Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
Data File : BM036217.D
Acq On : 11 Aug 2022 19:59
Operator : CG/JU
Sample : N4102-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Quant Time: Aug 12 02:18:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 22:19:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	323354	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	1416361	20.000	ng	-0.01
39) Acenaphthene-d10	14.469	164	871720	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	1721329	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1327548	20.000	ng	0.00
86) Perylene-d12	23.739	264	1181829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1846376	92.575	ng	-0.01
7) Phenol-d6	7.022	99	2505600	98.731	ng	-0.01
23) Nitrobenzene-d5	8.998	82	1571275	62.099	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1022523	99.988	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3693187	62.553	ng	0.00
79) Terphenyl-d14	19.845	244	5049837	75.029	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.681	128	405728	5.762	ng	100
37) 2-Methylnaphthalene	12.292	142	219338	4.681	ng	98
38) 1-Methylnaphthalene	12.510	142	162515	3.541	ng	100
52) Acenaphthene	14.533	154	113661	2.312	ng	96
71) Phenanthrene	17.257	178	304632	3.474	ng	98

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

Quantitation Report (LSC Reviewed)

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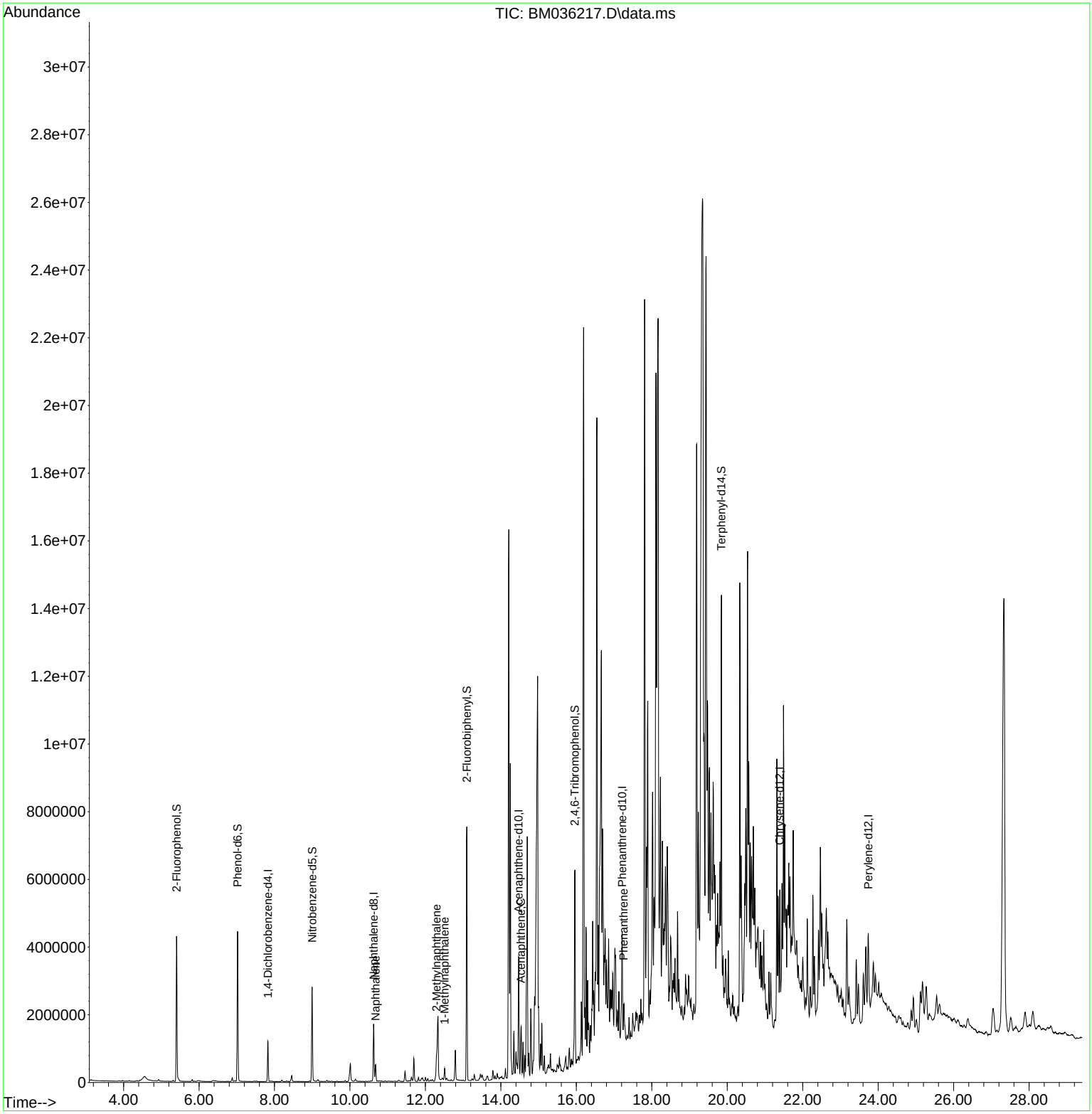
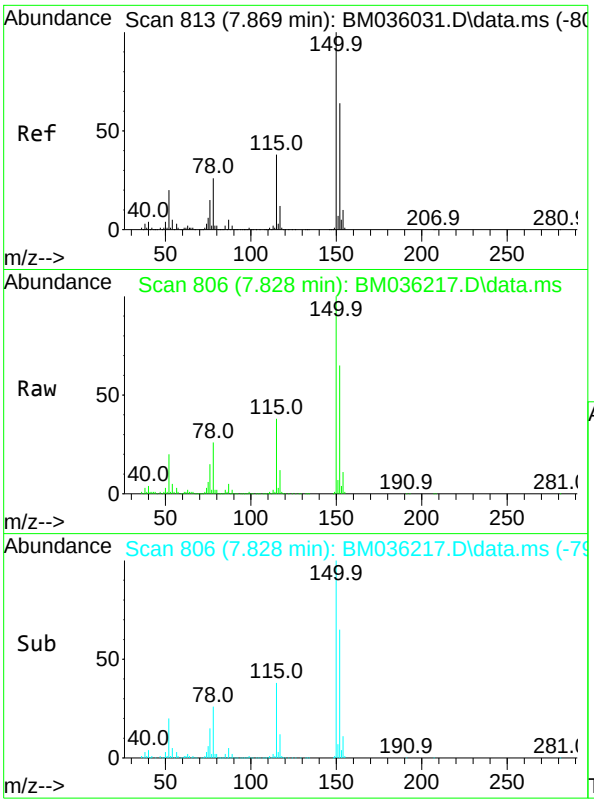


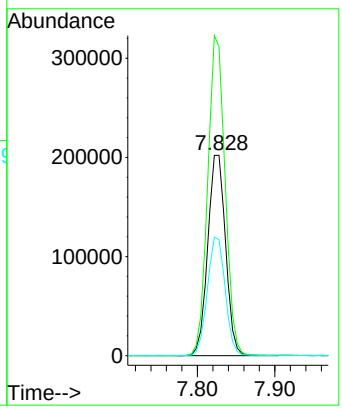


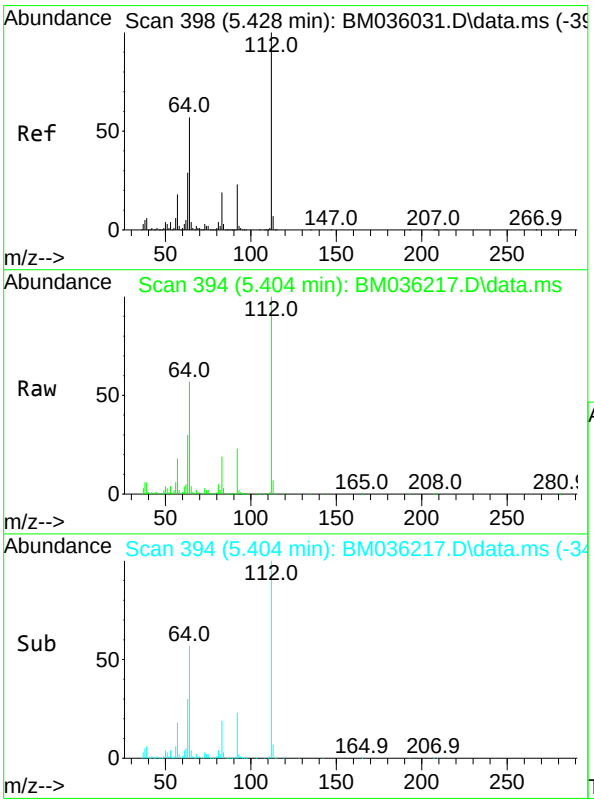
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Tgt Ion:152 Resp: 323354

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.9	187.3
115	58.0	47.9	71.9

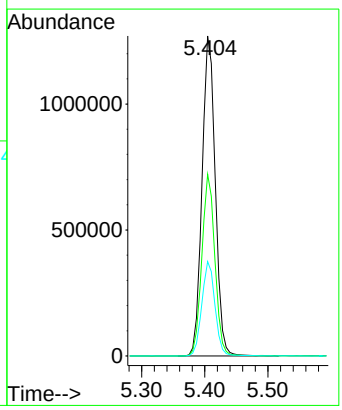


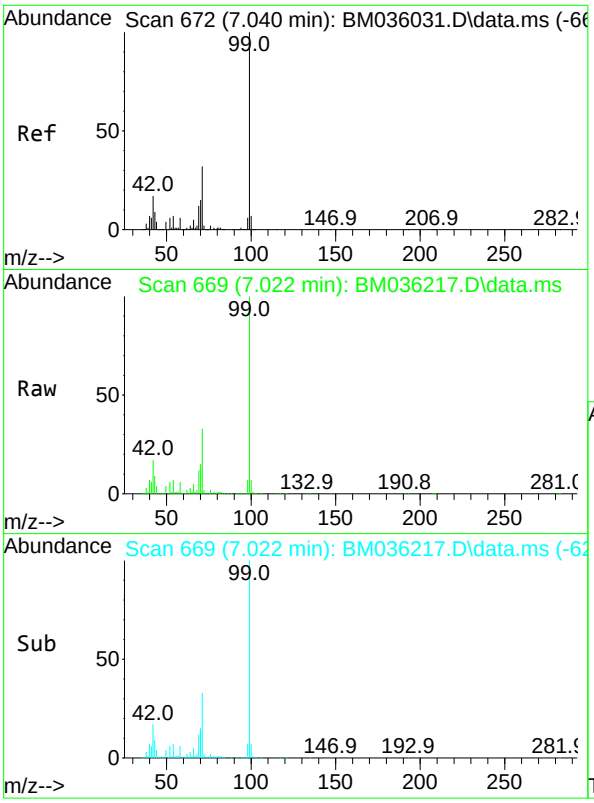


#5
2-Fluorophenol
Concen: 92.575 ng
RT: 5.404 min Scan# 394
Delta R.T. -0.012 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Tgt Ion:112 Resp: 1846376

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.8	71.6
63	29.5	26.6	40.0



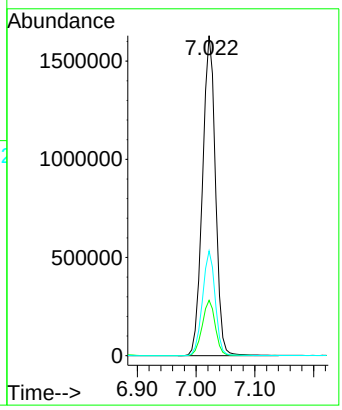


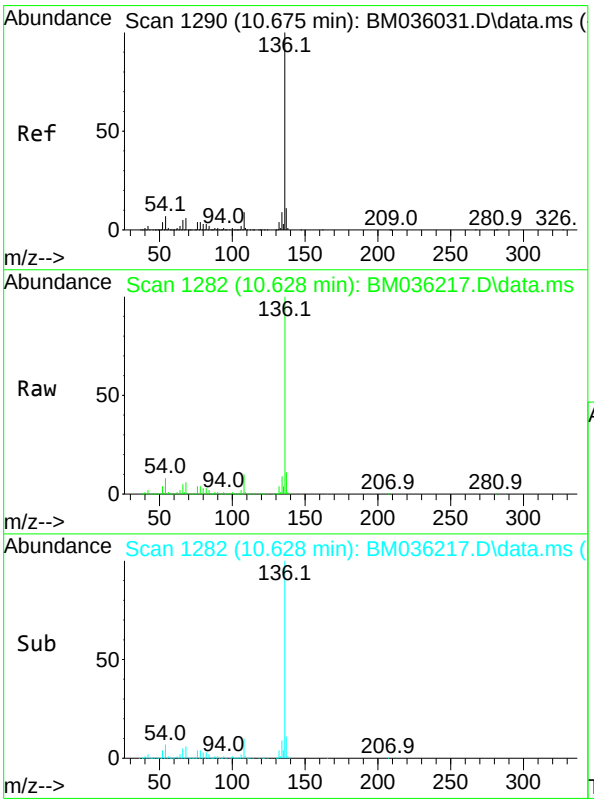
#7
Phenol-d6
Concen: 98.731 ng
RT: 7.022 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Tgt Ion: 99 Resp: 2505600

Ion	Ratio	Lower	Upper
99	100		
42	17.3	18.8	28.2#
71	32.8	30.2	45.2

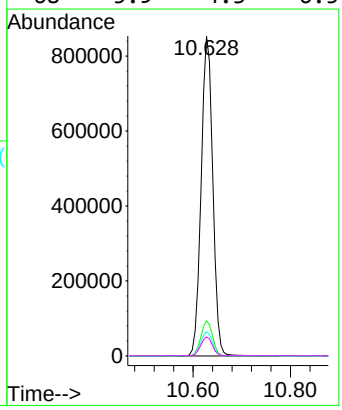


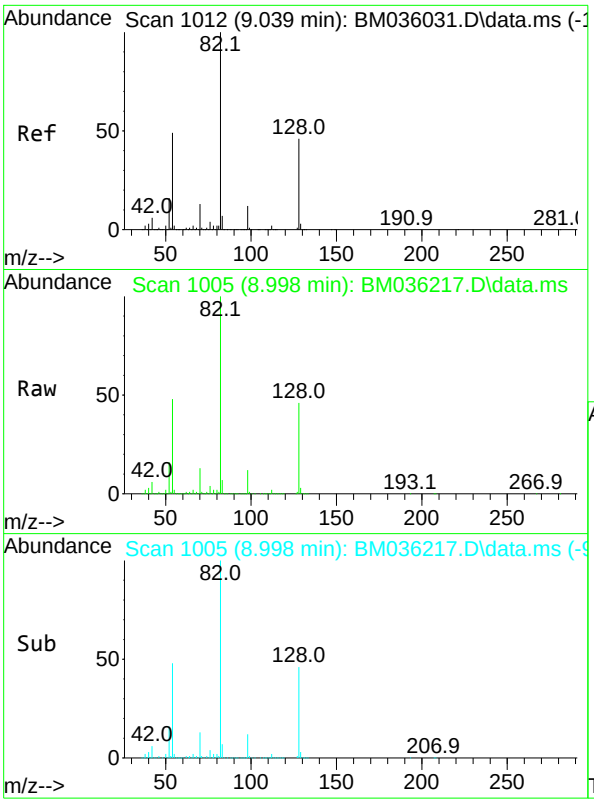


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Tgt Ion:136 Resp: 1416361

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	7.0	10.4
68	5.9	4.3	6.5



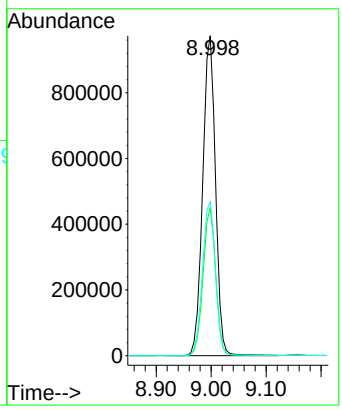


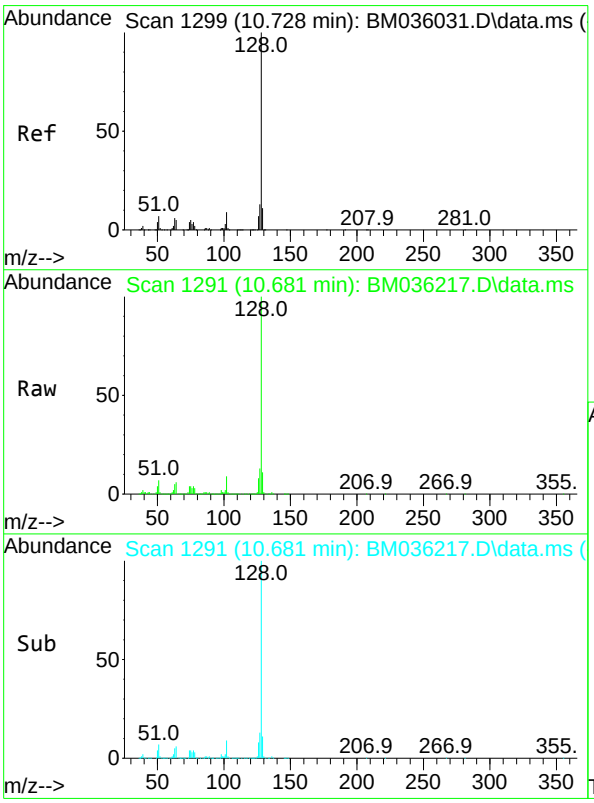
#23
Nitrobenzene-d5
Concen: 62.099 ng
RT: 8.998 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Tgt Ion: 82 Resp: 1571275

Ion	Ratio	Lower	Upper
82	100		
128	46.2	33.7	50.5
54	48.1	43.2	64.8

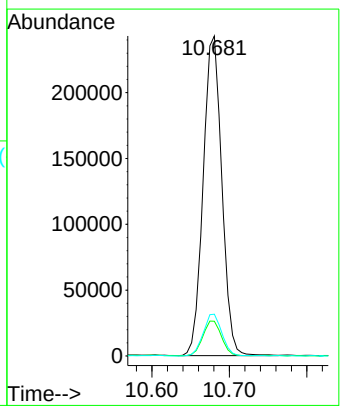


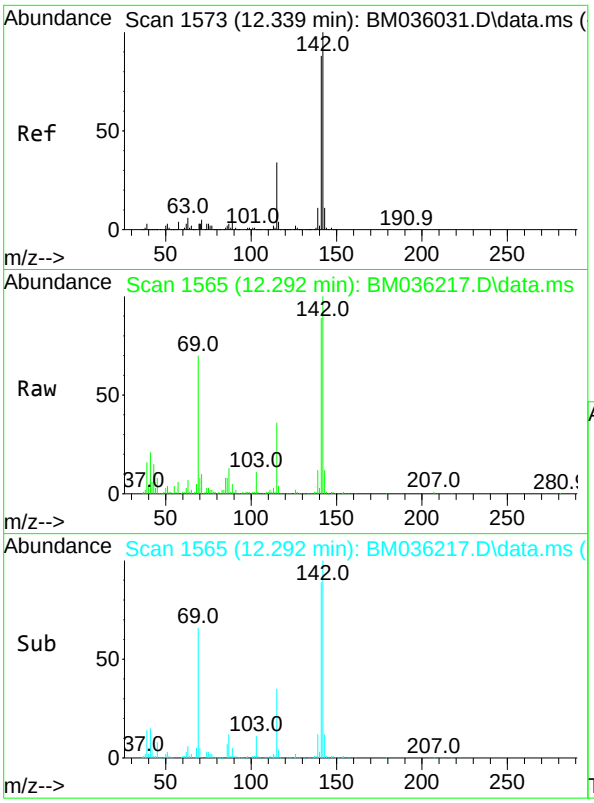


#31
Naphthalene
Concen: 5.762 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Tgt Ion:128 Resp: 405728

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.1	10.6	16.0



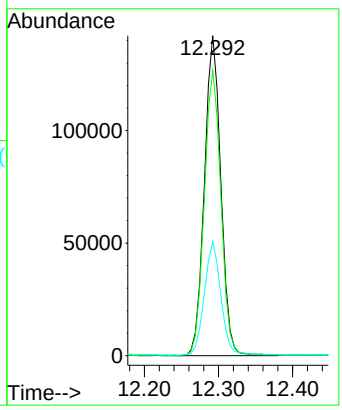


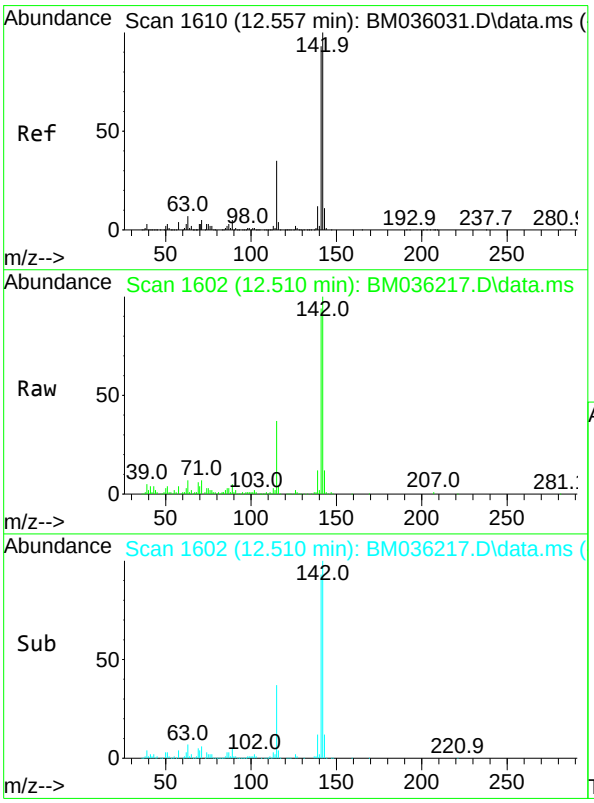
#37
2-Methylnaphthalene
Concen: 4.681 ng
RT: 12.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Tgt Ion:142 Resp: 219338

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.4	108.6
115	35.7	29.6	44.4

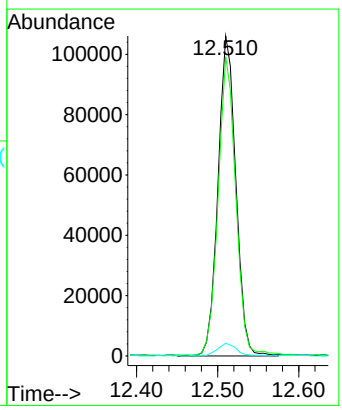


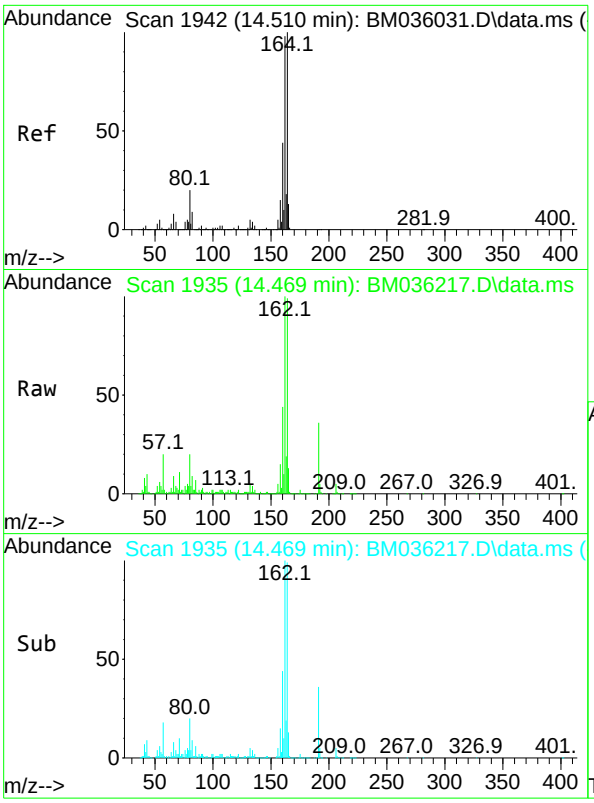


#38
1-Methylnaphthalene
Concen: 3.541 ng
RT: 12.510 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Tgt Ion:142 Resp: 162515

Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.0	112.4
116	3.9	3.4	5.2



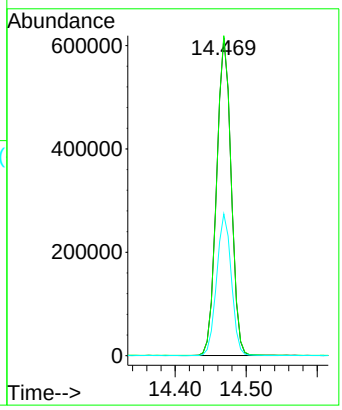


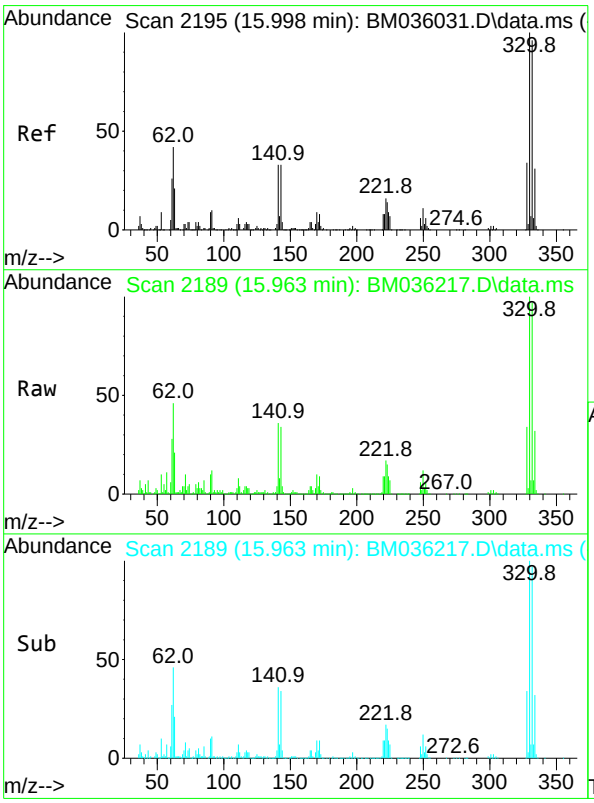
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Tgt Ion:164 Resp: 871720

Ion	Ratio	Lower	Upper
164	100		
162	100.6	83.0	124.6
160	44.6	37.0	55.4

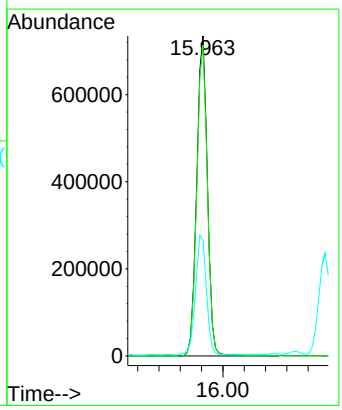


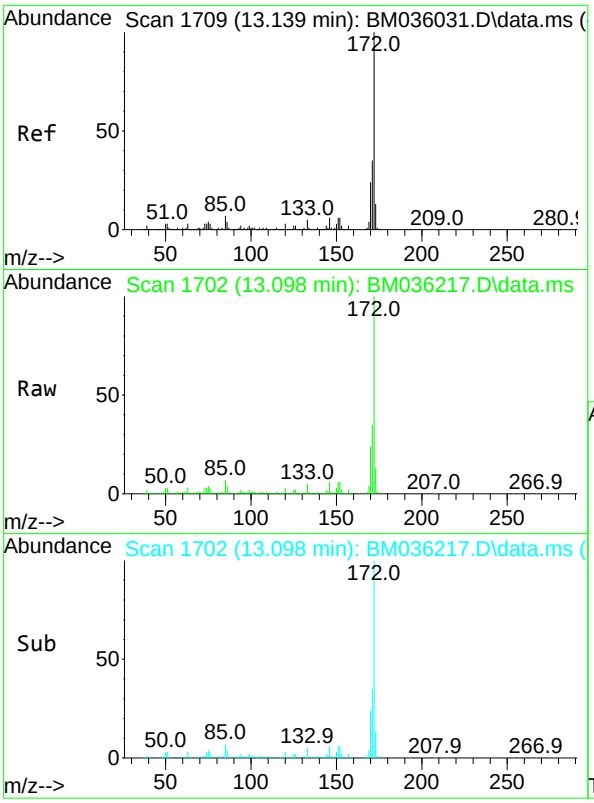


#42
2,4,6-Tribromophenol
Concen: 99.988 ng
RT: 15.963 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Tgt Ion:330 Resp: 1022523

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.4
141	38.3	35.3	52.9



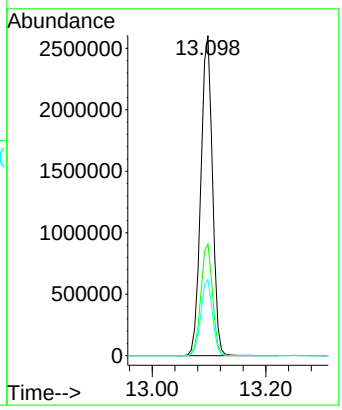


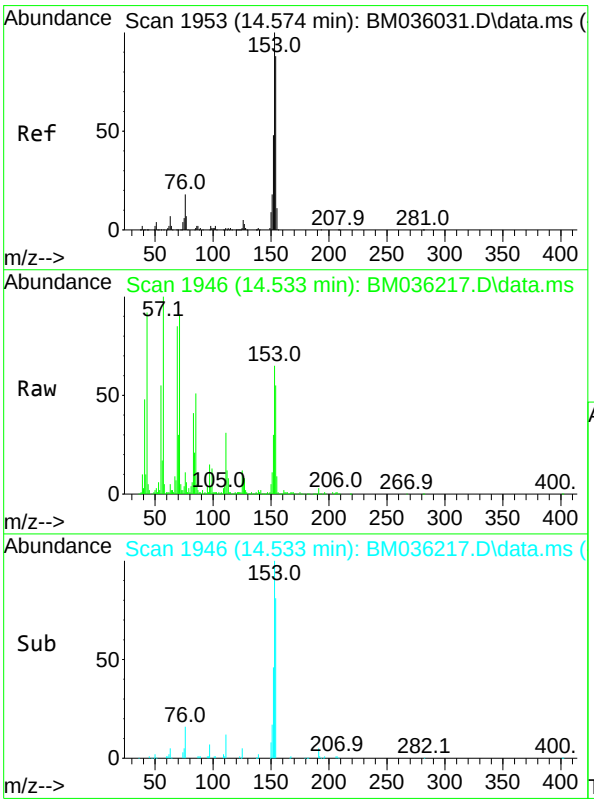
#45
2-Fluorobiphenyl
Concen: 62.553 ng
RT: 13.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Tgt Ion:172 Resp: 3693187

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.8	18.7	28.1

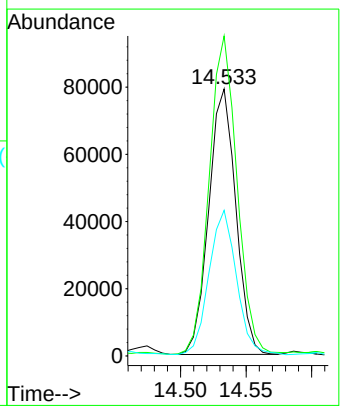


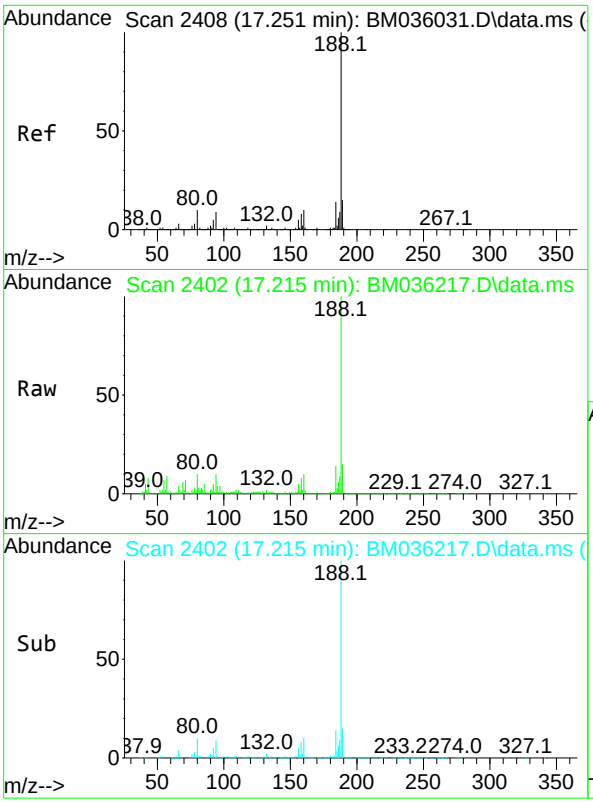


#52
Acenaphthene
Concen: 2.312 ng
RT: 14.533 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Tgt Ion:154 Resp: 113661

Ion	Ratio	Lower	Upper
154	100		
153	119.9	91.0	136.6
152	54.6	43.4	65.2



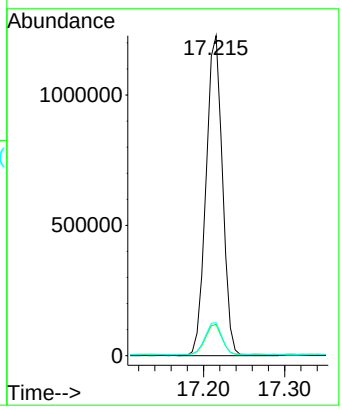


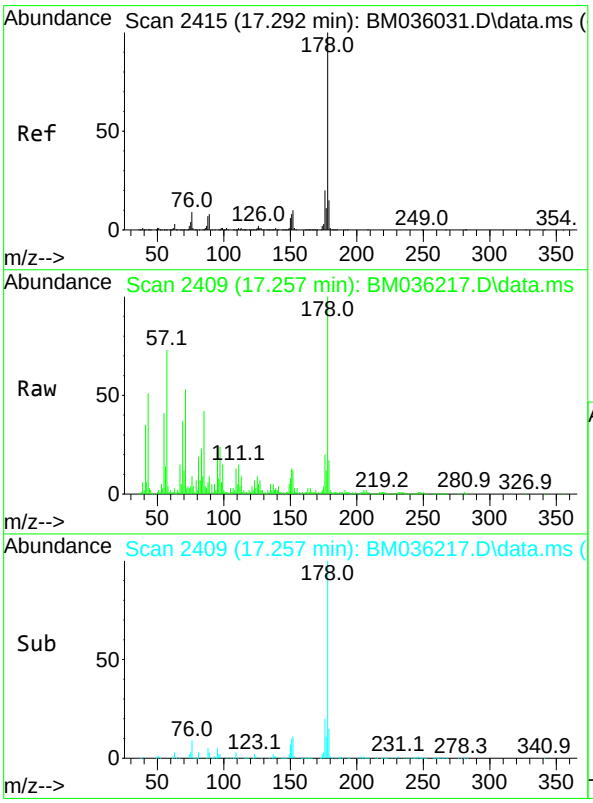
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Tgt Ion:188 Resp: 1721329

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.4
80	10.4	7.6	11.4

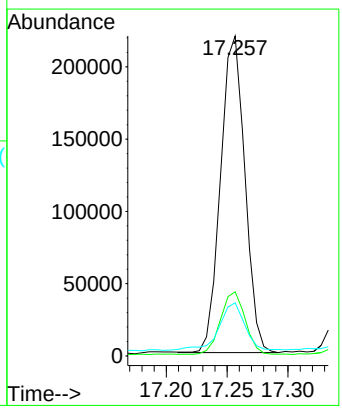


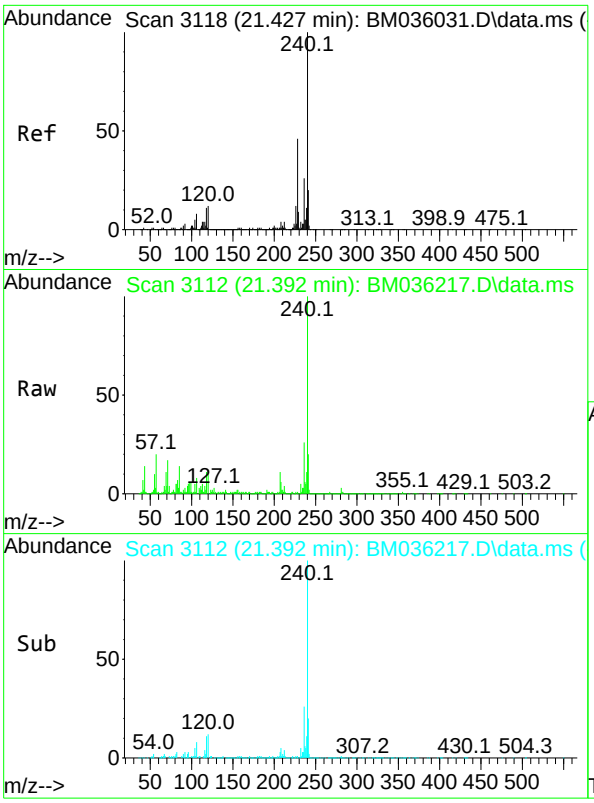


#71
Phenanthrene
Concen: 3.474 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Tgt Ion:178 Resp: 304632

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.0
179	16.6	12.4	18.6



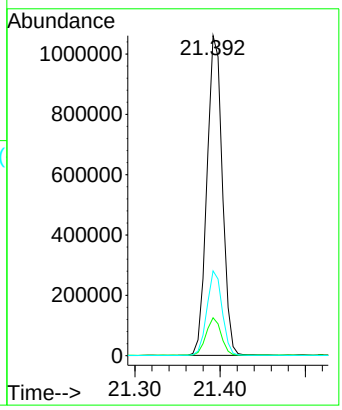


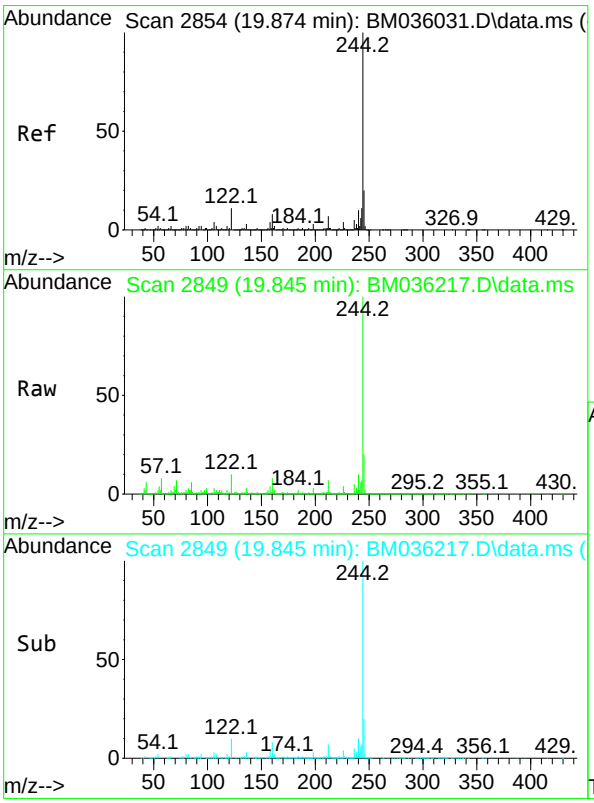
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Tgt Ion:240 Resp: 1327548

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.4	14.0
236	26.5	20.6	30.8

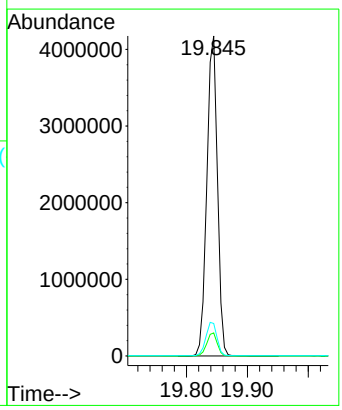


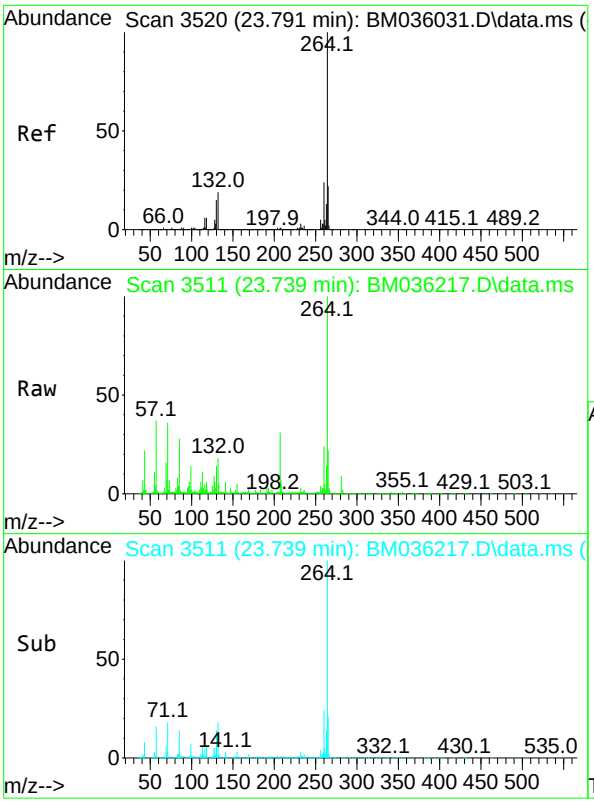


#79
Terphenyl-d14
Concen: 75.029 ng
RT: 19.845 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Tgt Ion:244 Resp: 5049837

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.4
122	10.2	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM036217.D
Acq: 11 Aug 2022 19:59

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Tgt Ion:264 Resp: 1181829

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.4	17.5	26.3