Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134257.D
Acq On : 12 Jul 2023 20:56
Operator : CG\JU
Sample : 03555-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Quant Time: Jul 12 23:24:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.845	152	88454	20.000 ng	0.00
21) Naphthalene-d8	8.122	136	341632	20.000 ng	0.00
39) Acenaphthene-d10	9.880	164	154616	20.000 ng	0.00
64) Phenanthrene-d10	11.375	188	240848	20.000 ng	0.00
76) Chrysene-d12	14.039	240	167198	20.000 ng	0.00
86) Perylene-d12	15.545	264	138596	20.000 ng	0.00
System Monitoring Compounds					
5) 2-Fluorophenol	5.475	112	384615	72.735 ng	0.00
7) Phenol-d6	6.481	99	470990	72.426 ng	0.00
23) Nitrobenzene-d5	7.404	82	325013	51.283 ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	124562	64.254 ng	0.00
45) 2-Fluorobiphenyl	9.198	172	613026	57.644 ng	0.00
79) Terphenyl-d14	12.974	244	495370	47.683 ng	0.00
Target Compounds					Qvalue
9) Benzaldehyde	6.410	77	635	Below Cal	# 63
19) n-Nitroso-di-n-propyla...	7.404	70	45557	11.047 ng	# 78
25) Isophorone	7.404	82	325013	28.217 ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	20981	8.679 ng	# 23
54) 2,4-Dinitrophenol	10.169	184	282	4.056 ng	# 15
57) 2,4-Dinitrotoluene	9.880	165	20981	6.572 ng	# 22
63) Azobenzene	10.598	77	27809	2.514 ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	7479	2.922 ng	# 1
71) Phenanthrene	11.398	178	107154	8.838 ng	98
72) Anthracene	11.398	178	107154	8.497 ng	99
75) Fluoranthene	12.598	202	260286	19.857 ng	98
78) Pyrene	12.827	202	244346	15.703 ng	98
81) Benzo(a)anthracene	14.027	228	149635	12.905 ng	98
83) Chrysene	14.063	228	137027	12.201 ng	97
87) Indeno(1,2,3-cd)pyrene	17.086	276	58346	6.067 ng	# 95
88) Benzo(b)fluoranthene	15.098	252	222062	27.248 ng	100
89) Benzo(k)fluoranthene	15.098	252	222062	26.763 ng	99
90) Benzo(a)pyrene	15.480	252	101866	12.926 ng	98
92) Benzo(g,h,i)perylene	17.562	276	55054	6.796 ng	94

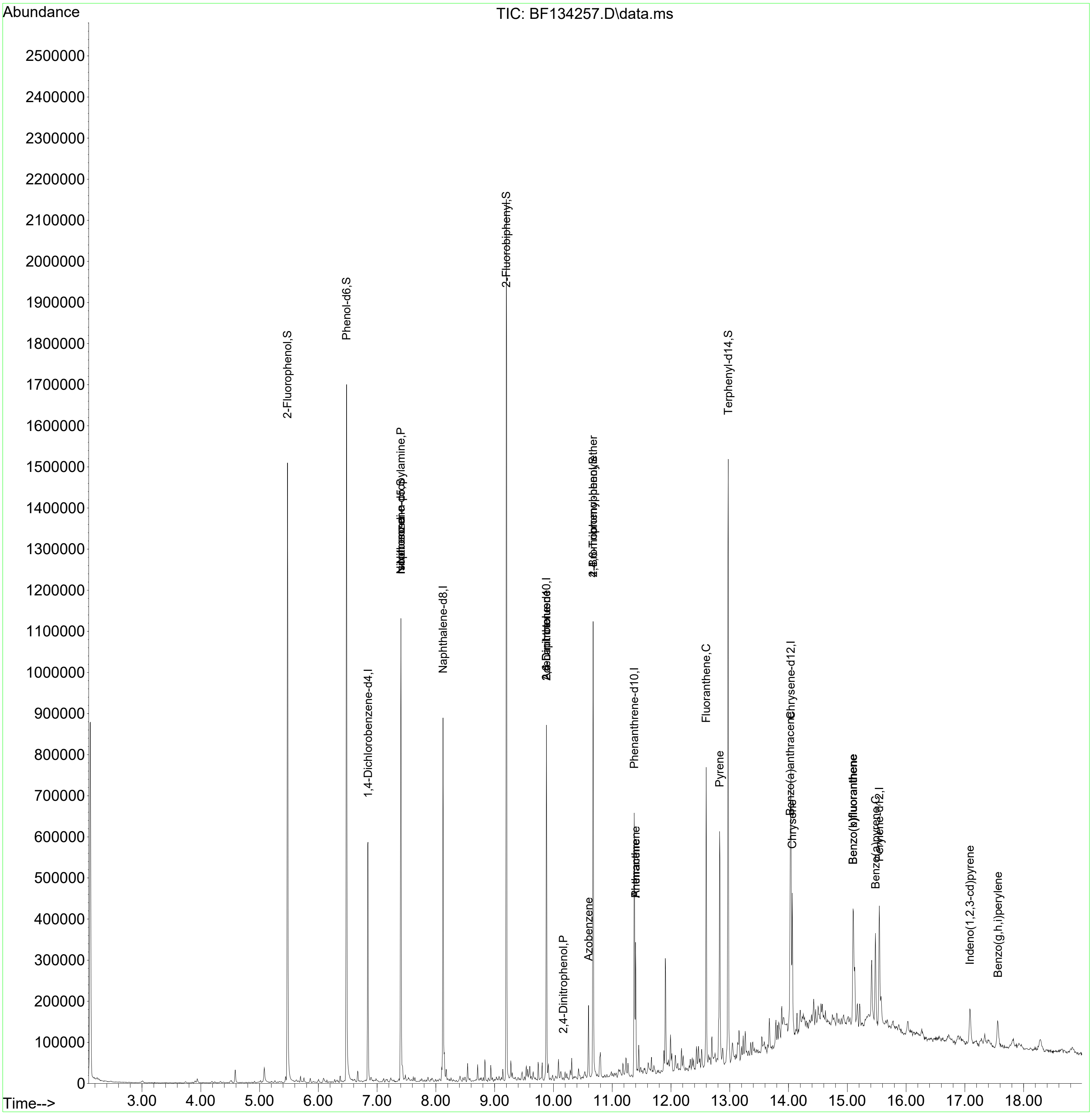
(#) = qualifier out of range (m) = manual integration (+) = signals summed

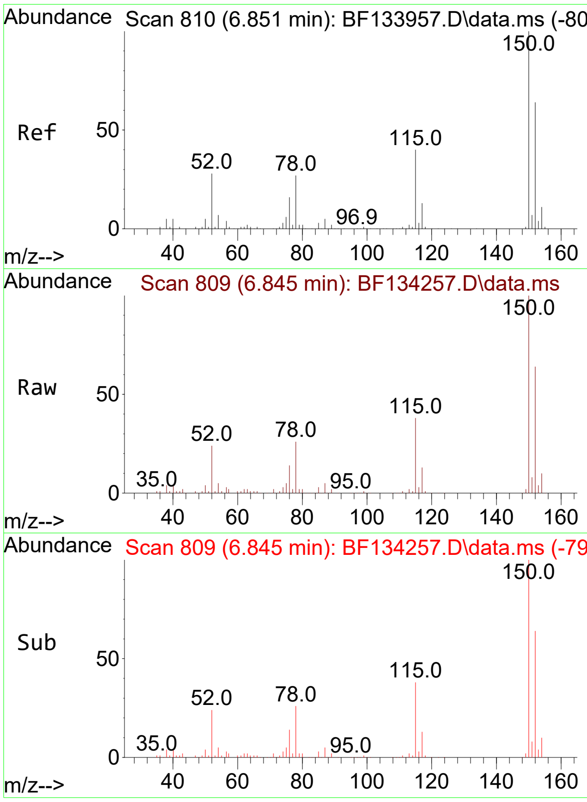
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134257.D
Acq On : 12 Jul 2023 20:56
Operator : CG\JU
Sample : O3555-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Quant Time: Jul 12 23:24:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration



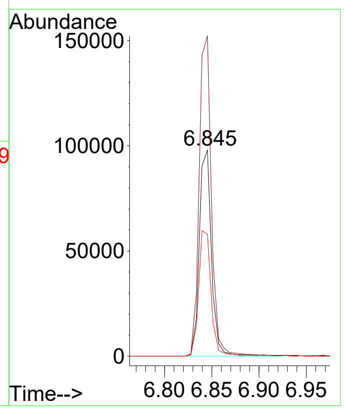


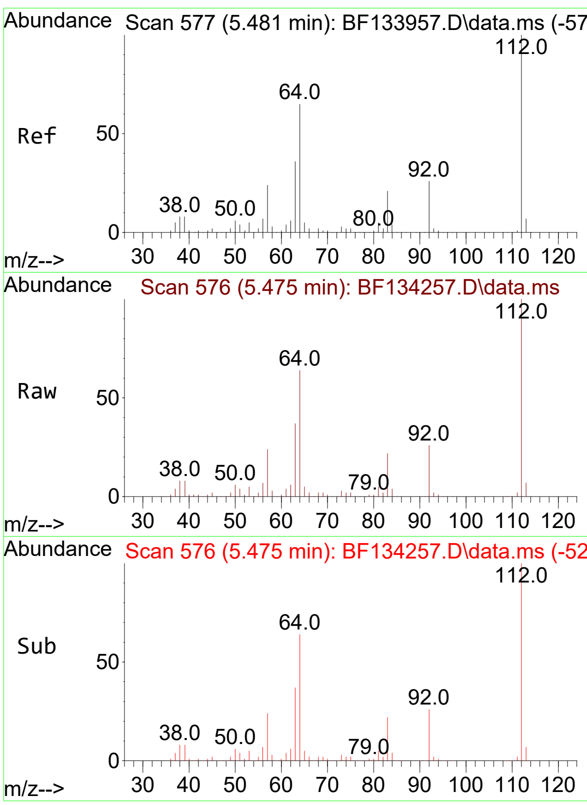
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min   Scan# 8
Delta R.T.   0.000 min
Lab File: BF134257.D
Acq: 12 Jul 2023   20:56

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:152 Resp: 88454

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.5	186.7
115	59.1	50.2	75.2

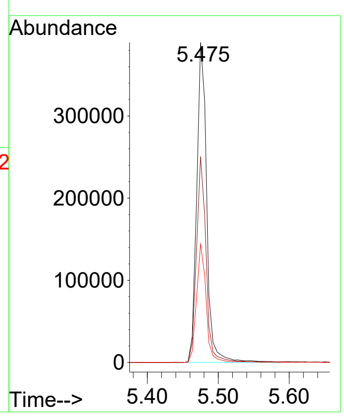


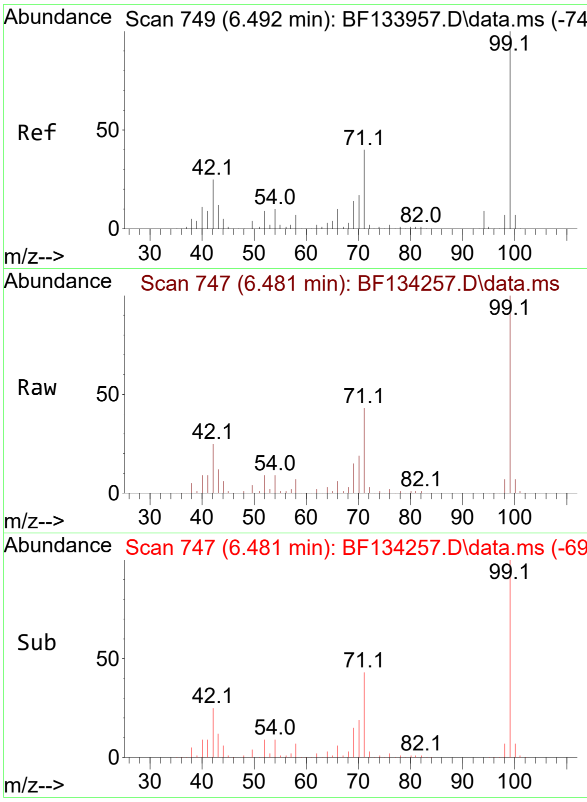


#5
2-Fluorophenol
Concen: 72.735 ng
RT: 5.475 min   Scan# 576
Delta R.T.   0.000 min
Lab File: BF134257.D
Acq: 12 Jul 2023   20:56

Tgt Ion:112 Resp: 384615

Ion	Ratio	Lower	Upper
112	100		
64	64.4	52.1	78.1
63	37.0	28.6	42.8



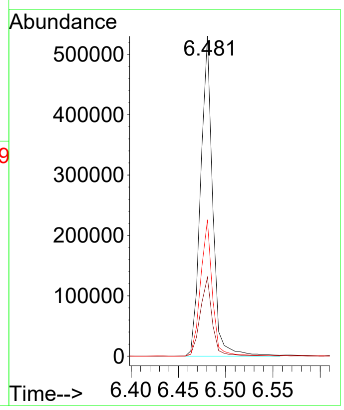


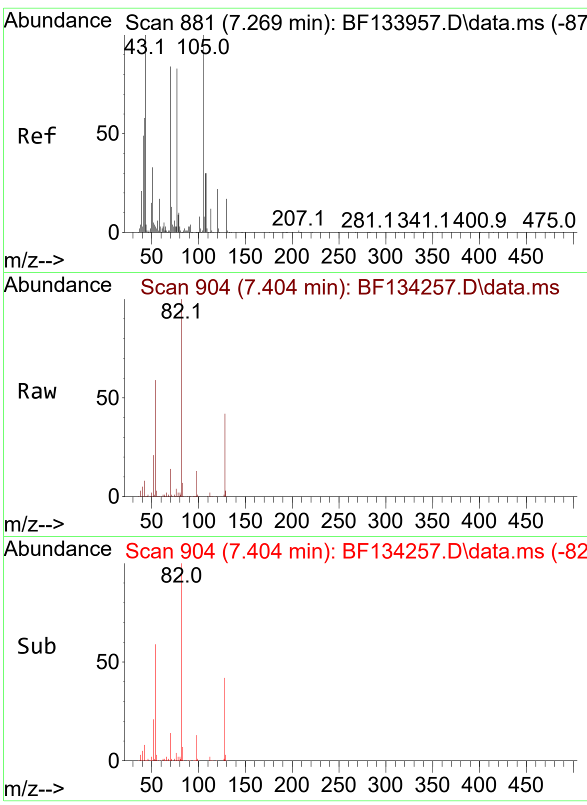
#7
Phenol-d6
Concen: 72.426 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion: 99 Resp: 470990

Ion	Ratio	Lower	Upper
99	100		
42	24.6	19.8	29.6
71	42.6	31.9	47.9

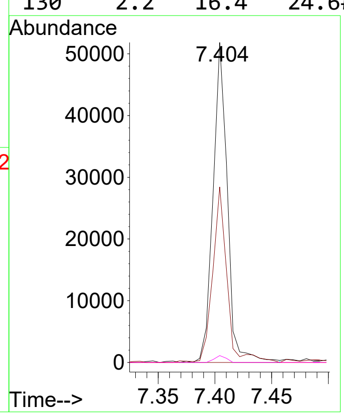


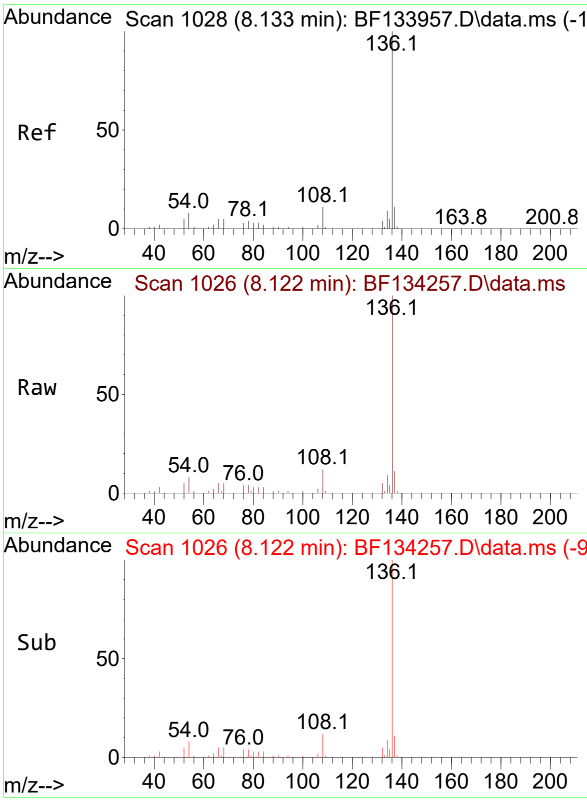


#19
n-Nitroso-di-n-propylamine
Concen: 11.047 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Tgt Ion: 70 Resp: 45557

Ion	Ratio	Lower	Upper
70	100		
42	54.8	54.7	82.1
101	0.0	7.7	11.5#
130	2.2	16.4	24.6#



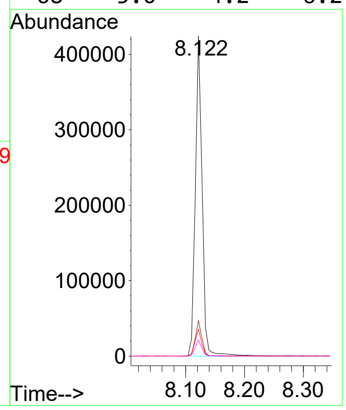


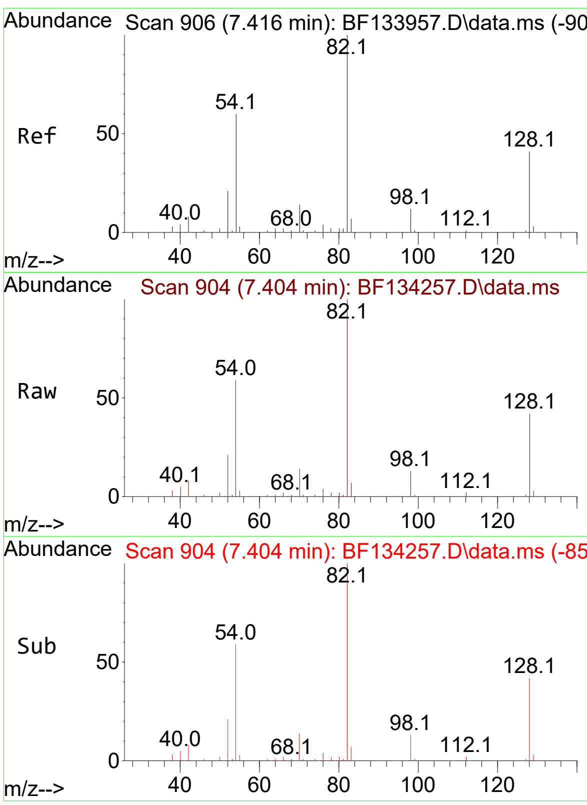
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min   Scan# 1
Delta R.T.   -0.006 min
Lab File: BF134257.D
Acq: 12 Jul 2023   20:56

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:136 Resp: 341632

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.5	6.5	9.7
68	5.0	4.2	6.2

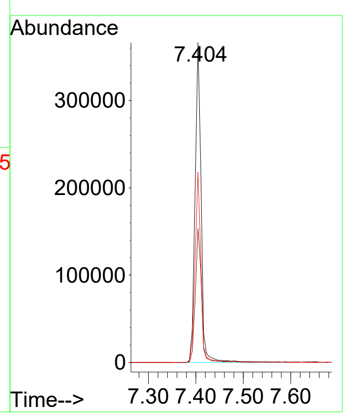


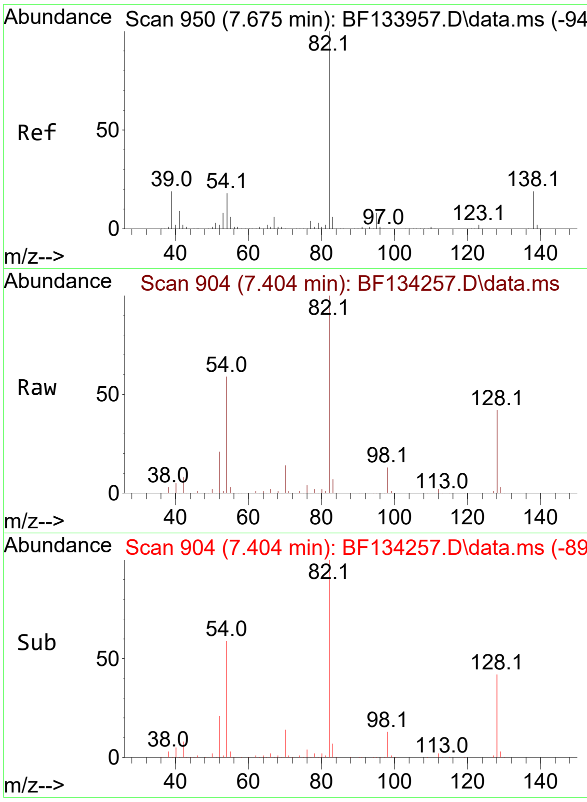


#23
Nitrobenzene-d5
Concen: 51.283 ng
RT: 7.404 min   Scan# 904
Delta R.T.   -0.006 min
Lab File: BF134257.D
Acq: 12 Jul 2023   20:56

Tgt Ion: 82 Resp: 325013

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.5	48.7
54	59.5	48.2	72.2



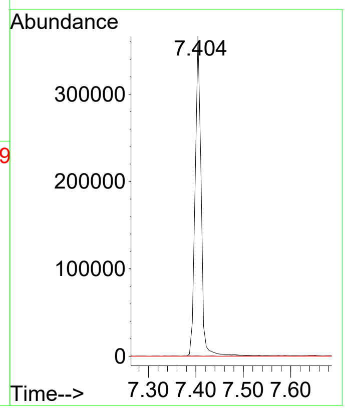


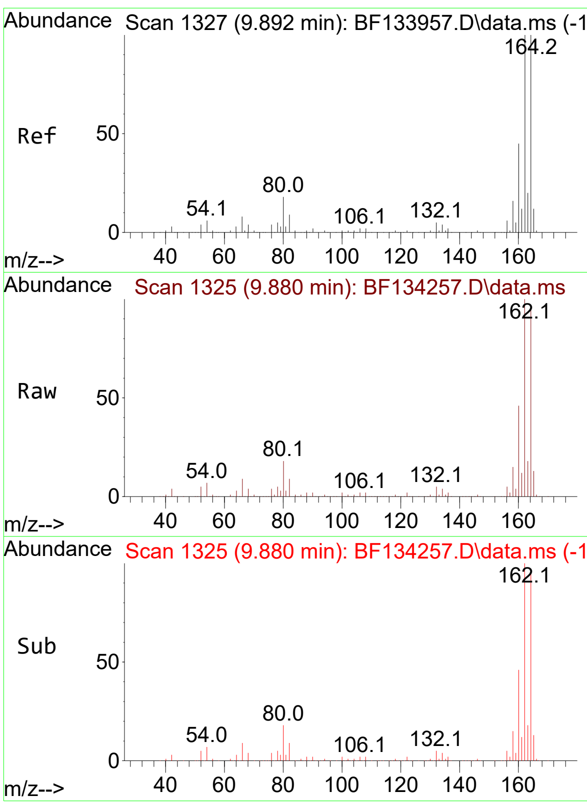
#25
Isophorone
Concen: 28.217 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion: 82 Resp: 325013

Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.1	9.1#
138	0.0	15.2	22.8#

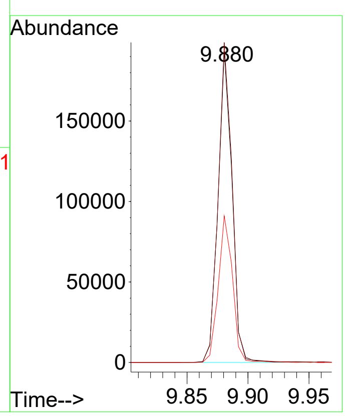


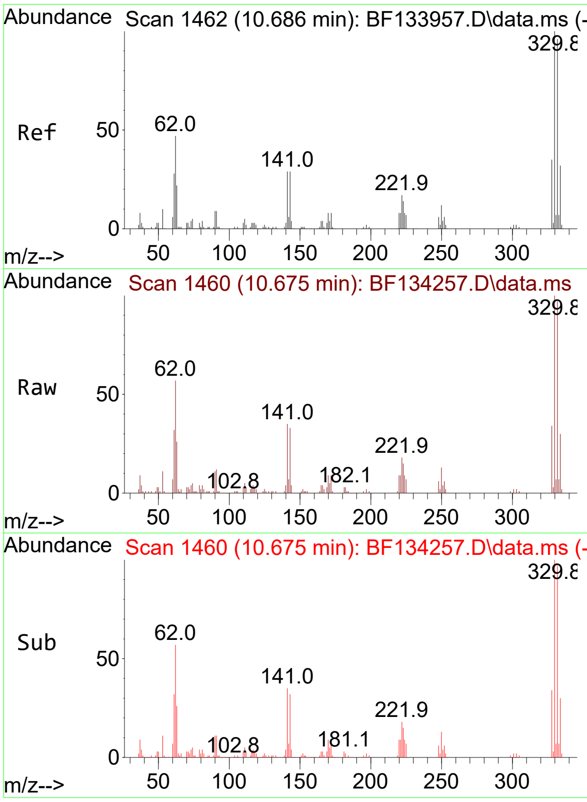


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Tgt Ion:164 Resp: 154616

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.0	120.0
160	47.1	35.9	53.9



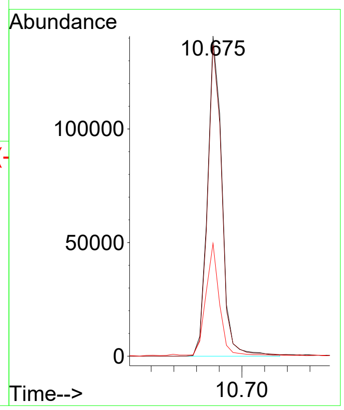


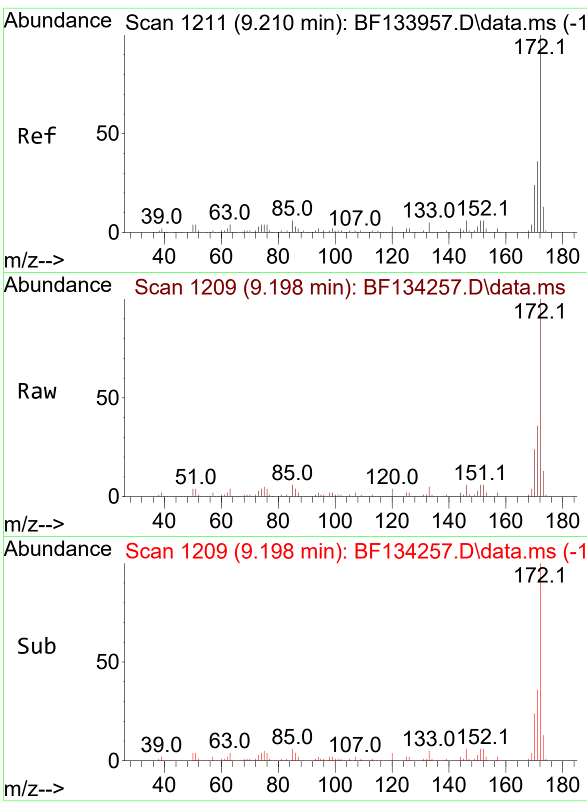
#42
2,4,6-Tribromophenol
Concen: 64.254 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:330 Resp: 124562

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.5	26.3	39.5

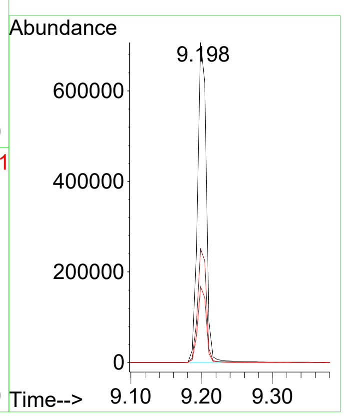


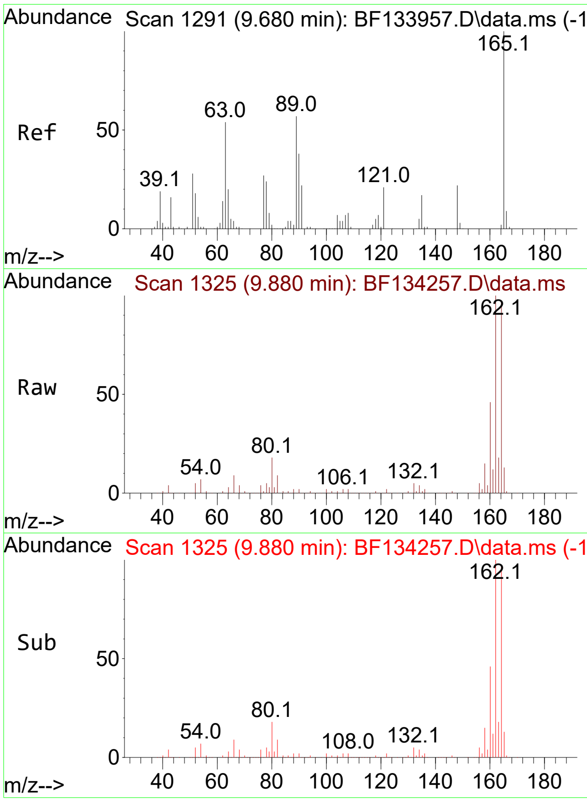


#45
2-Fluorobiphenyl
Concen: 57.644 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Tgt Ion:172 Resp: 613026

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.7	19.4	29.0





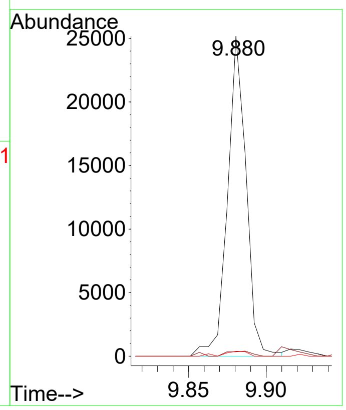
#51
2,6-Dinitrotoluene
Concen: 8.679 ng
RT: 9.880 min   Scan# 1

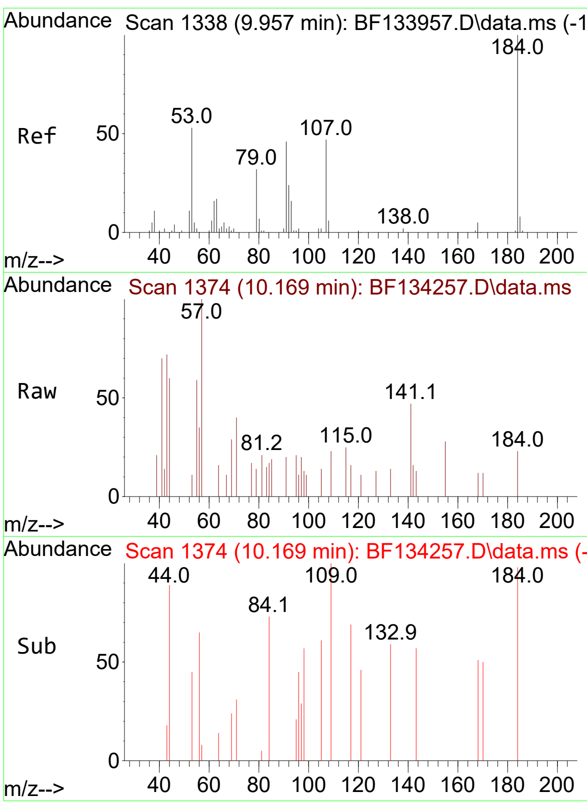
Instrument :
BNA_F
ClientSampleId :
VNJ-240

Delta R.T.   0.206 min
Lab File: BF134257.D
Acq: 12 Jul 2023   20:56

Tgt Ion:165 Resp: 20981

Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.5	72.7#
89	1.5	45.5	68.3#

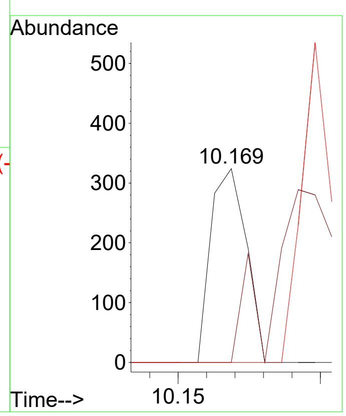


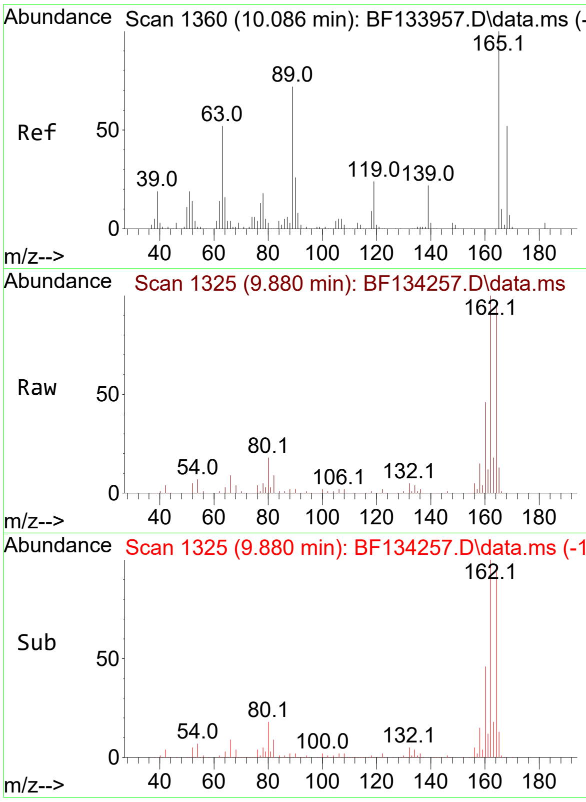


#54
2,4-Dinitrophenol
Concen: 4.056 ng
RT: 10.169 min   Scan# 1374
Delta R.T.   0.212 min
Lab File: BF134257.D
Acq: 12 Jul 2023   20:56

Tgt Ion:184 Resp: 282

Ion	Ratio	Lower	Upper
184	100		
63	0.0	56.9	85.3#
154	0.0	55.4	83.0#



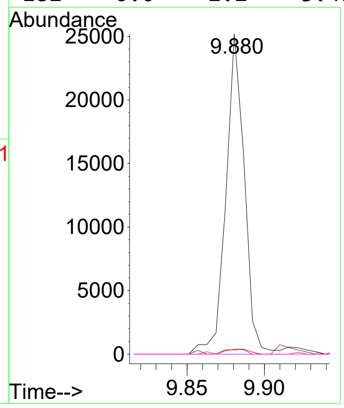


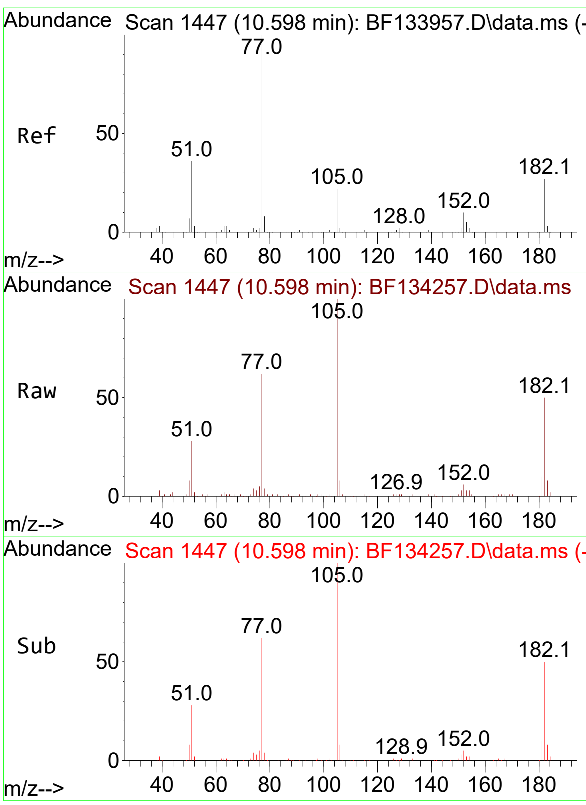
#57
2,4-Dinitrotoluene
Concen: 6.572 ng
RT: 9.880 min Scan# 1
Delta R.T. -0.200 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:165 Resp: 20981

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.5	57.4	86.2#
182	0.0	2.2	3.4#

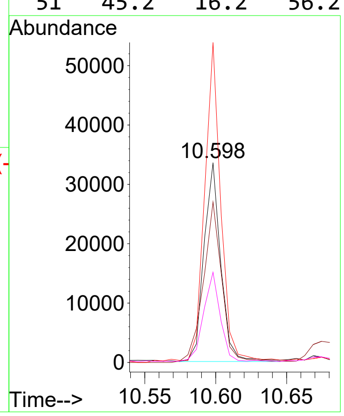


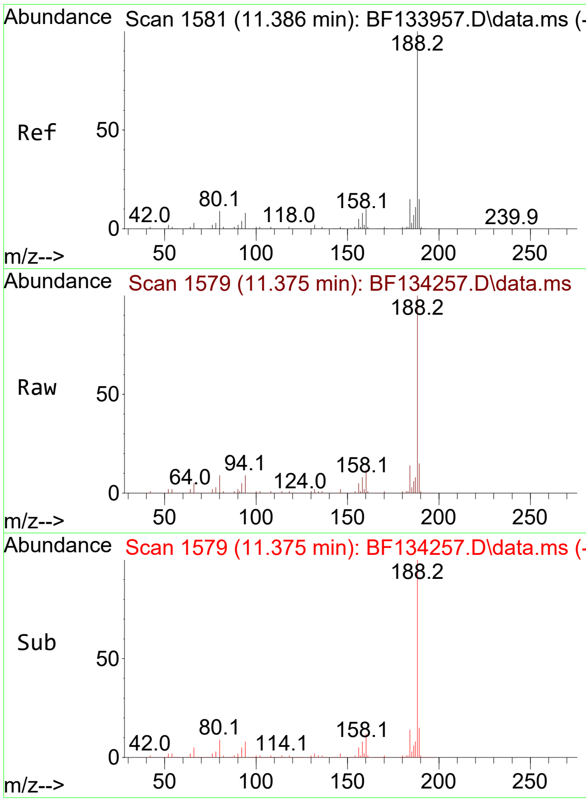


#63
Azobenzene
Concen: 2.514 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Tgt Ion: 77 Resp: 27809

Ion	Ratio	Lower	Upper
77	100		
182	80.4	6.8	46.8#
105	160.3	2.3	42.3#
51	45.2	16.2	56.2



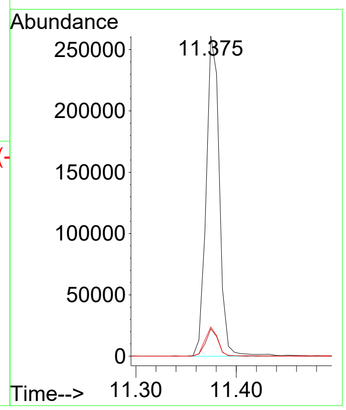


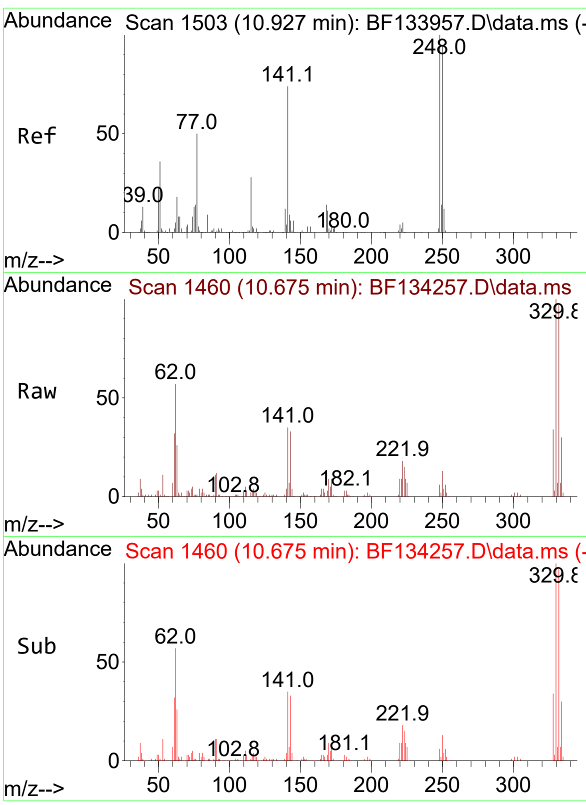
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:188 Resp: 240848

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.4	9.6
80	9.1	7.3	10.9

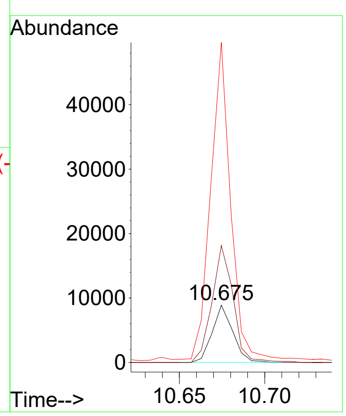


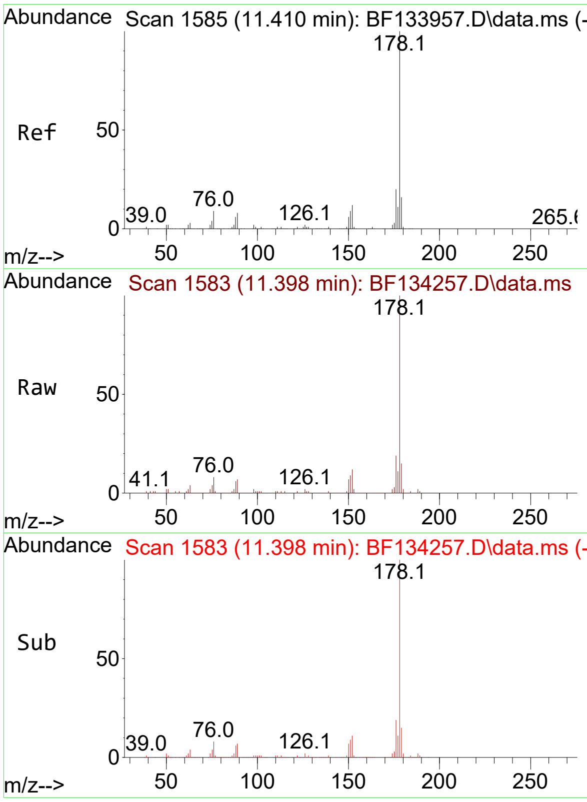


#67
4-Bromophenyl-phenylether
Concen: 2.922 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Tgt Ion:248 Resp: 7479

Ion	Ratio	Lower	Upper
248	100		
250	203.8	76.2	114.4#
141	558.0	59.0	88.4#



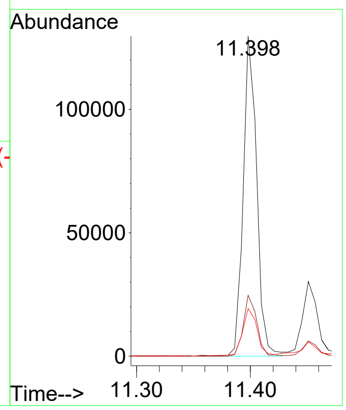


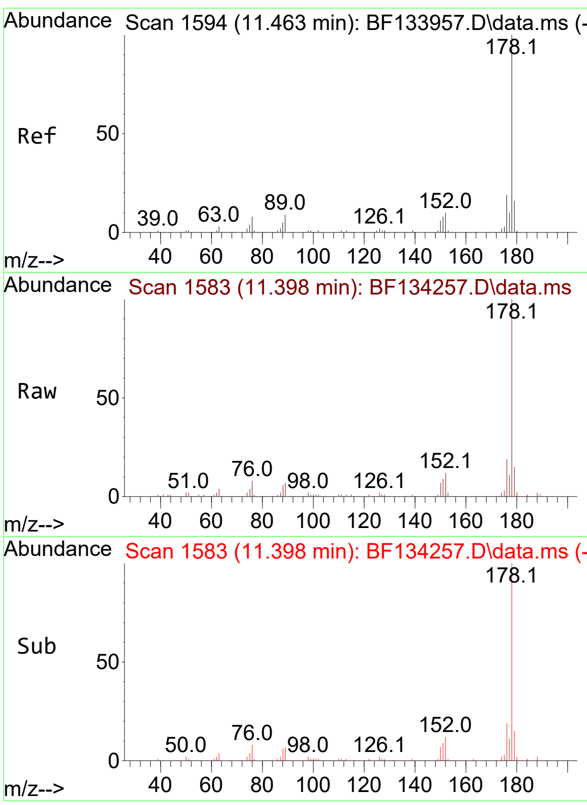
#71
Phenanthrene
Concen: 8.838 ng
RT: 11.398 min Scan# 1
Delta R.T.   -0.006 min
Lab File: BF134257.D
Acq: 12 Jul 2023   20:56

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:178 Resp: 107154

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	14.9	12.4	18.6

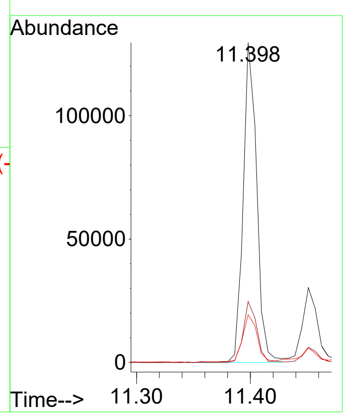


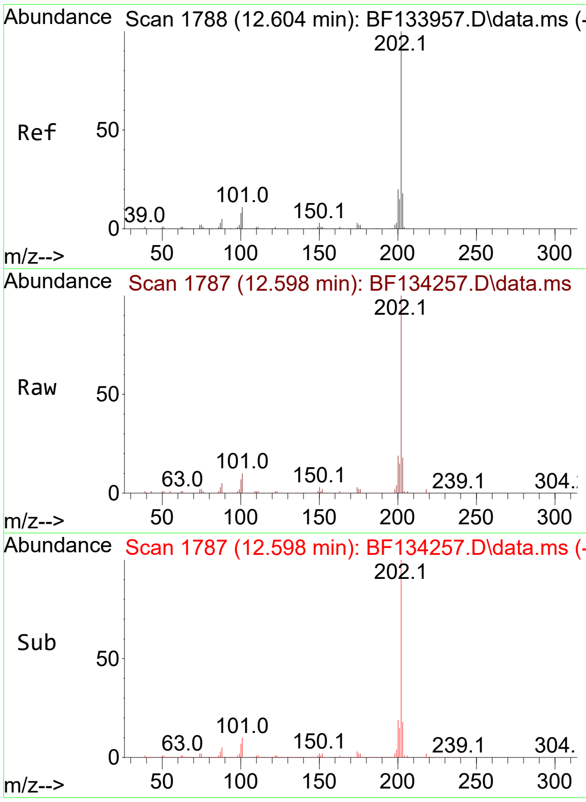


#72
Anthracene
Concen: 8.497 ng
RT: 11.398 min Scan# 1583
Delta R.T.   -0.059 min
Lab File: BF134257.D
Acq: 12 Jul 2023   20:56

Tgt Ion:178 Resp: 107154

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	14.9	12.4	18.6



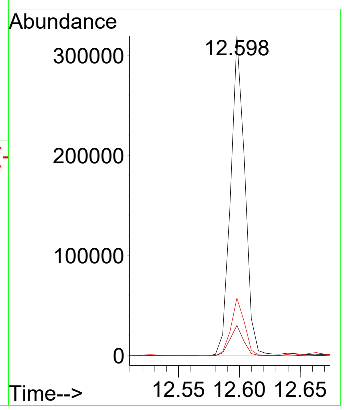


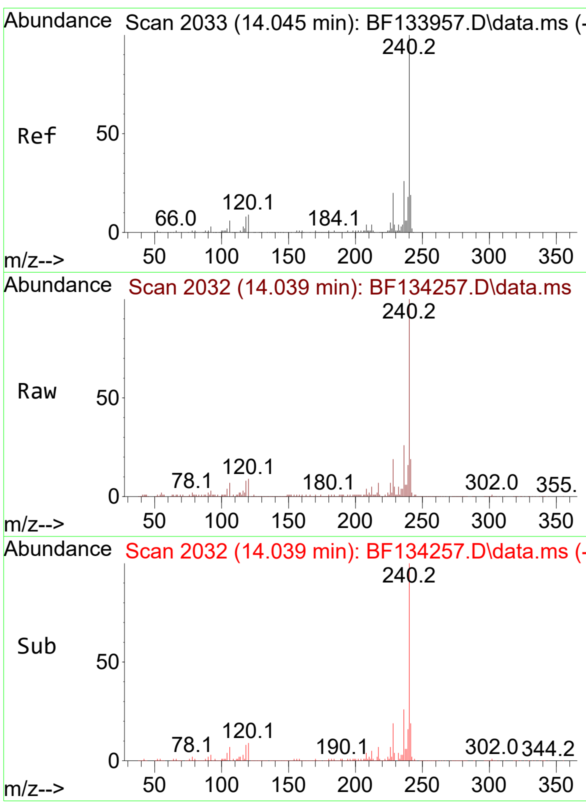
#75
Fluoranthene
Concen: 19.857 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:202 Resp: 260286

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.0
203	18.1	0.0	37.6

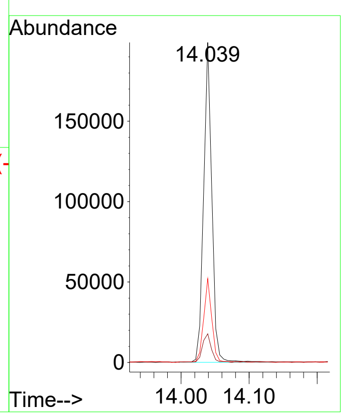


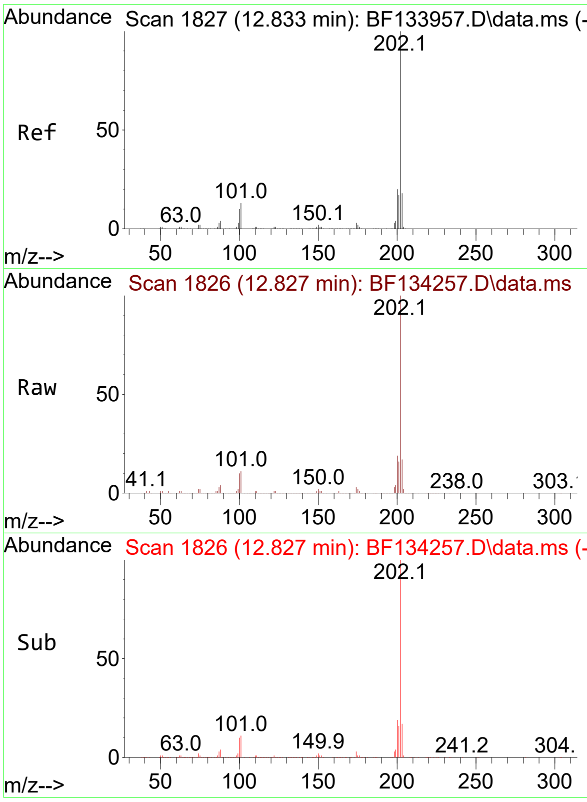


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Tgt Ion:240 Resp: 167198

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.4	11.0
236	26.2	21.0	31.6



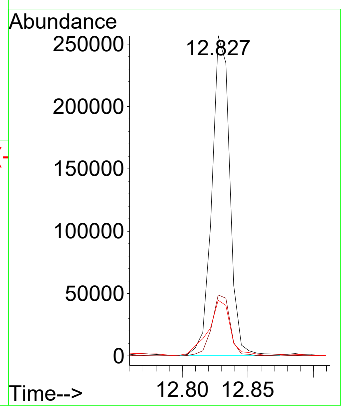


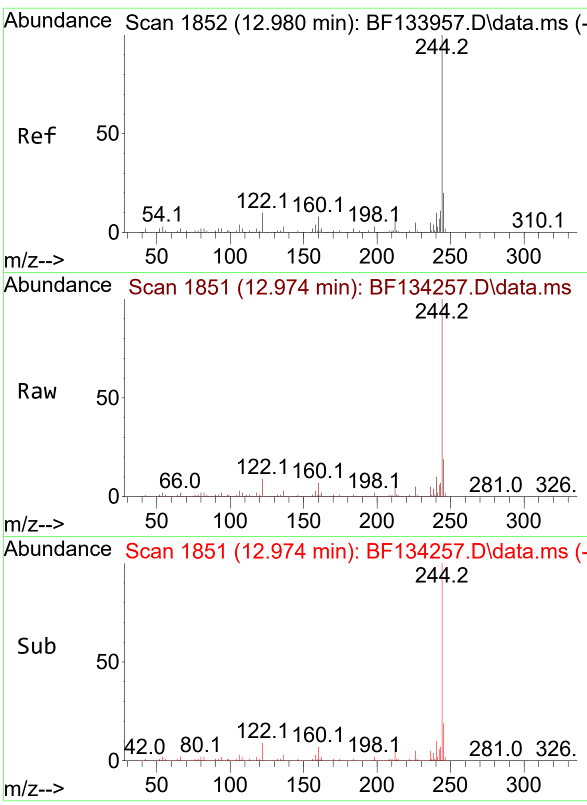
#78
Pyrene
Concen: 15.703 ng
RT: 12.827 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:202 Resp: 244346

Ion	Ratio	Lower	Upper
202	100		
200	19.1	16.1	24.1
203	17.4	14.3	21.5

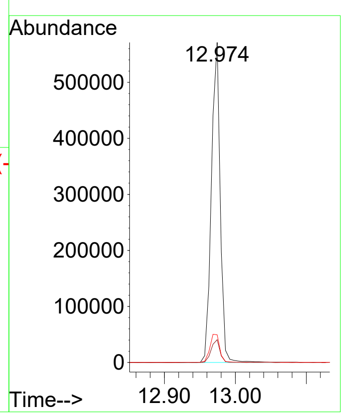


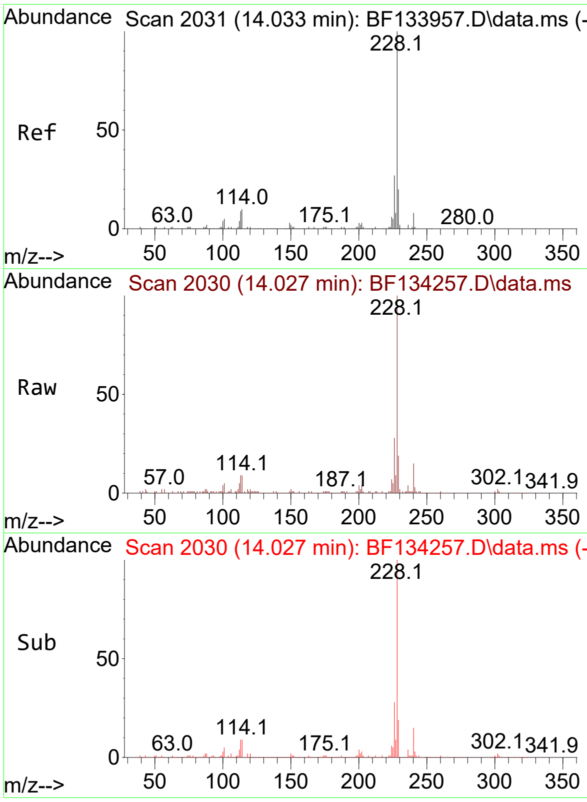


#79
Terphenyl-d14
Concen: 47.683 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Tgt Ion:244 Resp: 495370

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	8.7	8.3	12.5



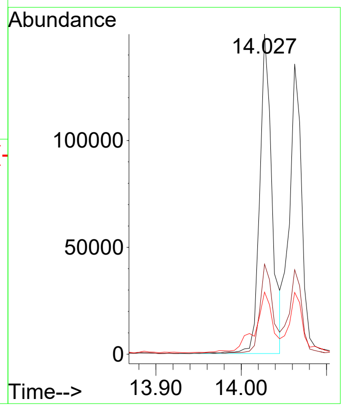


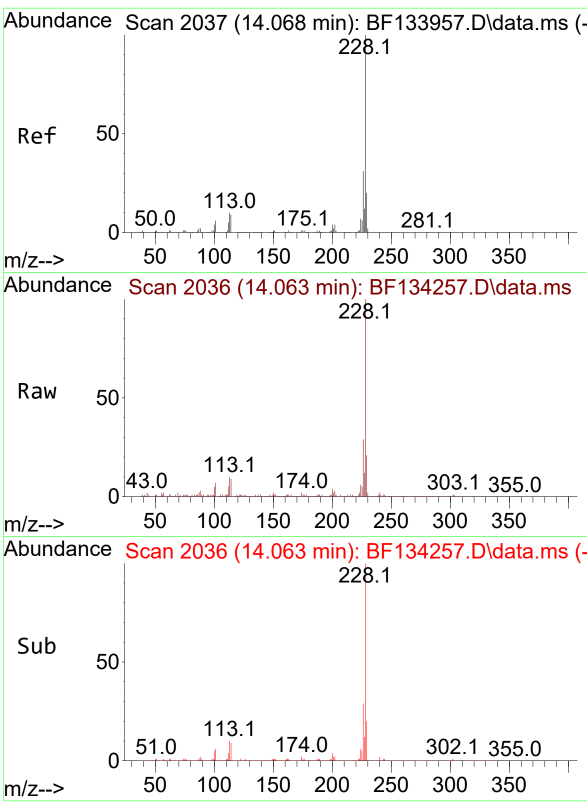
#81
Benzo(a)anthracene
Concen: 12.905 ng
RT: 14.027 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:228 Resp: 149635

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.0	33.0
229	19.4	16.3	24.5

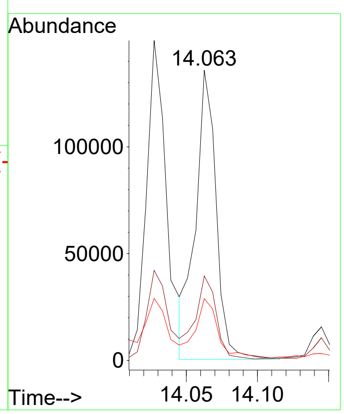


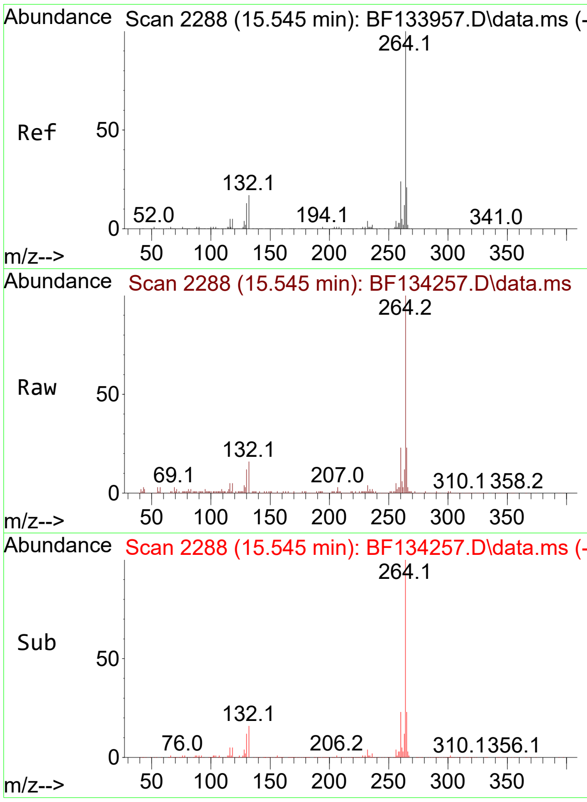


#83
Chrysene
Concen: 12.201 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Tgt Ion:228 Resp: 137027

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.4	36.6
229	21.3	16.1	24.1



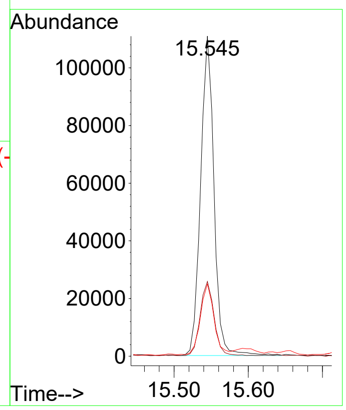


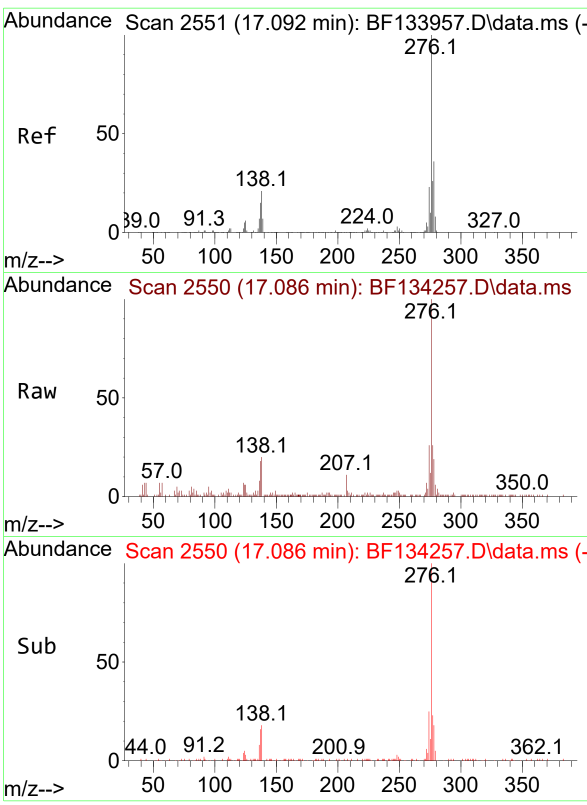
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:264 Resp: 138596

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.5	16.6	25.0

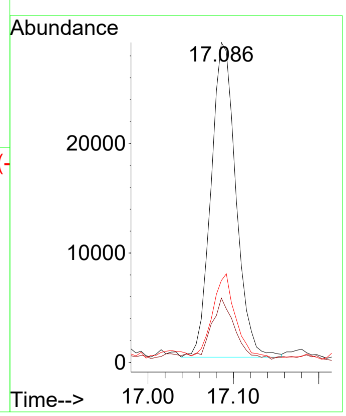


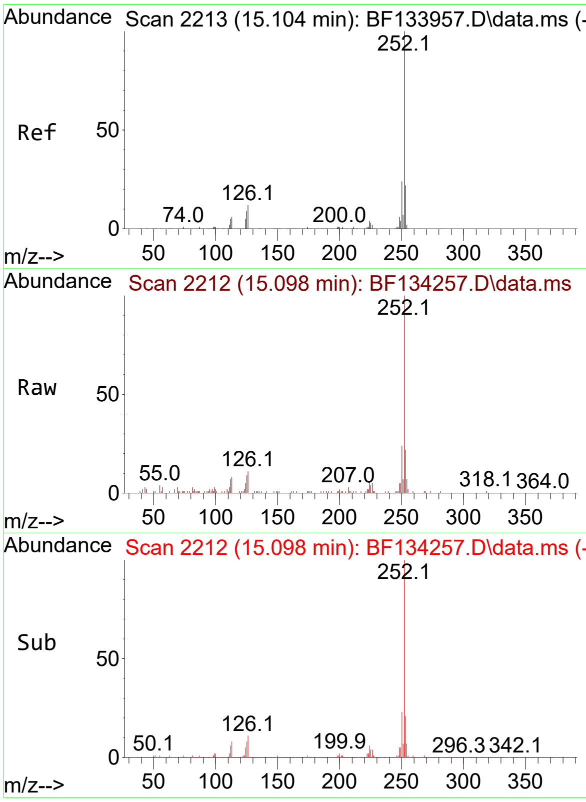


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.067 ng
RT: 17.086 min Scan# 2550
Delta R.T. -0.012 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Tgt Ion:276 Resp: 58346

Ion	Ratio	Lower	Upper
276	100		
138	18.3	18.7	28.1#
277	24.7	19.9	29.9



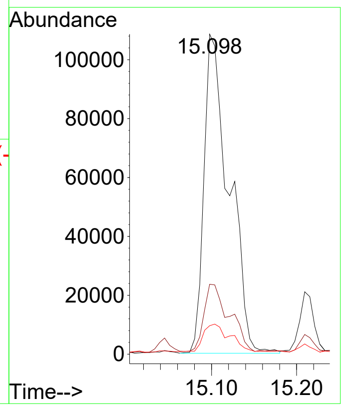


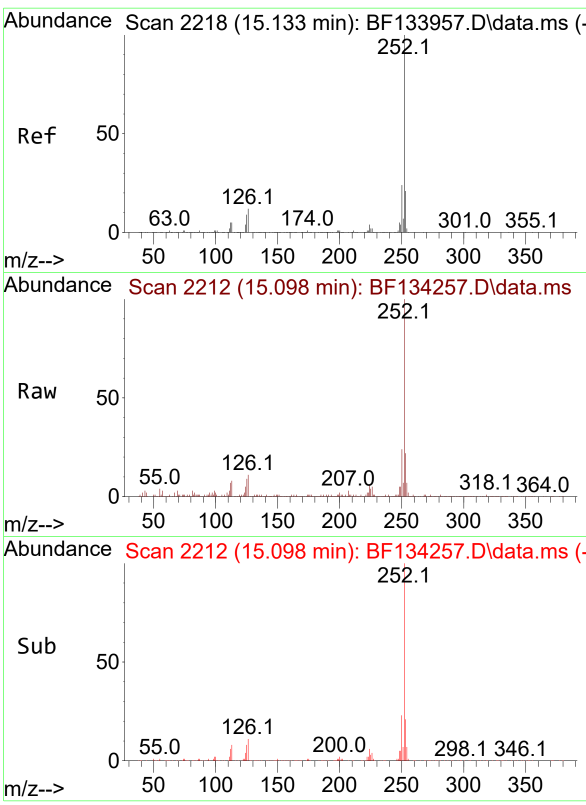
#88
Benzo(b)fluoranthene
Concen: 27.248 ng
RT: 15.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:252 Resp: 222062

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	8.9	7.1	10.7

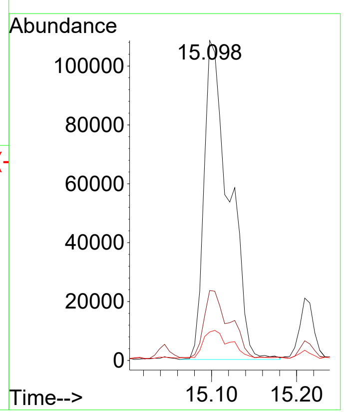


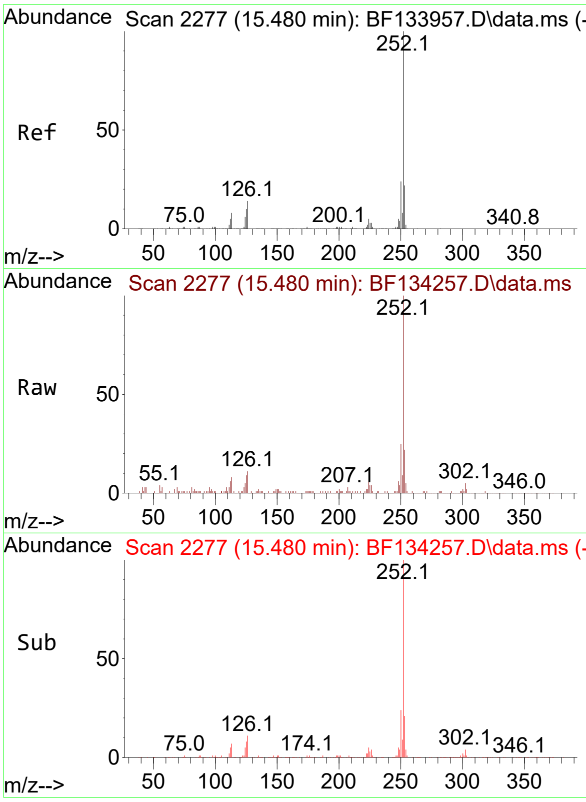


#89
Benzo(k)fluoranthene
Concen: 26.763 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.035 min
Lab File: BF134257.D
Acq: 12 Jul 2023 20:56

Tgt Ion:252 Resp: 222062

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.9	25.3
125	8.9	7.4	11.2



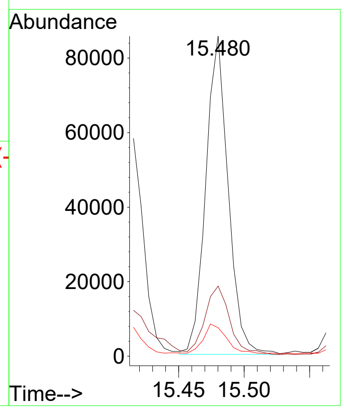


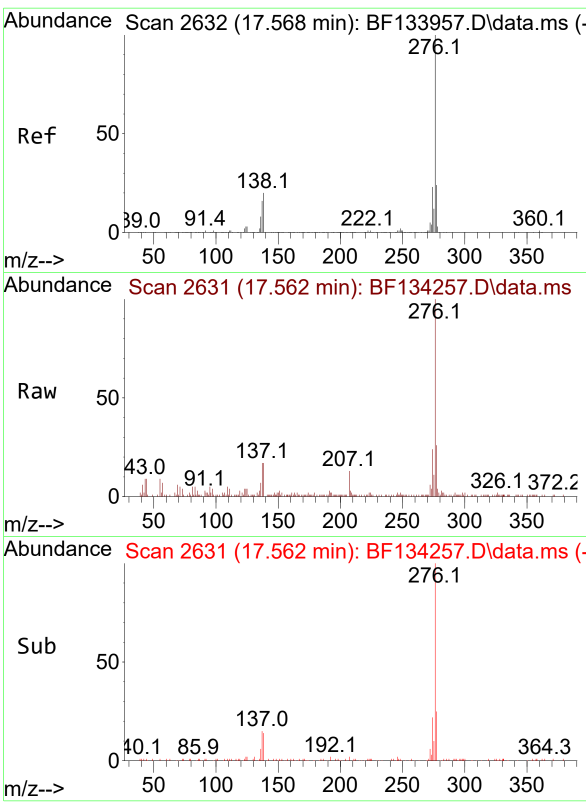
#90
Benzo(a)pyrene
Concen: 12.926 ng
RT: 15.480 min   Scan# 2
Delta R.T.   0.000 min
Lab File: BF134257.D
Acq: 12 Jul 2023   20:56

Instrument :
BNA_F
ClientSampleId :
VNJ-240

Tgt Ion:252 Resp: 101866

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	8.9	8.4	12.6





#92
Benzo(g,h,i)perylene
Concen: 6.796 ng
RT: 17.562 min   Scan# 2631
Delta R.T.   -0.006 min
Lab File: BF134257.D
Acq: 12 Jul 2023   20:56

Tgt Ion:276 Resp: 55054

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.0	28.6
138	16.9	16.2	24.2