Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
Data File : BE099671.D
Acq On : 20 May 2019 21:42
Operator : JU/SJ
Sample : PB119824BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB119824BL

Quant Time: May 21 07:05:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1570	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	4904	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	3273	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	9518	0.40	ng	0.01
27) Chrysene-d12	21.43	240	14077	0.40	ng	0.01
34) Perylene-d12	23.97	264	17368	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1391	0.35	ng	0.01
5) Phenol-d6	6.98	99	1741	0.33	ng	0.00
8) Nitrobenzene-d5	8.99	82	1247	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	3263	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.01	330	341	0.27	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	4684	0.38	ng	0.01
25) Fluoranthene-d10	19.27	212	52754	0.41	ng	0.00
29) Terphenyl-d14	19.87	244	11102	0.44	ng	0.00
Target Compounds						Qvalue

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

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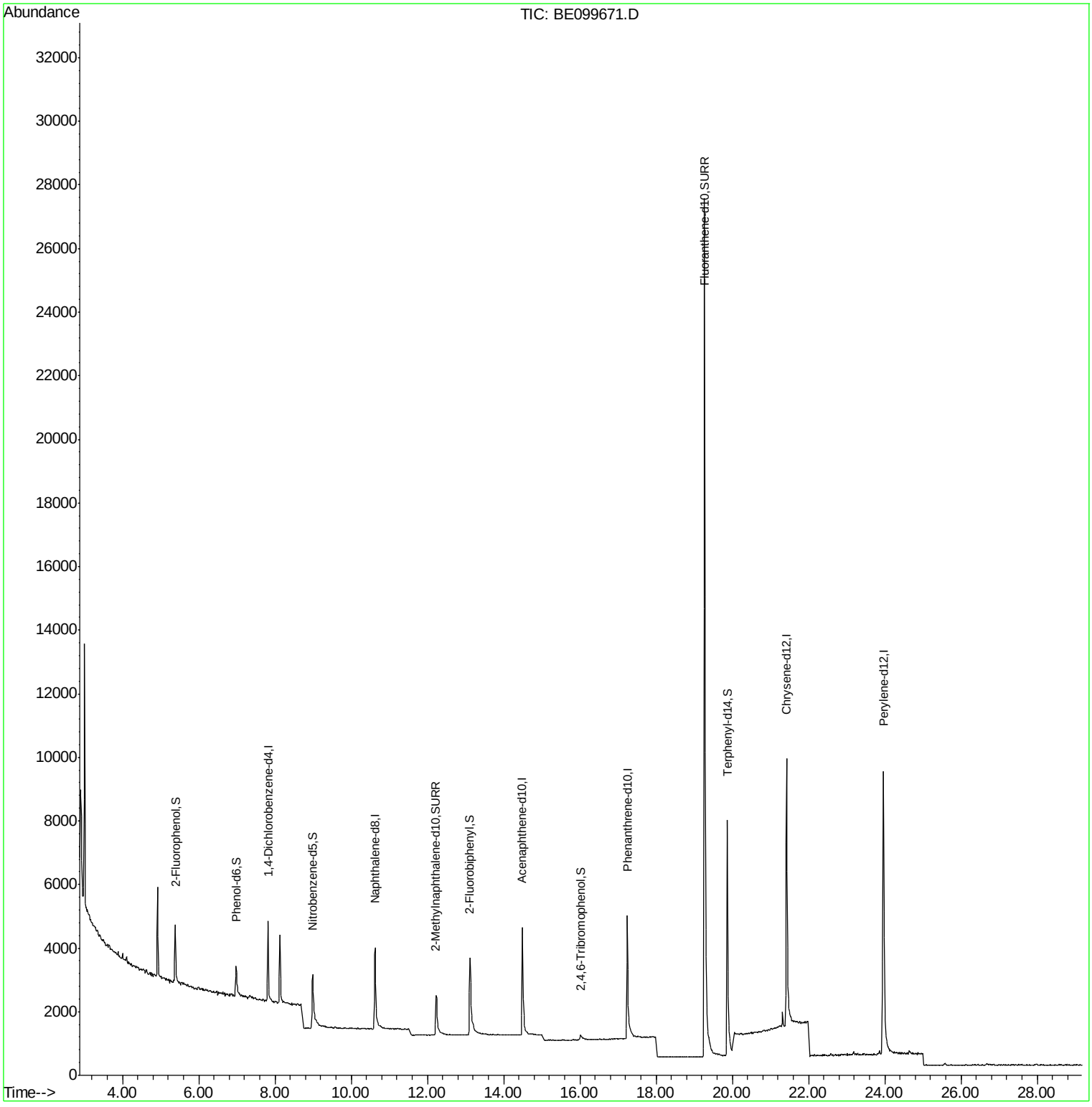
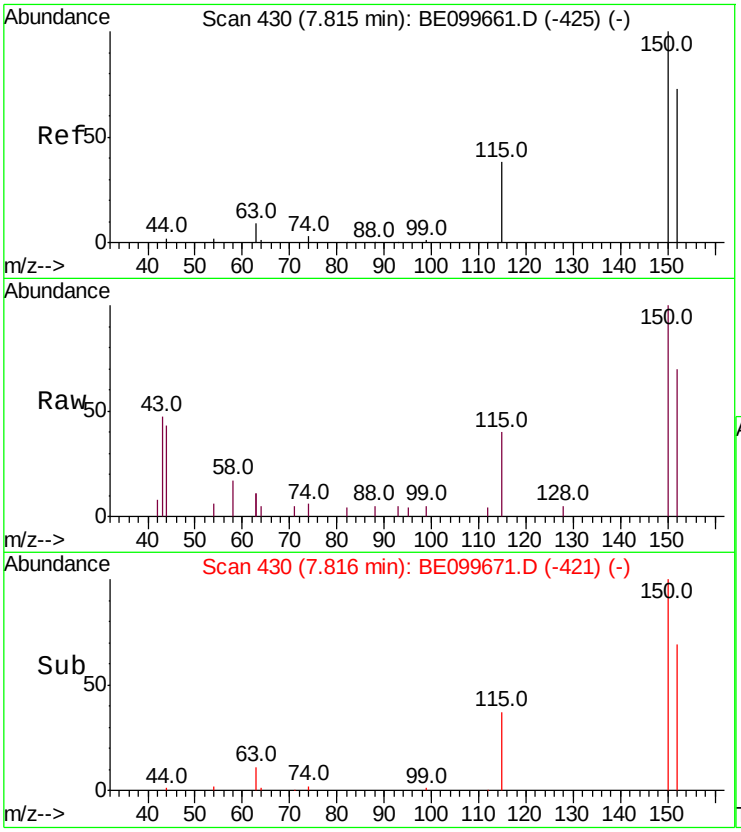


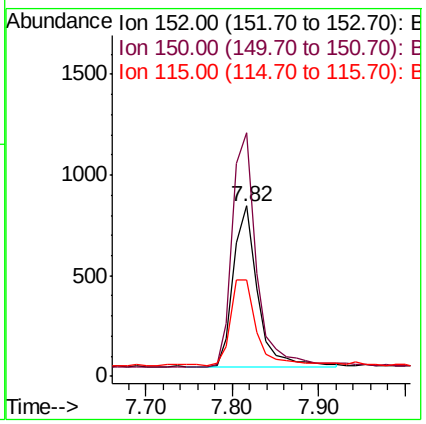


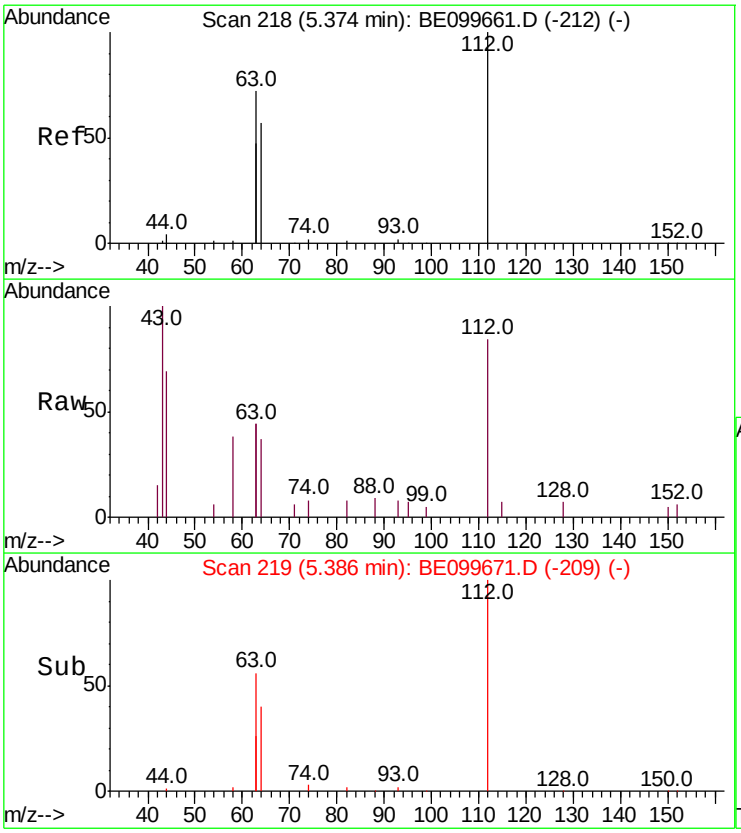
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Instrument :
BNA_E
ClientSampleId :
PB119824BL

Tgt Ion:152 Resp: 1570

Ion	Ratio	Lower	Upper
152	100		
150	142.9	109.2	163.8
115	56.9	43.7	65.5

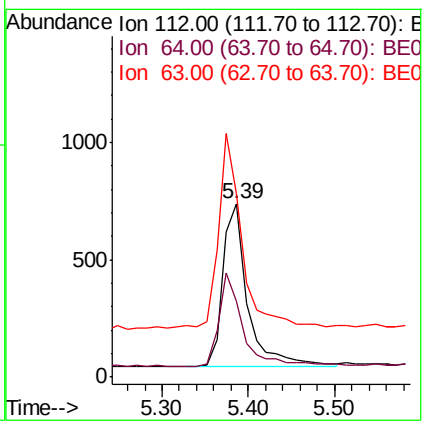


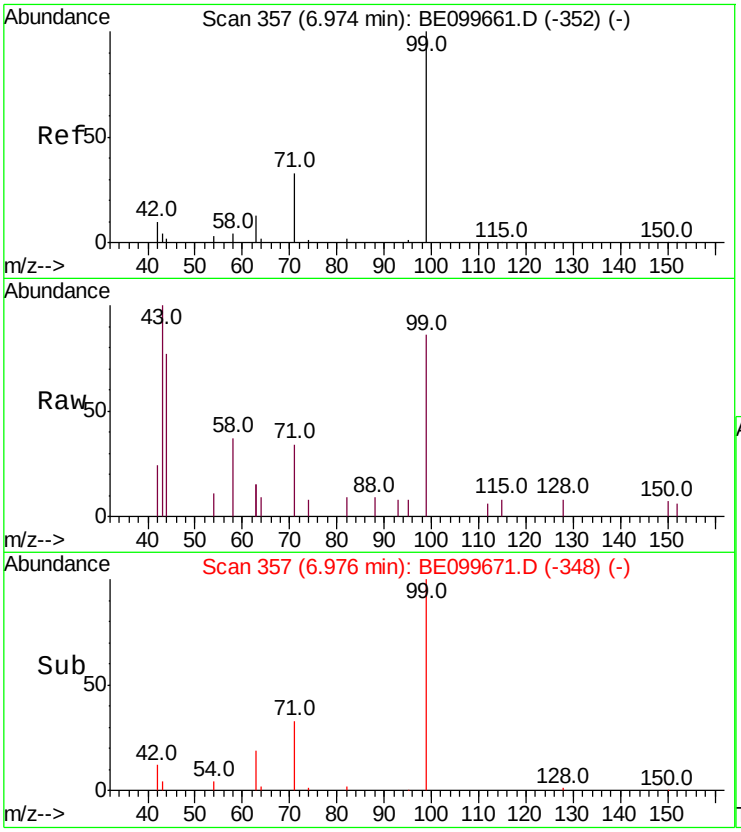


#4
2-Fluorophenol
Concen: 0.351 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.01 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Tgt Ion:112 Resp: 1391

Ion	Ratio	Lower	Upper
112	100		
64	55.7	43.4	65.2
63	111.8	96.9	145.3



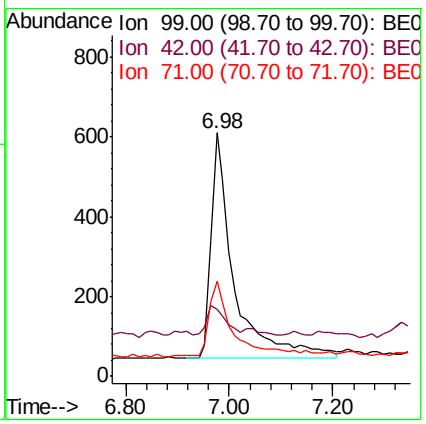


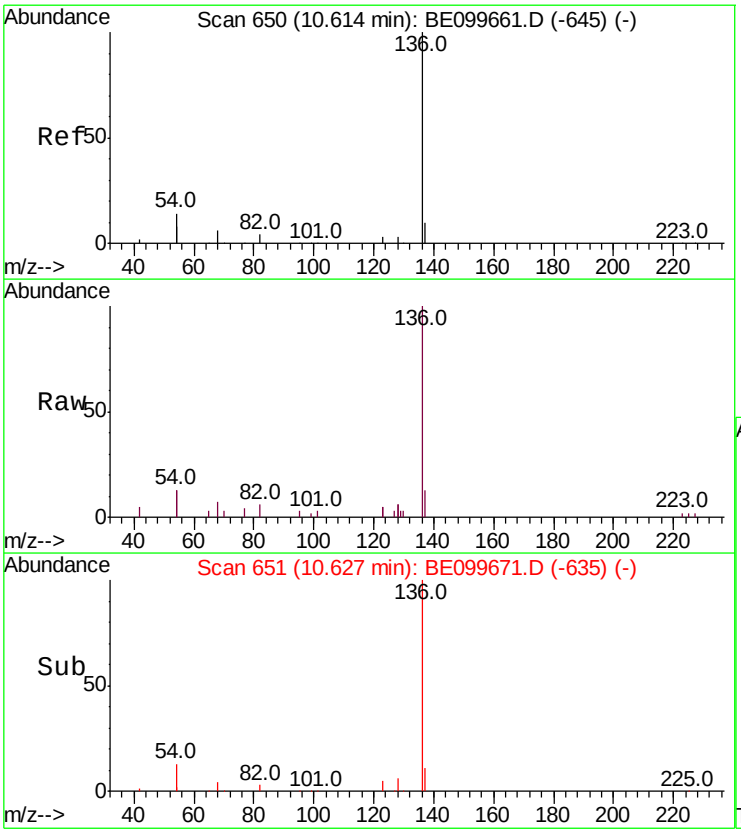
#5
Phenol-d6
Concen: 0.332 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Instrument :
BNA_E
ClientSampleId :
PB119824BL

Tgt Ion: 99 Resp: 1741

Ion	Ratio	Lower	Upper
99	100		
42	10.4	12.2	18.2#
71	33.4	28.9	43.3

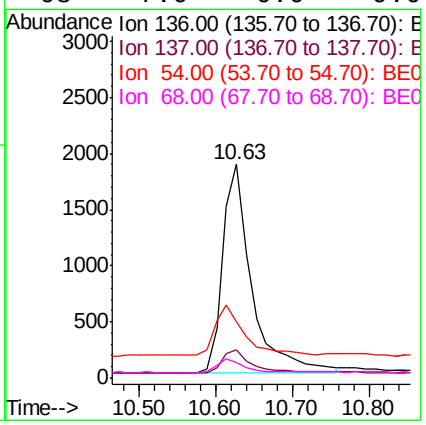


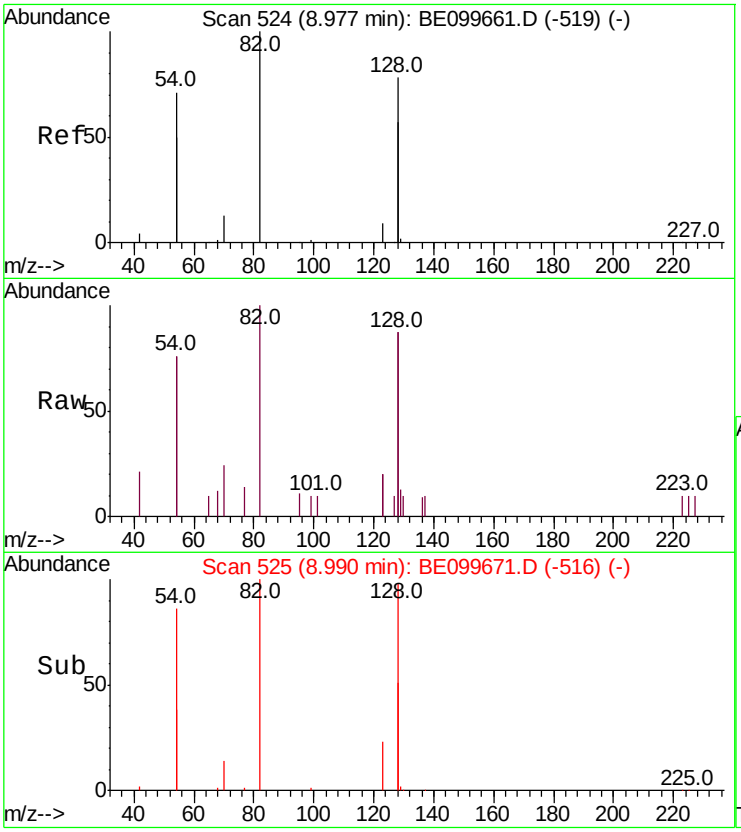


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.01 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Tgt Ion:136 Resp: 4904

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.0	13.6
54	26.2	22.3	33.5
68	7.0	6.0	9.0



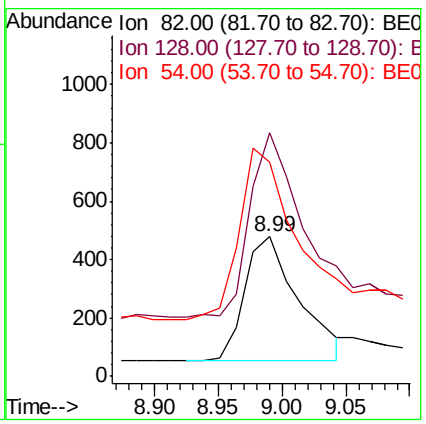


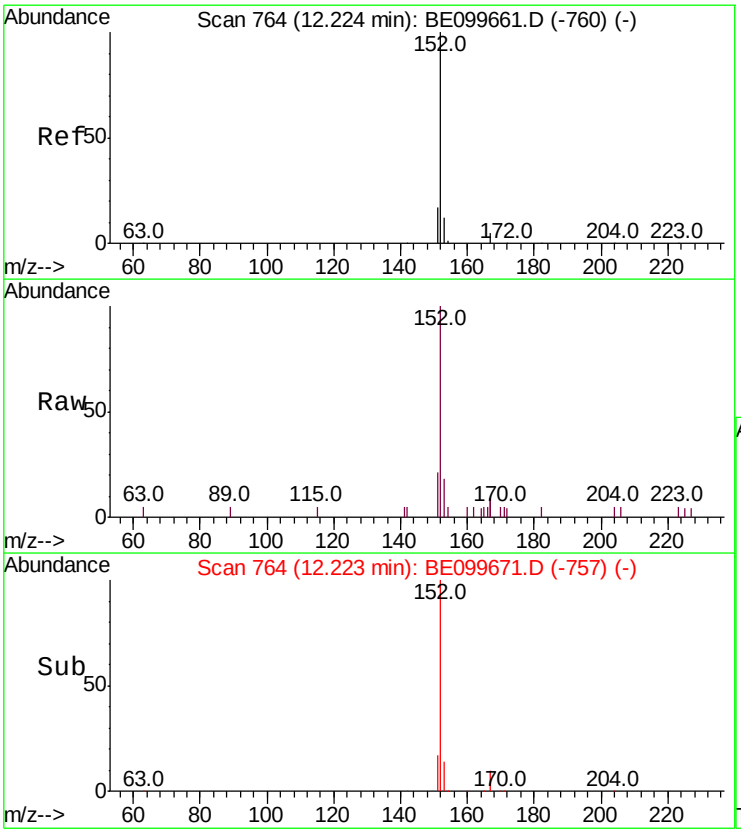
#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.01 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Instrument :
BNA_E
ClientSampleId :
PB119824BL

Tgt Ion: 82 Resp: 1247

Ion	Ratio	Lower	Upper
82	100		
128	174.1	117.7	176.5
54	152.8	106.6	160.0

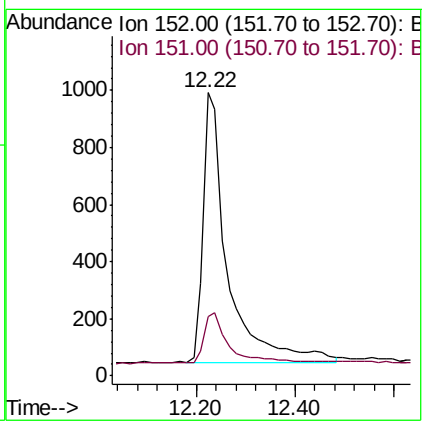


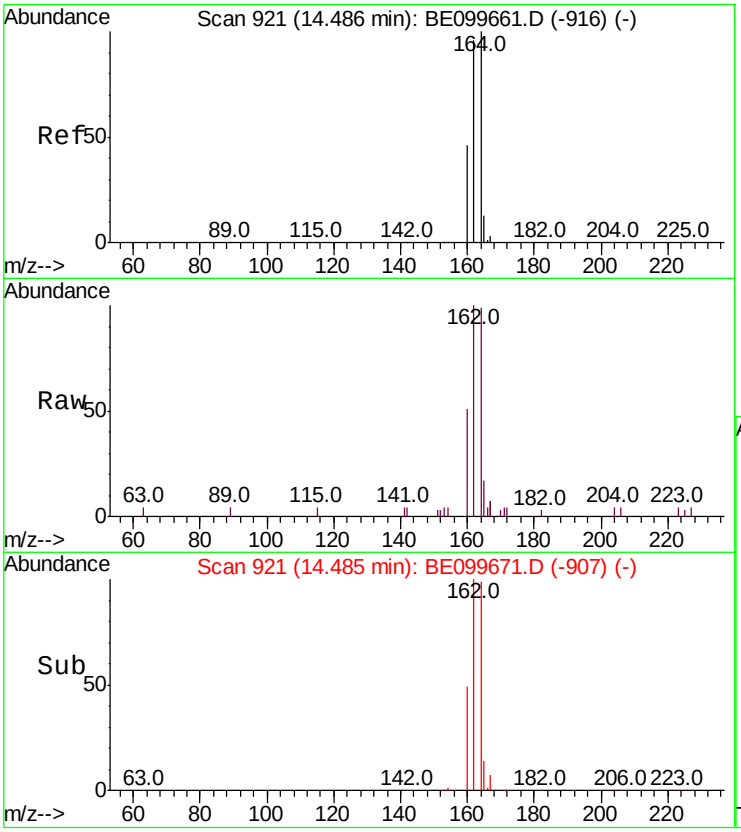


#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Tgt Ion:152 Resp: 3263

Ion	Ratio	Lower	Upper
152	100		
151	18.1	15.0	22.4



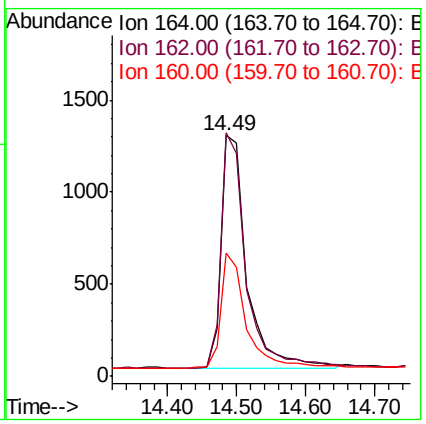


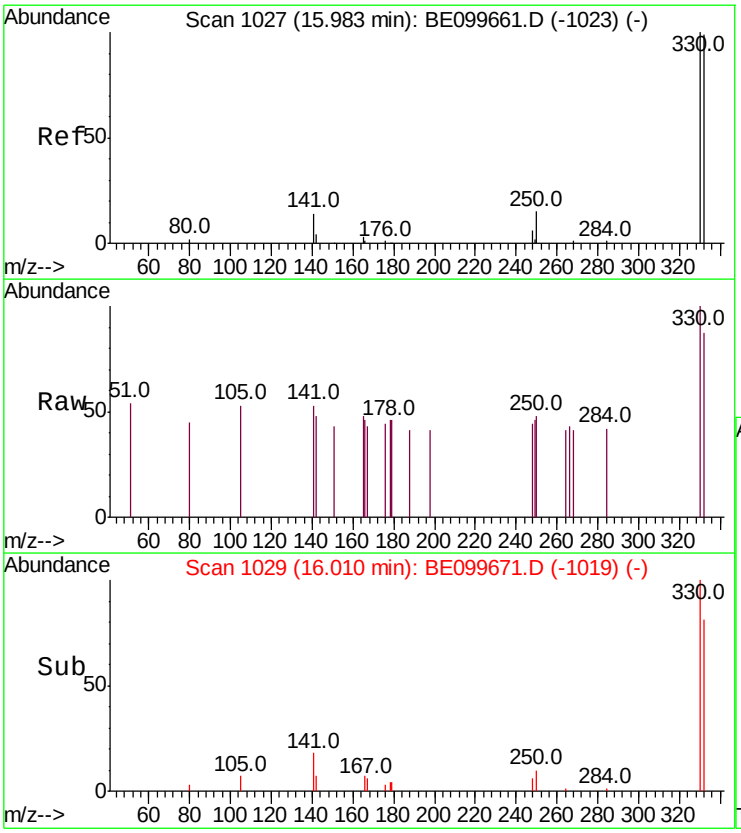
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Instrument :
BNA_E
ClientSampleId :
PB119824BL

Tgt Ion:164 Resp: 3273

Ion	Ratio	Lower	Upper
164	100		
162	101.1	76.5	114.7
160	51.3	37.4	56.2

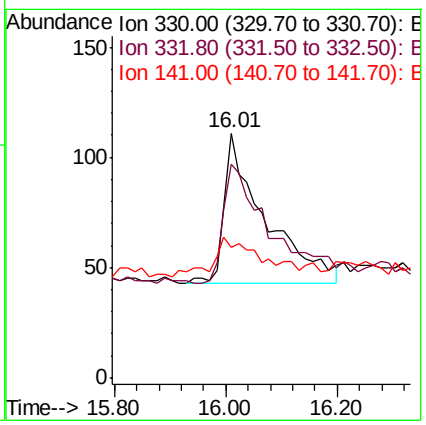


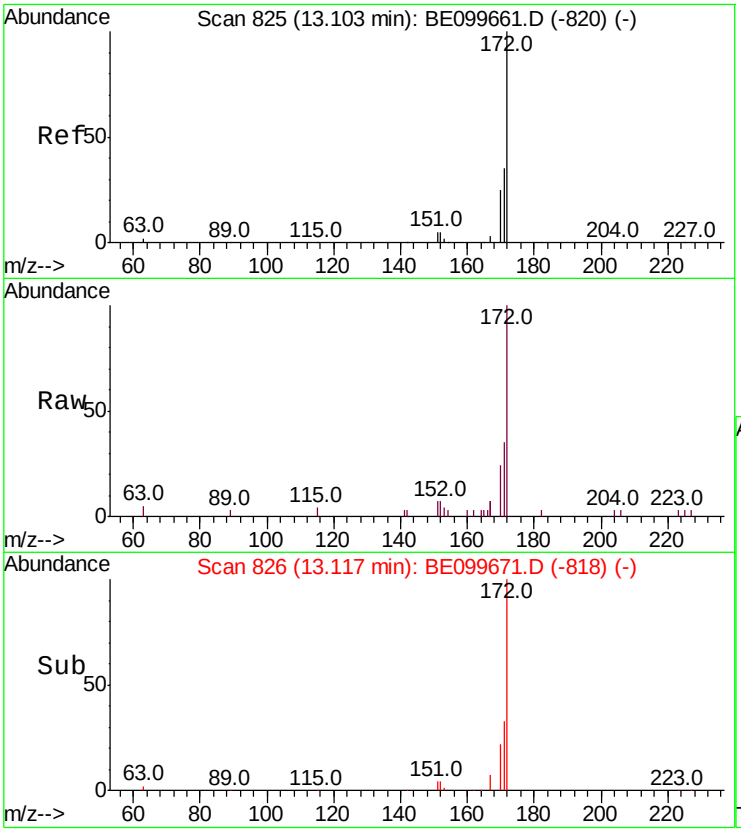


#14
2,4,6-Tribromophenol
Concen: 0.274 ng
RT: 16.01 min Scan# 1029
Delta R.T. 0.03 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Tgt Ion:330 Resp: 341

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	33.7	18.9	28.3#



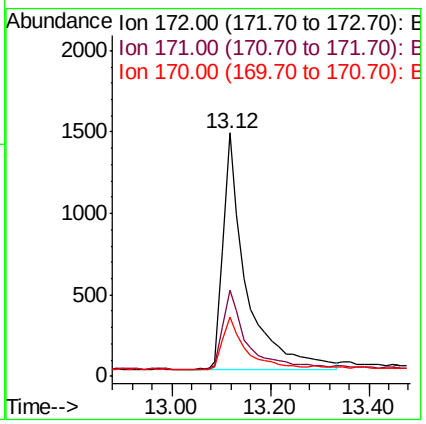


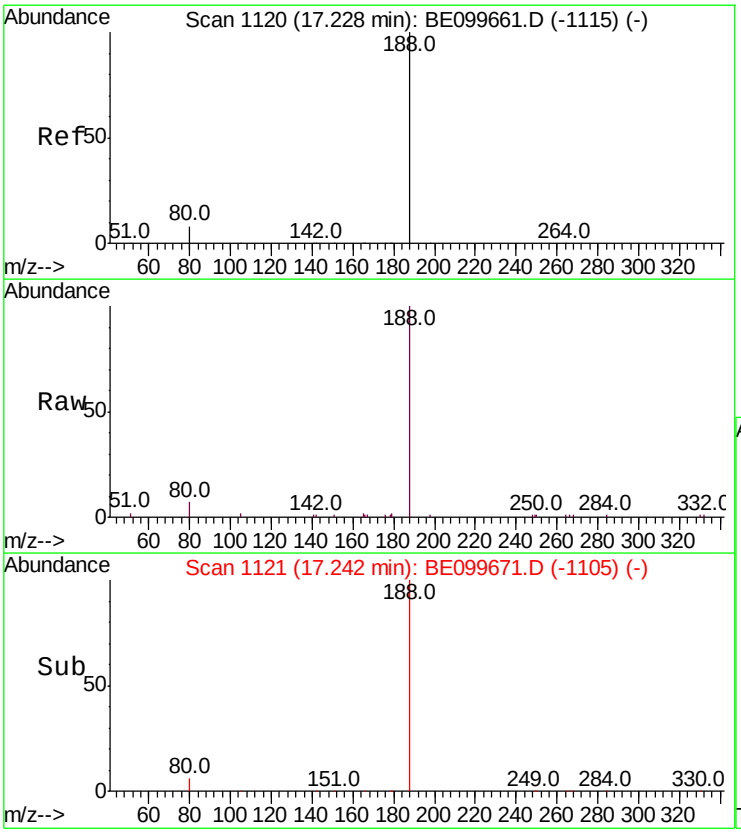
#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Instrument :
BNA_E
ClientSampleId :
PB119824BL

Tgt Ion:172 Resp: 4684

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	24.3	20.9	31.3

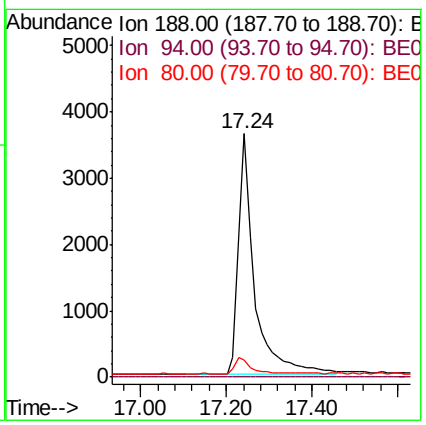


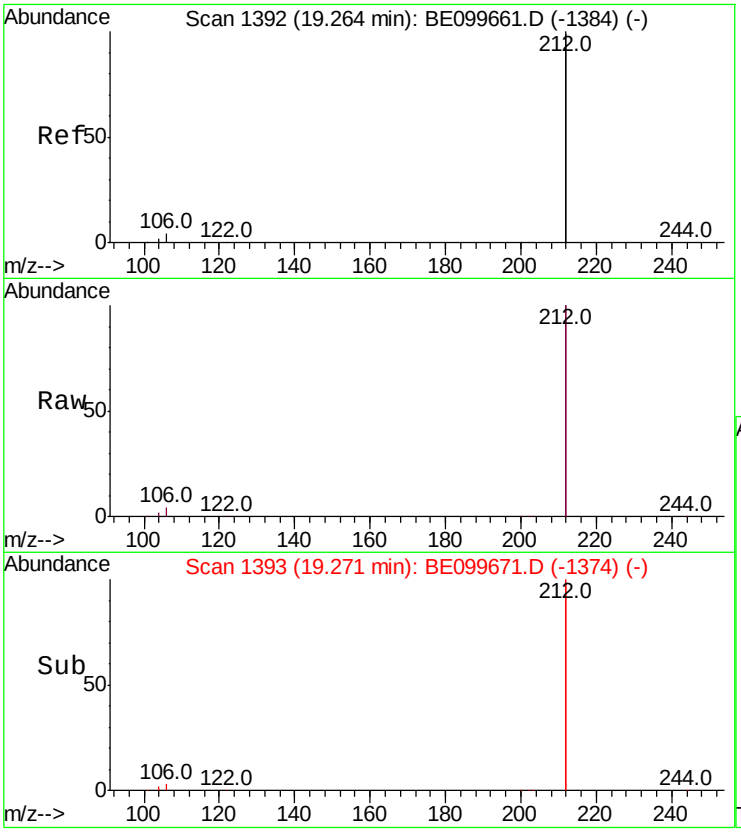


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Tgt Ion:188 Resp: 9518

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	6.7	10.1



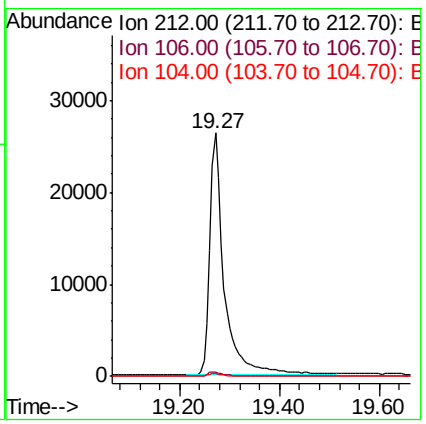


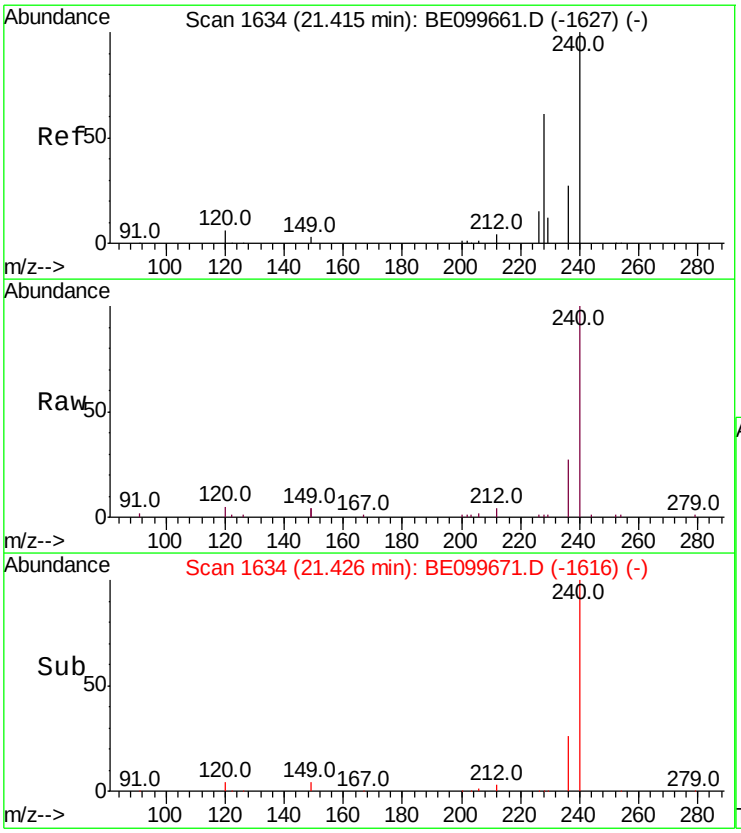
#25
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Instrument :
BNA_E
ClientSampleId :
PB119824BL

Tgt Ion:212 Resp: 52754

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.2
104	1.0	0.8	1.2

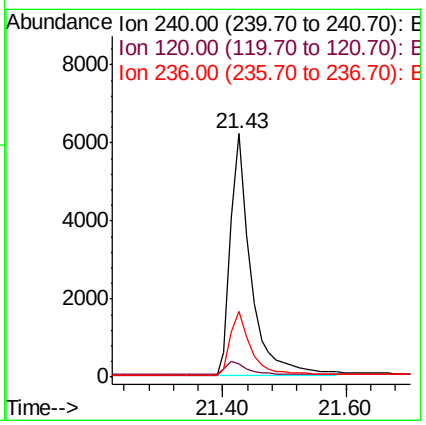


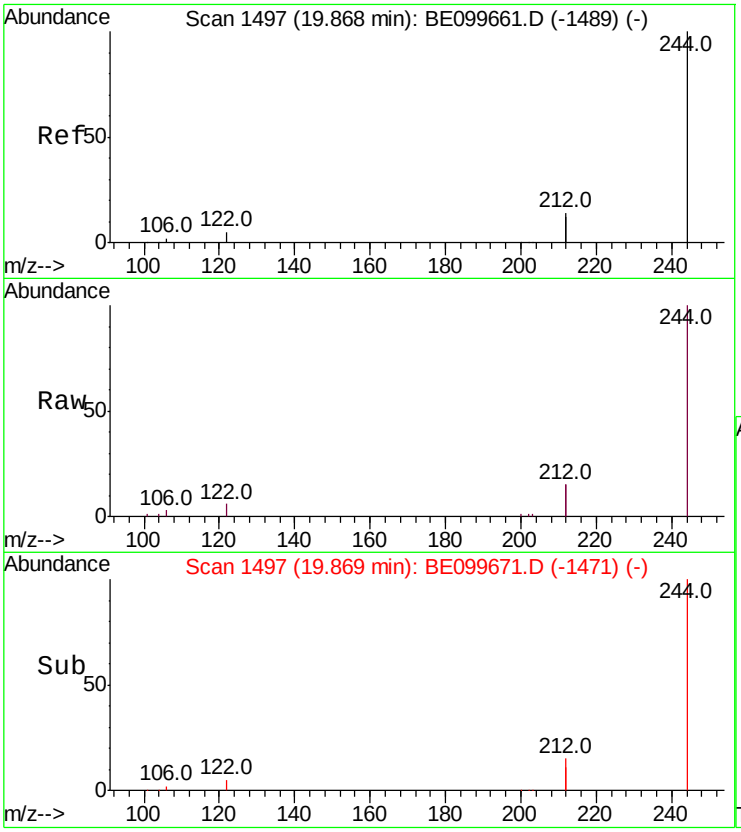


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Tgt Ion:240 Resp: 14077

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.4	8.0#
236	27.0	21.7	32.5



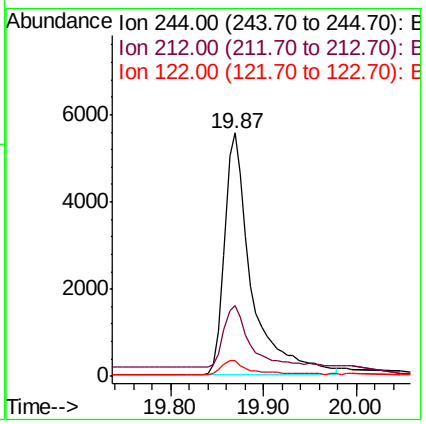


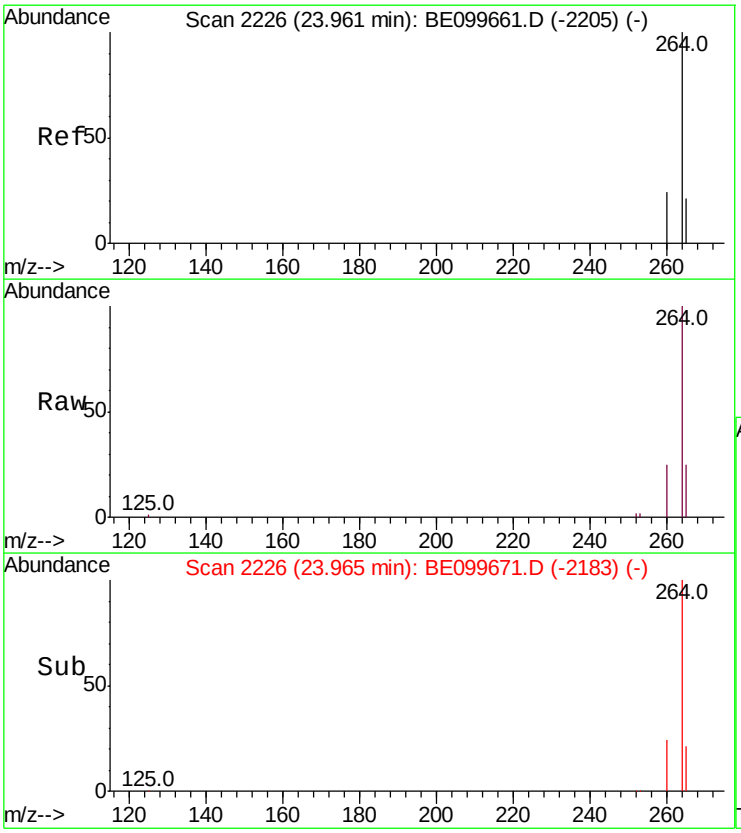
#29
Terphenyl-d14
Concen: 0.442 ng
RT: 19.87 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Instrument :
BNA_E
ClientSampleId :
PB119824BL

Tgt Ion:244 Resp: 11102

Ion	Ratio	Lower	Upper
244	100		
212	29.3	22.5	33.7
122	6.3	4.3	6.5





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Tgt Ion:264 Resp: 17368

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	25.4	19.1	28.7