Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137344.D
Acq On : 08 Feb 2024 18:19
Operator : CG\JU
Sample : P1372-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch7

Quant Time: Feb 09 01:37:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	99236	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	381215	20.000	ng	#-0.01
39) Acenaphthene-d10	9.816	164	200296	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	338627	20.000	ng	0.00
76) Chrysene-d12	13.963	240	211945	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	256157	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	385663	64.127	ng	0.00
7) Phenol-d6	6.416	99	317670	37.013	ng	-0.01
23) Nitrobenzene-d5	7.351	82	744527	87.441	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	275537	121.809	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1170004	80.300	ng	0.00
79) Terphenyl-d14	12.910	244	992415	63.655	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.428	94	112417	11.734	ng	94
20) 3+4-Methylphenols	7.222	107	3584307	504.001	ng	# 58
31) Naphthalene	8.092	128	2351353	114.094	ng	99
32) Benzoic acid	7.833	122	149948	47.520	ng	# 21
38) 1-Methylnaphthalene	8.875	142	114963	8.958	ng	96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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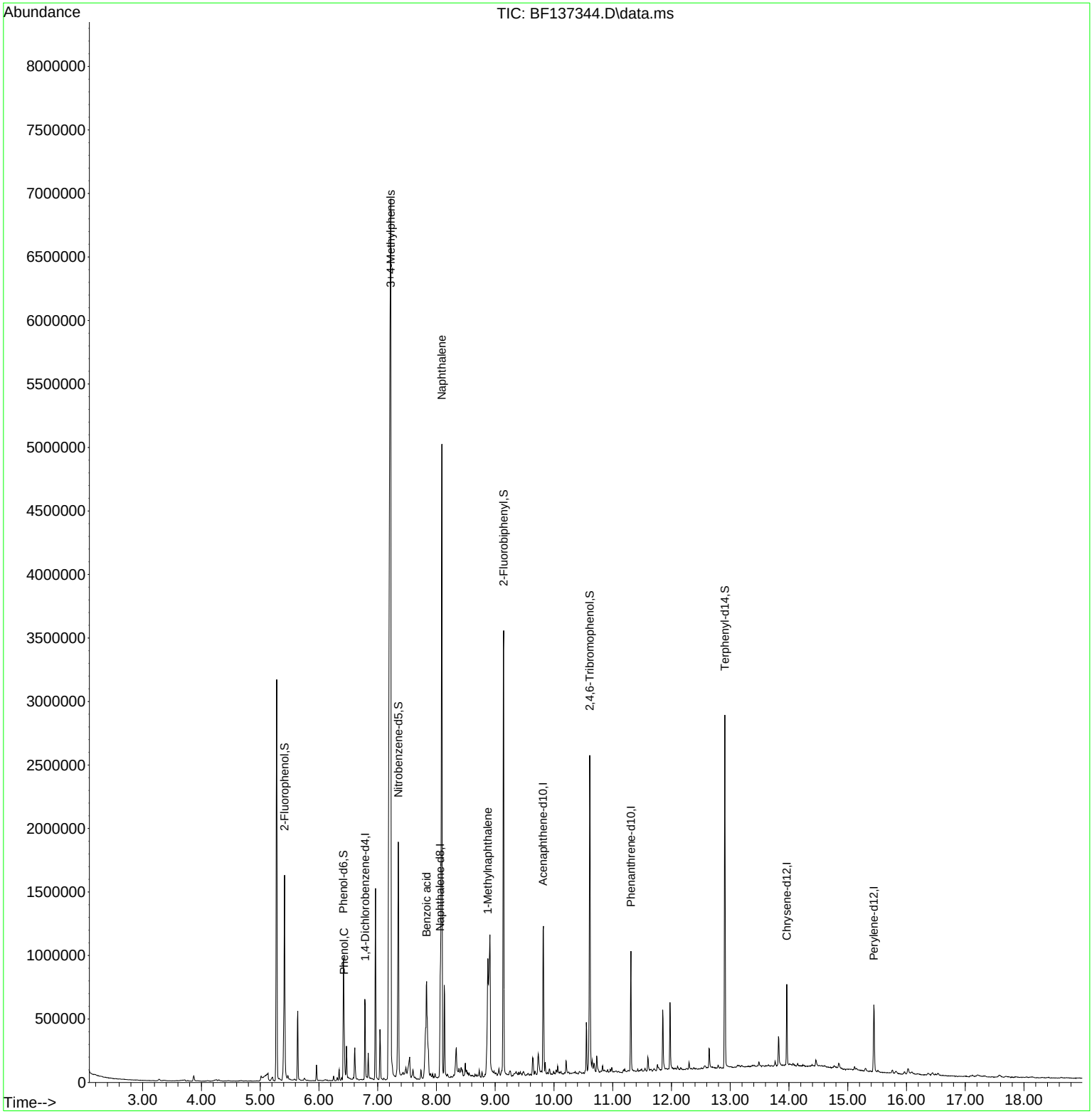
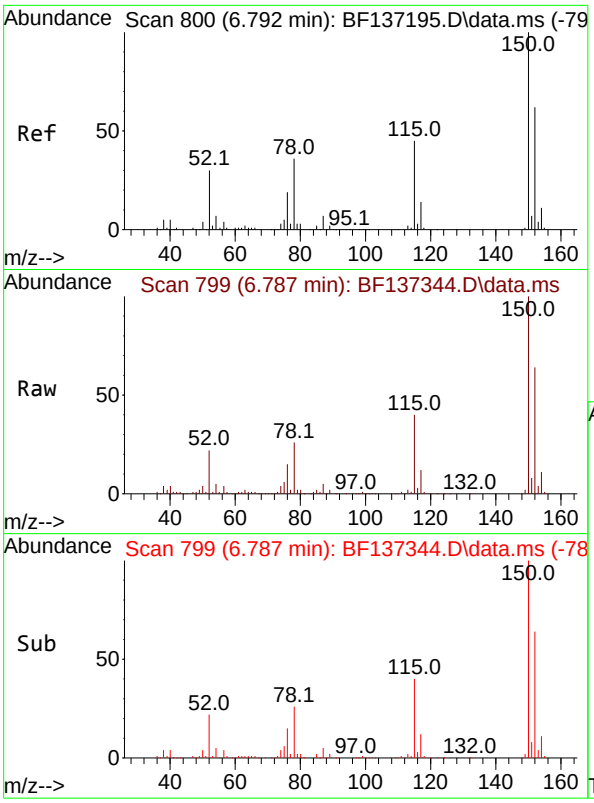


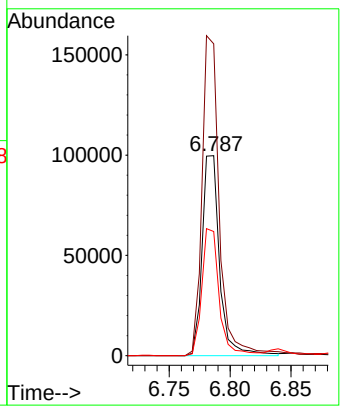


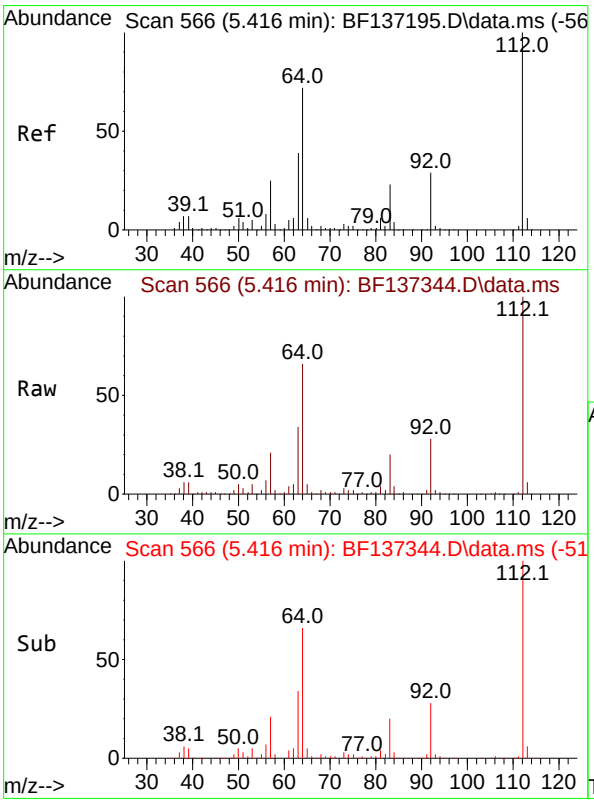
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch7

Tgt Ion:152 Resp: 99236

Ion	Ratio	Lower	Upper
152	100		
150	156.0	129.8	194.8
115	62.1	58.5	87.7

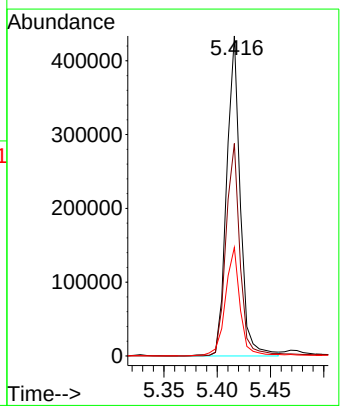


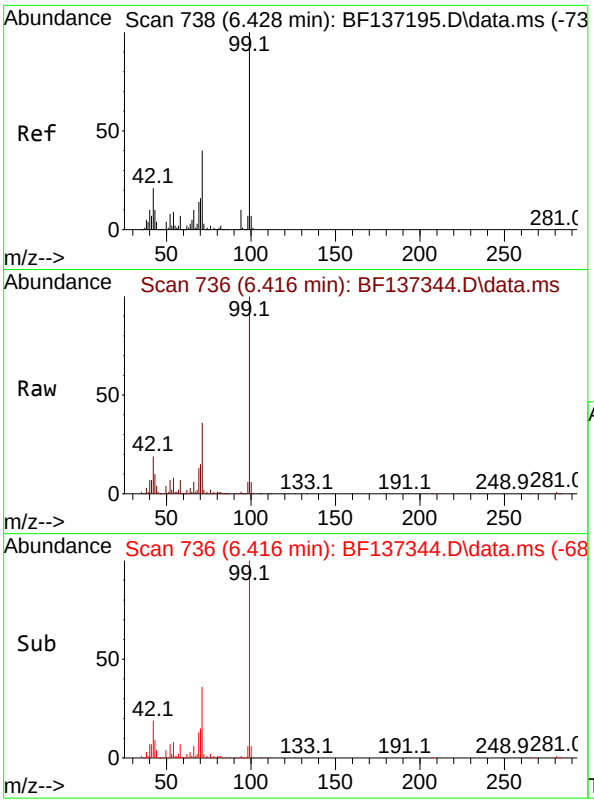


#5
2-Fluorophenol
Concen: 64.127 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Tgt Ion:112 Resp: 385663

Ion	Ratio	Lower	Upper
112	100		
64	66.4	57.8	86.6
63	33.9	31.4	47.0



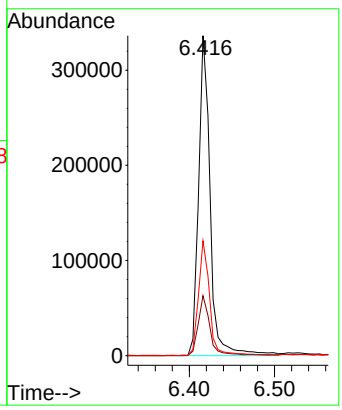


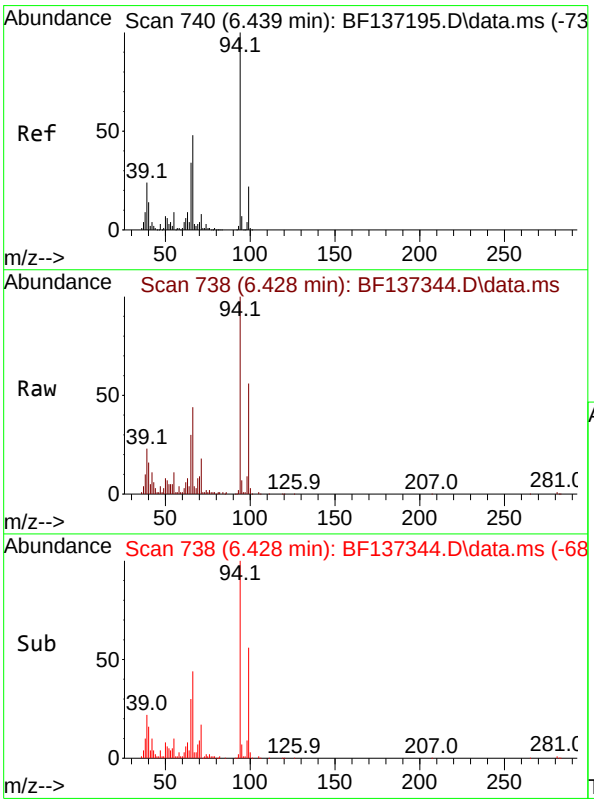
#7
Phenol-d6
Concen: 37.013 ng
RT: 6.416 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch7

Tgt Ion: 99 Resp: 317670

Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.4	24.6
71	35.9	32.4	48.6

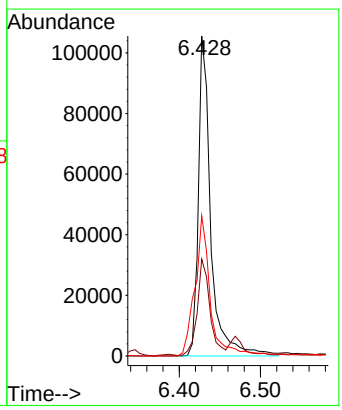


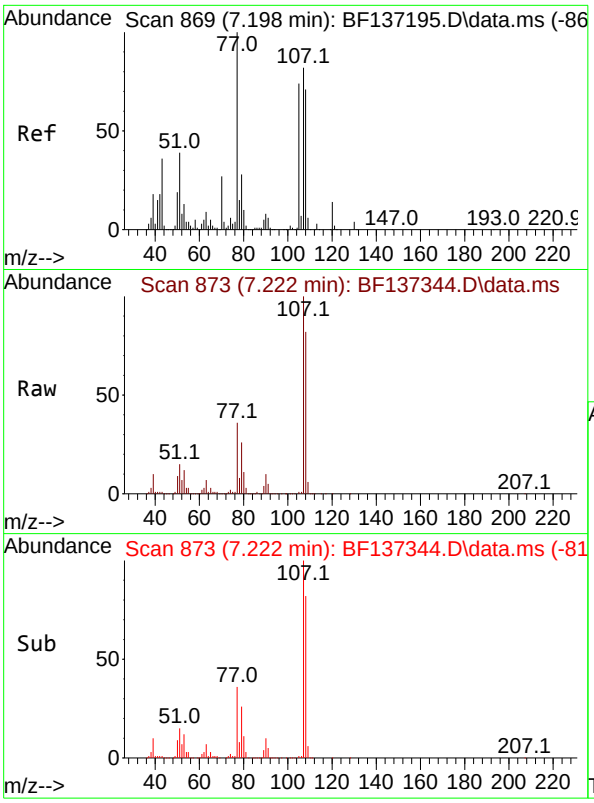


#10
Phenol
Concen: 11.734 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.011 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Tgt Ion: 94 Resp: 112417

Ion	Ratio	Lower	Upper
94	100		
65	30.3	13.7	53.7
66	43.8	27.8	67.8



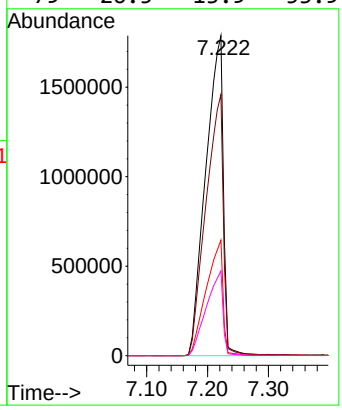


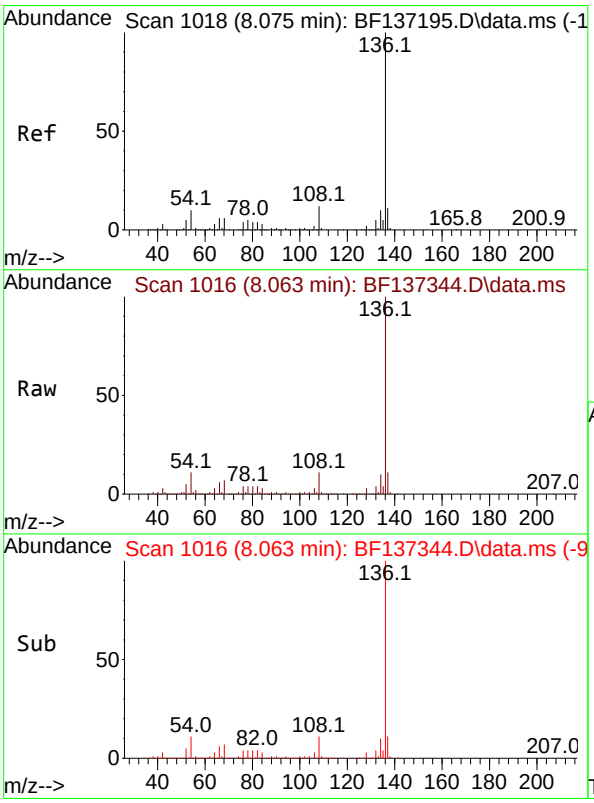
#20
3+4-Methylphenols
Concen: 504.001 ng
RT: 7.222 min Scan# 8
Delta R.T. 0.024 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch7

Tgt Ion:107 Resp: 3584307

Ion	Ratio	Lower	Upper
107	100		
108	81.6	66.3	106.3
77	36.1	101.4	141.4#
79	26.5	13.9	53.9

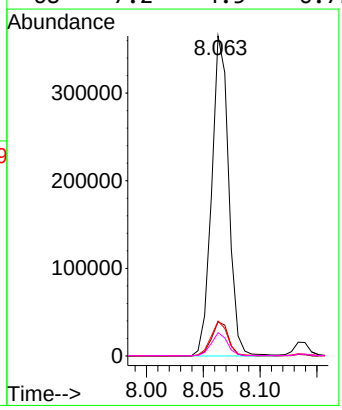


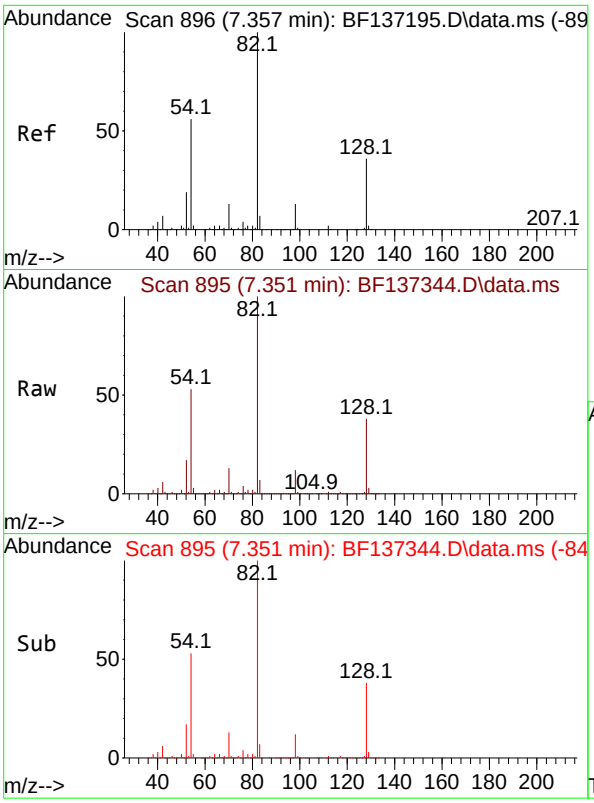


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Tgt Ion:136 Resp: 381215

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.9	7.8	11.8
68	7.2	4.5	6.7#



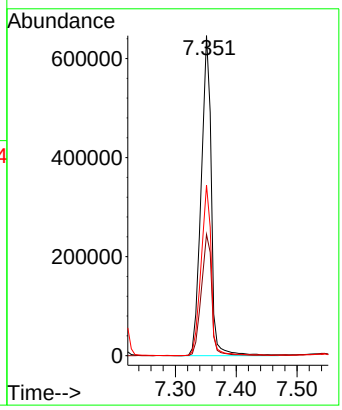


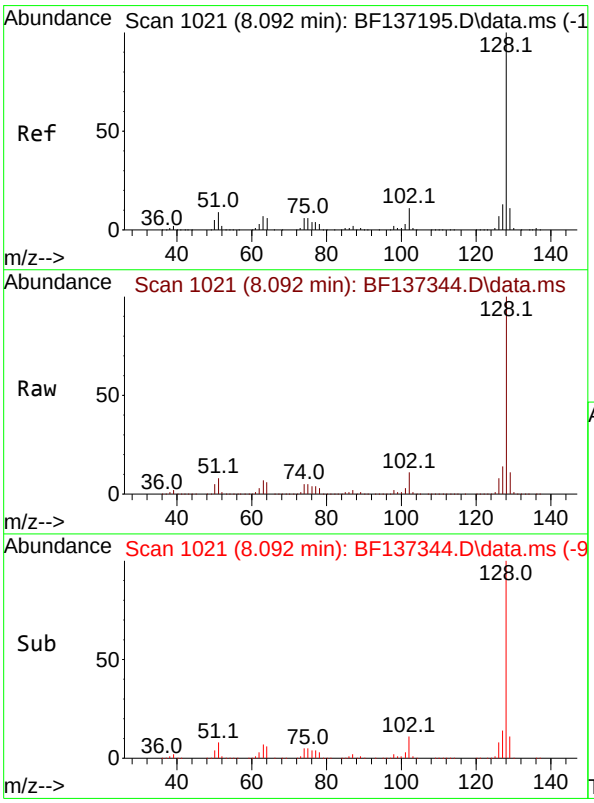
#23
Nitrobenzene-d5
Concen: 87.441 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch7

Tgt Ion: 82 Resp: 744527

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.1	43.7
54	53.3	45.0	67.6

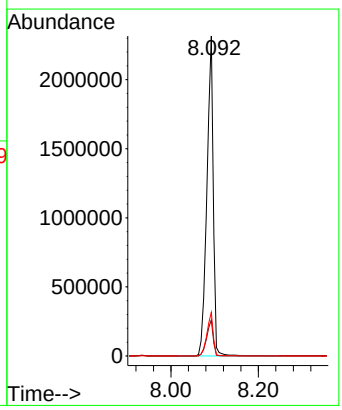


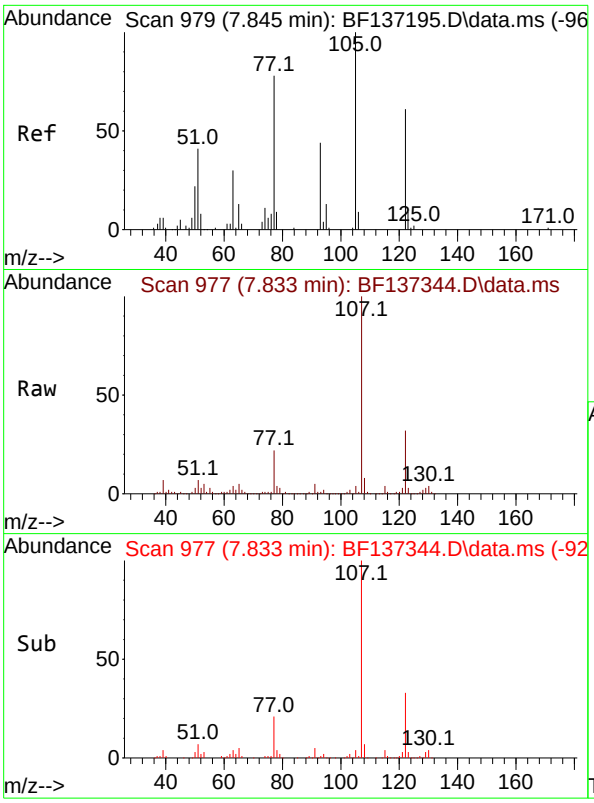


#31
Naphthalene
Concen: 114.094 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Tgt Ion:128 Resp: 2351353

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.5	12.7
127	13.6	10.5	15.7



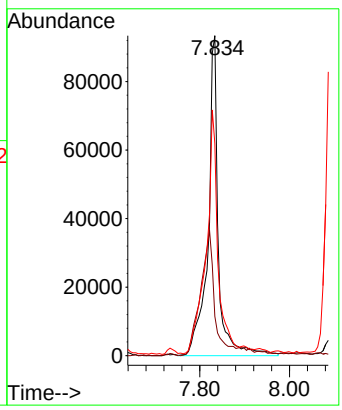


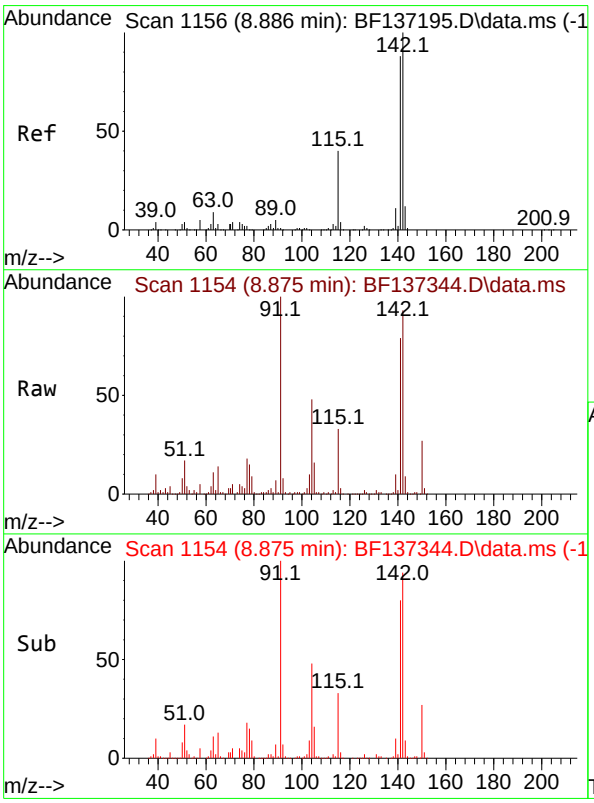
#32
Benzoic acid
Concen: 47.520 ng
RT: 7.833 min Scan# 9
Delta R.T. -0.011 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch7

Tgt Ion:122 Resp: 149948

Ion	Ratio	Lower	Upper
122	100		
105	12.3	122.5	162.5#
77	66.3	96.4	136.4#

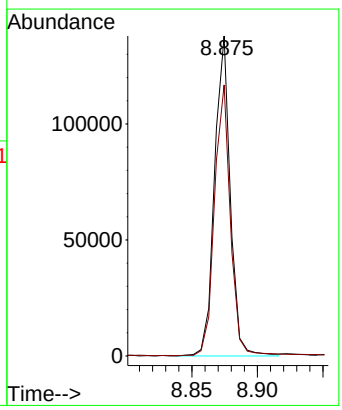


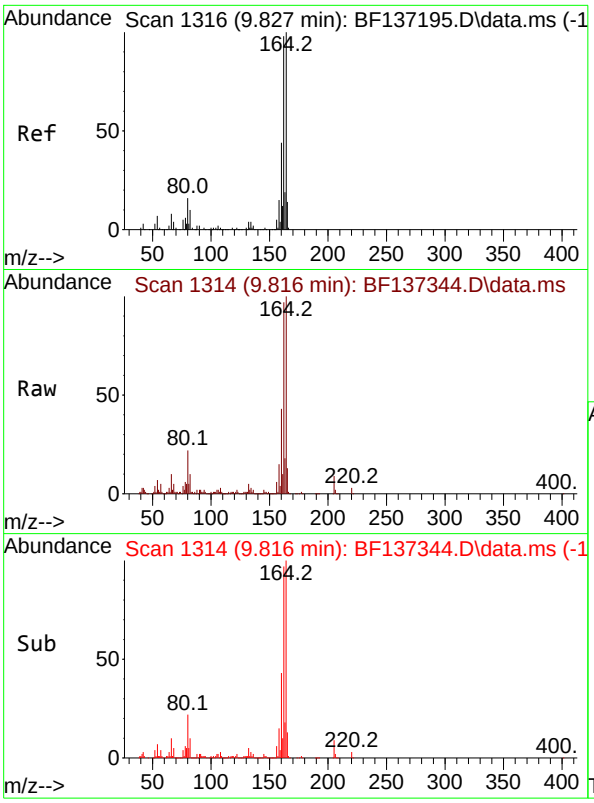


#38
1-Methylnaphthalene
Concen: 8.958 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Tgt Ion:142 Resp: 114963

Ion	Ratio	Lower	Upper
142	100		
141	84.7	70.6	105.8



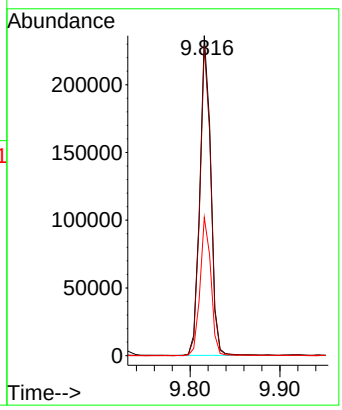


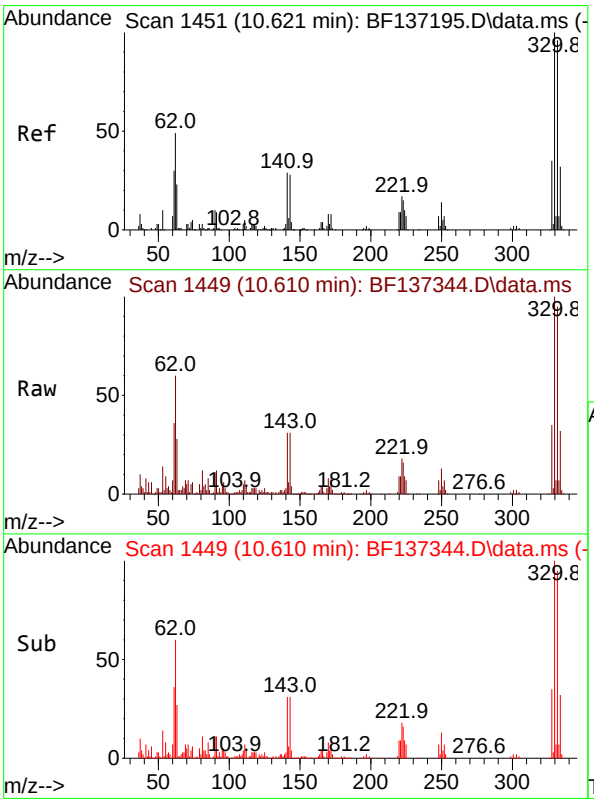
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch7

Tgt Ion:164 Resp: 200296

Ion	Ratio	Lower	Upper
164	100		
162	96.9	78.3	117.5
160	43.2	35.4	53.2

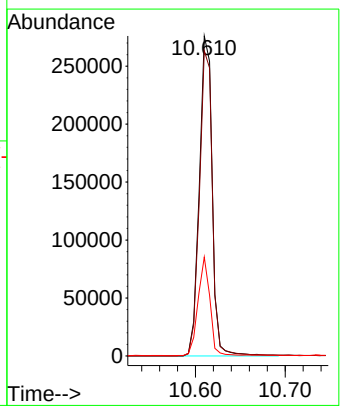


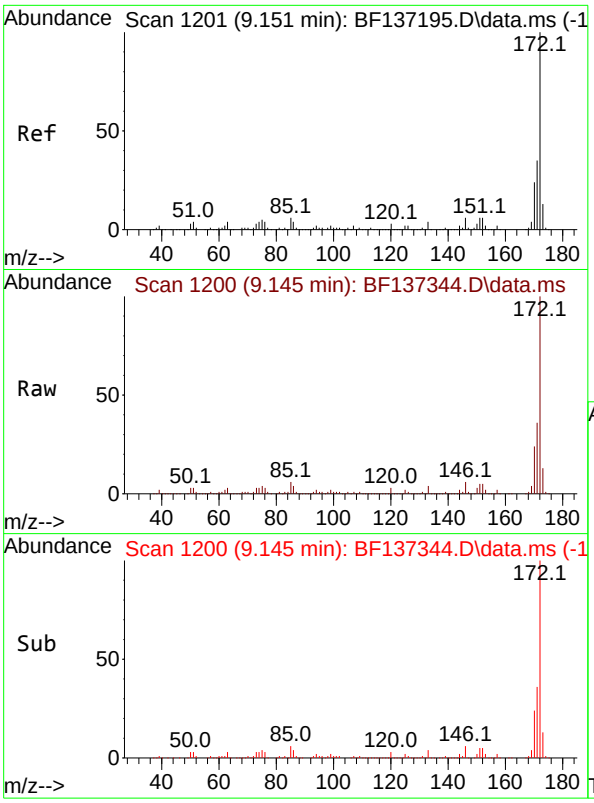


#42
2,4,6-Tribromophenol
Concen: 121.809 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Tgt Ion:330 Resp: 275537

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	28.5	25.2	37.8



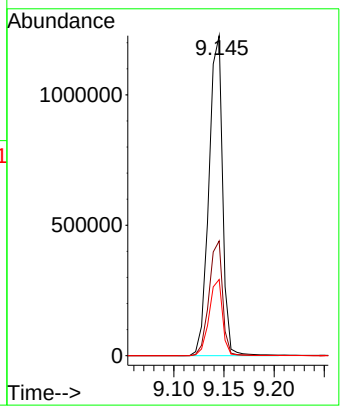


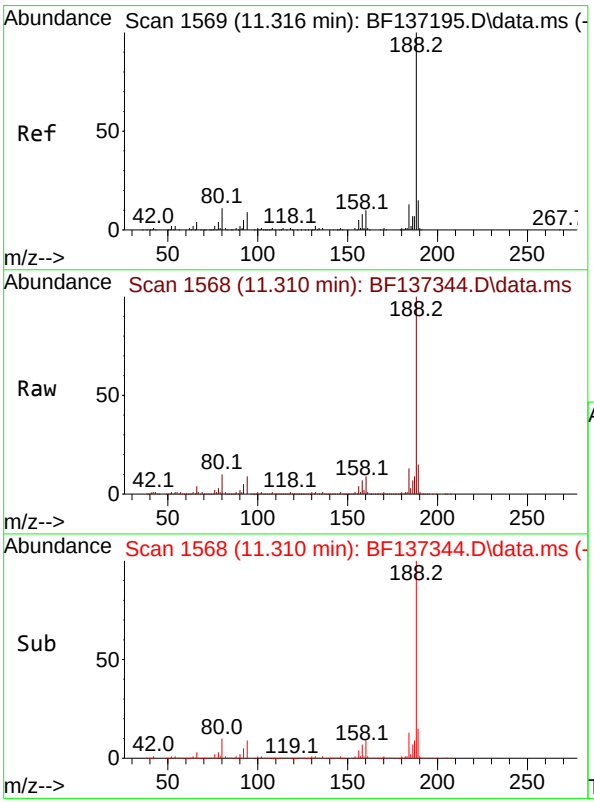
#45
2-Fluorobiphenyl
Concen: 80.300 ng
RT: 9.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch7

Tgt Ion:172 Resp: 1170004

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.3	42.5
170	23.8	19.1	28.7

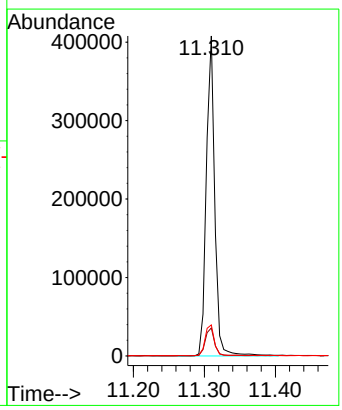


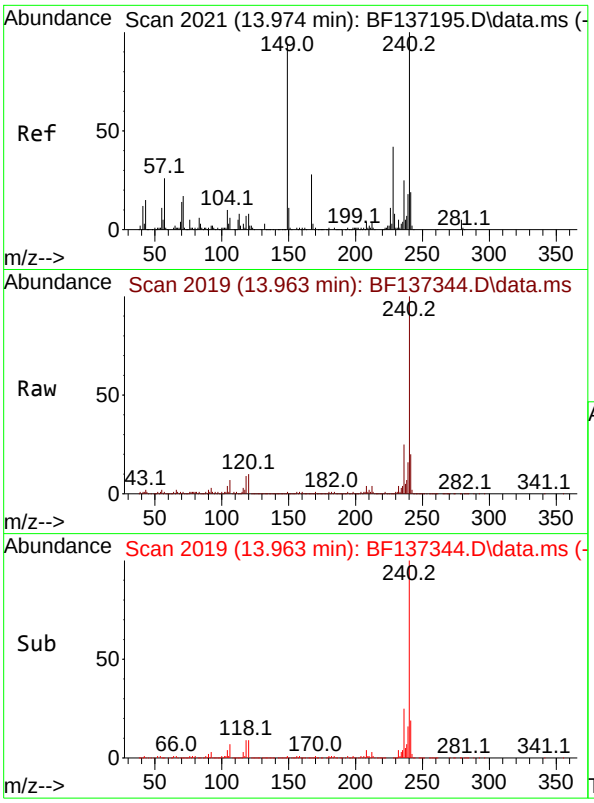


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Tgt Ion:188 Resp: 338627

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	9.7	8.8	13.2



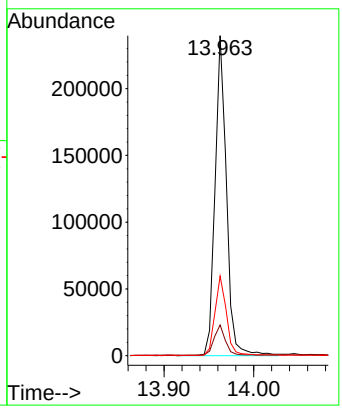


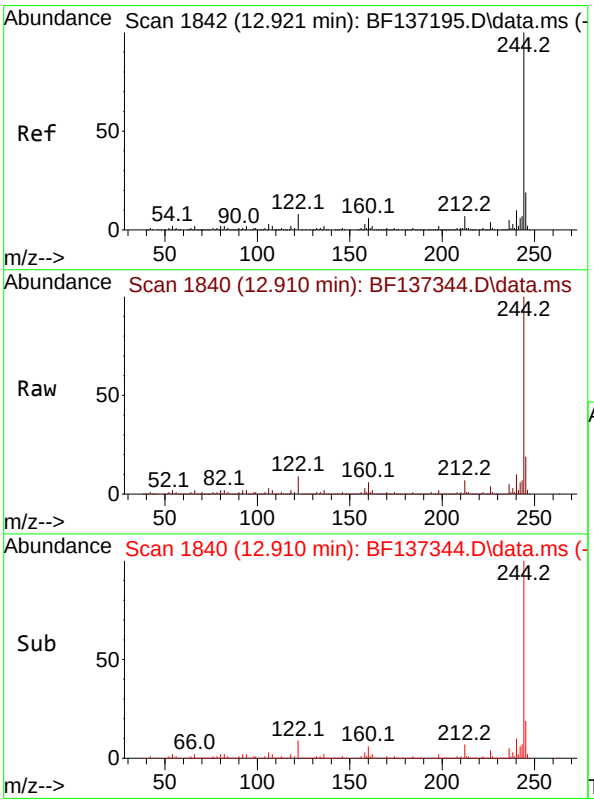
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch7

Tgt Ion:240 Resp: 211945

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.3	9.5#
236	24.9	20.3	30.5

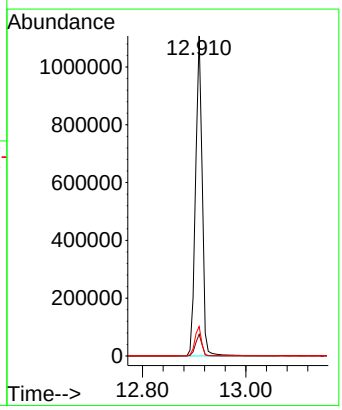


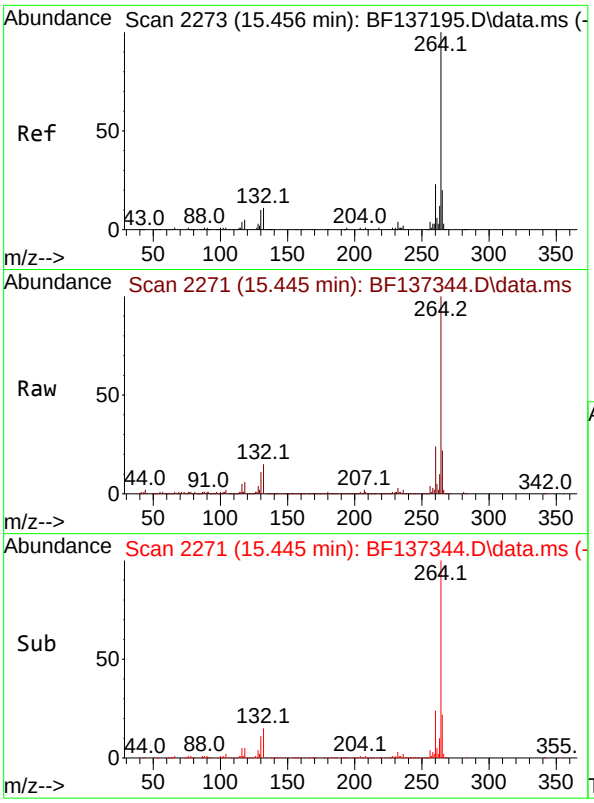


#79
Terphenyl-d14
Concen: 63.655 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Tgt Ion:244 Resp: 992415

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	9.2	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF137344.D
Acq: 08 Feb 2024 18:19

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch7

Tgt Ion:264 Resp: 256157

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.8	16.2	24.2