Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138406.D
Acq On : 01 Jul 2024 16:35
Operator : CG\JU
Sample : P3115-12 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Quant Time: Jul 01 17:37:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	172672	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	637651	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	263443	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	297539	20.000	ng	#	0.00
76) Chrysene-d12	14.033	240	287756	20.000	ng		0.00
86) Perylene-d12	15.498	264	311127	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	141974	13.632	ng		0.00
7) Phenol-d6	6.504	99	189703	13.522	ng		-0.01
23) Nitrobenzene-d5	7.428	82	107404	8.750	ng		-0.02
42) 2,4,6-Tribromophenol	10.698	330	21993	10.218	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	188618	11.394	ng		0.00
79) Terphenyl-d14	12.980	244	112947	5.379	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.428	82	106336	4.698	ng	#	67
32) Benzoic acid	7.951	122	177	4.125	ng	#	1
54) 2,4-Dinitrophenol	9.974	184	242	9.065	ng	#	1
56) 4-Nitrophenol	10.027	139	7805	3.214	ng	#	1
65) 4,6-Dinitro-2-methylph...	10.527	198	382	6.011	ng	#	1
71) Phenanthrene	11.427	178	302598	20.830	ng	#	97
72) Anthracene	11.427	178	302598	20.887	ng		95
73) Carbazole	11.627	167	28722	2.388	ng	#	16
75) Fluoranthene	12.615	202	518531	39.814	ng		98
78) Pyrene	12.845	202	689608	22.422	ng		99
81) Benzo(a)anthracene	14.021	228	410124	22.143	ng		95
83) Chrysene	14.057	228	519591	28.830	ng		97
87) Indeno(1,2,3-cd)pyrene	16.956	276	118661	7.591	ng		98
88) Benzo(b)fluoranthene	15.074	252	974653	57.096	ng	#	94
89) Benzo(k)fluoranthene	15.074	252	974653	61.989	ng	#	96
90) Benzo(a)pyrene	15.439	252	312036	20.855	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	34286	2.717	ng	#	87
92) Benzo(g,h,i)perylene	17.398	276	97453	7.894	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
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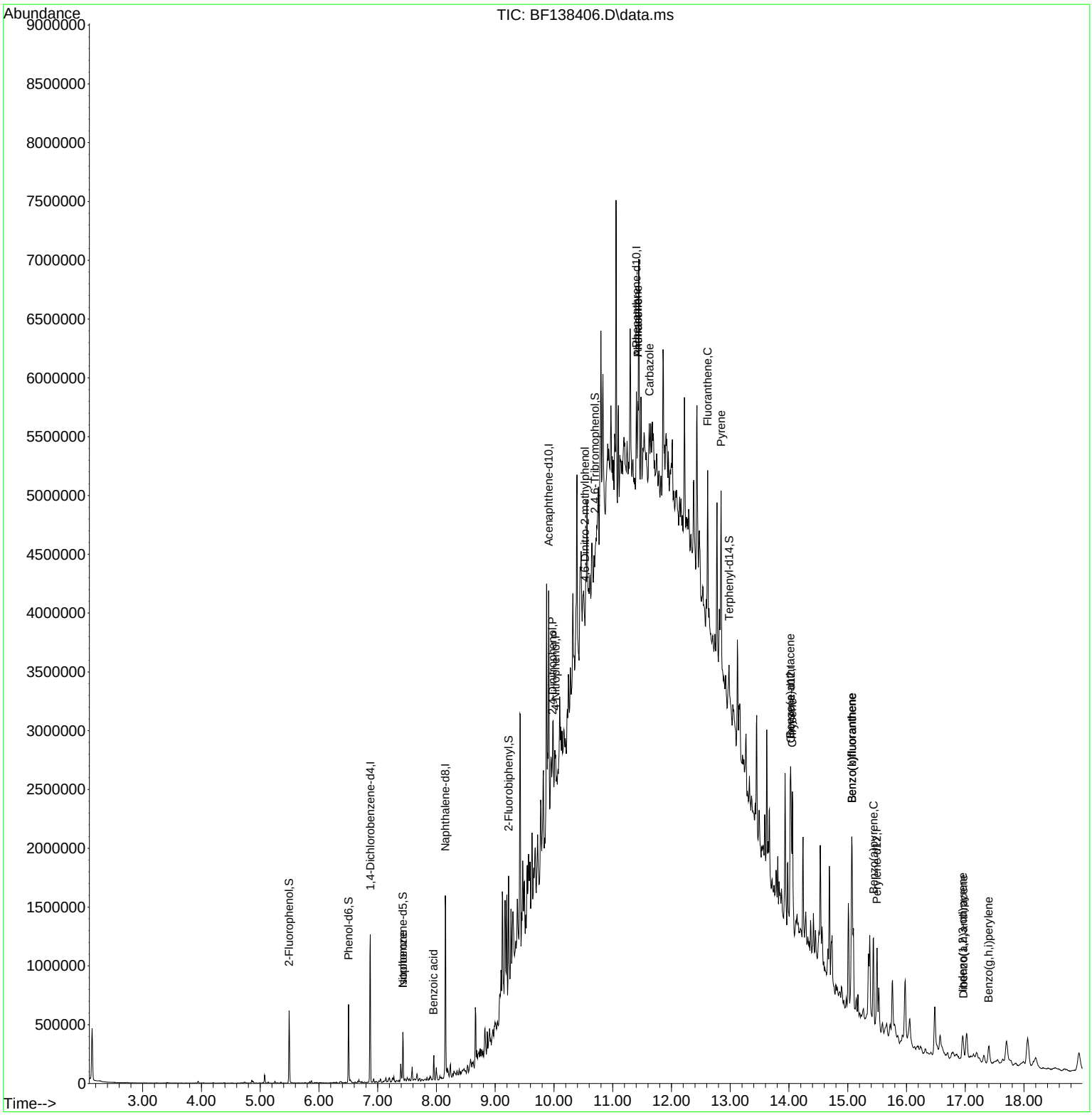
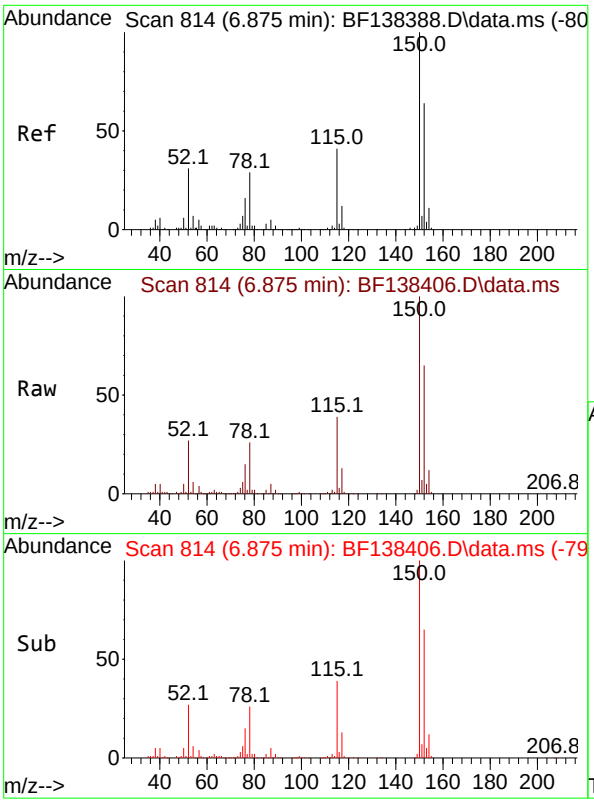


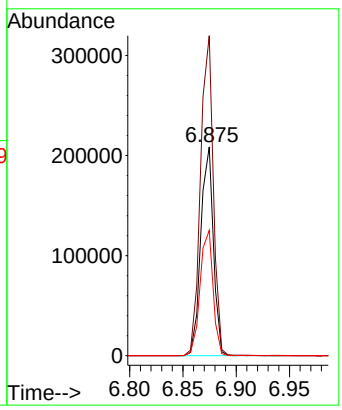


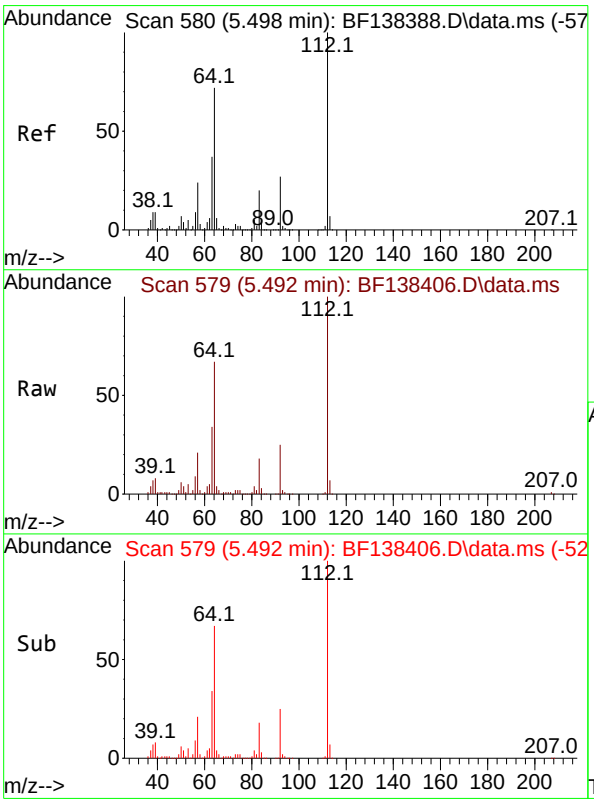
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Tgt Ion:152 Resp: 172672

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.9	187.3
115	60.0	50.8	76.2

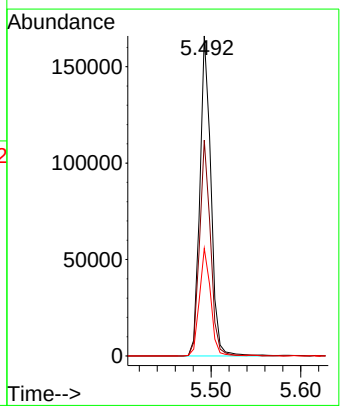


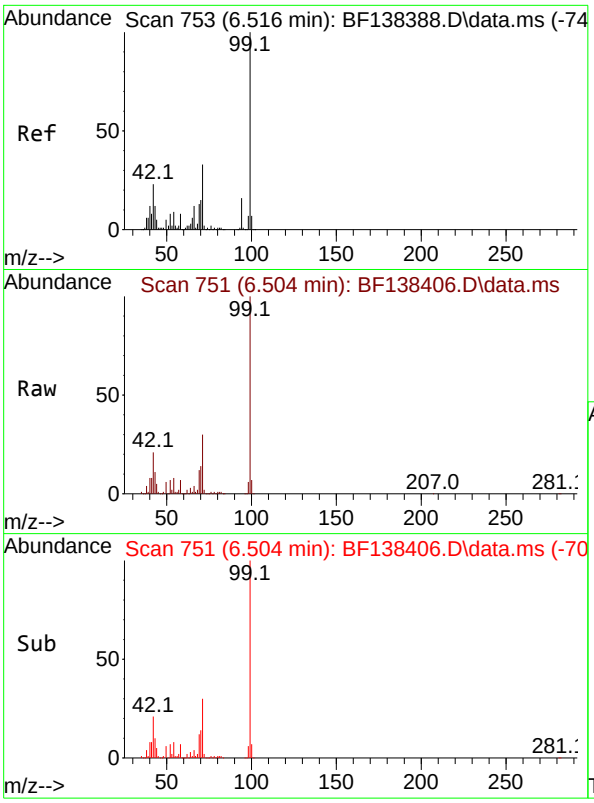


#5
2-Fluorophenol
Concen: 13.632 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Tgt Ion:112 Resp: 141974

Ion	Ratio	Lower	Upper
112	100		
64	67.5	57.2	85.8
63	33.6	29.4	44.0



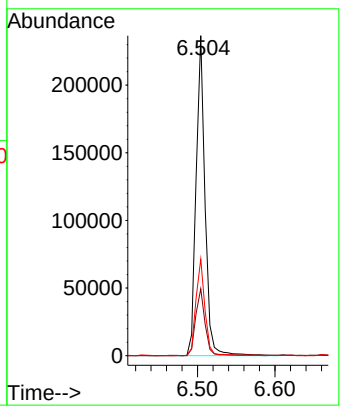


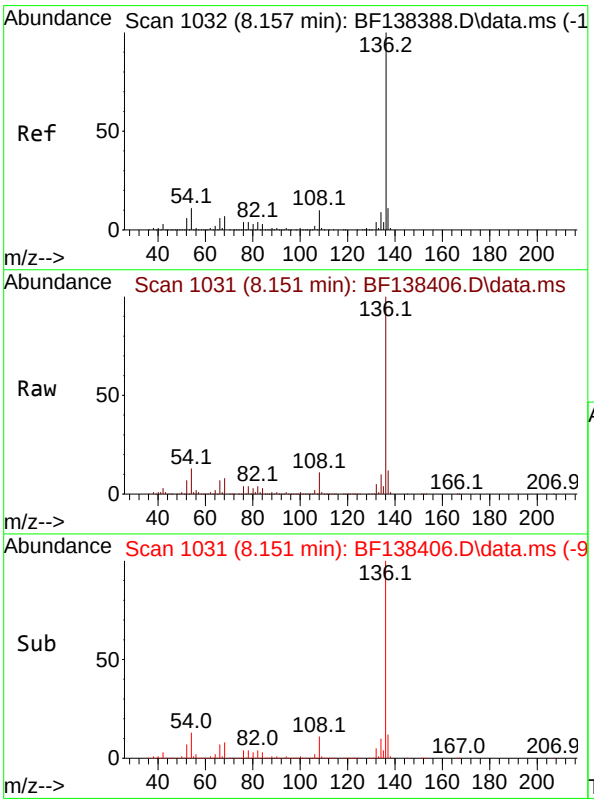
#7
Phenol-d6
Concen: 13.522 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Tgt Ion: 99 Resp: 189703

Ion	Ratio	Lower	Upper
99	100		
42	20.9	18.5	27.7
71	30.2	26.1	39.1

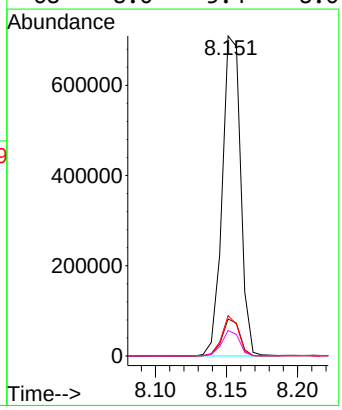


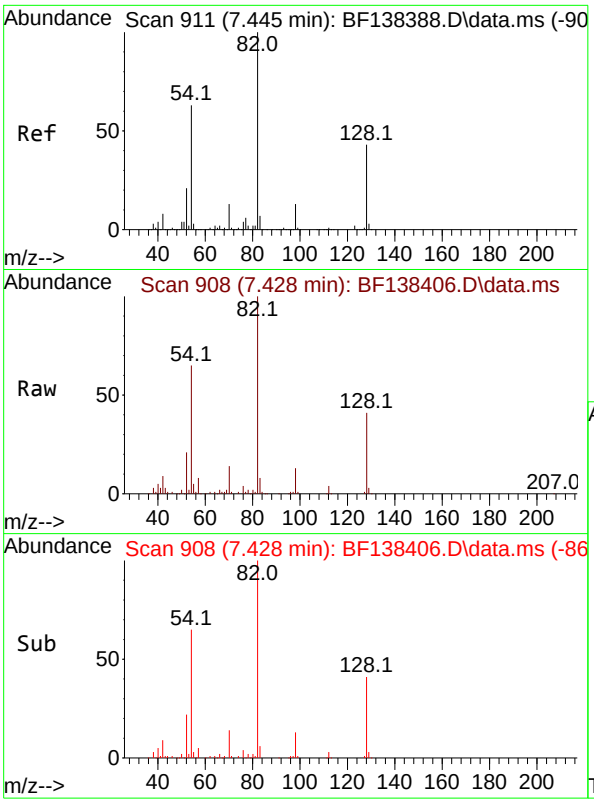


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Tgt Ion:136 Resp: 637651

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	12.6	9.0	13.4
68	8.0	5.4	8.0



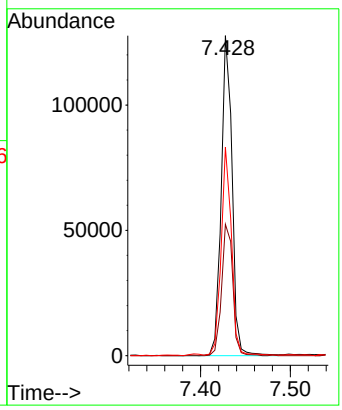


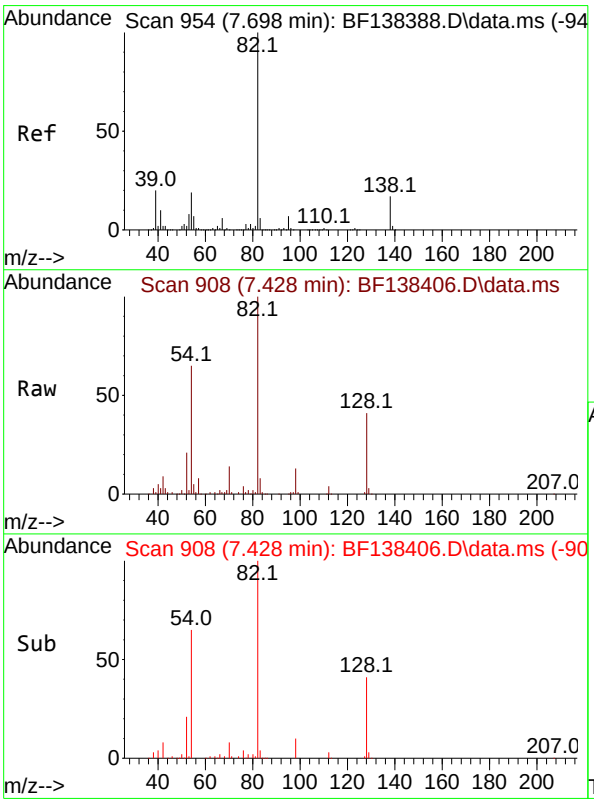
#23
Nitrobenzene-d5
Concen: 8.750 ng
RT: 7.428 min Scan# 9(
Delta R.T. -0.018 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Tgt Ion: 82 Resp: 107404

Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	65.2	50.5	75.7

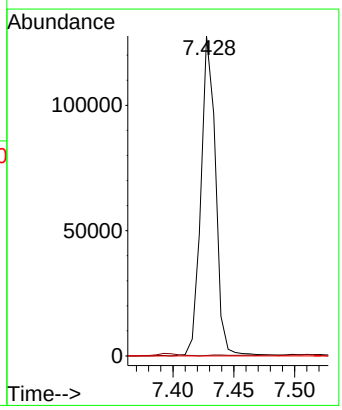


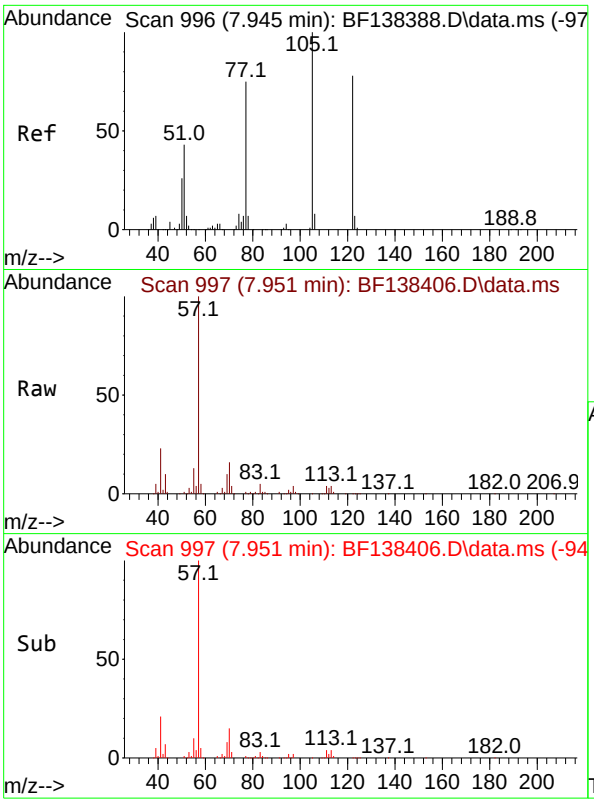


#25
Isophorone
Concen: 4.698 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Tgt Ion: 82 Resp: 106336

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.7	8.5#
138	0.0	13.4	20.2#



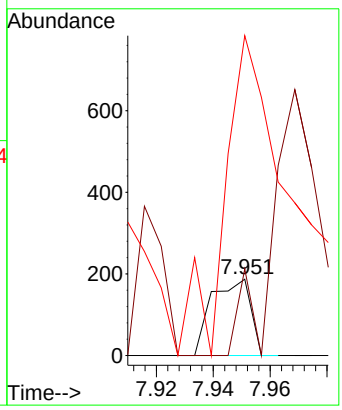


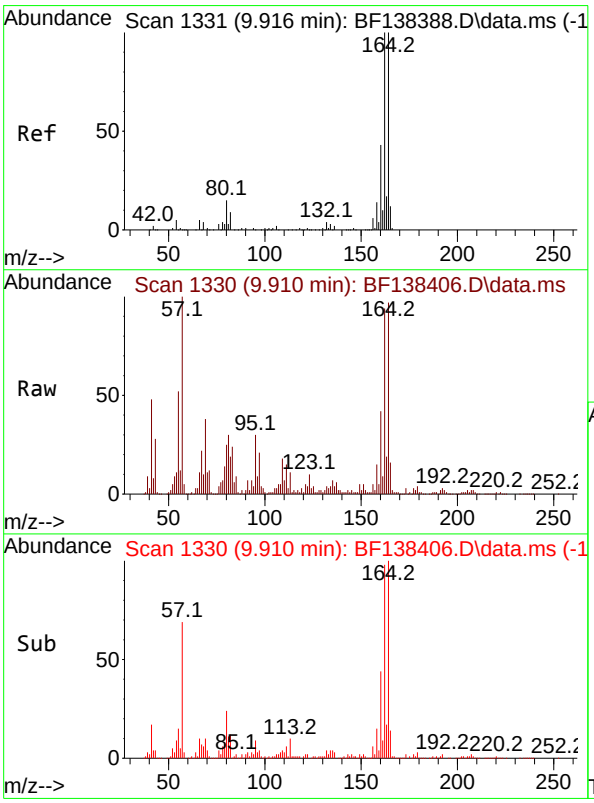
#32
Benzoic acid
Concen: 4.125 ng
RT: 7.951 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Tgt Ion:122 Resp: 177

Ion	Ratio	Lower	Upper
122	100		
105	113.4	103.8	143.8
77	419.3	74.3	114.3#

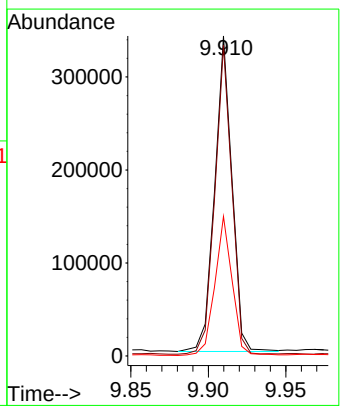


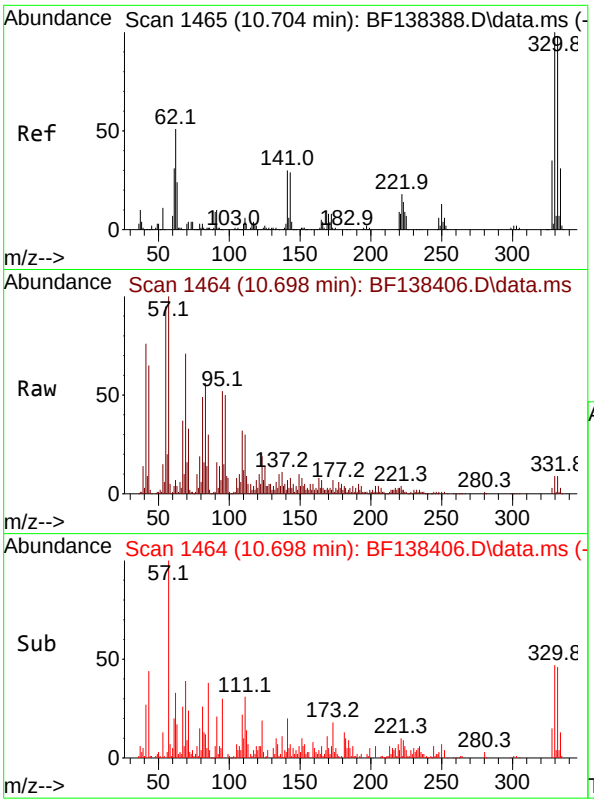


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Tgt Ion:164 Resp: 263443

Ion	Ratio	Lower	Upper
164	100		
162	97.1	80.1	120.1
160	43.6	34.1	51.1



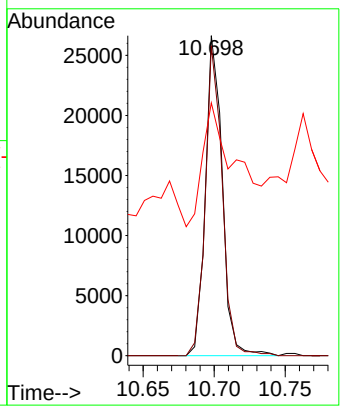


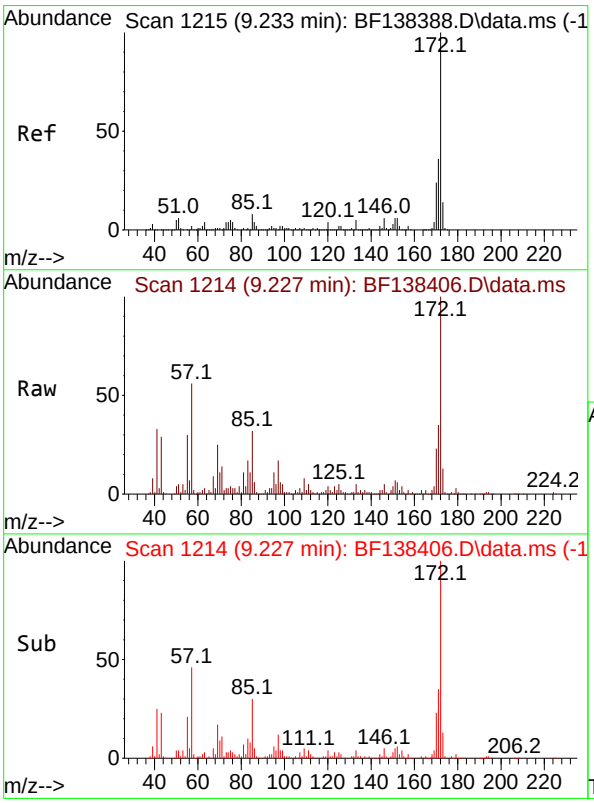
#42
2,4,6-Tribromophenol
Concen: 10.218 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Tgt Ion:330 Resp: 21993

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	76.6	28.1	42.1#

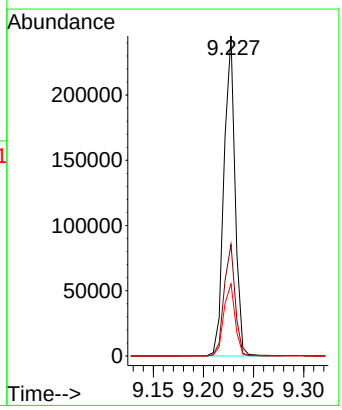


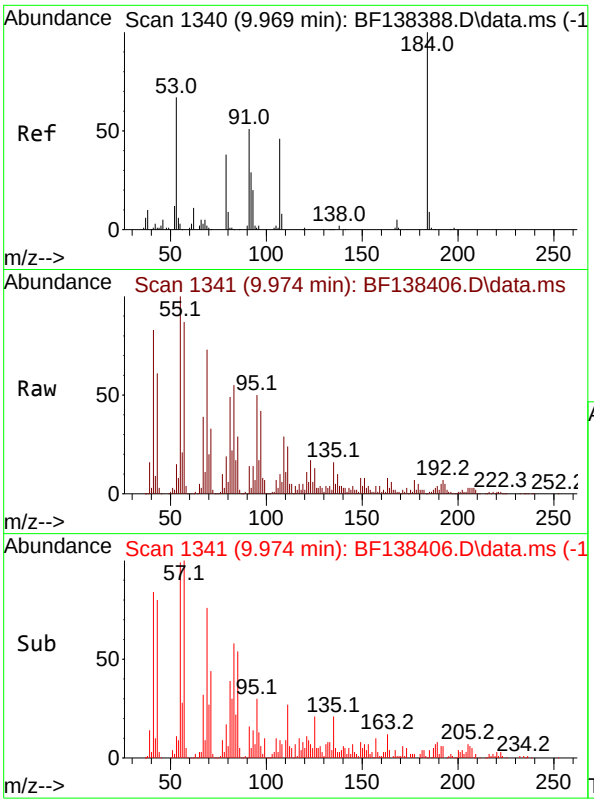


#45
2-Fluorobiphenyl
Concen: 11.394 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Tgt Ion:172 Resp: 188618

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.4
170	22.6	19.0	28.6



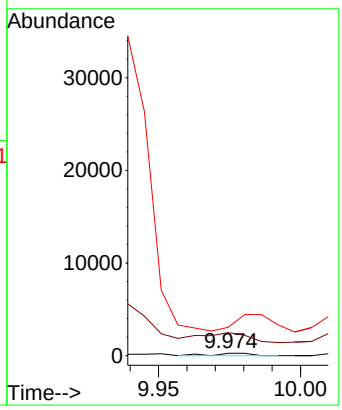


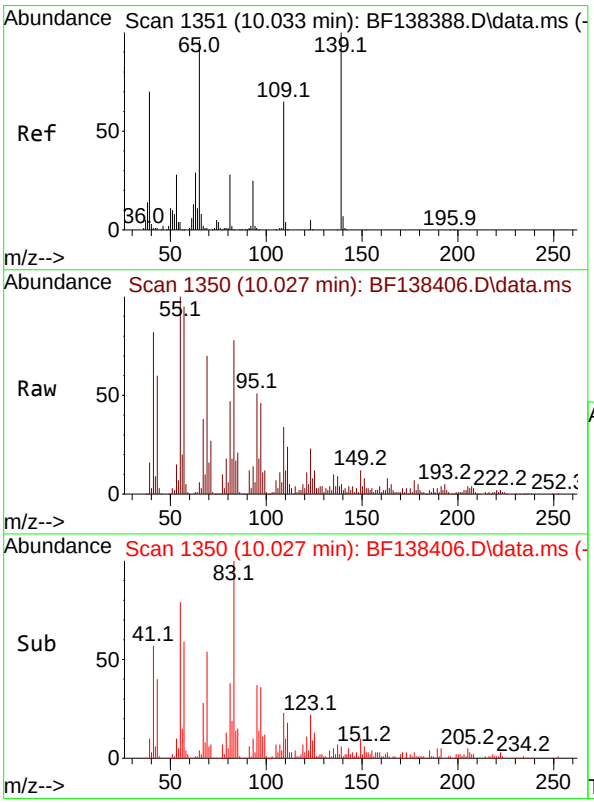
#54
2,4-Dinitrophenol
Concen: 9.065 ng
RT: 9.974 min Scan# 1
Delta R.T. 0.005 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Tgt Ion:184 Resp: 242

Ion	Ratio	Lower	Upper
184	100		
63	972.9	67.3	100.9#
154	1196.5	51.0	76.4#

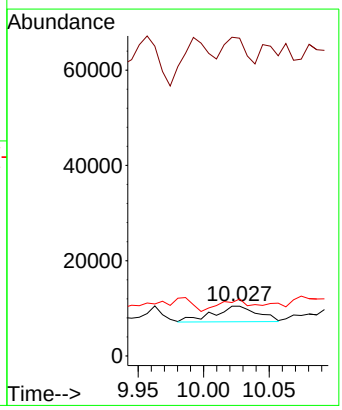


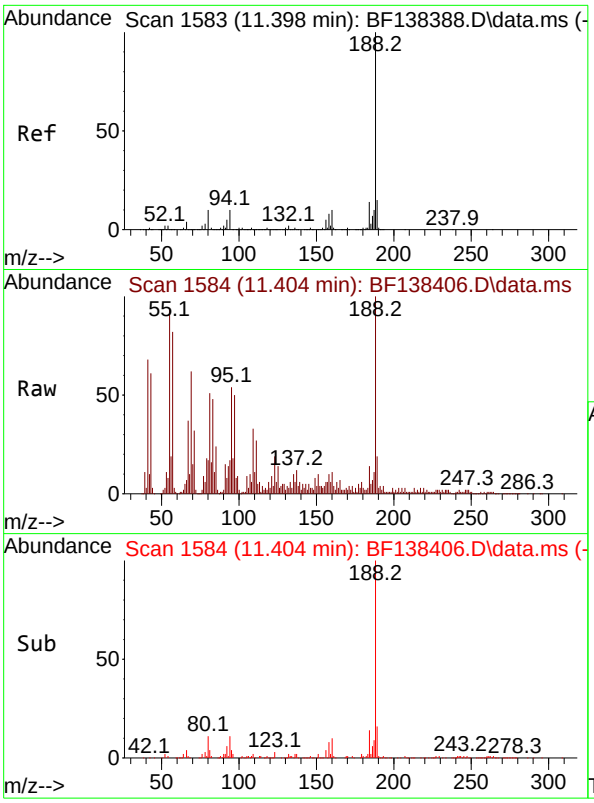


#56
4-Nitrophenol
Concen: 3.214 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Tgt Ion:139 Resp: 7805

Ion	Ratio	Lower	Upper
139	100		
109	638.5	44.6	84.6#
65	114.4	75.9	115.9



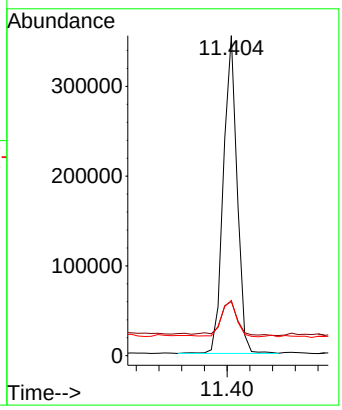


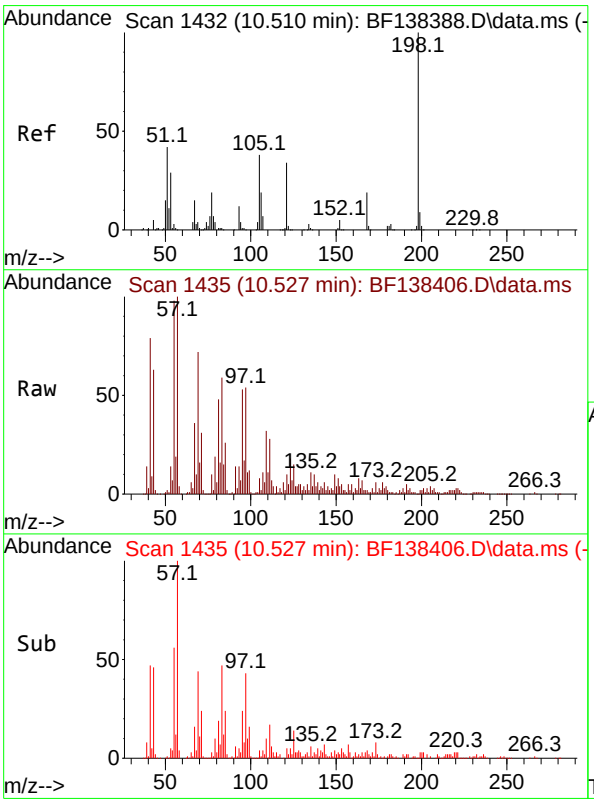
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Tgt Ion:188 Resp: 297539

Ion	Ratio	Lower	Upper
188	100		
94	16.9	8.0	12.0#
80	17.2	8.2	12.4#

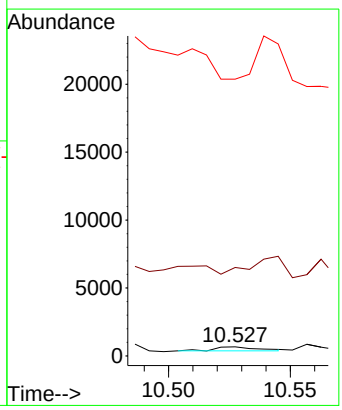


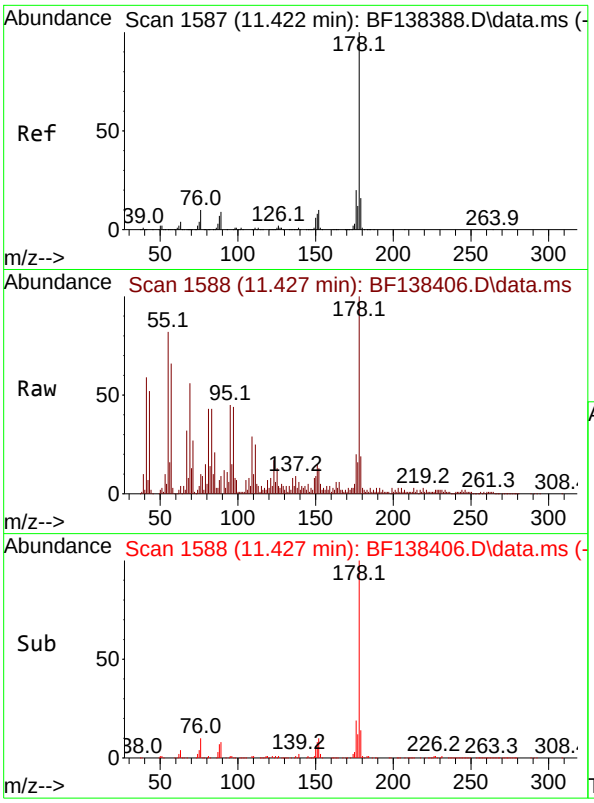


#65
4,6-Dinitro-2-methylphenol
Concen: 6.011 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.017 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Tgt Ion:198 Resp: 382

Ion	Ratio	Lower	Upper
198	100		
51	965.2	27.9	67.9#
105	3017.5	18.2	58.2#



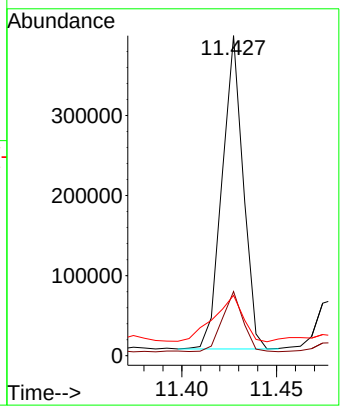


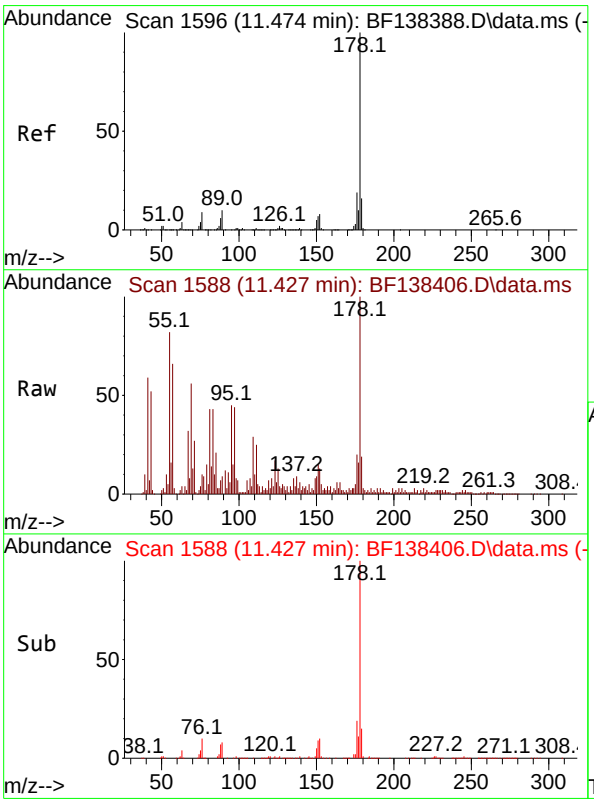
#71
Phenanthrene
Concen: 20.830 ng
RT: 11.427 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Tgt Ion:178 Resp: 302598

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	18.9	12.6	18.8#

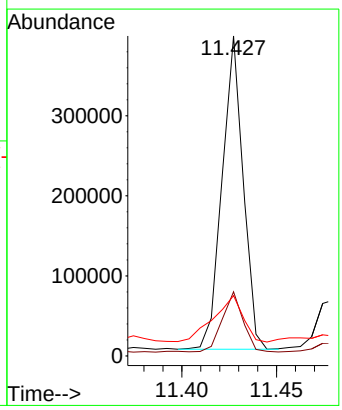


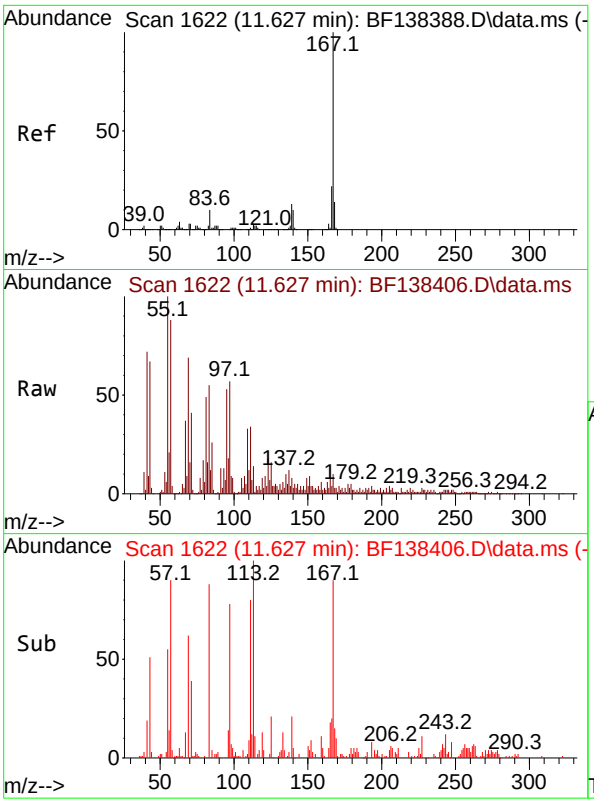


#72
Anthracene
Concen: 20.887 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.047 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Tgt Ion:178 Resp: 302598

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.0	22.6
179	18.9	12.7	19.1



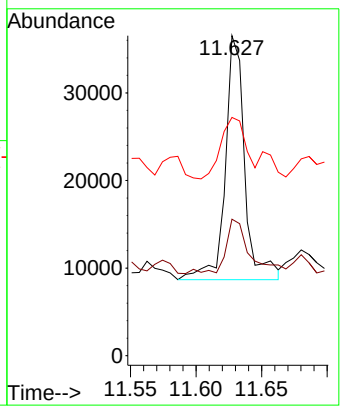


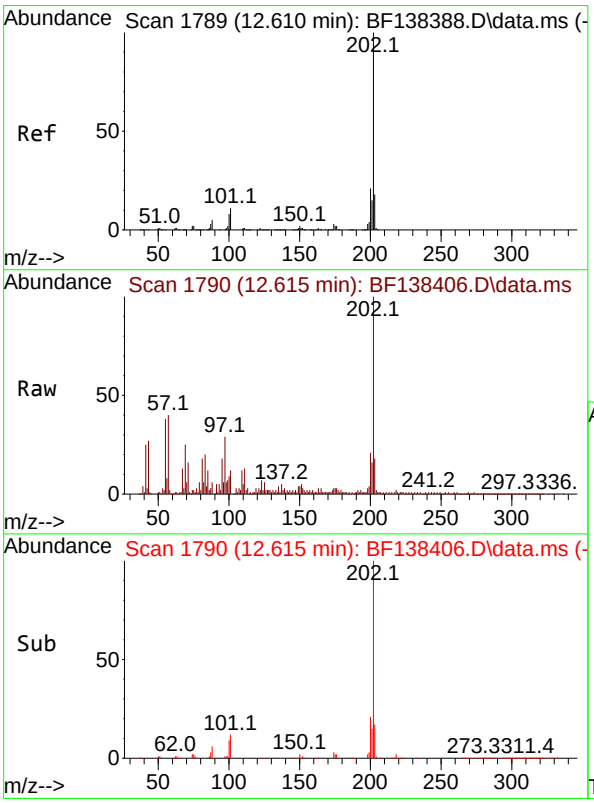
#73
Carbazole
Concen: 2.388 ng
RT: 11.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Tgt Ion:167 Resp: 28722

Ion	Ratio	Lower	Upper
167	100		
166	42.6	17.7	26.5#
139	74.5	10.7	16.1#

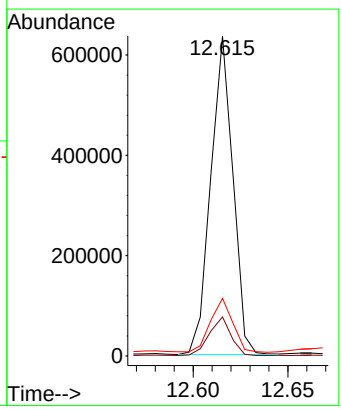


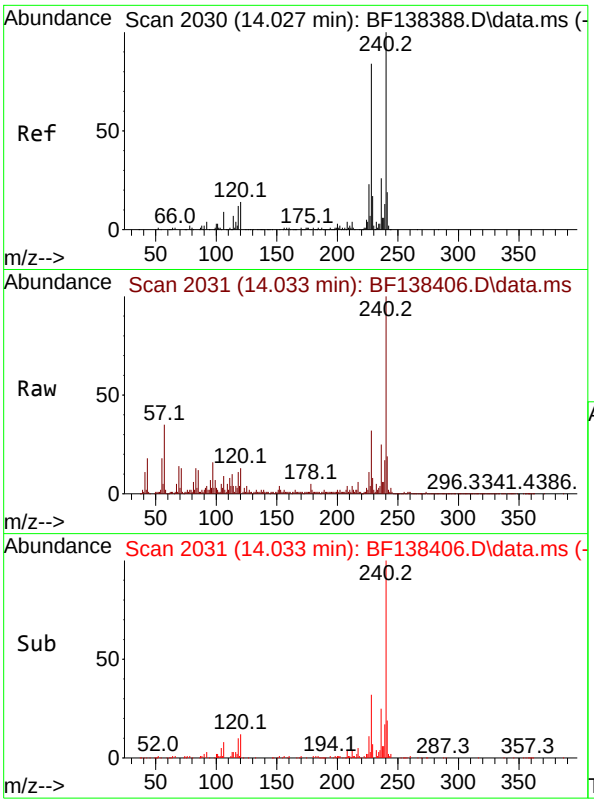


#75
Fluoranthene
Concen: 39.814 ng
RT: 12.615 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Tgt Ion:202 Resp: 518531

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.5
203	18.0	0.0	37.6



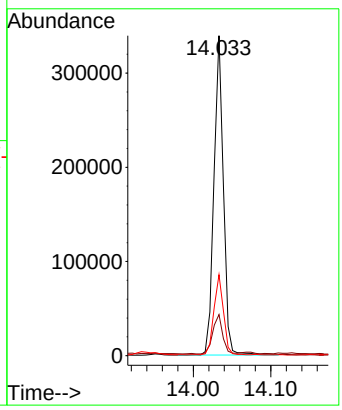


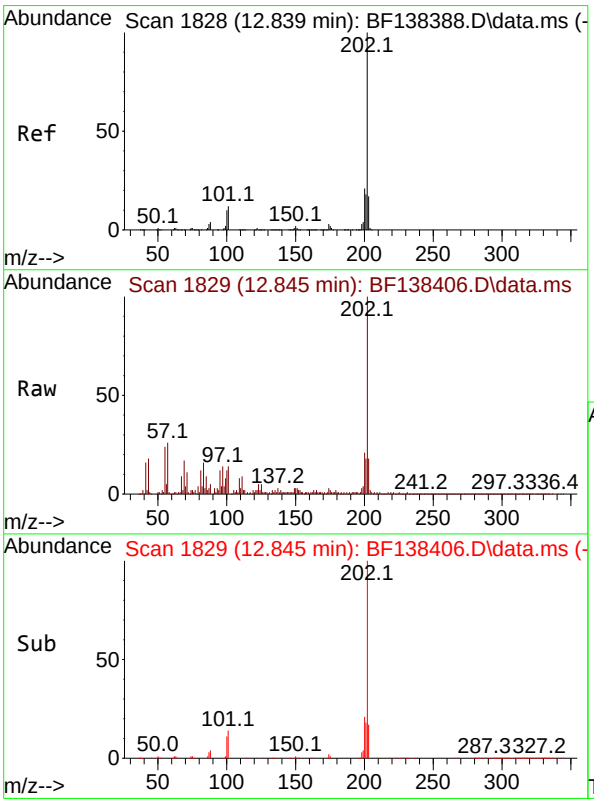
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Tgt Ion:240 Resp: 287756

Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.9	16.3
236	25.3	20.6	30.8

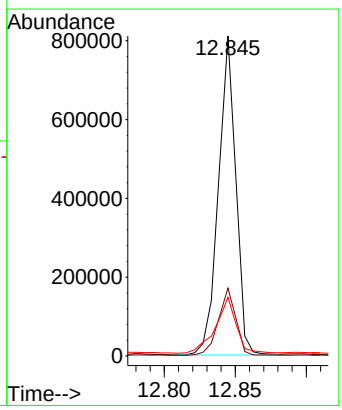


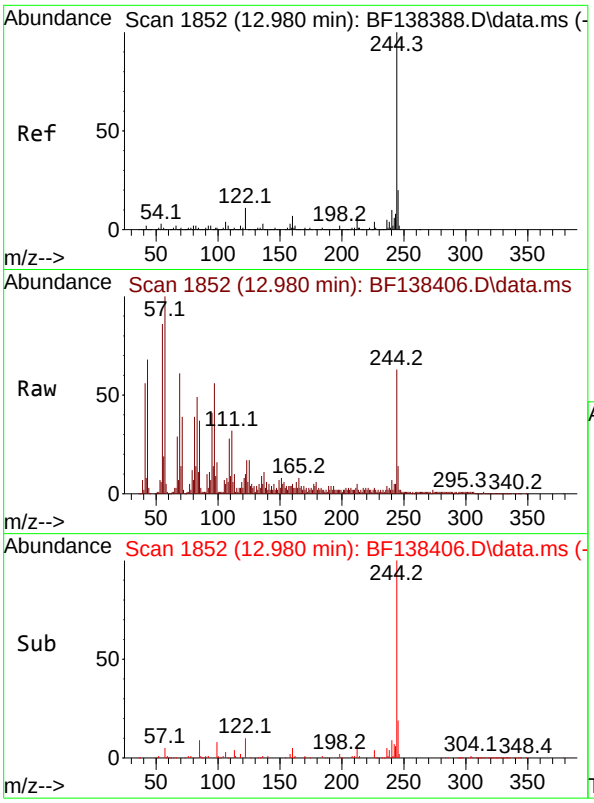


#78
Pyrene
Concen: 22.422 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Tgt Ion:202 Resp: 689608

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.3	13.8	20.8



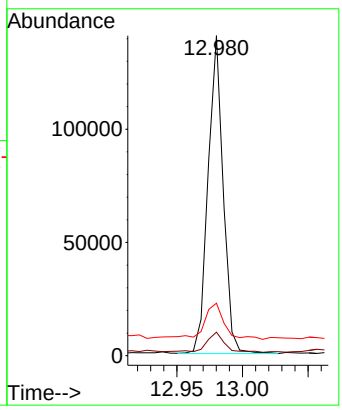


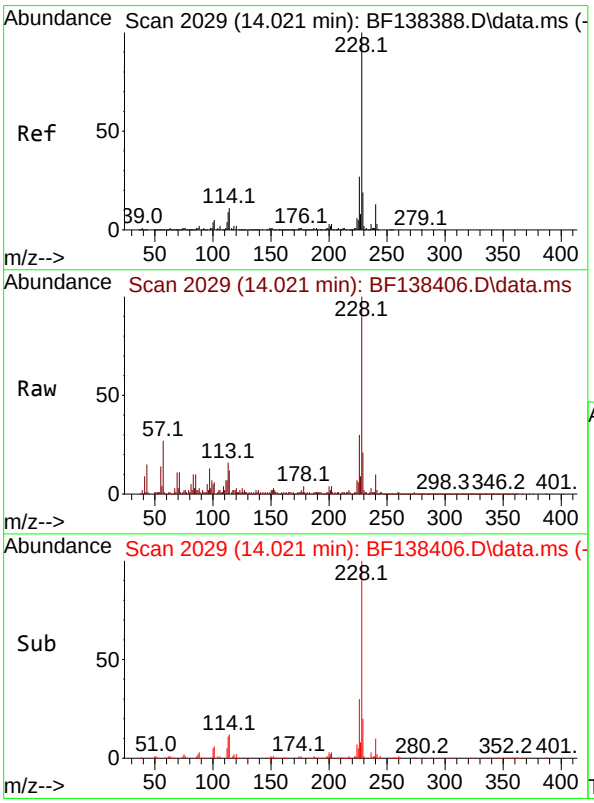
#79
Terphenyl-d14
Concen: 5.379 ng
RT: 12.980 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Tgt Ion:244 Resp: 112947

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	16.4	9.0	13.4#

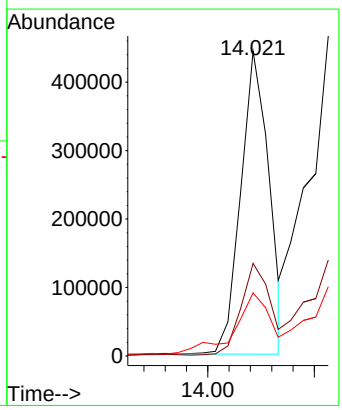


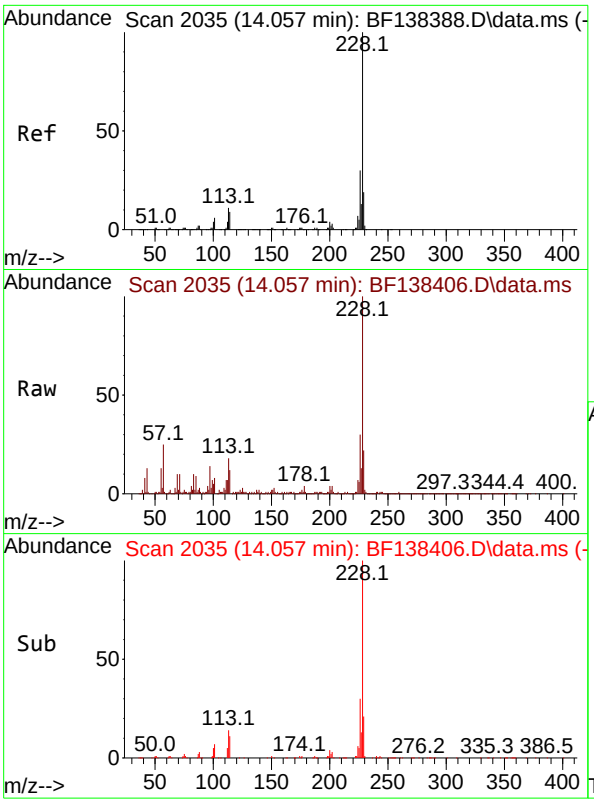


#81
Benzo(a)anthracene
Concen: 22.143 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Tgt Ion:228 Resp: 410124

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.7	32.5
229	20.7	15.5	23.3



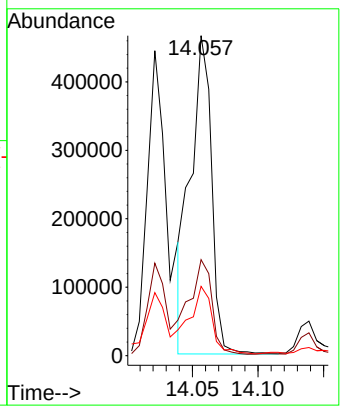


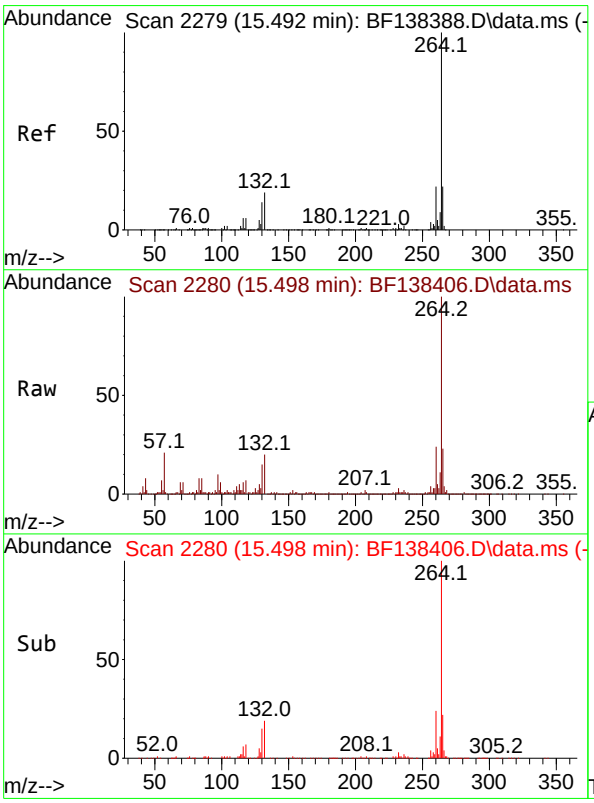
#83
Chrysene
Concen: 28.830 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Tgt Ion:228 Resp: 519591

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	21.7	15.2	22.8

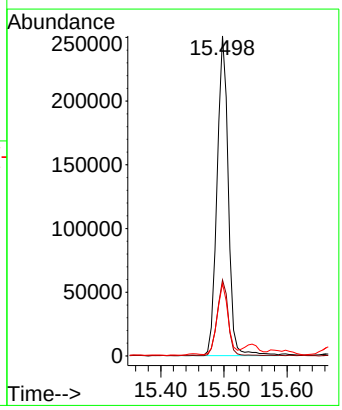


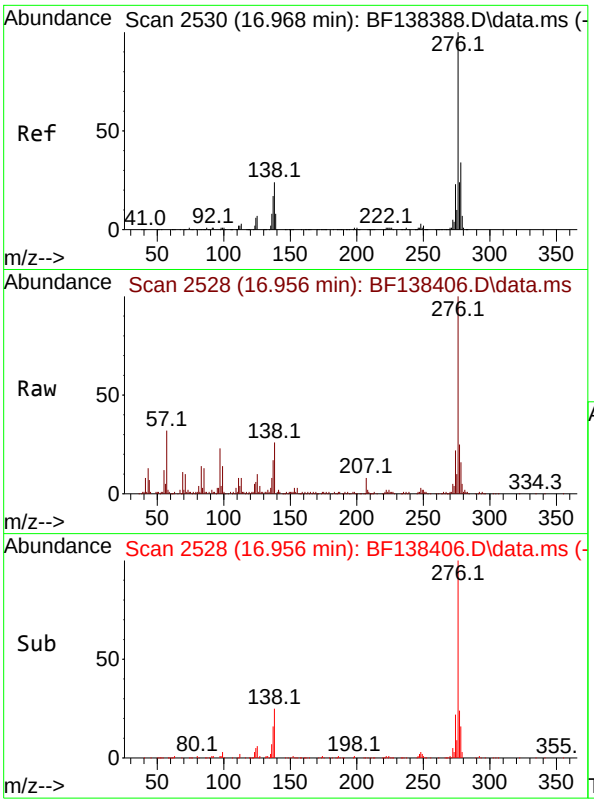


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Tgt Ion:264 Resp: 311127

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.8	26.6
265	22.6	17.5	26.3



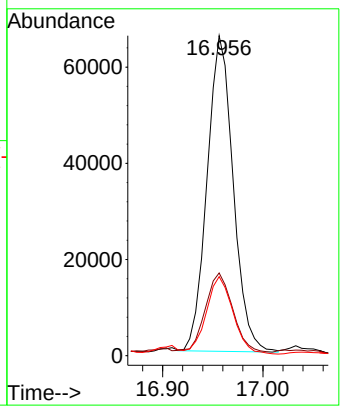


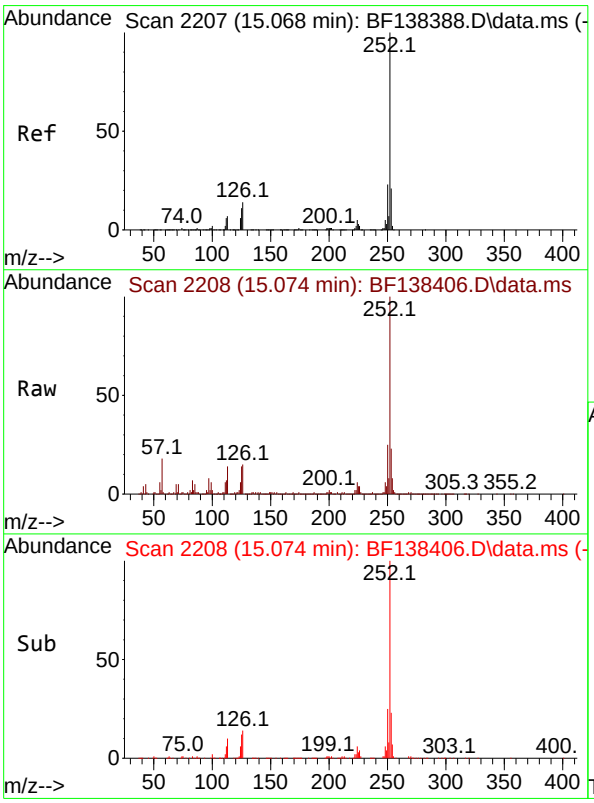
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.591 ng
RT: 16.956 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Tgt Ion:276 Resp: 118661

Ion	Ratio	Lower	Upper
276	100		
138	26.3	22.1	33.1
277	25.1	20.4	30.6

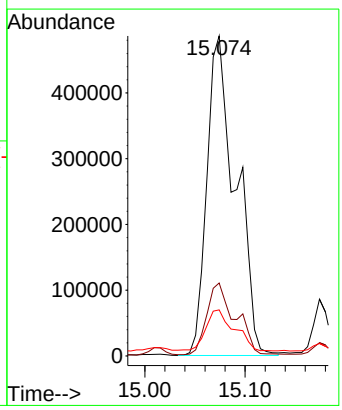


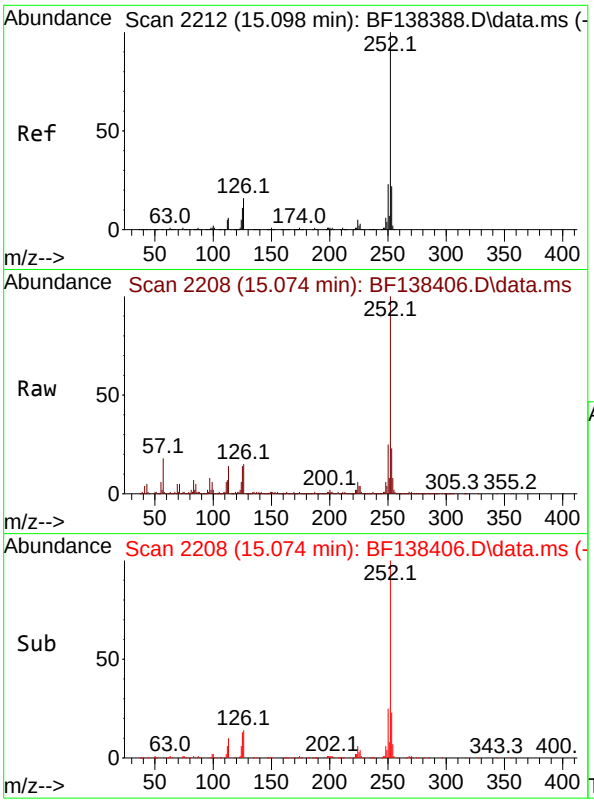


#88
Benzo(b)fluoranthene
Concen: 57.096 ng
RT: 15.074 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Tgt Ion:252 Resp: 974653

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	14.4	8.6	12.8#



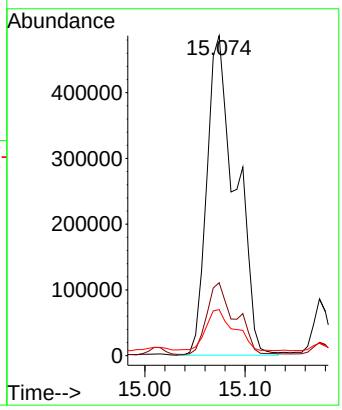


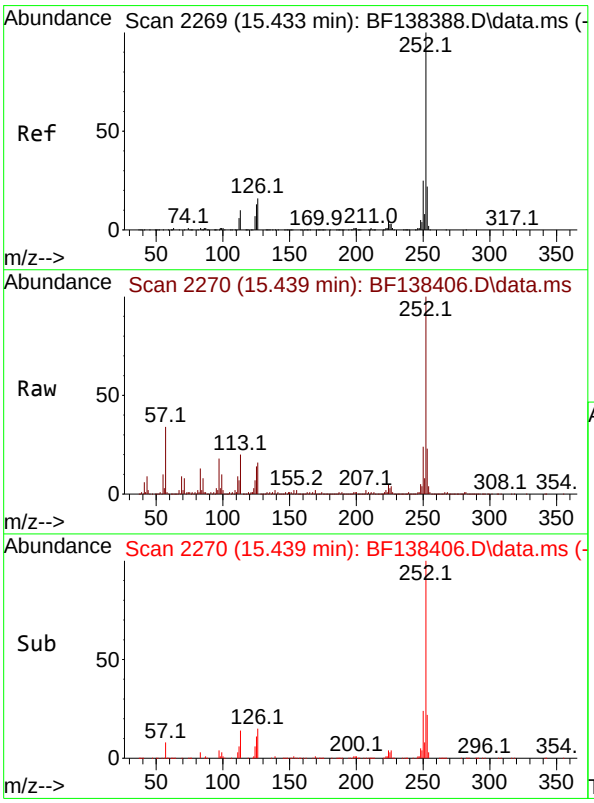
#89
Benzo(k)fluoranthene
Concen: 61.989 ng
RT: 15.074 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Tgt Ion:252 Resp: 974653

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	14.4	8.7	13.1#

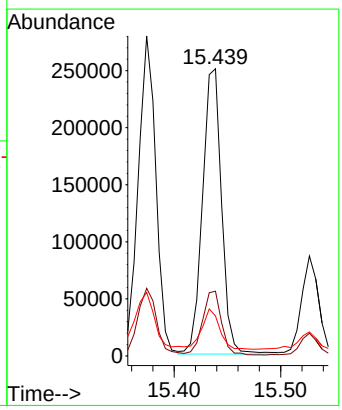


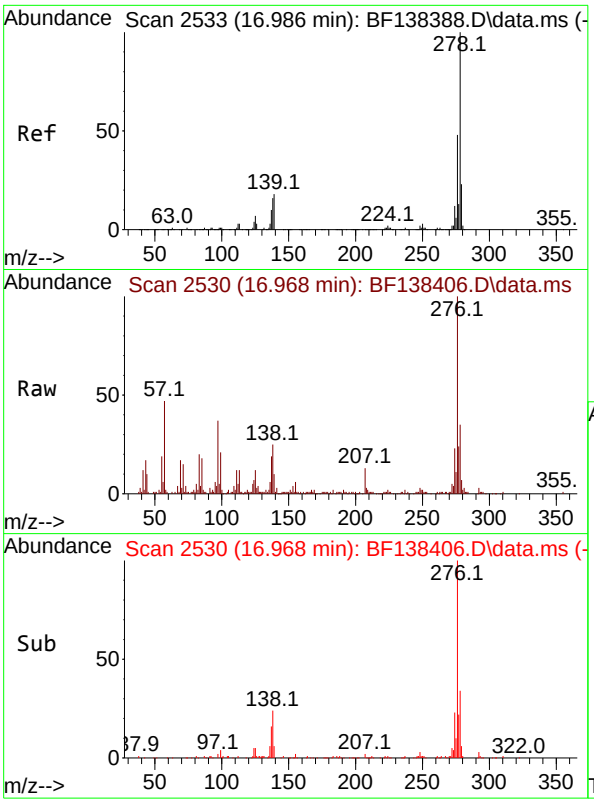


#90
Benzo(a)pyrene
Concen: 20.855 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Tgt Ion:252 Resp: 312036

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	13.9	10.2	15.2



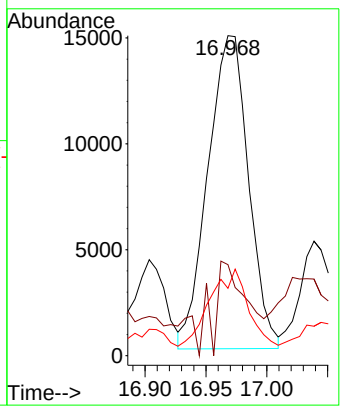


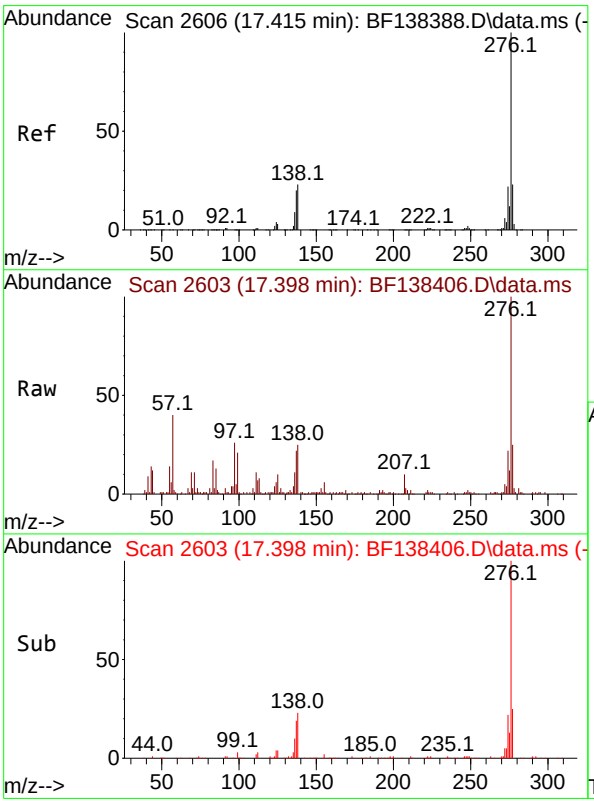
#91
Dibenzo(a,h)anthracene
Concen: 2.717 ng
RT: 16.968 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Instrument :
BNA_F
ClientSampleId :
VNJ-325

Tgt Ion:278 Resp: 34286

Ion	Ratio	Lower	Upper
278	100		
139	28.5	14.3	21.5#
279	21.0	18.5	27.7





#92
Benzo(g,h,i)perylene
Concen: 7.894 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.018 min
Lab File: BF138406.D
Acq: 01 Jul 2024 16:35

Tgt Ion:276 Resp: 97453

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.3	27.5
138	25.2	18.3	27.5