Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
Data File : BE100487.D
Acq On : 22 Jul 2019 20:04
Operator : HP/JU
Sample : PB121559BL
Misc : MDL-W-0.PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB121559BL

Quant Time: Jul 23 08:10:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 08:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2048	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	7861	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4534	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	11266	0.40	ng	0.00
27) Chrysene-d12	21.38	240	16173	0.40	ng	0.00
34) Perylene-d12	23.86	264	18577	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1571	0.31	ng	0.00
5) Phenol-d6	7.03	99	1982	0.28	ng	0.00
8) Nitrobenzene-d5	9.02	82	1480	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	3006	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	364	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	4325	0.23	ng	0.00
25) Fluoranthene-d10	19.24	212	38241	0.25	ng	0.00
29) Terphenyl-d14	19.83	244	6647	0.17	ng	0.00
Target Compounds						Qvalue

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

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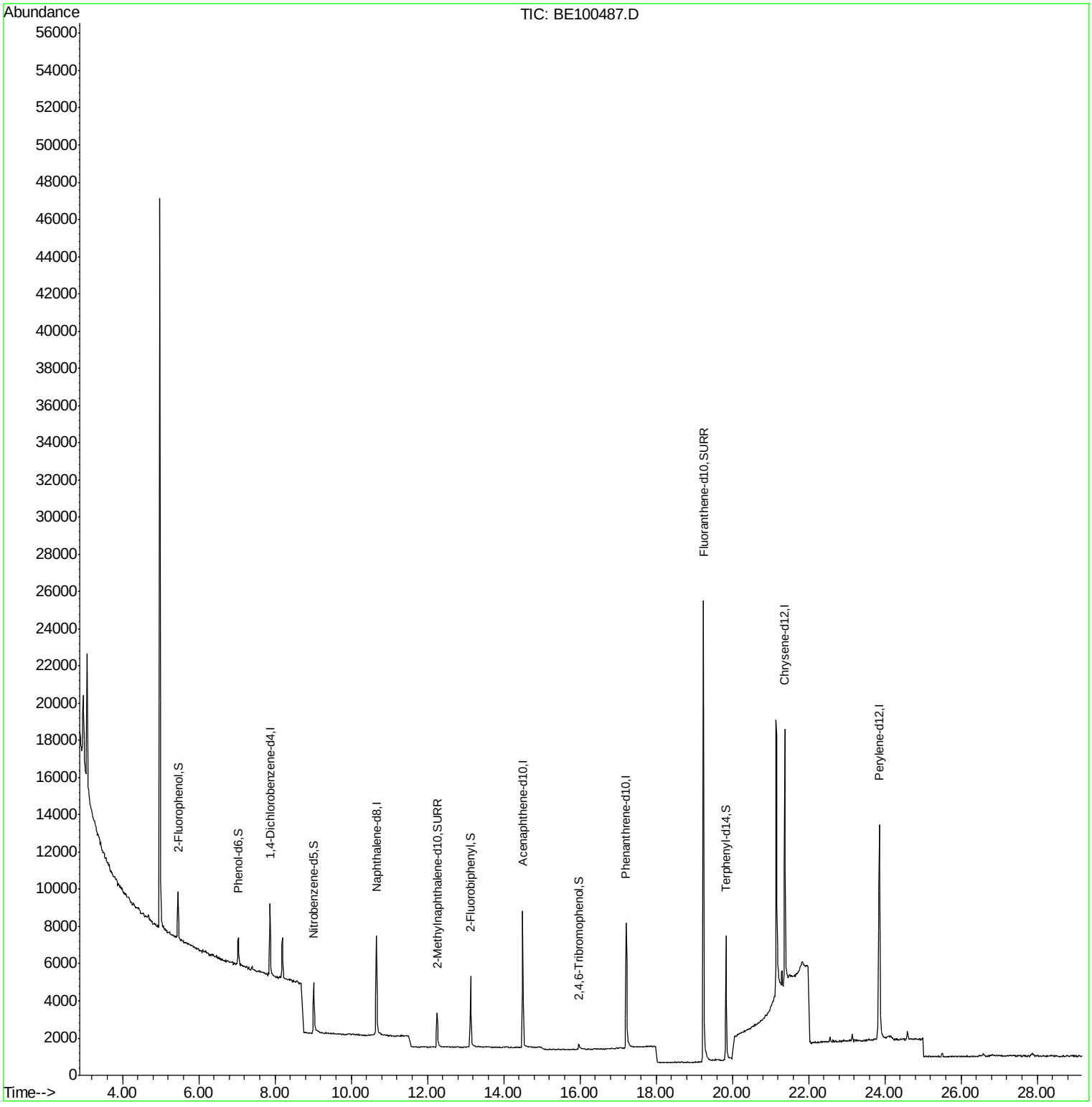
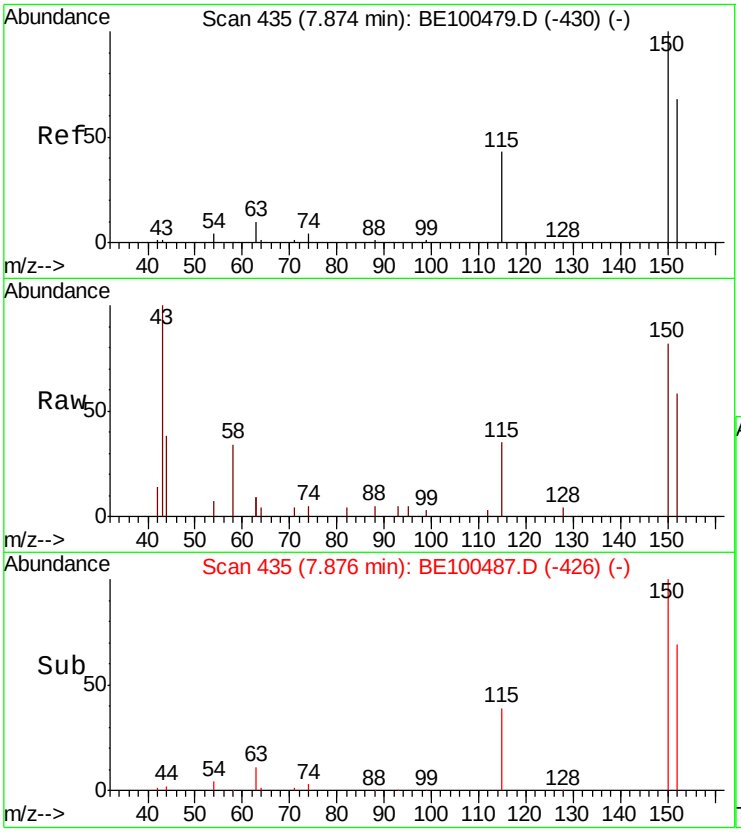


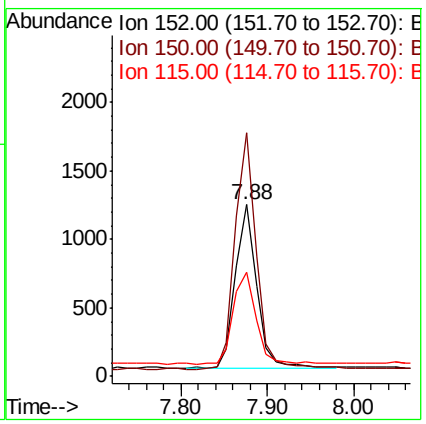


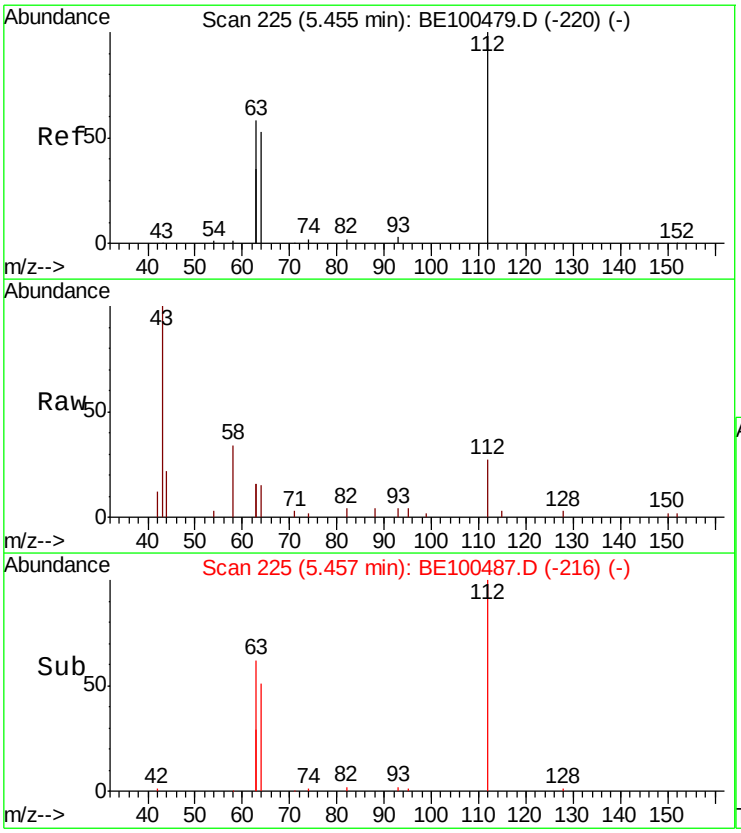
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Instrument :
BNA_E
ClientSampleId :
PB121559BL

Tgt Ion:152 Resp: 2048

Ion	Ratio	Lower	Upper
152	100		
150	141.9	115.0	172.6
115	61.1	52.9	79.3

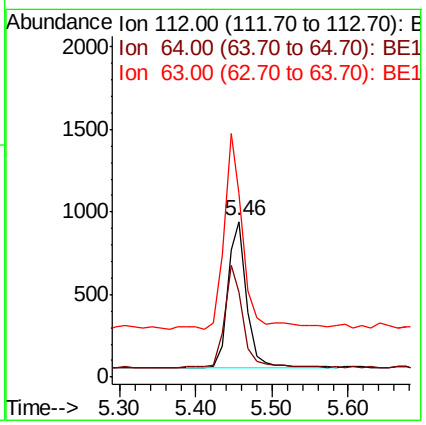


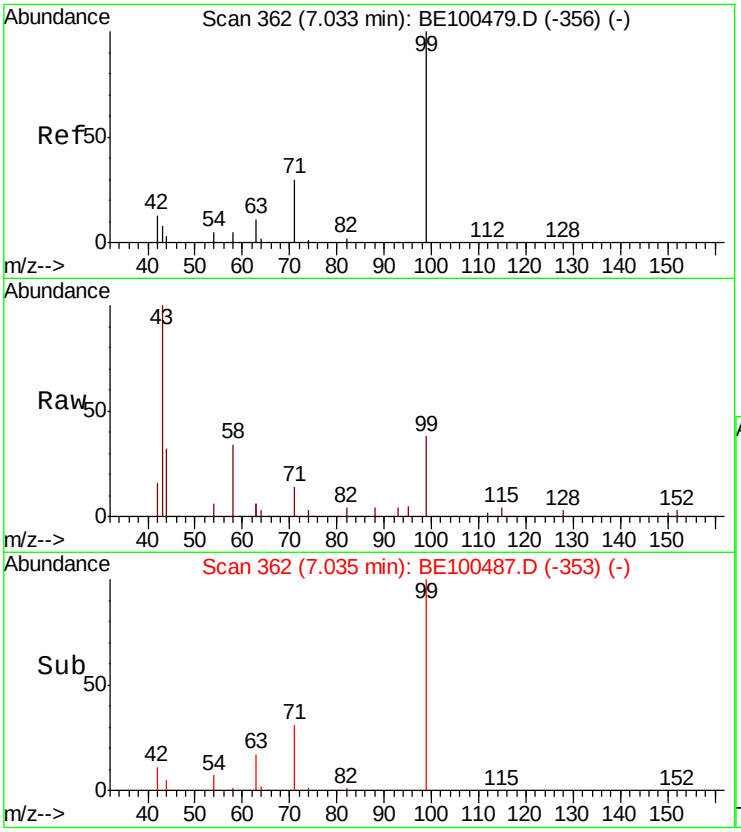


#4
2-Fluorophenol
Concen: 0.314 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Tgt Ion:112 Resp: 1571

Ion	Ratio	Lower	Upper
112	100		
64	67.0	54.1	81.1
63	133.6	104.6	157.0



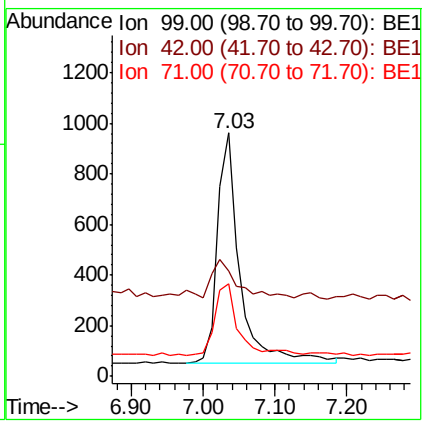


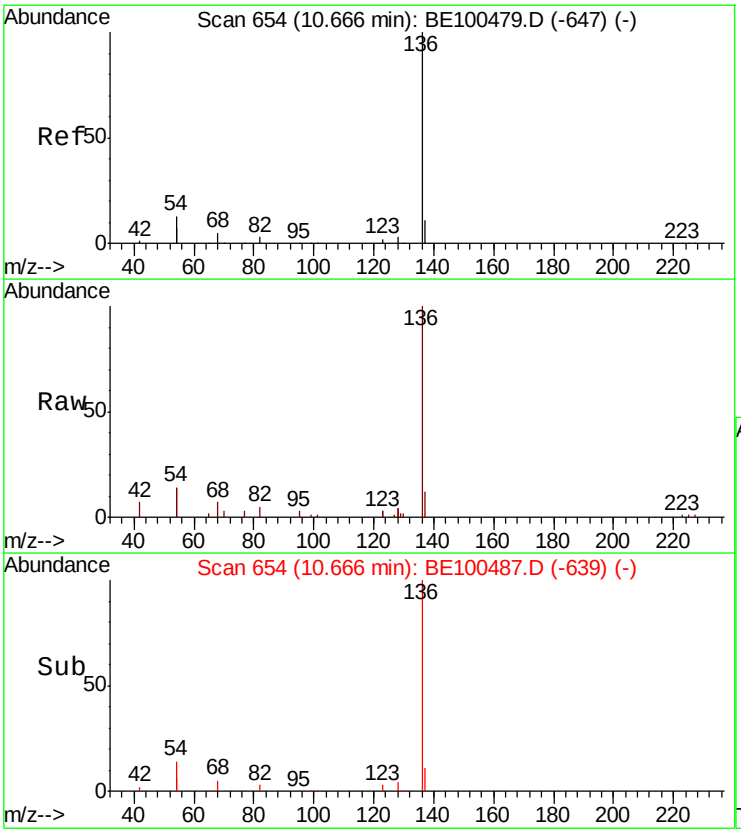
#5
Phenol-d6
Concen: 0.278 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Instrument :
BNA_E
ClientSampleId :
PB121559BL

Tgt Ion: 99 Resp: 1982

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	31.5	26.4	39.6

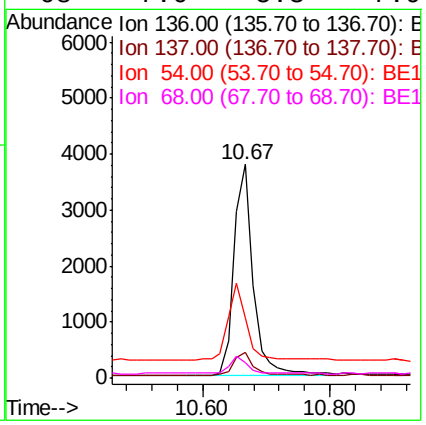


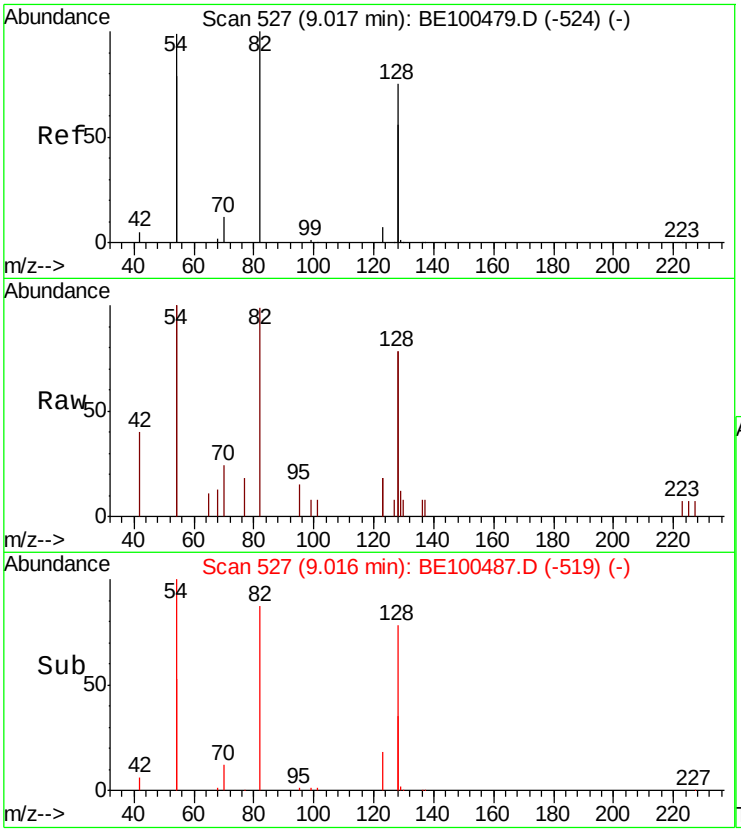


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Tgt Ion:136 Resp: 7861

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.8	14.6
54	28.3	20.6	31.0
68	7.0	5.3	7.9



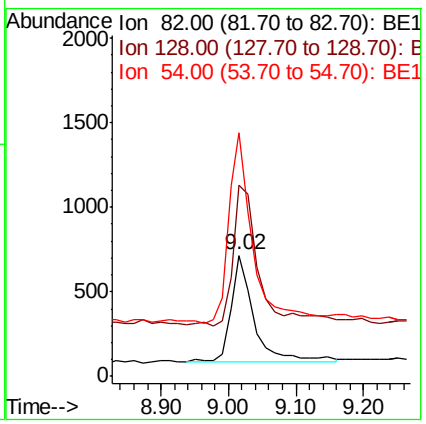


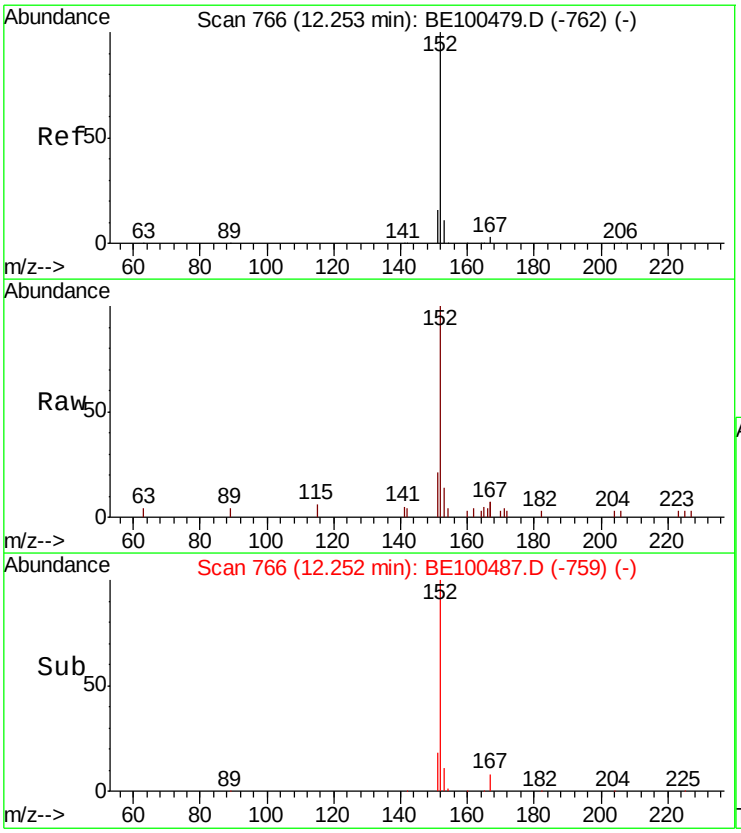
#8
Nitrobenzene-d5
Concen: 0.226 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Instrument :
BNA_E
ClientSampleId :
PB121559BL

Tgt Ion: 82 Resp: 1480

Ion	Ratio	Lower	Upper
82	100		
128	157.8	113.6	170.4
54	201.1	150.6	226.0

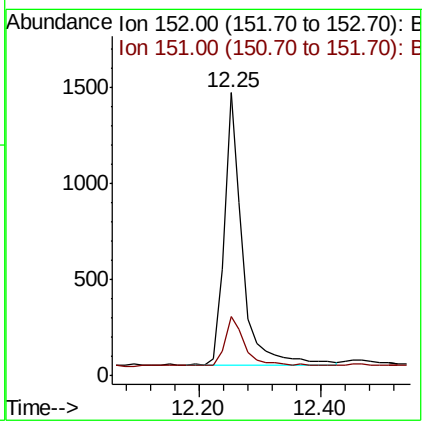


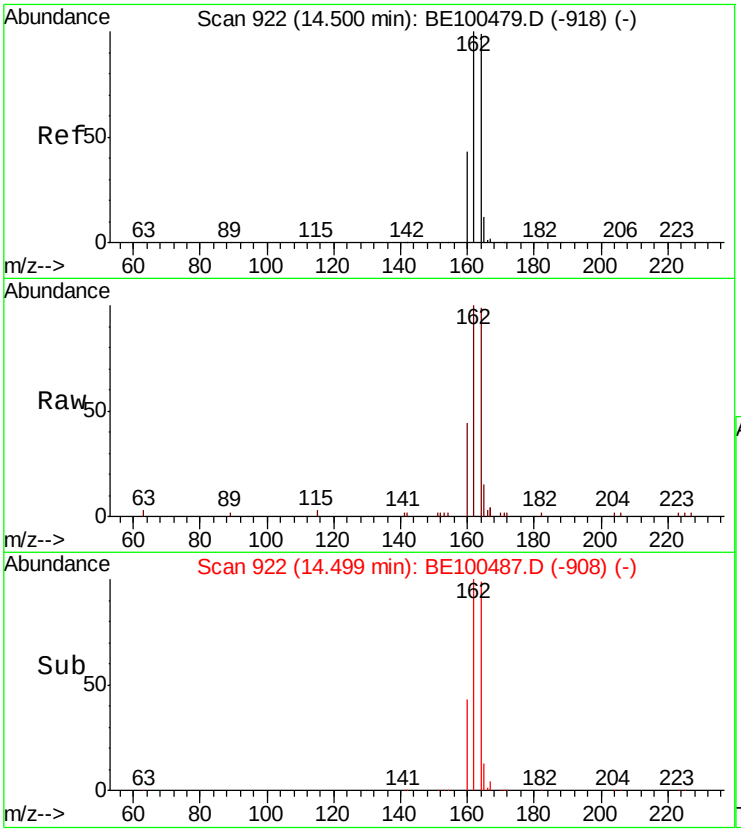


#11
2-Methylnaphthalene-d10
Concen: 0.231 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Tgt Ion:152 Resp: 3006

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.1	22.7



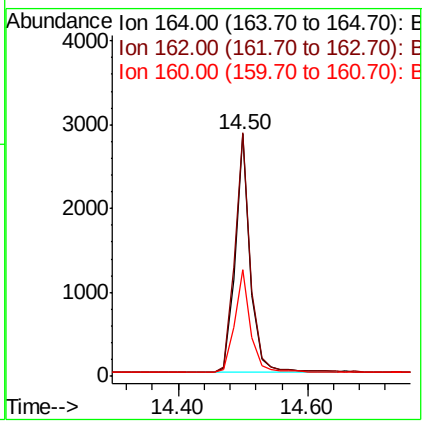


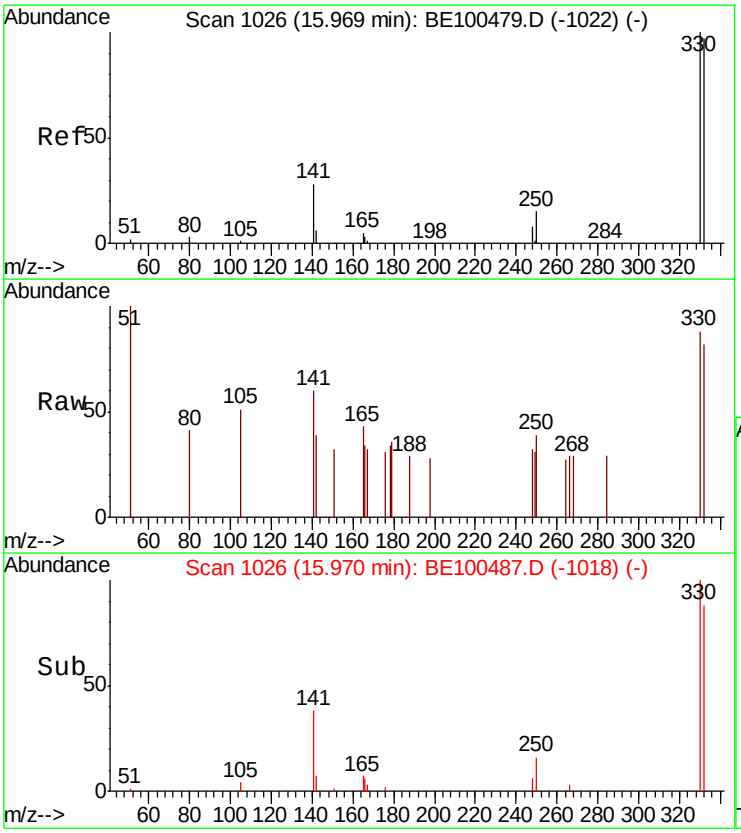
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Instrument :
BNA_E
ClientSampleId :
PB121559BL

Tgt Ion:164 Resp: 4534

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.8	121.2
160	44.1	34.9	52.3

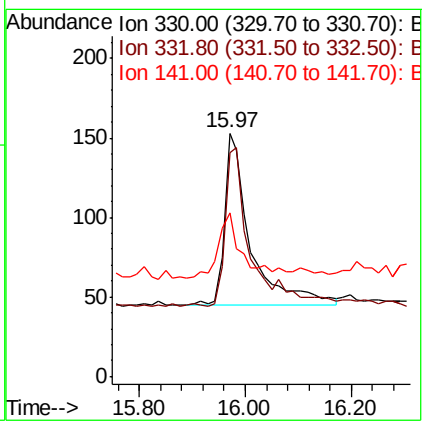


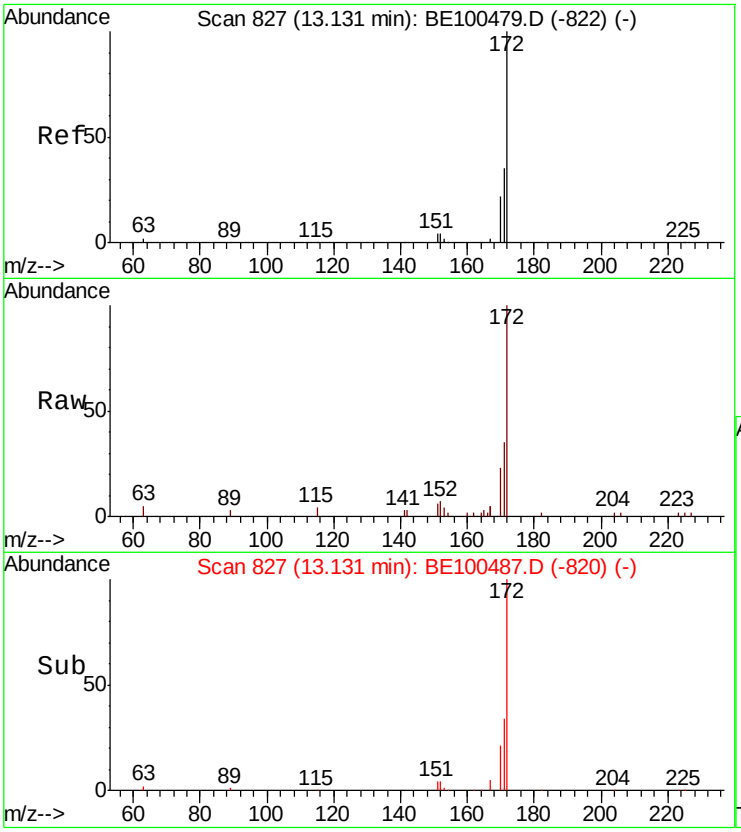


#14
2,4,6-Tribromophenol
Concen: 0.185 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Tgt Ion:330 Resp: 364

Ion	Ratio	Lower	Upper
330	100		
332	93.7	80.5	120.7
141	34.6	29.9	44.9



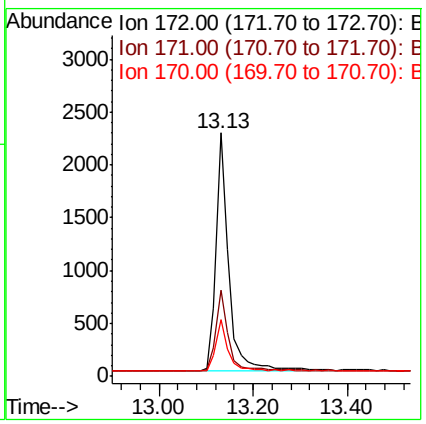


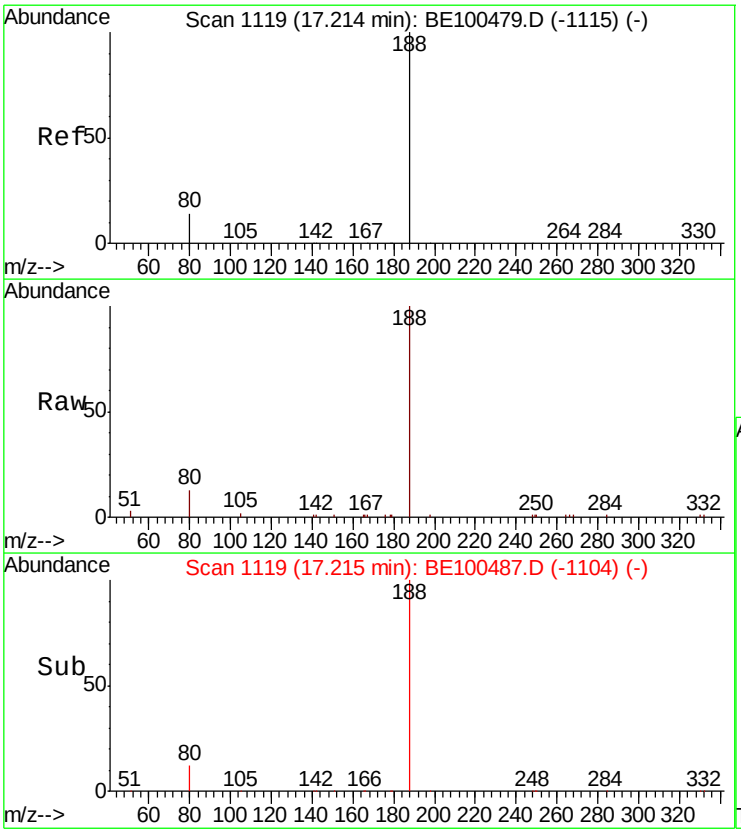
#15
2-Fluorobiphenyl
Concen: 0.235 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Instrument :
BNA_E
ClientSampleId :
PB121559BL

Tgt Ion:172 Resp: 4325

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.2	17.8	26.8

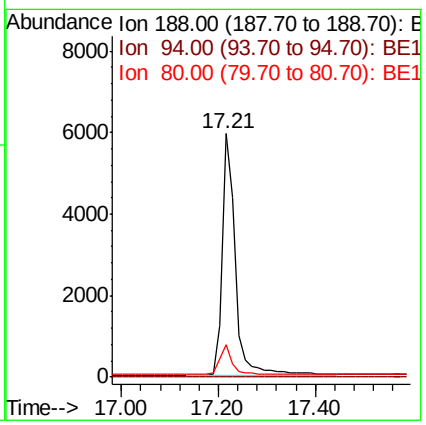


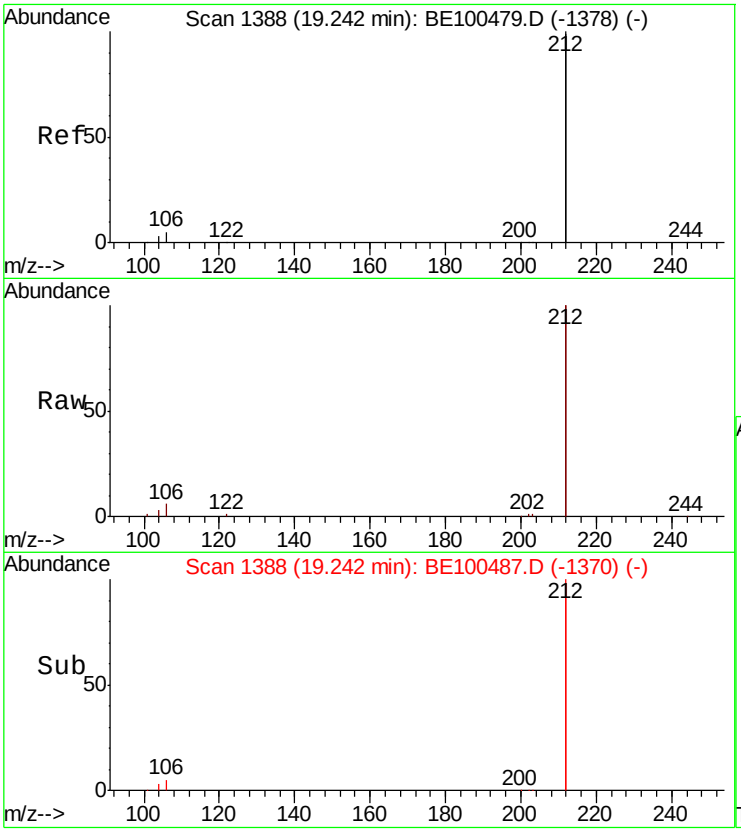


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Tgt Ion:188 Resp: 11266

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	11.9	17.9



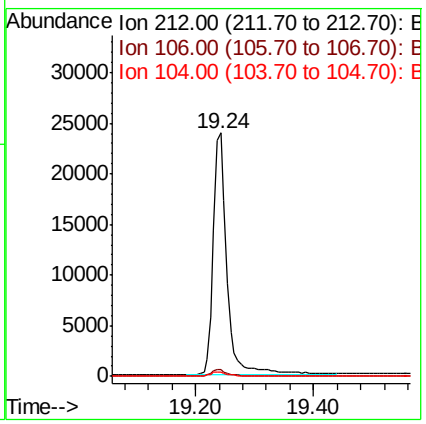


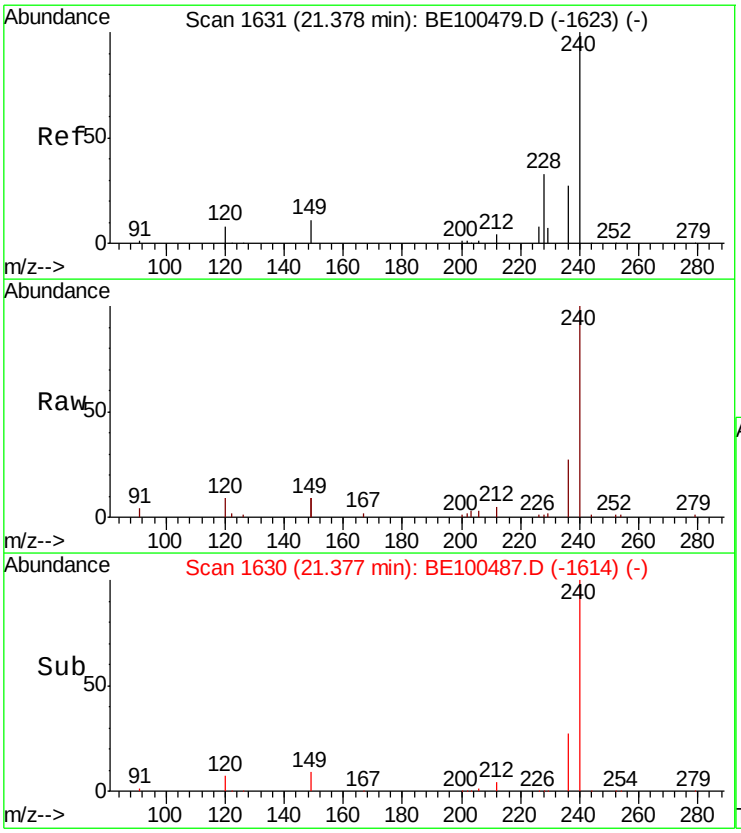
#25
Fluoranthene-d10
Concen: 0.248 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Instrument :
BNA_E
ClientSampleId :
PB121559BL

Tgt Ion:212 Resp: 38241

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.4
104	1.5	1.2	1.8

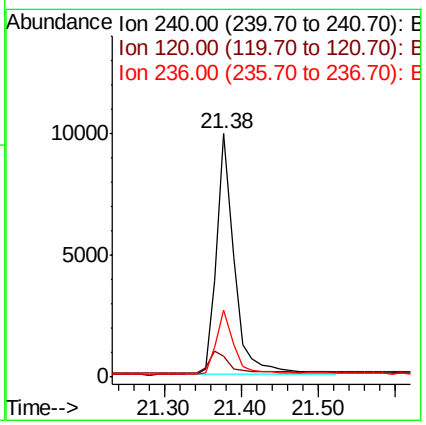


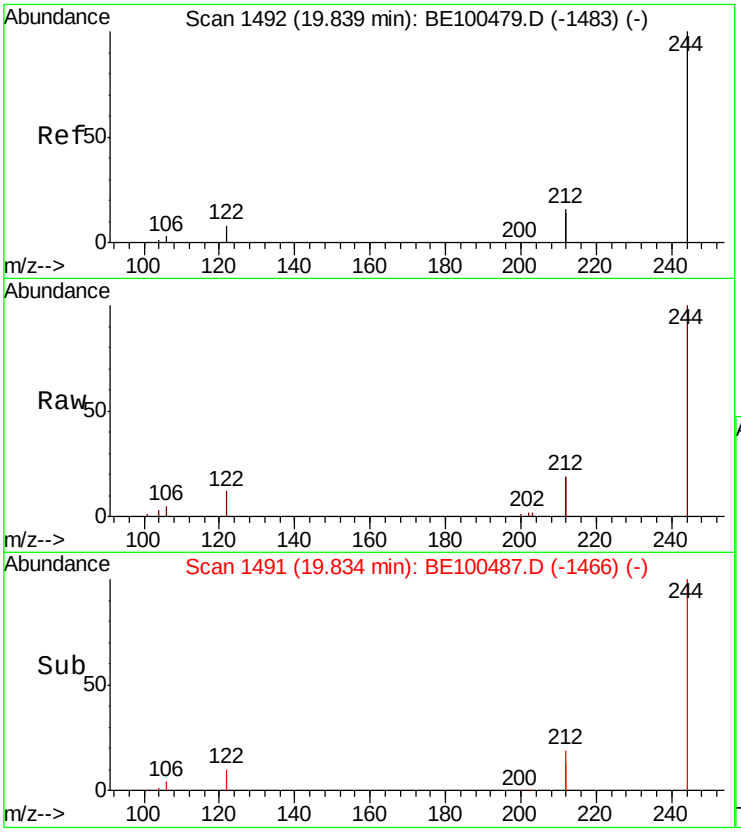


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Tgt Ion:240 Resp: 16173

Ion	Ratio	Lower	Upper
240	100		
120	8.8	8.2	12.2
236	27.4	22.6	34.0



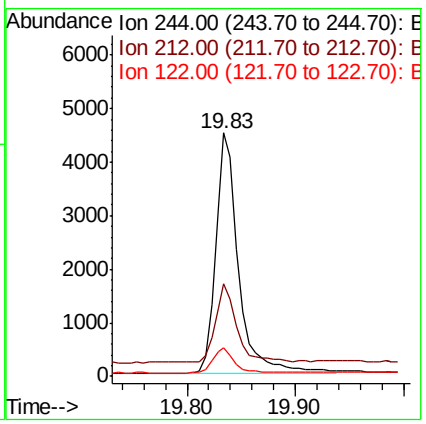


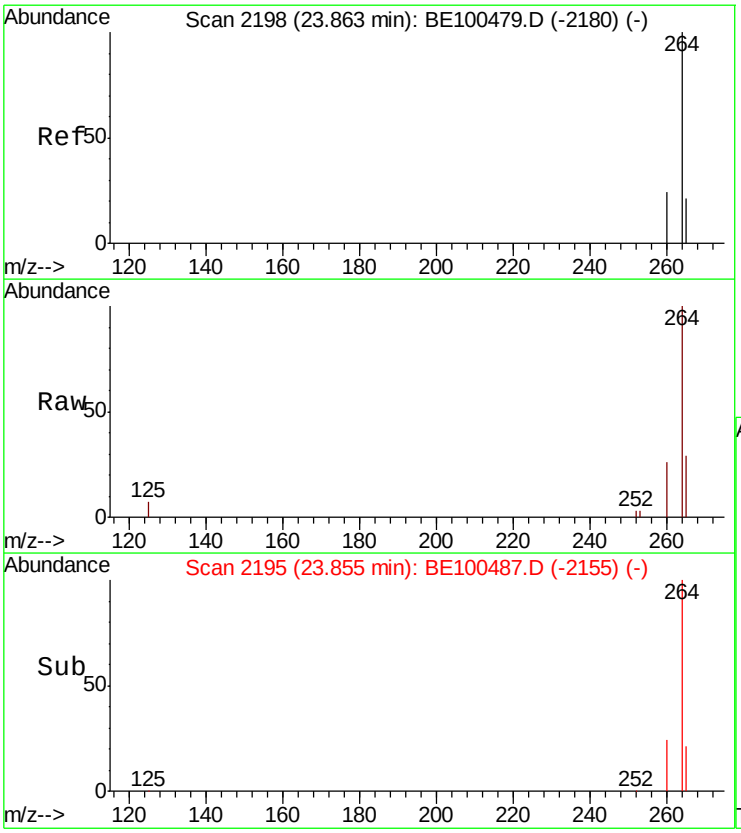
#29
Terphenyl-d14
Concen: 0.166 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Instrument :
BNA_E
ClientSampleId :
PB121559BL

Tgt Ion:244 Resp: 6647

Ion	Ratio	Lower	Upper
244	100		
212	37.8	25.6	38.4
122	11.7	7.2	10.8#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BE100487.D
Acq: 22 Jul 2019 20:04

Tgt Ion:264 Resp: 18577

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.7	31.1
265	29.0	23.4	35.2