Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
Data File : BE100087.D
Acq On : 19 Jun 2019 18:02
Operator : JU/SJ
Sample : PB120491BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB120491BL

Quant Time: Jun 20 03:54:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	493	0.40	ng	0.01
7) Naphthalene-d8	10.58	136	1697	0.40	ng	0.04
13) Acenaphthene-d10	14.43	164	1283	0.40	ng	0.01
19) Phenanthrene-d10	17.19	188	3650	0.40	ng	0.03
27) Chrysene-d12	21.35	240	5297	0.40	ng	0.01
34) Perylene-d12	23.85	264	6906	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	325	0.32	ng	0.01
5) Phenol-d6	7.02	99	429	0.31	ng	0.09
8) Nitrobenzene-d5	9.00	82	378	0.23	ng	0.09
11) 2-Methylnaphthalene-d10	12.21	152	861	0.27	ng	0.06
14) 2,4,6-Tribromophenol	15.97	330	63	0.09	ng	0.05
15) 2-Fluorobiphenyl	13.07	172	1631	0.32	ng	0.03
25) Fluoranthene-d10	19.21	212	14277	0.27	ng	0.02
29) Terphenyl-d14	19.81	244	3551	0.34	ng	0.00
Target Compounds						Qvalue

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

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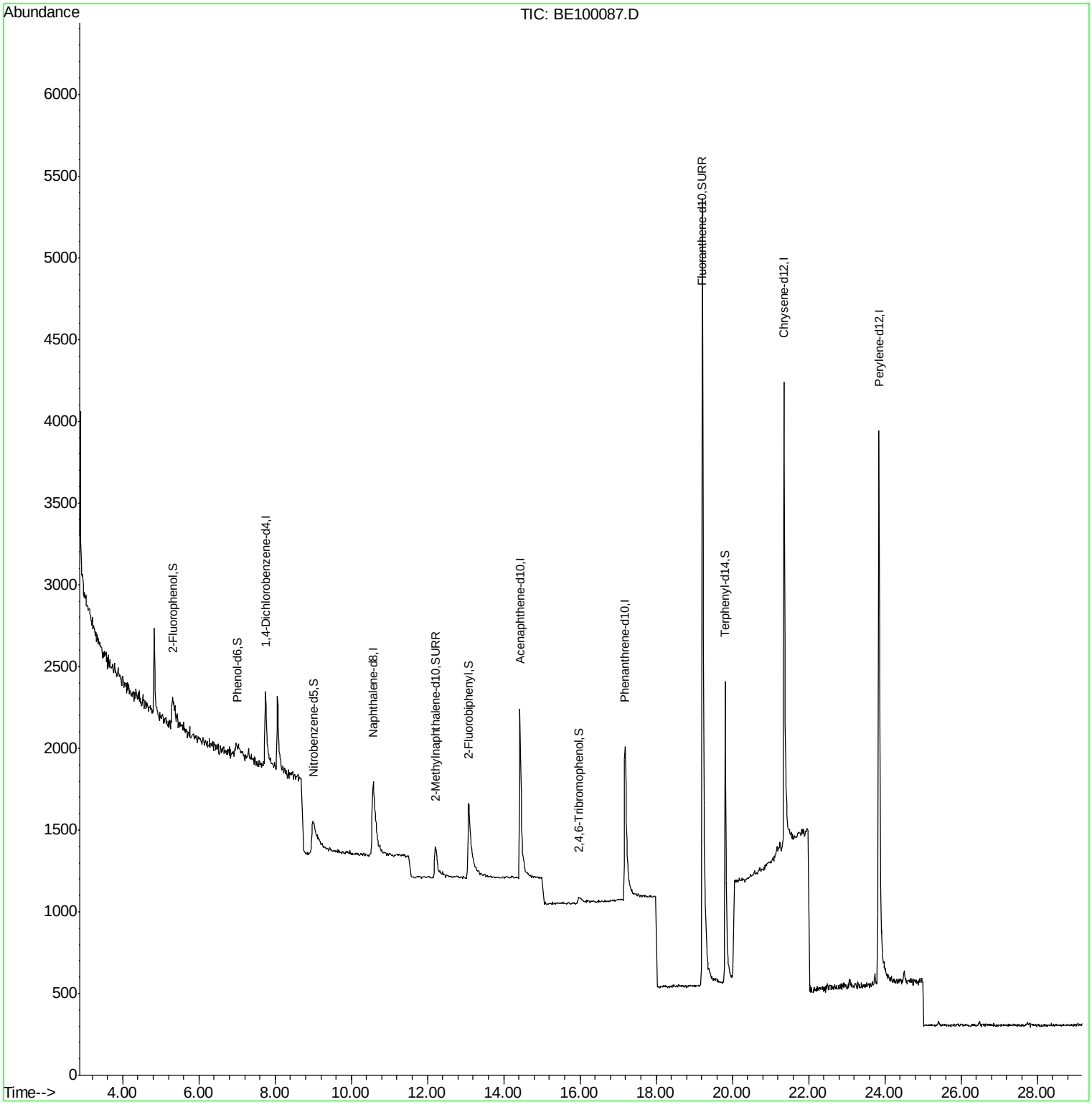
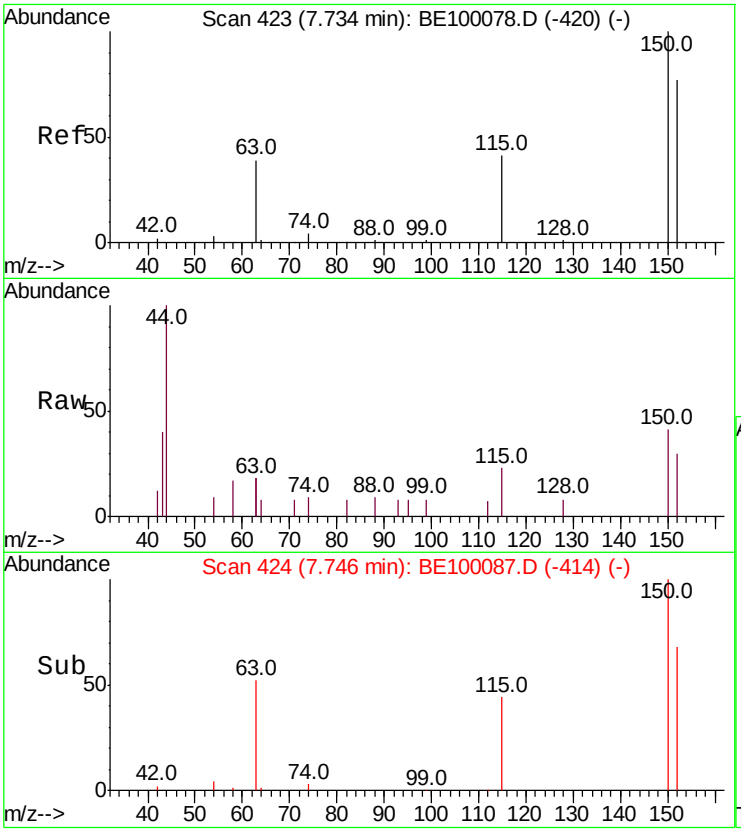


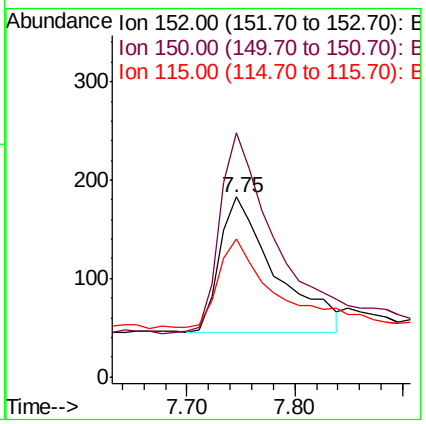


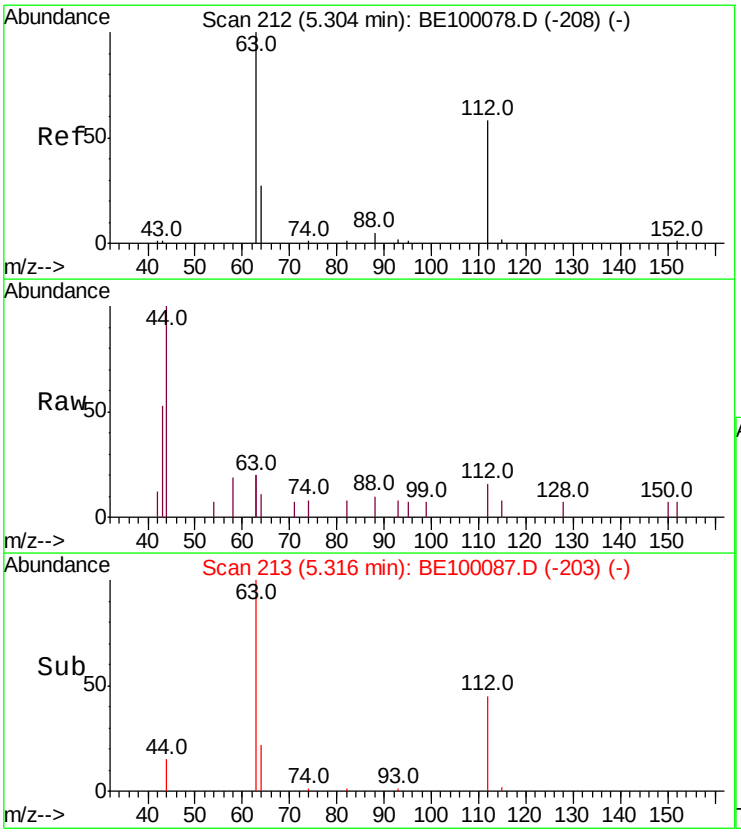
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.01 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tgt Ion:152 Resp: 493

Ion	Ratio	Lower	Upper
152	100		
150	135.5	99.8	149.8
115	76.5	51.3	76.9

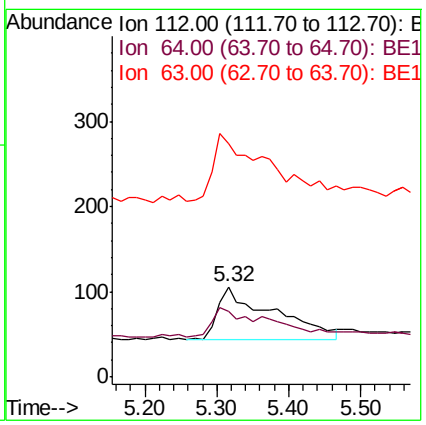


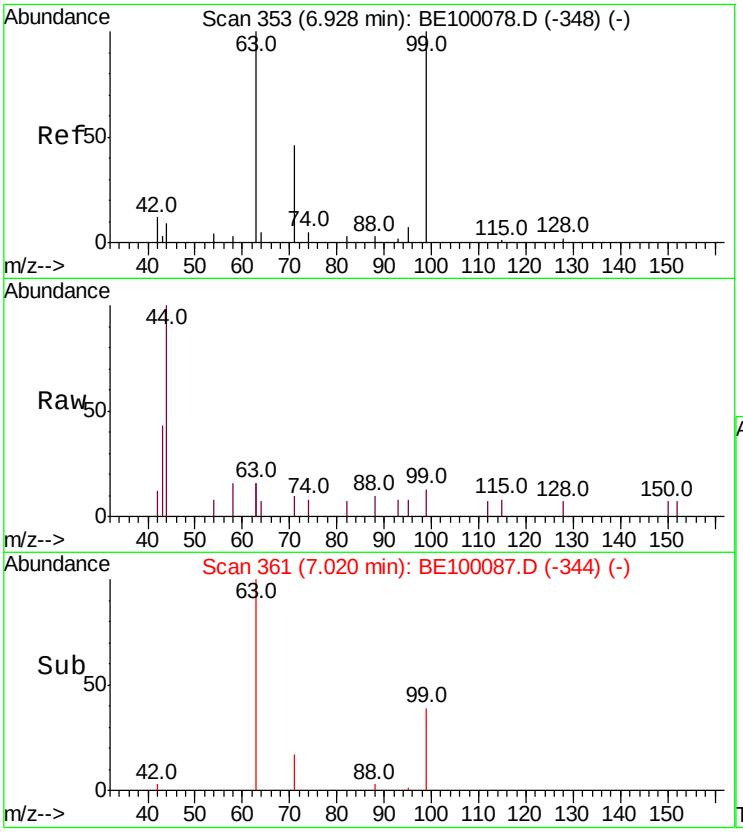


#4
2-Fluorophenol
Concen: 0.318 ng
RT: 5.32 min Scan# 213
Delta R.T. 0.01 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Tgt Ion:112 Resp: 325

Ion	Ratio	Lower	Upper
112	100		
64	32.6	22.0	33.0
63	151.7	121.8	182.6



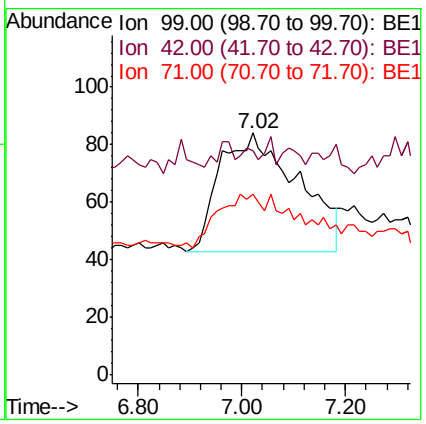


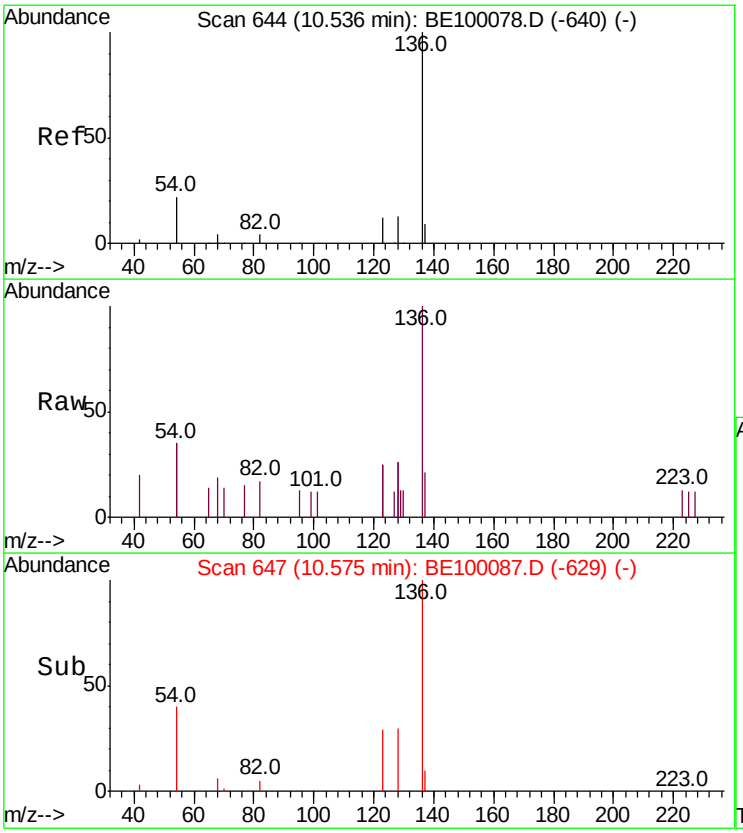
#5
Phenol-d6
Concen: 0.305 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.09 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tgt Ion: 99 Resp: 429

Ion	Ratio	Lower	Upper
99	100		
42	1.9	0.0	0.0#
71	0.0	37.6	56.4#

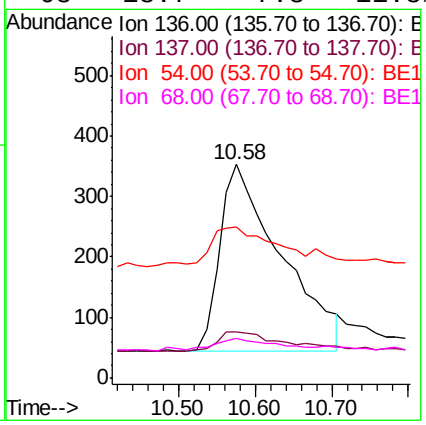


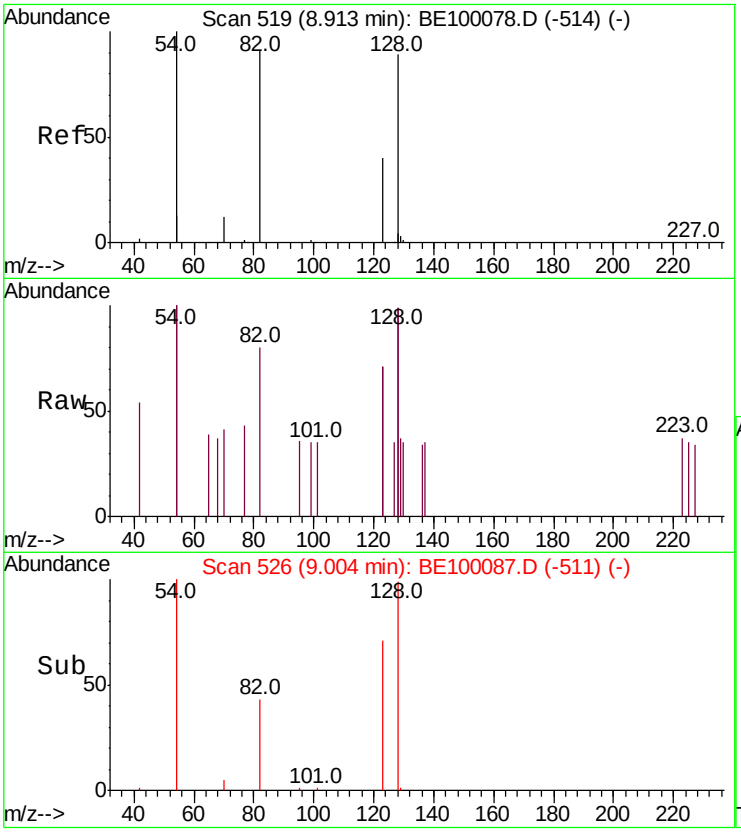


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.58 min Scan# 647
Delta R.T. 0.04 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Tgt Ion:136 Resp: 1697

Ion	Ratio	Lower	Upper
136	100		
137	21.2	11.6	17.4#
54	70.8	33.9	50.9#
68	18.7	7.8	11.8#



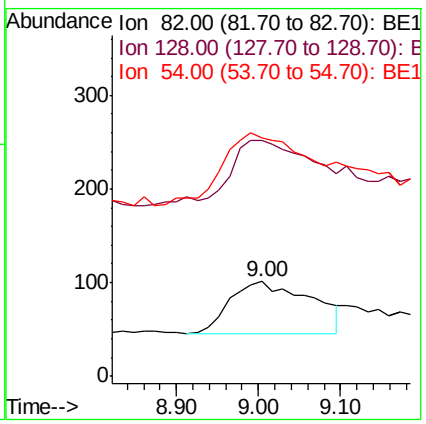


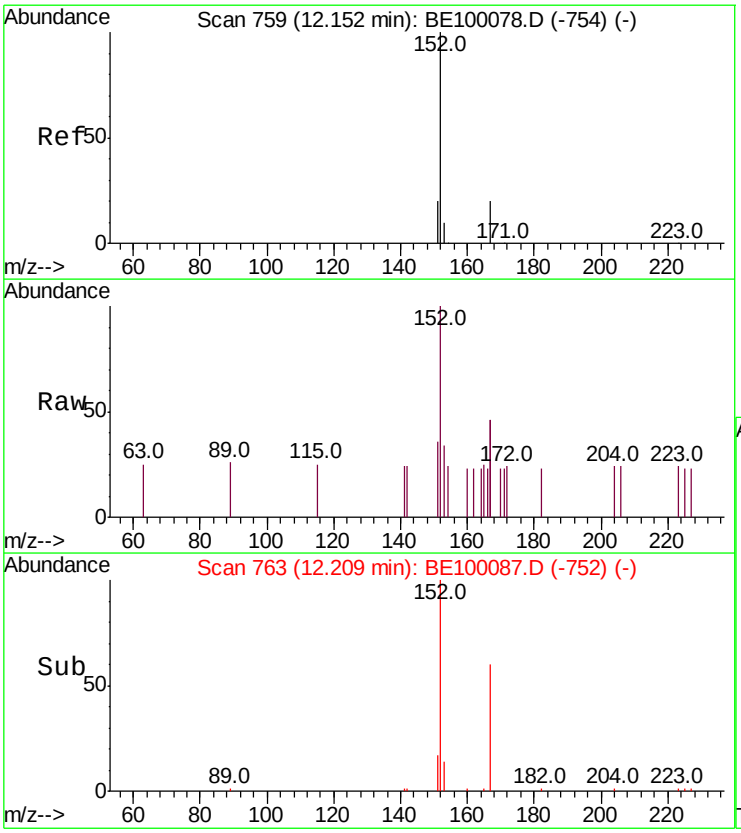
#8
Nitrobenzene-d5
Concen: 0.230 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.09 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tgt Ion: 82 Resp: 378

Ion	Ratio	Lower	Upper
82	100		
128	249.5	128.0	192.0#
54	251.5	143.4	215.0#

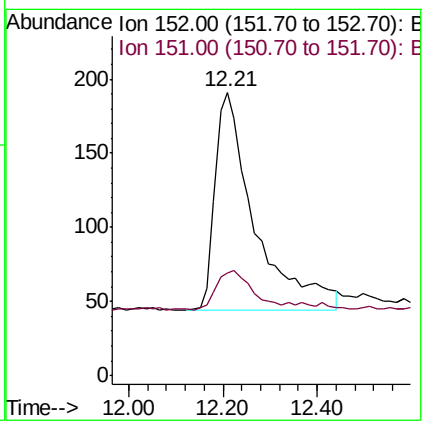


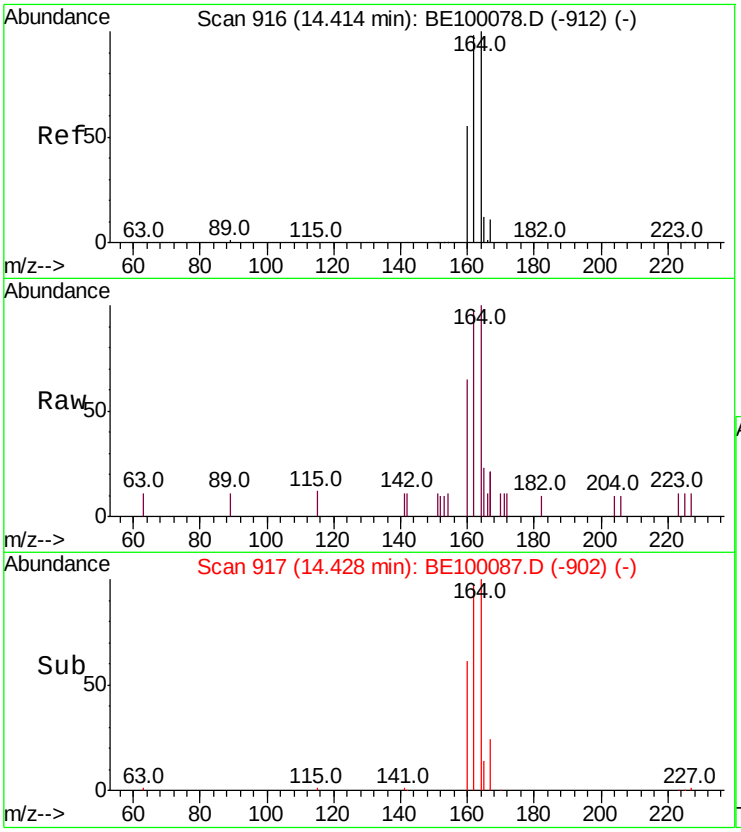


#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.06 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Tgt Ion:152 Resp: 861

Ion	Ratio	Lower	Upper
152	100		
151	16.6	16.3	24.5



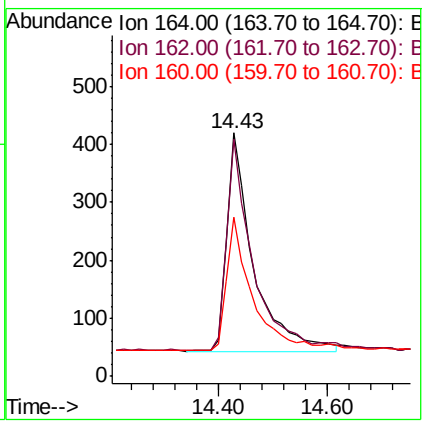


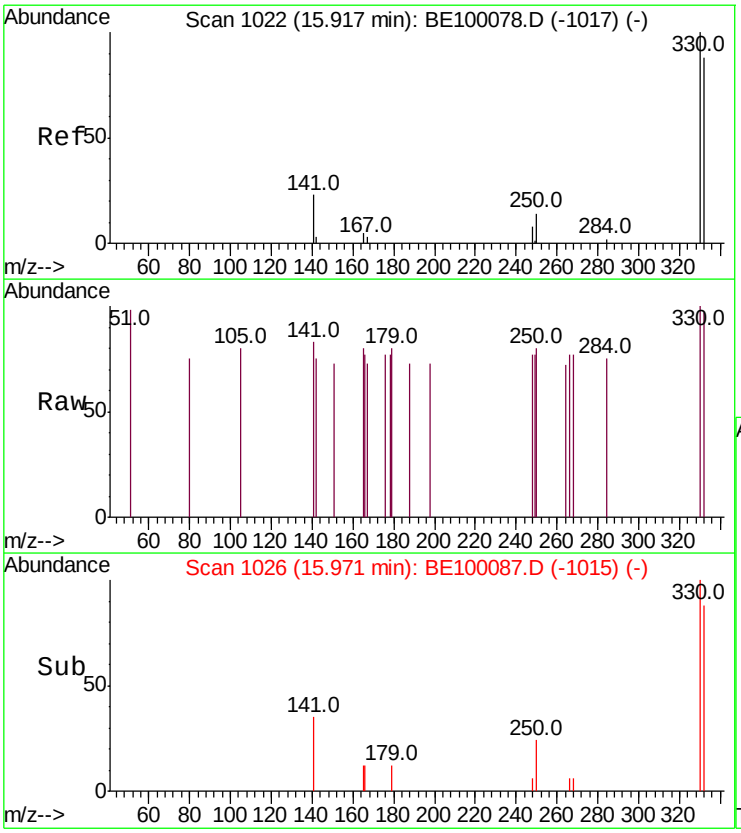
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.43 min Scan# 917
Delta R.T. 0.01 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tgt Ion:164 Resp: 1283

Ion	Ratio	Lower	Upper
164	100		
162	97.1	78.2	117.2
160	65.5	45.6	68.4

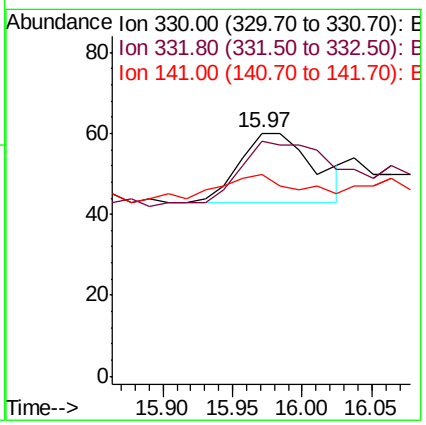


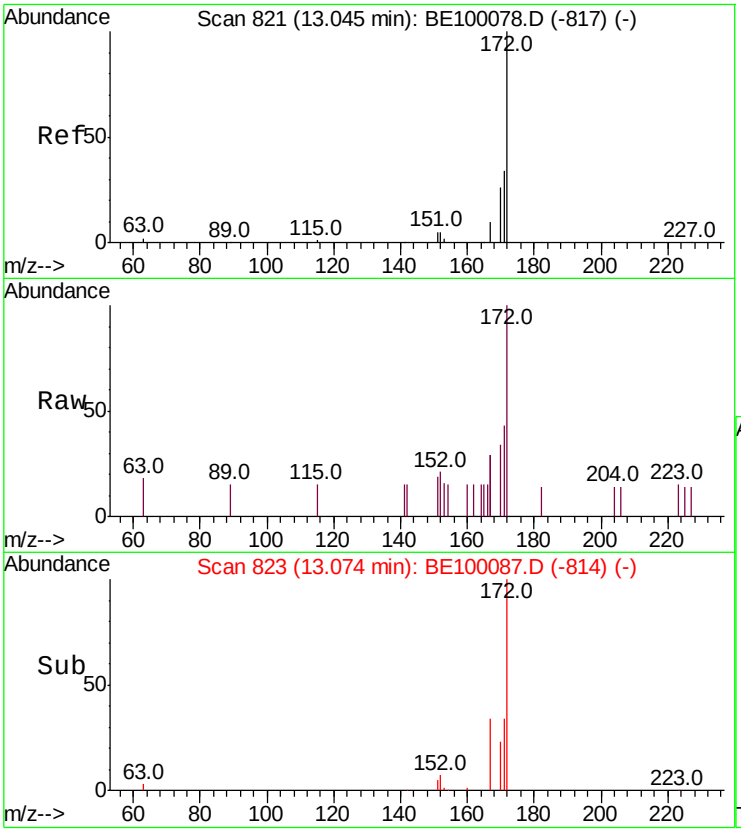


#14
2,4,6-Tribromophenol
Concen: 0.089 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.05 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Tgt Ion:330 Resp: 63

Ion	Ratio	Lower	Upper
330	100		
332	114.3	73.3	109.9#
141	47.6	22.2	33.2#



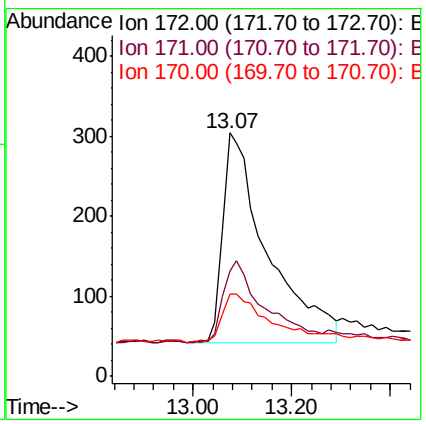


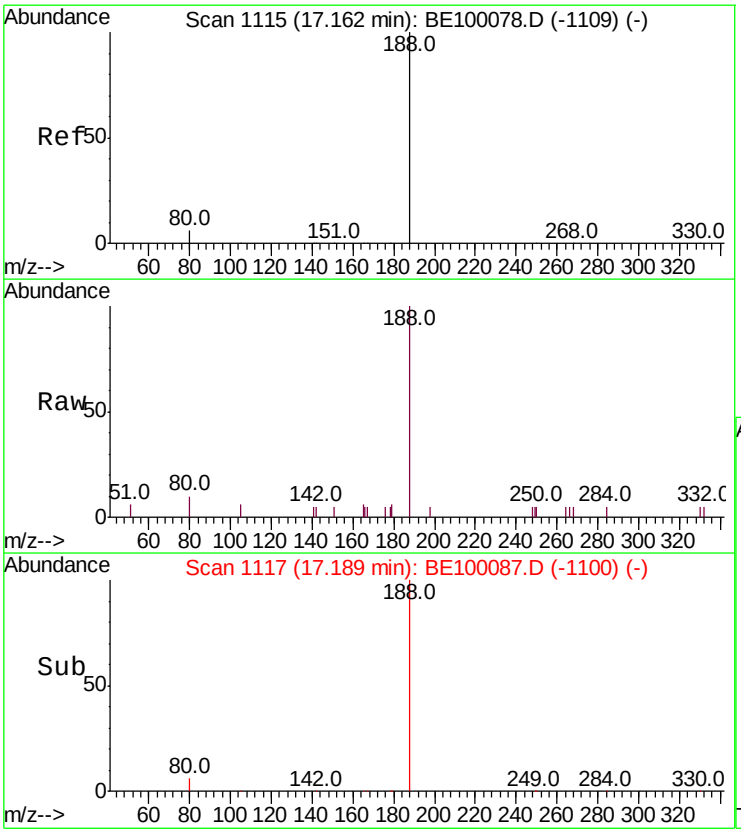
#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.07 min Scan# 823
Delta R.T. 0.03 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tgt Ion:172 Resp: 1631

Ion	Ratio	Lower	Upper
172	100		
171	43.4	29.8	44.8
170	33.9	23.2	34.8

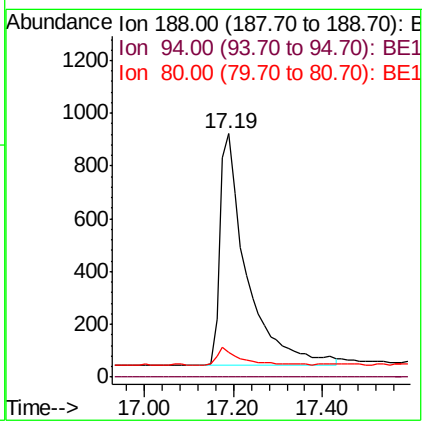


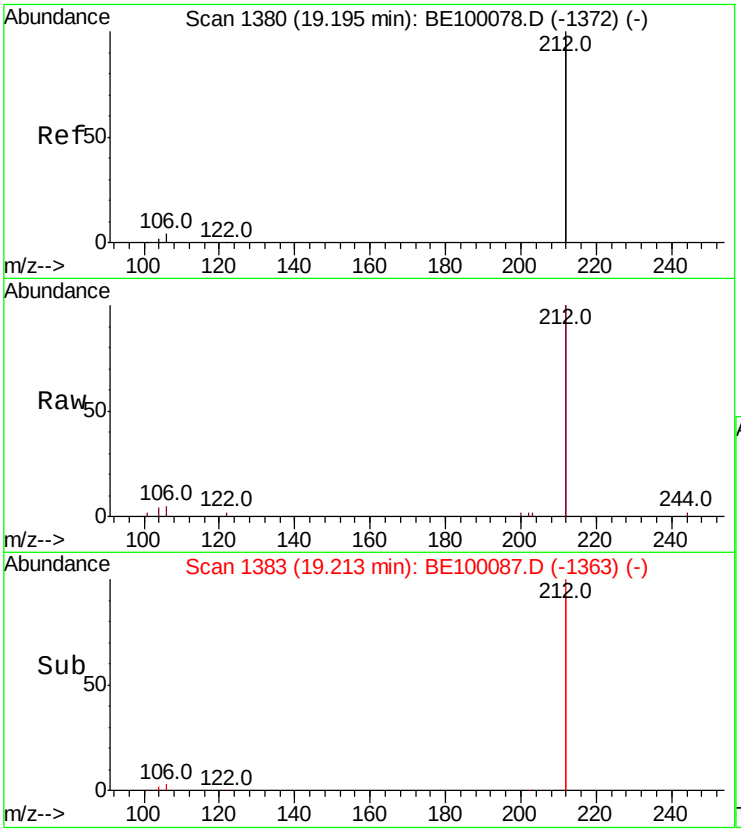


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.03 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Tgt Ion:188 Resp: 3650

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	6.3	9.5#



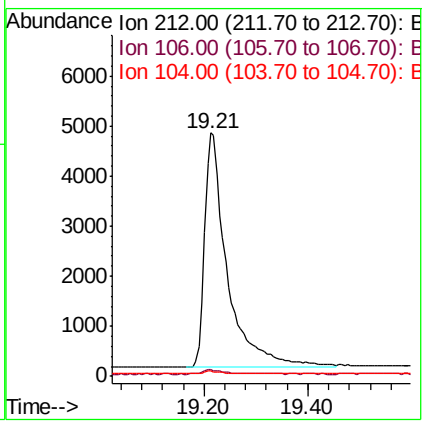


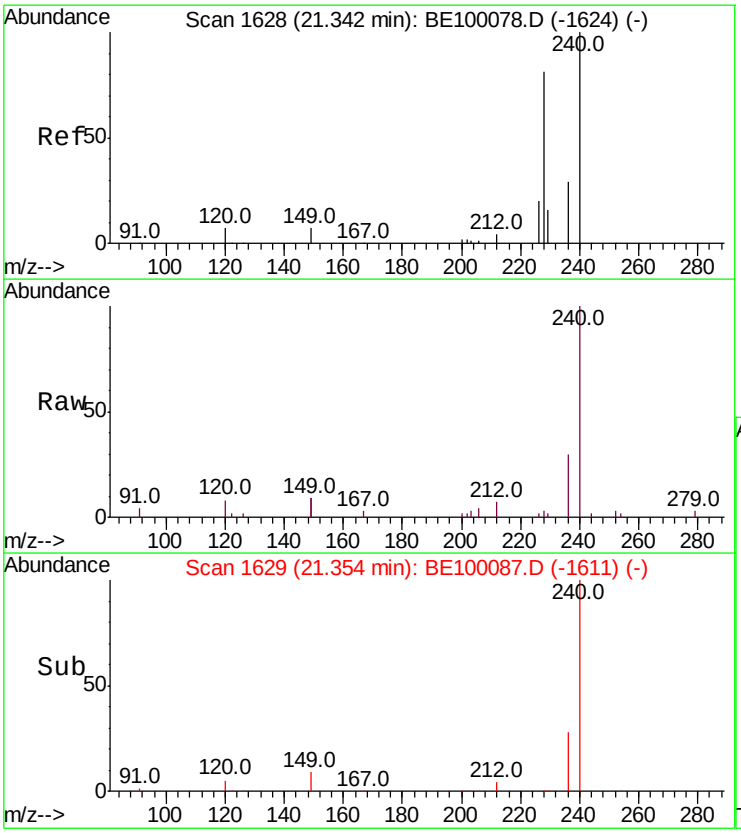
#25
Fluoranthene-d10
Concen: 0.274 ng
RT: 19.21 min Scan# 1383
Delta R.T. 0.02 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tgt Ion:212 Resp: 14277

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.0
104	0.9	0.8	1.2

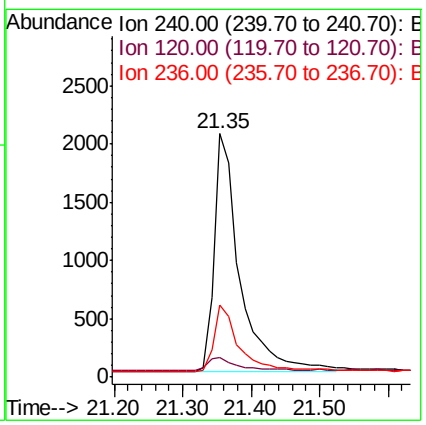


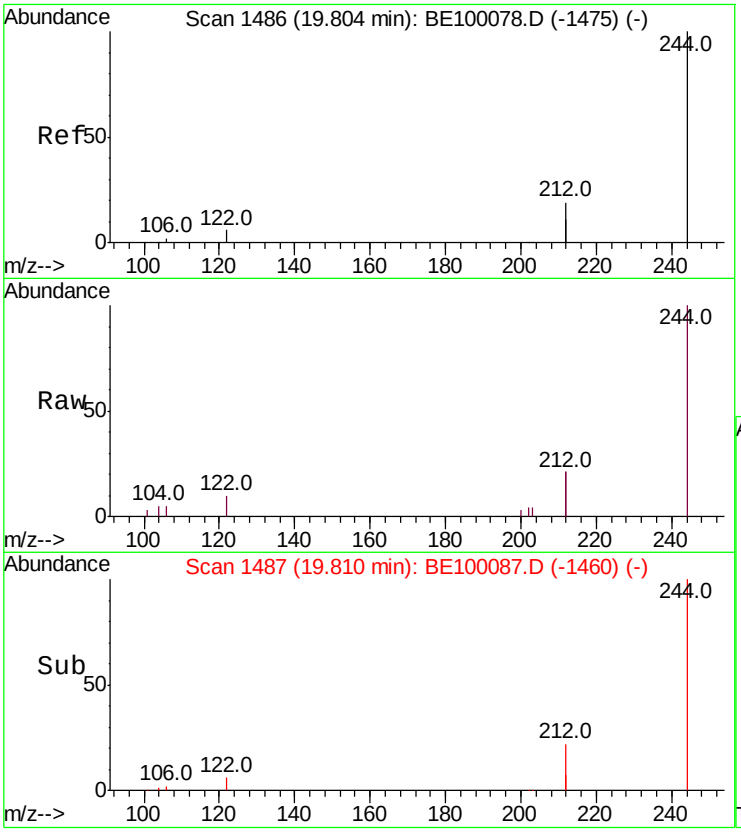


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Tgt Ion:240 Resp: 5297

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.6	10.0
236	29.6	23.8	35.6



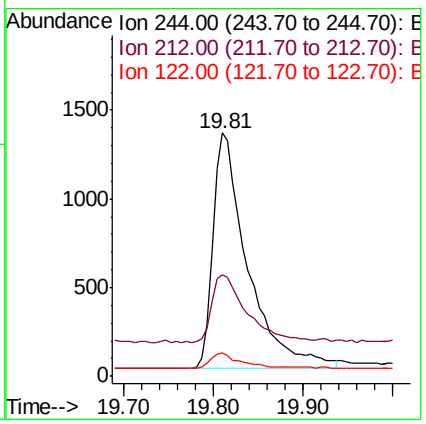


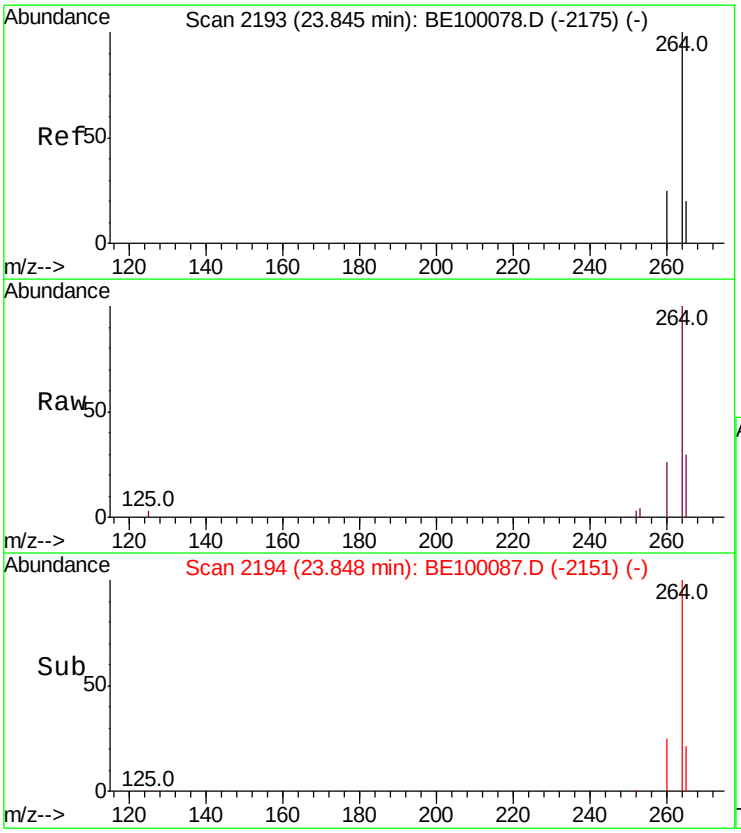
#29
Terphenyl-d14
Concen: 0.335 ng
RT: 19.81 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tgt Ion:244 Resp: 3551

Ion	Ratio	Lower	Upper
244	100		
212	41.8	29.8	44.8
122	9.5	6.1	9.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Tgt Ion:264 Resp: 6906

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.8	31.2
265	29.7	23.2	34.8