Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
Data File : BF137340.D
Acq On : 08 Feb 2024 16:24
Operator : CG\JU
Sample : P1372-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch5

Quant Time: Feb 08 16:50:45 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	6.786	152	102010	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	386372	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	213972	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	364377	20.000	ng		0.00
76) Chrysene-d12	13.962	240	221045	20.000	ng		-0.01
86) Perylene-d12	15.439	264	248068	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	391631	63.349	ng		0.00
7) Phenol-d6	6.416	99	307871	34.896	ng		-0.01
23) Nitrobenzene-d5	7.351	82	742809	86.074	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	285652	118.209	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	1255209	80.641	ng		0.00
79) Terphenyl-d14	12.910	244	1155625	71.072	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.428	94	85004	8.632	ng		94
20) 3+4-Methylphenols	7.204	107	1396660	191.048	ng	#	57
31) Naphthalene	8.098	128	3514418	168.252	ng		97
38) 1-Methylnaphthalene	8.875	142	609414	46.854	ng		98
49) Acenaphthylene	9.675	152	335108	16.614	ng		99
52) Acenaphthene	9.851	154	207510	17.505	ng		99
73) Carbazole	11.545	167	36087	2.172	ng		99

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

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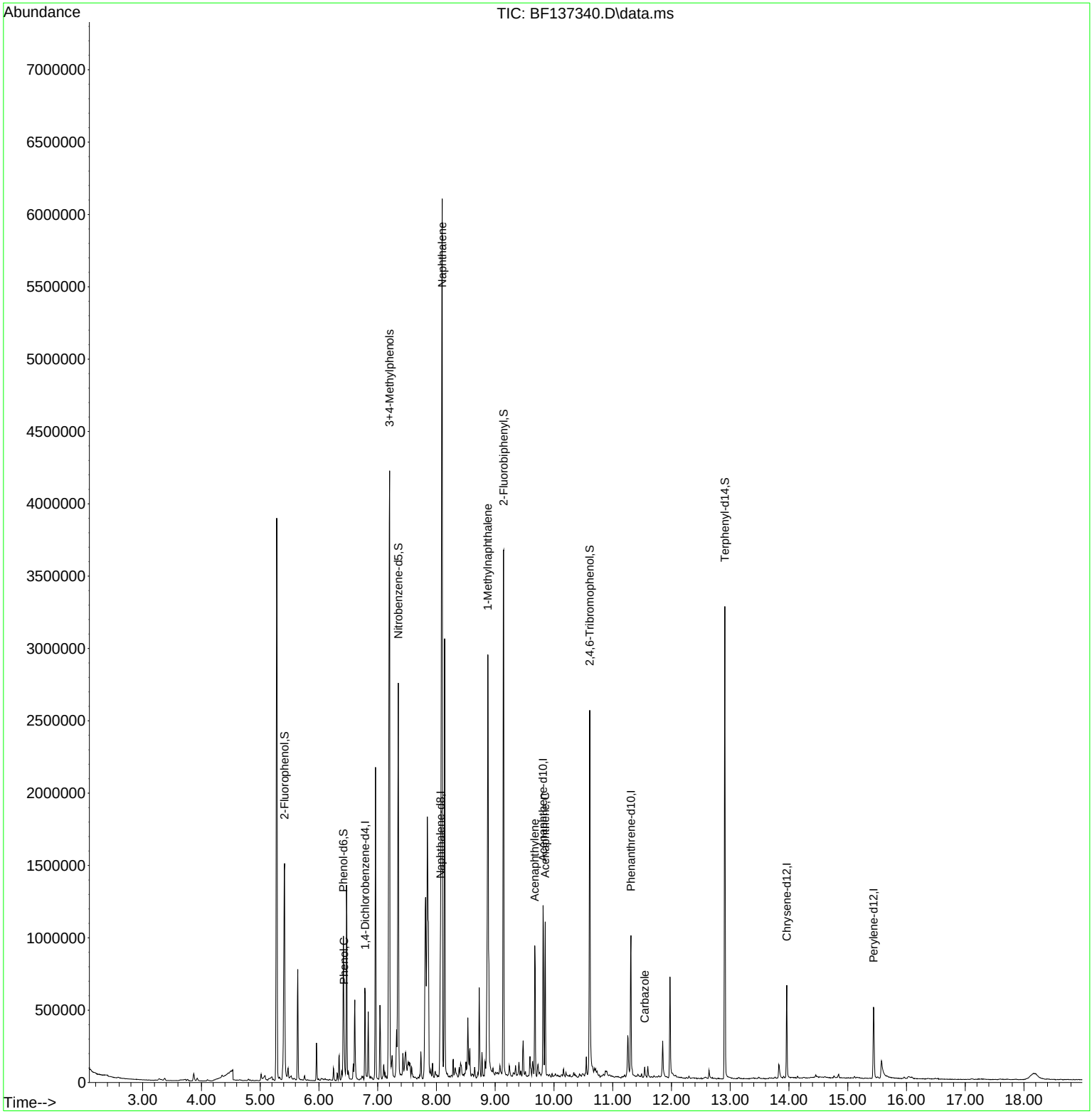
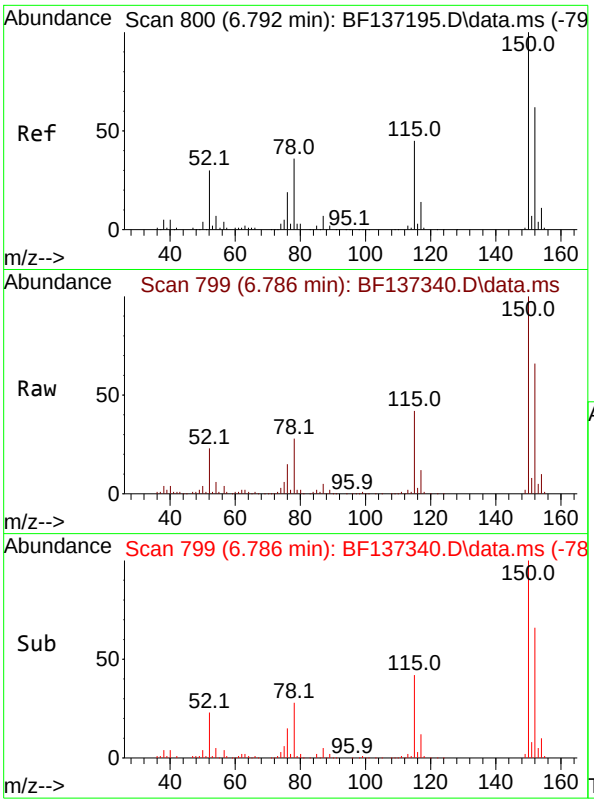
Quant Time: Feb 08 16:50:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration



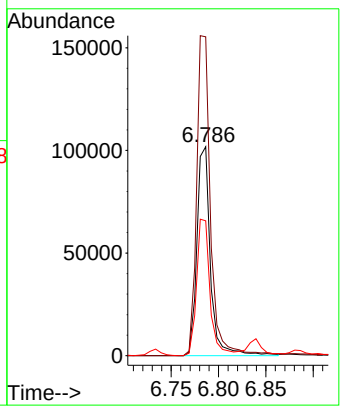


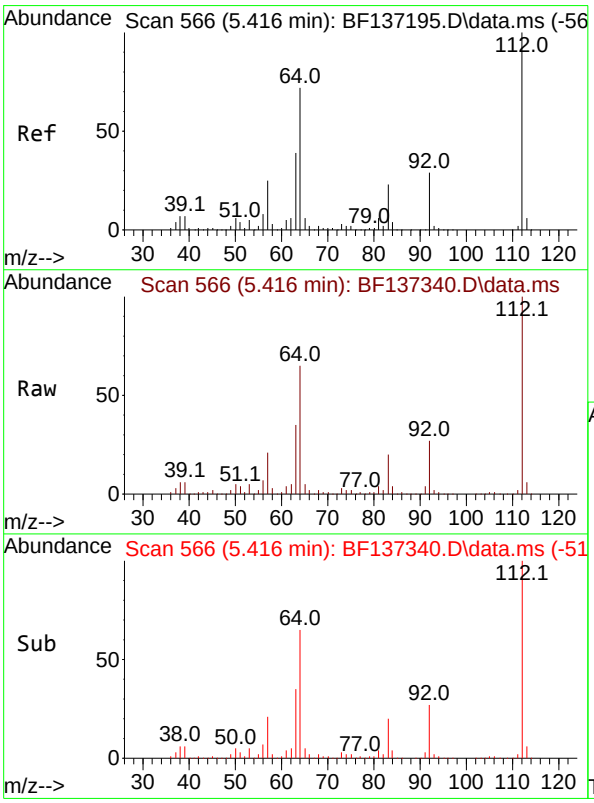
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch5

Tgt Ion:152 Resp: 102010

Ion	Ratio	Lower	Upper
152	100		
150	152.6	129.8	194.8
115	64.5	58.5	87.7

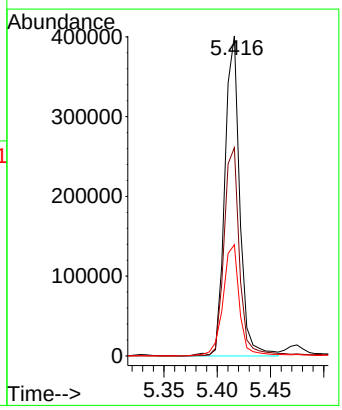


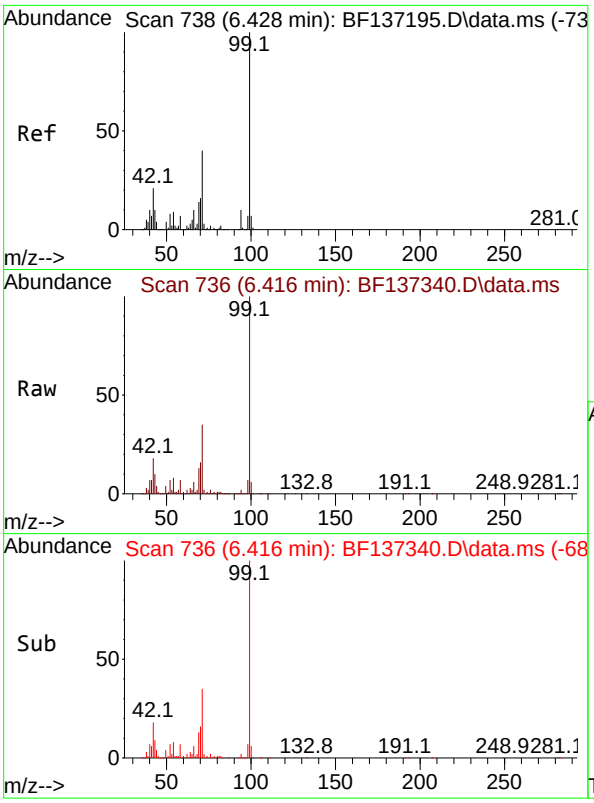


#5
2-Fluorophenol
Concen: 63.349 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Tgt Ion:112 Resp: 391631

Ion	Ratio	Lower	Upper
112	100		
64	65.1	57.8	86.6
63	34.7	31.4	47.0



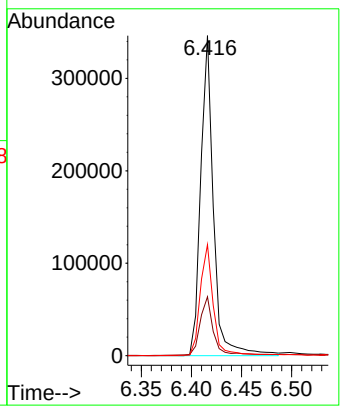


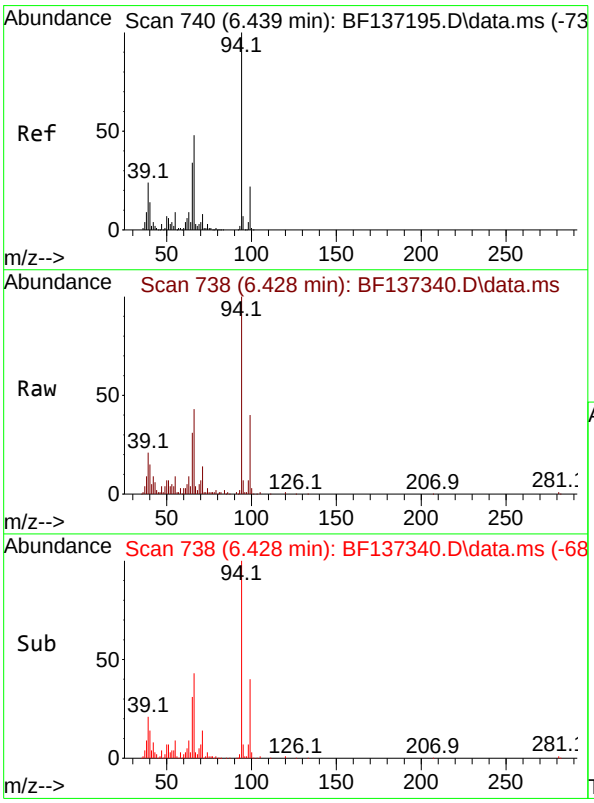
#7
Phenol-d6
Concen: 34.896 ng
RT: 6.416 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch5

Tgt Ion: 99 Resp: 307871

Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.4	24.6
71	34.7	32.4	48.6

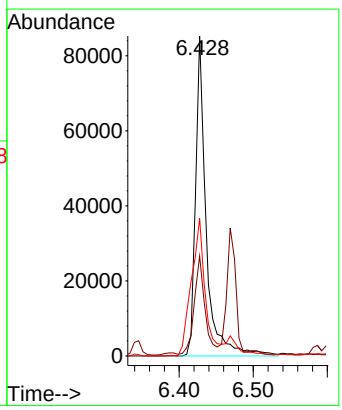


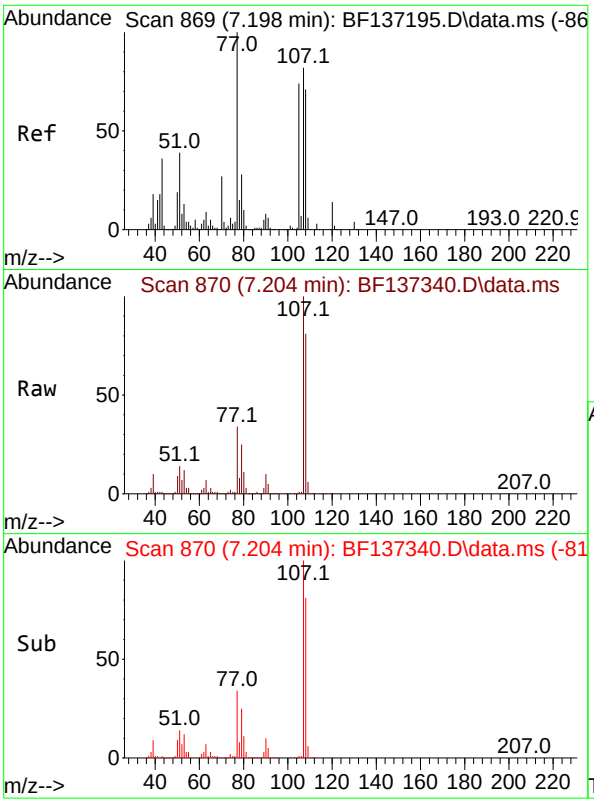


#10
Phenol
Concen: 8.632 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.011 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Tgt Ion: 94 Resp: 85004

Ion	Ratio	Lower	Upper
94	100		
65	31.2	13.7	53.7
66	43.0	27.8	67.8



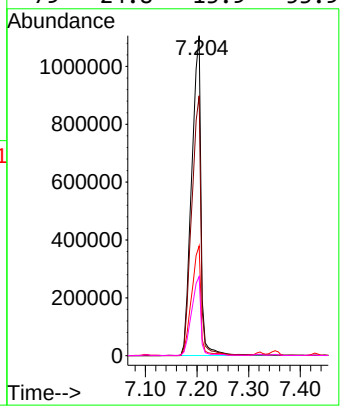


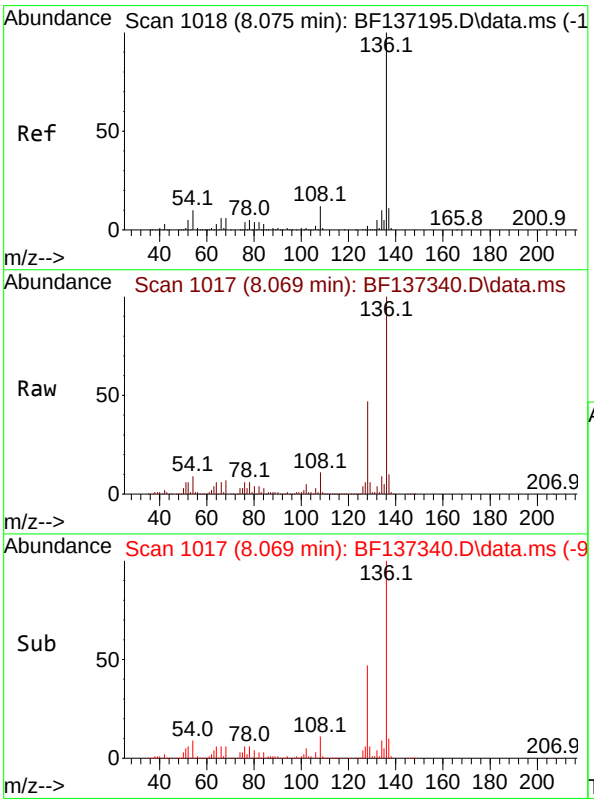
#20
3+4-Methylphenols
Concen: 191.048 ng
RT: 7.204 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch5

Tgt Ion:107 Resp: 1396660

Ion	Ratio	Lower	Upper
107	100		
108	81.3	66.3	106.3
77	34.3	101.4	141.4#
79	24.8	13.9	53.9

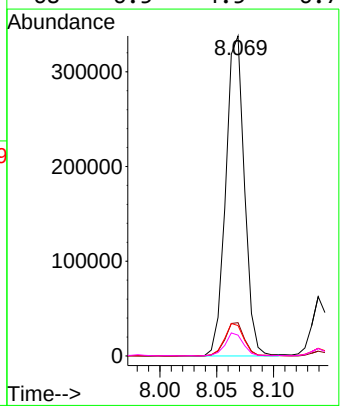


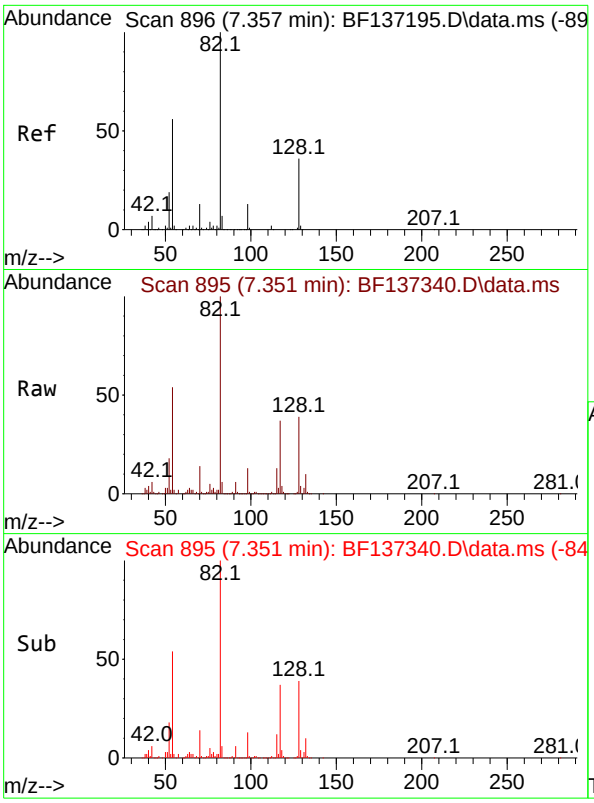


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Tgt Ion:136 Resp: 386372

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.5	7.8	11.8
68	6.5	4.5	6.7



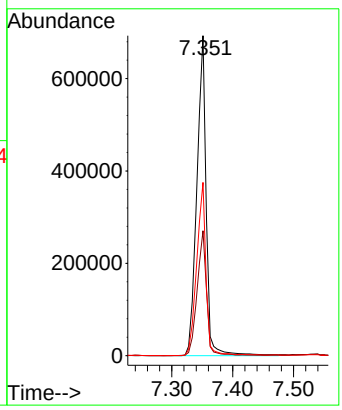


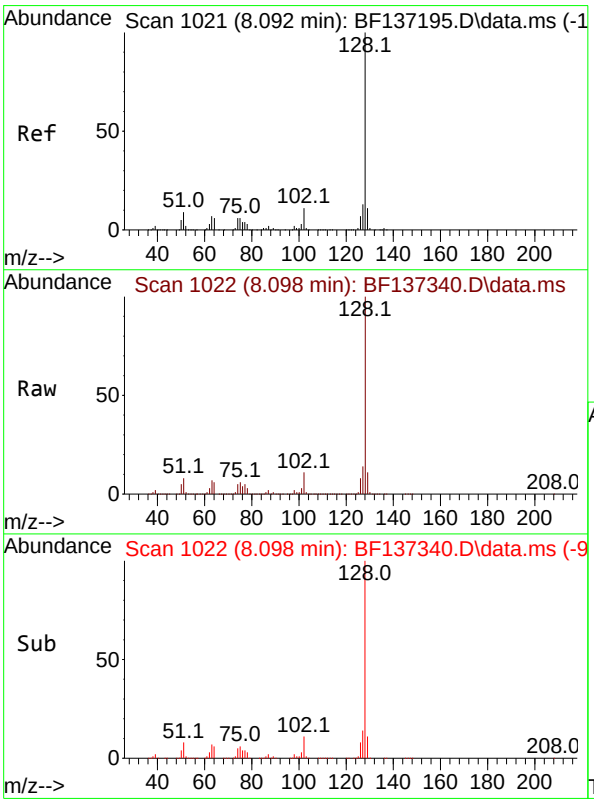
#23
Nitrobenzene-d5
Concen: 86.074 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch5

Tgt Ion: 82 Resp: 742809

Ion	Ratio	Lower	Upper
82	100		
128	39.0	29.1	43.7
54	54.2	45.0	67.6

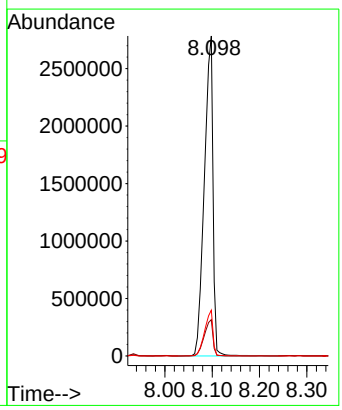


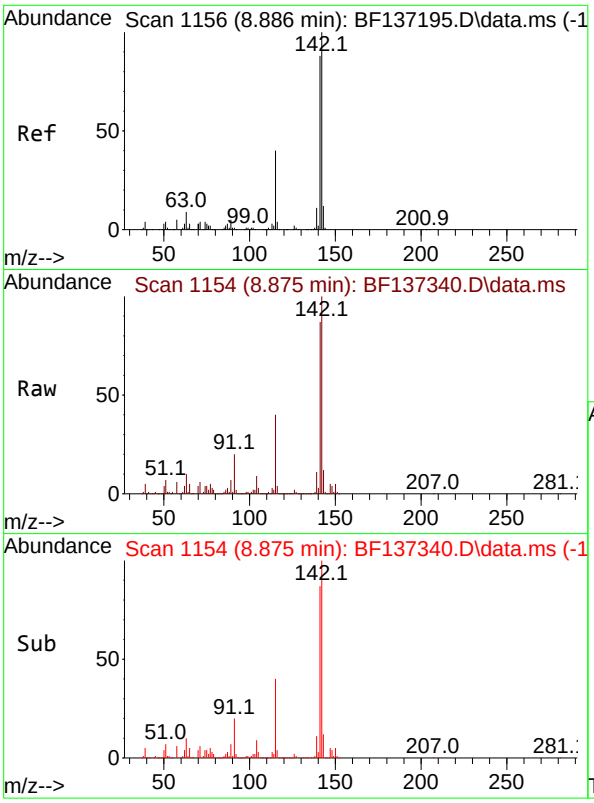


#31
Naphthalene
Concen: 168.252 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Tgt Ion:128 Resp: 3514418

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.5	12.7
127	14.3	10.5	15.7



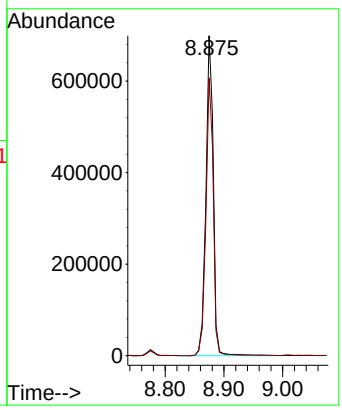


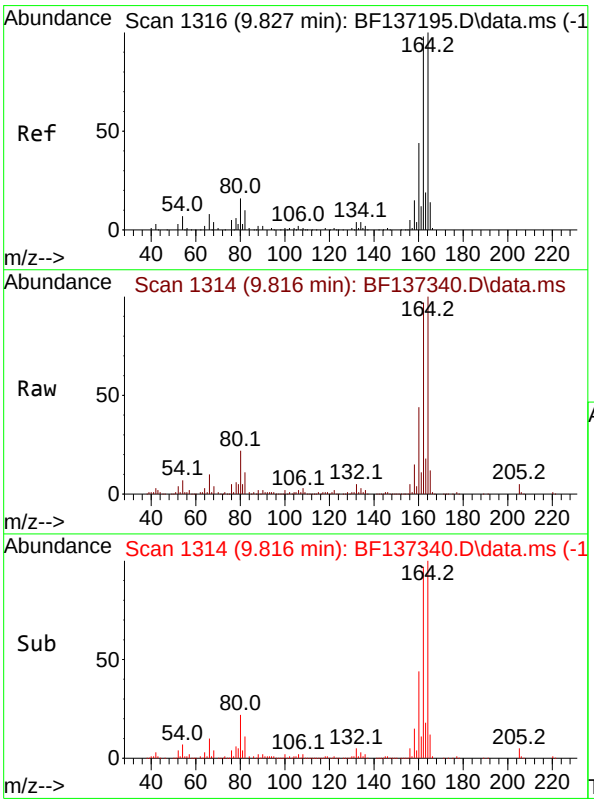
#38
1-Methylnaphthalene
Concen: 46.854 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch5

Tgt Ion:142 Resp: 609414

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.6	105.8

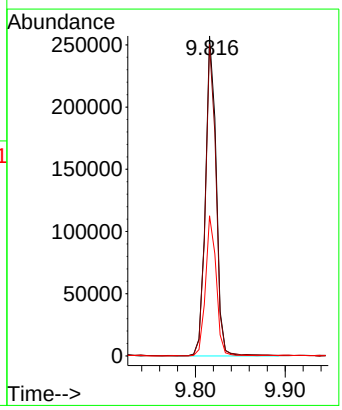


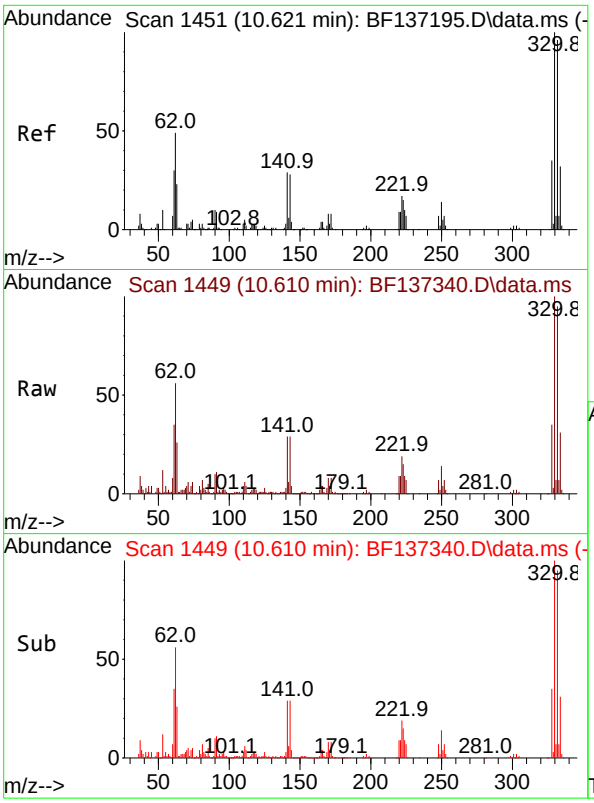


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.011 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Tgt Ion:164 Resp: 213972

Ion	Ratio	Lower	Upper
164	100		
162	97.4	78.3	117.5
160	43.8	35.4	53.2



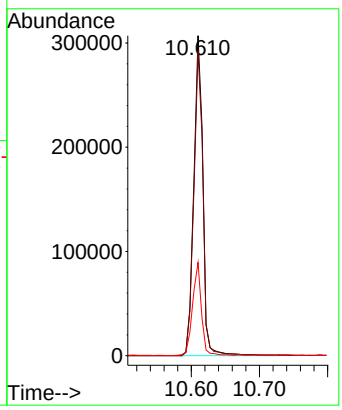


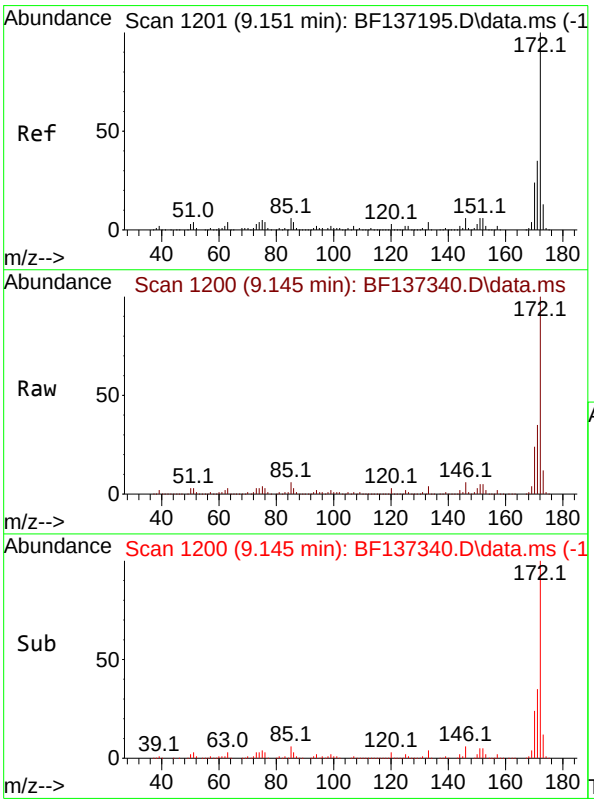
#42
2,4,6-Tribromophenol
Concen: 118.209 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch5

Tgt Ion:330 Resp: 285652

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.3	115.9
141	28.0	25.2	37.8

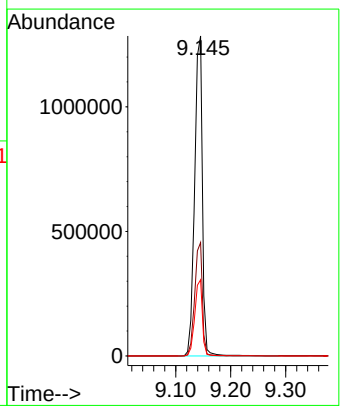


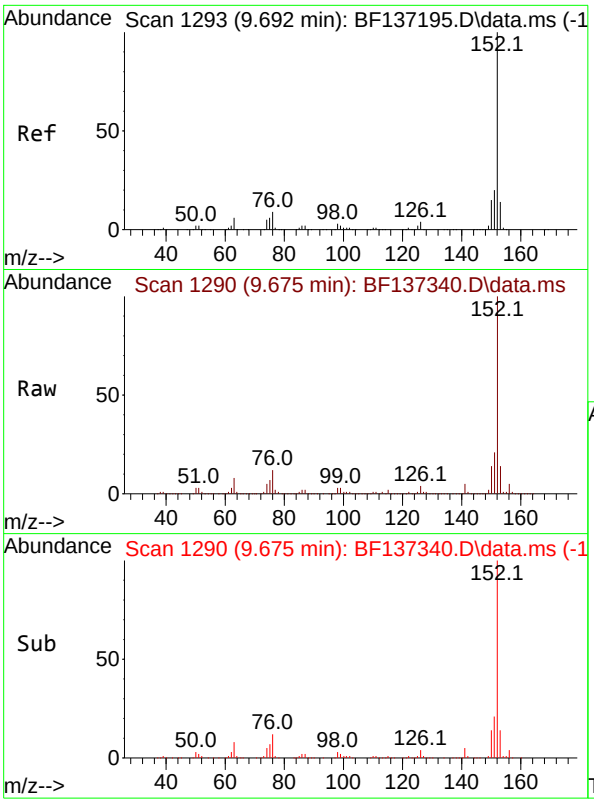


#45
2-Fluorobiphenyl
Concen: 80.641 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Tgt Ion:172 Resp: 1255209

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	23.8	19.1	28.7



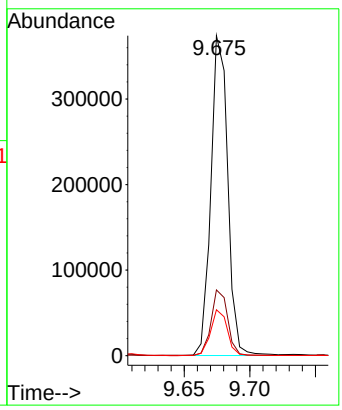


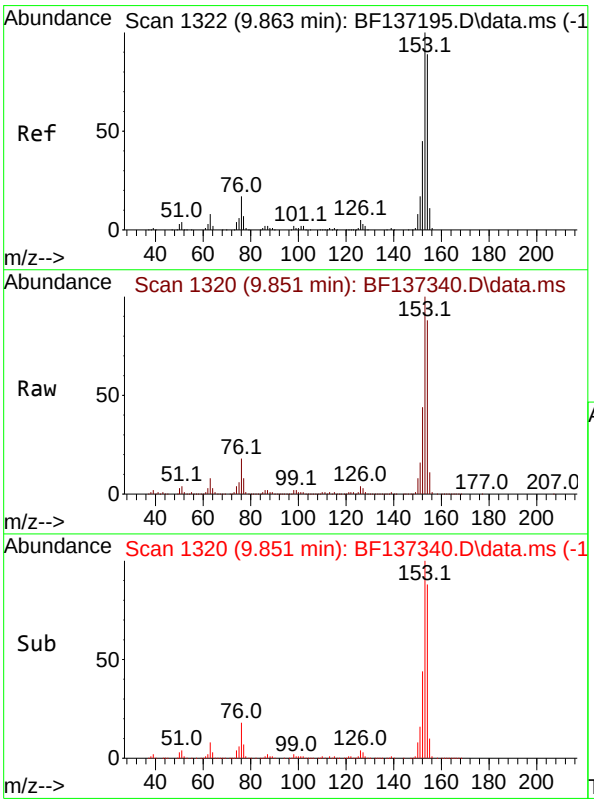
#49
Acenaphthylene
Concen: 16.614 ng
RT: 9.675 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch5

Tgt Ion:152 Resp: 335108

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.3	11.2	16.8

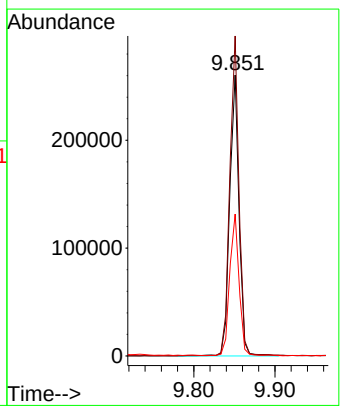


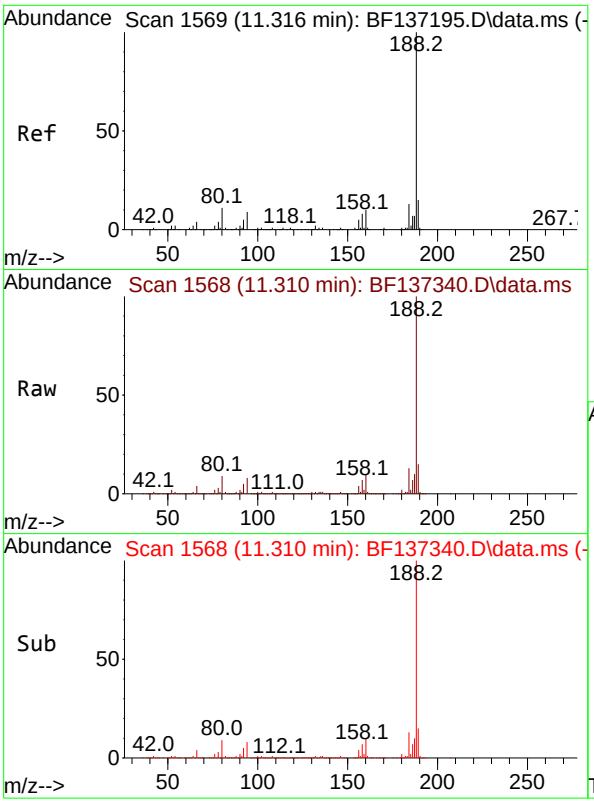


#52
Acenaphthene
Concen: 17.505 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Tgt Ion:154 Resp: 207510

Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.2	135.4
152	50.5	40.6	60.8



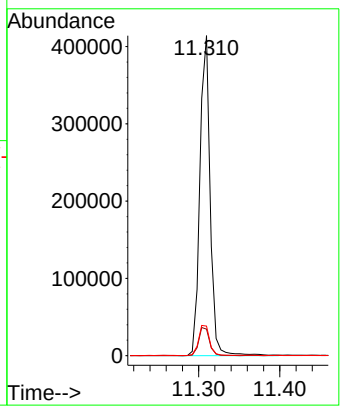


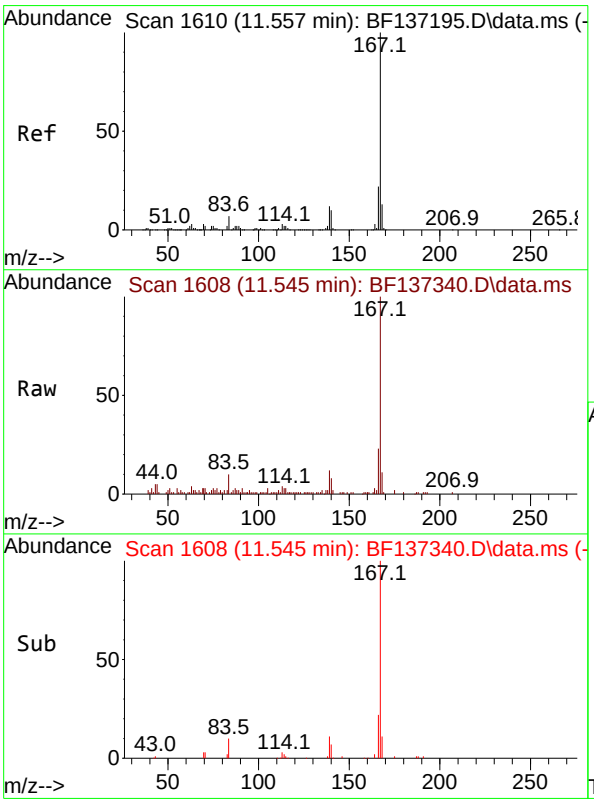
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch5

Tgt Ion:188 Resp: 364377

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	9.2	8.8	13.2

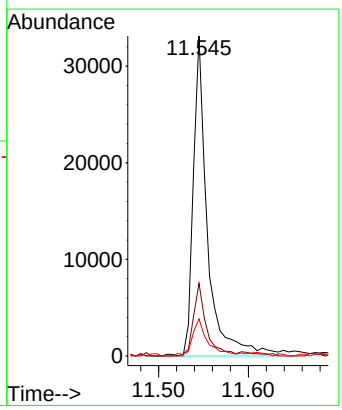


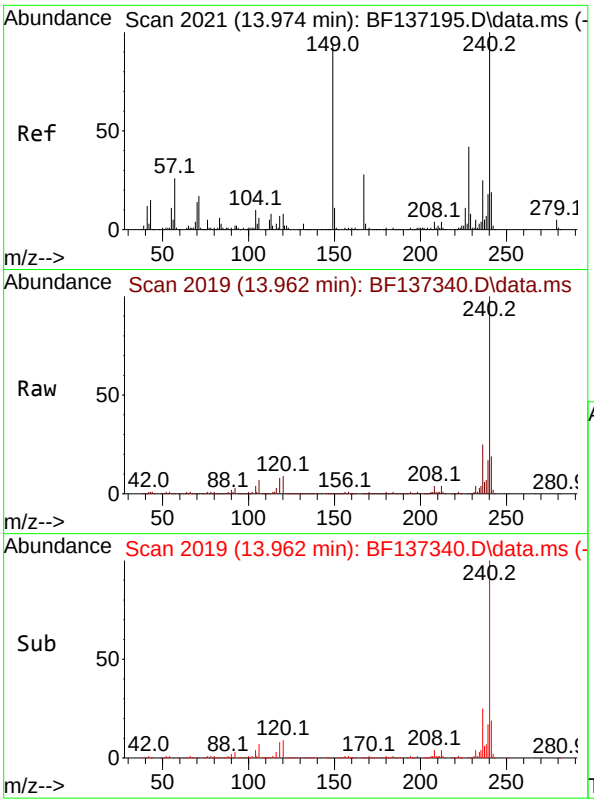


#73
Carbazole
Concen: 2.172 ng
RT: 11.545 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Tgt Ion:167 Resp: 36087

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	11.6	9.7	14.5



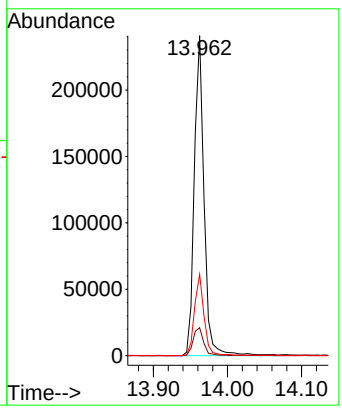


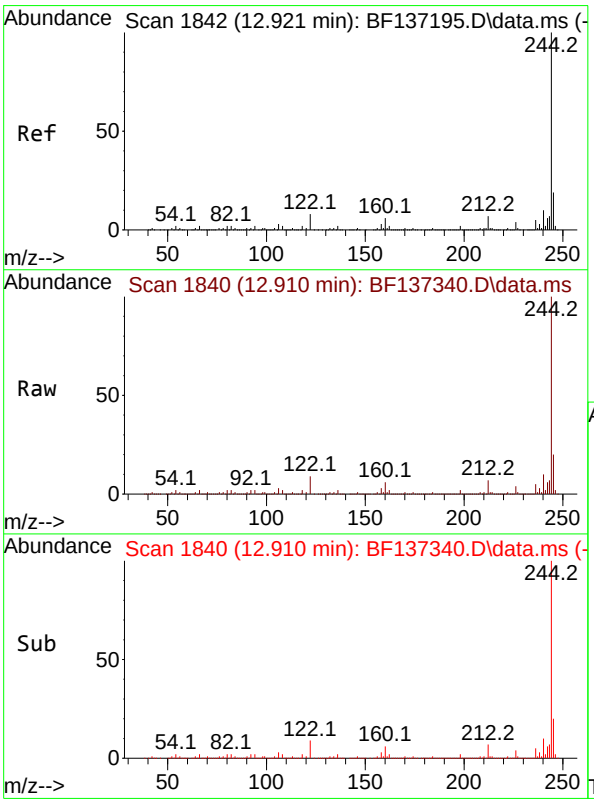
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch5

Tgt Ion:240 Resp: 221045

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.3	9.5
236	25.5	20.3	30.5

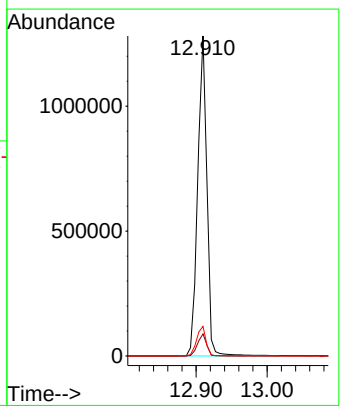


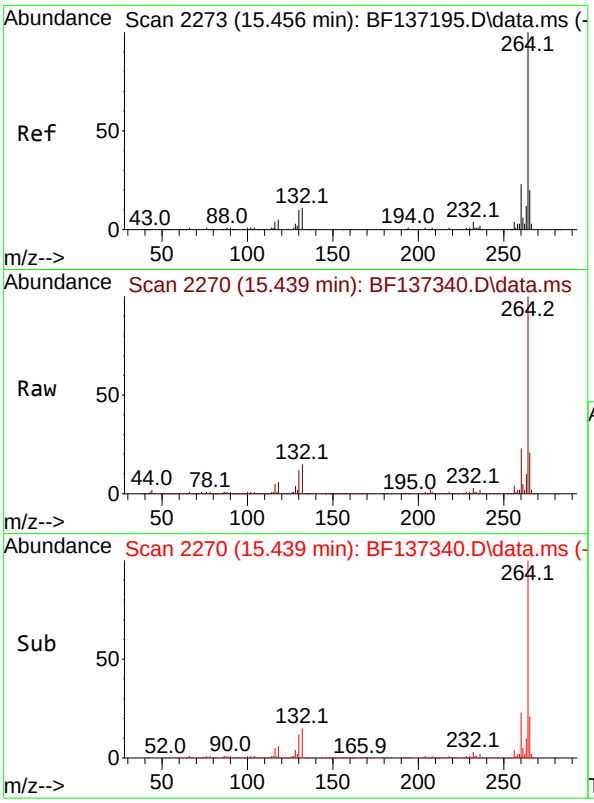


#79
Terphenyl-d14
Concen: 71.072 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Tgt Ion:244 Resp: 1155625

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	9.2	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF137340.D
Acq: 08 Feb 2024 16:24

Instrument :
BNA_F
ClientSampleId :
CG-MW-17-ch5

Tgt Ion:264 Resp: 248068

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.4
265	20.6	16.2	24.2