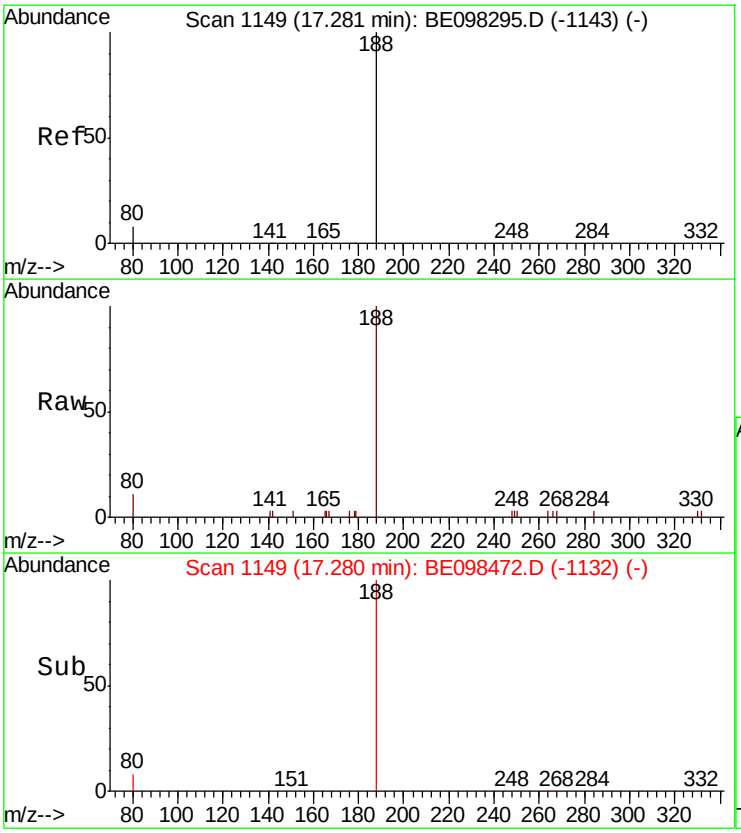
#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Instrument :
BNA_E
ClientSampleId :
PB115689BL

Tgt Ion:172 Resp: 2211

Ion	Ratio	Lower	Upper
172	100		
171	36.6	27.5	41.3
170	27.4	19.6	29.4

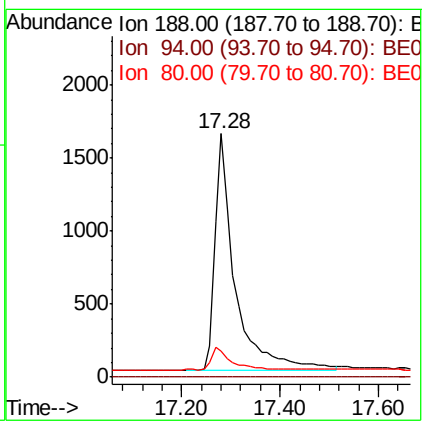


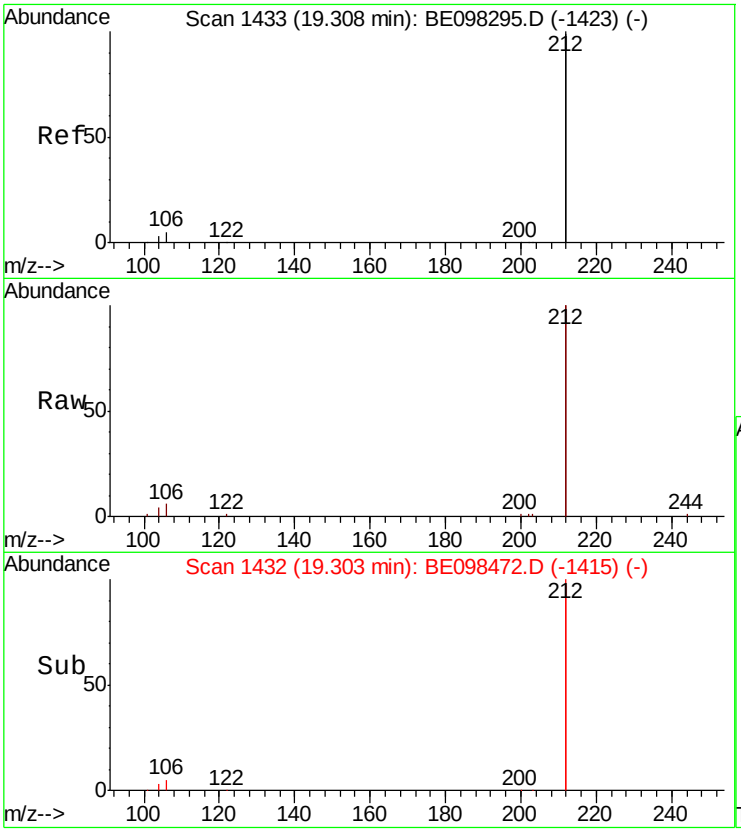


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Tgt Ion:188 Resp: 4593

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	7.2	10.8



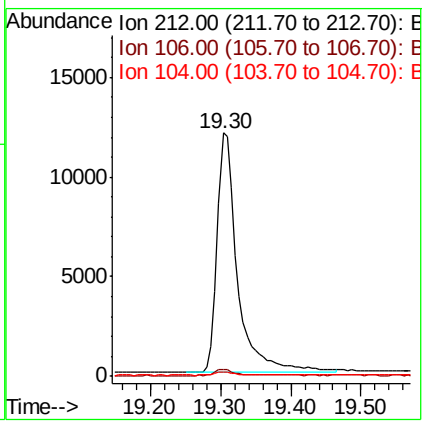


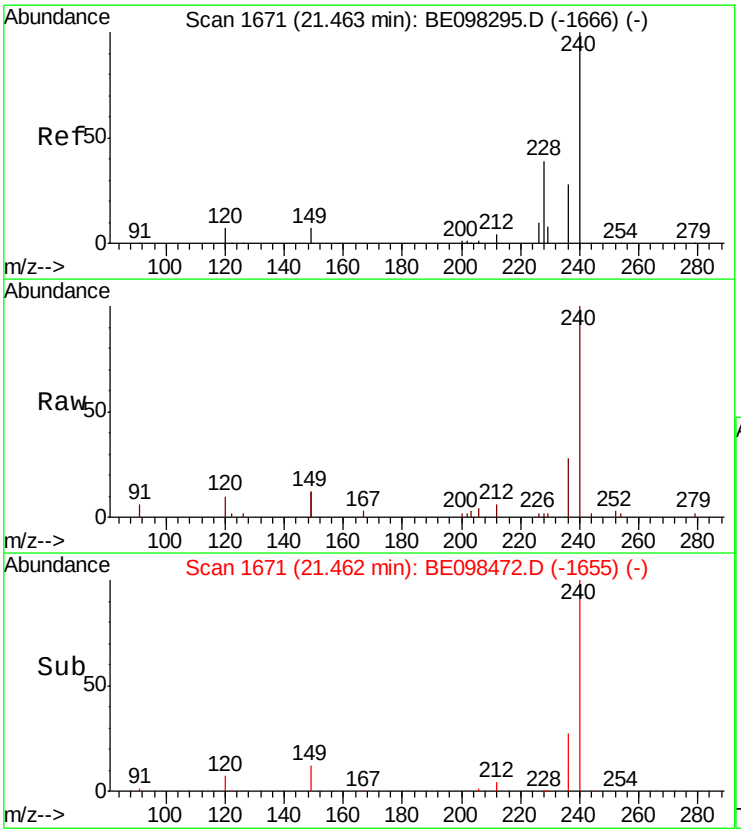
#25
Fluoranthene-d10
Concen: 0.415 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Instrument :
BNA_E
ClientSampleId :
PB115689BL

Tgt Ion:212 Resp: 24452

Ion	Ratio	Lower	Upper
212	100		
106	2.4	2.2	3.2
104	1.5	1.3	1.9

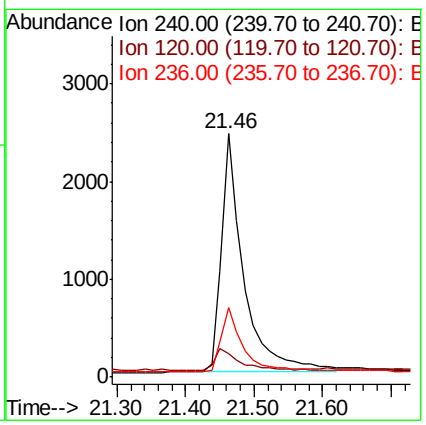


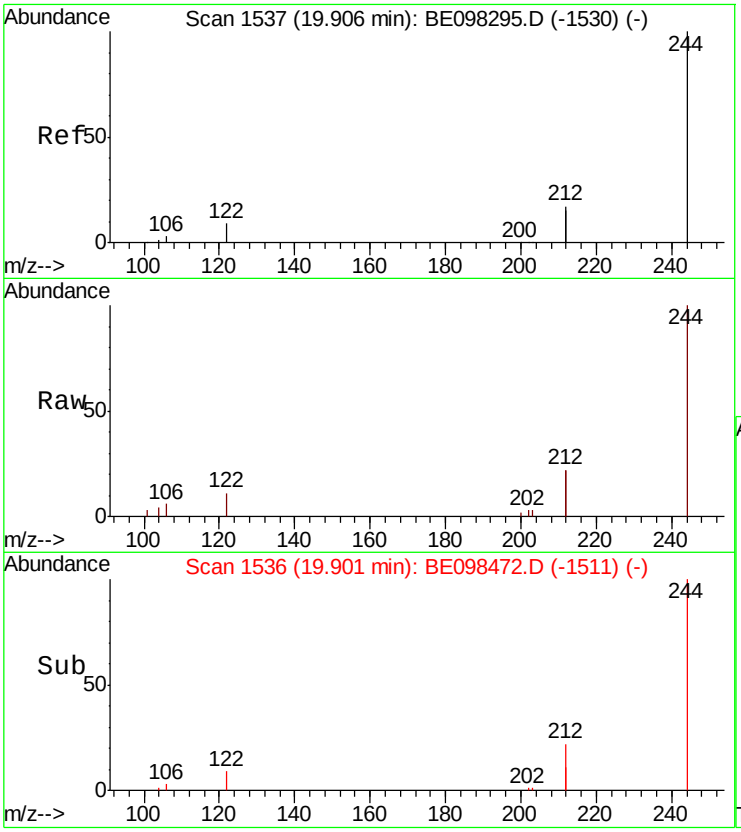


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Tgt Ion:240 Resp: 5562

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	28.3	22.7	34.1



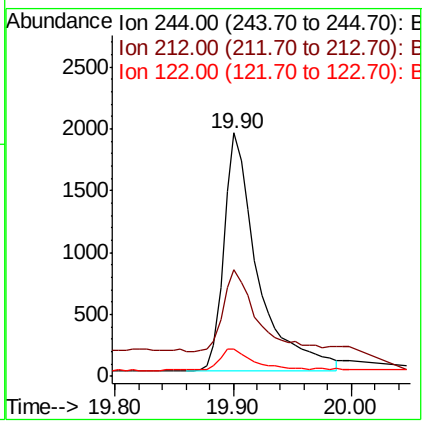


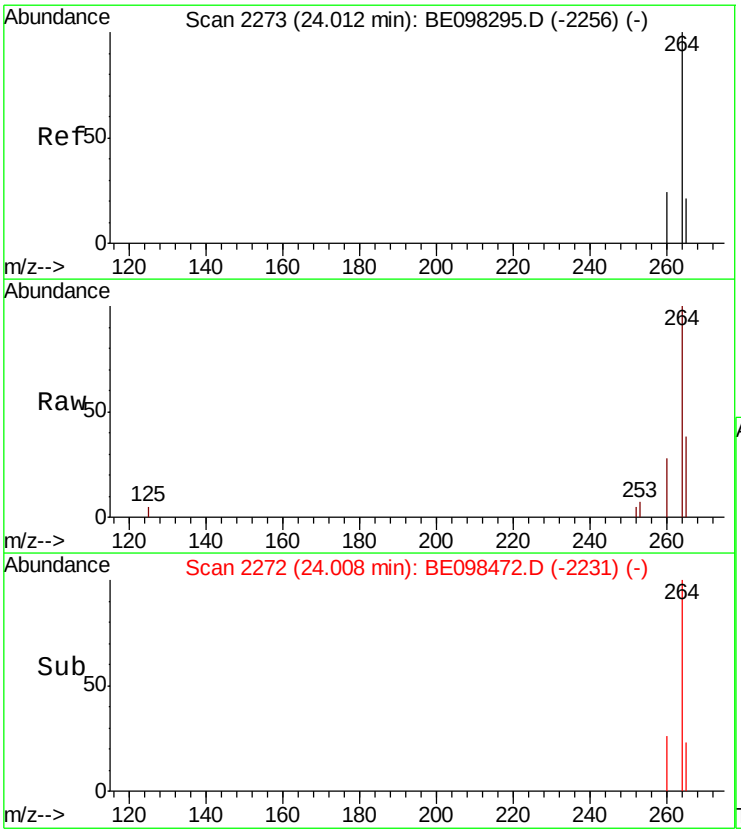
#29
Terphenyl-d14
Concen: 0.282 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Instrument :
BNA_E
ClientSampleId :
PB115689BL

Tgt Ion:244 Resp: 3813

Ion	Ratio	Lower	Upper
244	100		
212	43.8	27.4	41.0#
122	11.2	8.3	12.5





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Tgt Ion:264 Resp: 5123

Ion	Ratio	Lower	Upper
264	100		
260	28.2	20.2	30.2
265	38.1	25.2	37.8#