Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
Data File : BF131986.D
Acq On : 10 Jan 2023 03:21
Operator : CG\JU
Sample : 01033-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Quant Time: Jan 10 04:27:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 00:32:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	65484	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	212325	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	101983	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	177392	20.000	ng		0.00
76) Chrysene-d12	13.986	240	131419	20.000	ng	#	0.00
86) Perylene-d12	15.451	264	104501	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	70548	17.752	ng		0.00
7) Phenol-d6	6.428	99	91505	17.366	ng		0.00
23) Nitrobenzene-d5	7.351	82	54572	10.667	ng		-0.02
42) 2,4,6-Tribromophenol	10.627	330	17913	15.277	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	92275	12.215	ng		-0.01
79) Terphenyl-d14	12.916	244	86126	9.393	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	8123	2.131	ng	#	78
25) Isophorone	7.351	82	54572	5.710	ng	#	69
49) Acenaphthylene	9.698	152	75474	7.961	ng		99
50) Dimethylphthalate	9.839	163	21876	2.752	ng	#	1
52) Acenaphthene	9.869	154	15733	2.765	ng		95
58) Fluorene	10.386	166	27761	3.874	ng		99
71) Phenanthrene	11.357	178	321272	34.741	ng		100
72) Anthracene	11.404	178	65713	6.903	ng		99
73) Carbazole	11.563	167	17056	2.164	ng		93
75) Fluoranthene	12.551	202	524901	50.470	ng		99
78) Pyrene	12.780	202	569297	47.496	ng		99
81) Benzo(a)anthracene	14.010	228	286316	29.946	ng		95
83) Chrysene	14.010	228	286316	32.043	ng		97
87) Indeno(1,2,3-cd)pyrene	16.921	276	149918	23.392	ng		97
88) Benzo(b)fluoranthene	15.027	252	525537	73.322	ng	#	98
89) Benzo(k)fluoranthene	15.027	252	525537	73.468	ng	#	97
90) Benzo(a)pyrene	15.392	252	269284	41.699	ng	#	97
91) Dibenzo(a,h)anthracene	16.921	278	41058	7.642	ng	#	85
92) Benzo(g,h,i)perylene	17.362	276	142675	26.505	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 00:32:25 2023
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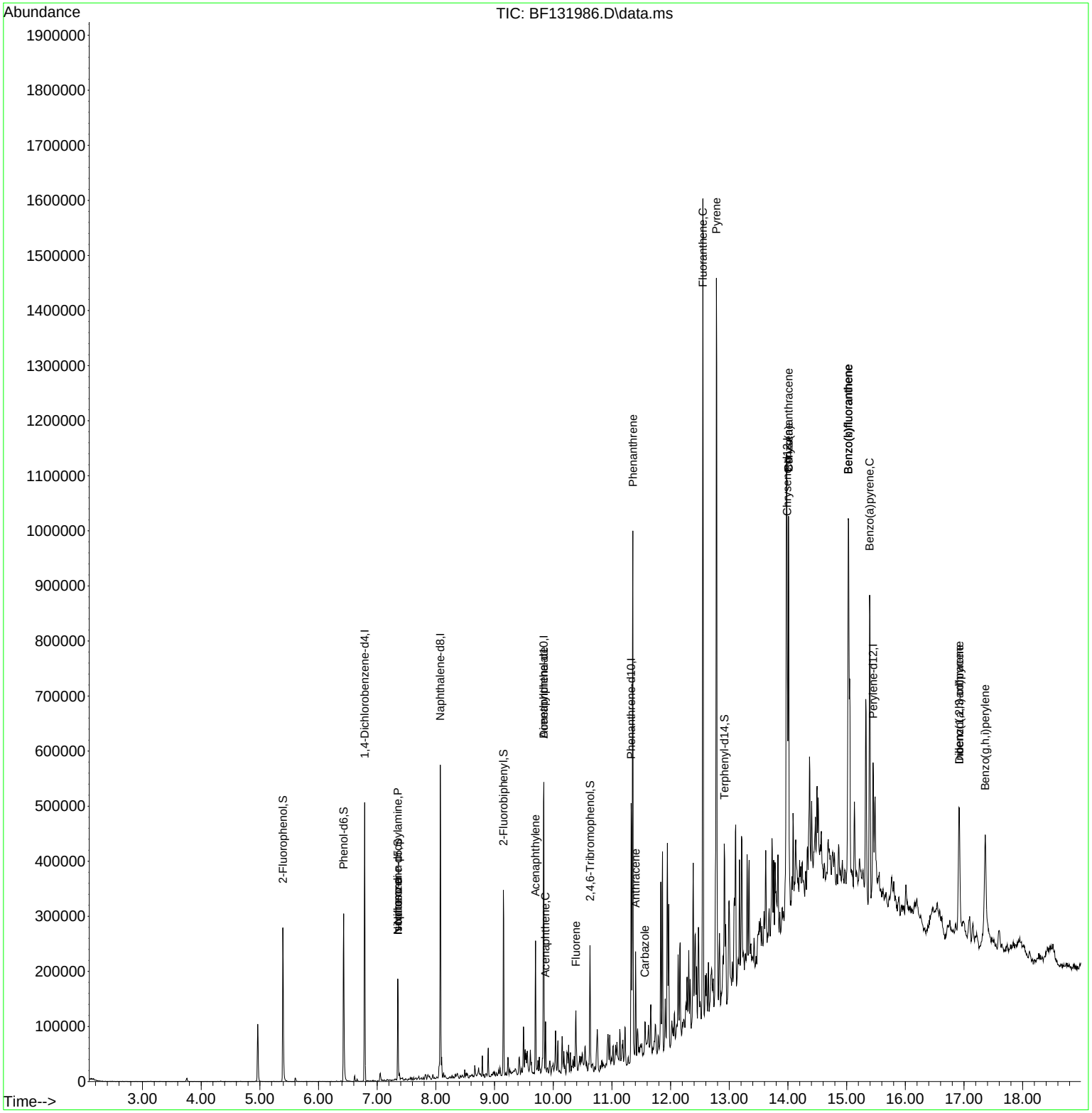
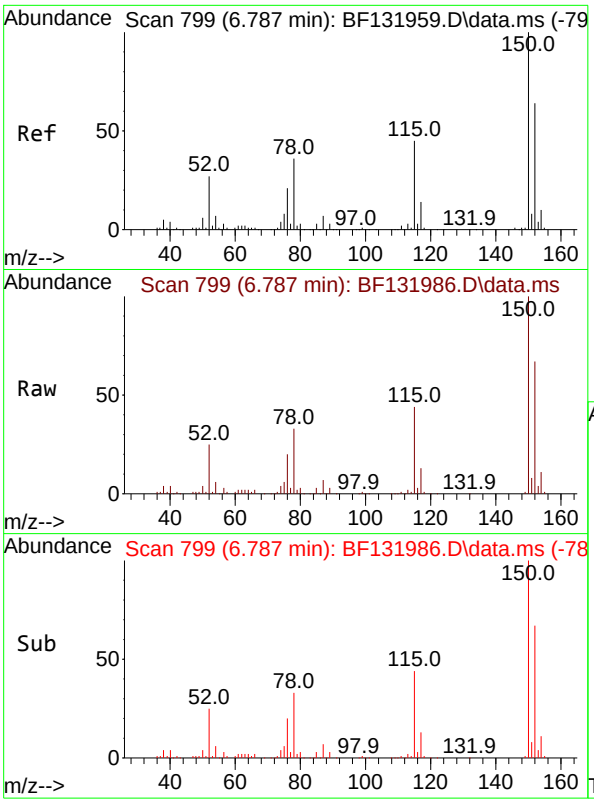


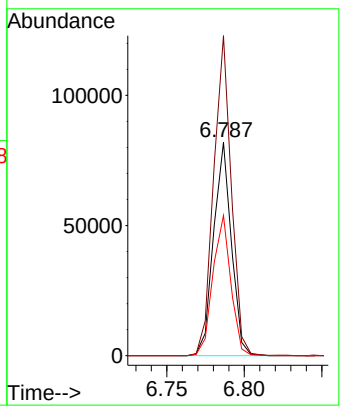


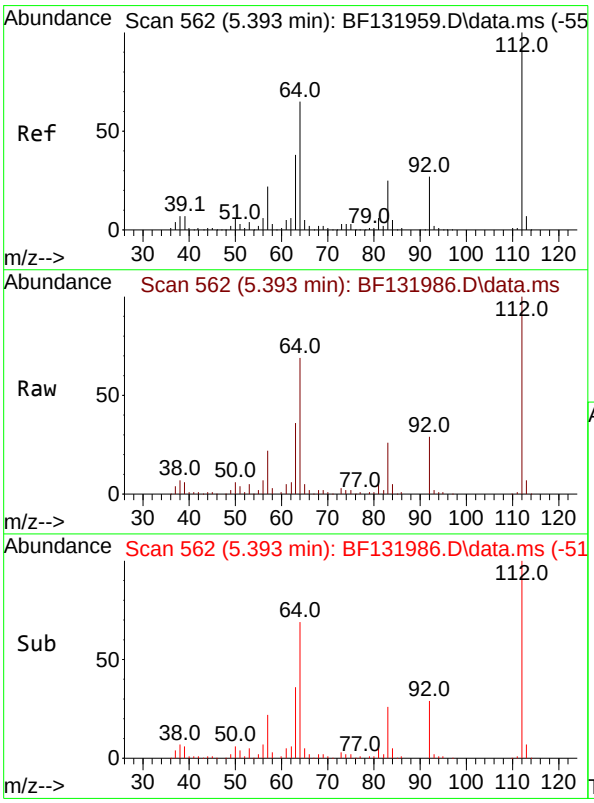
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:152 Resp: 65484

Ion	Ratio	Lower	Upper
152	100		
150	150.0	124.6	186.8
115	65.7	55.6	83.4

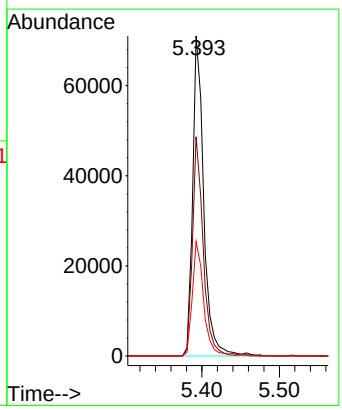


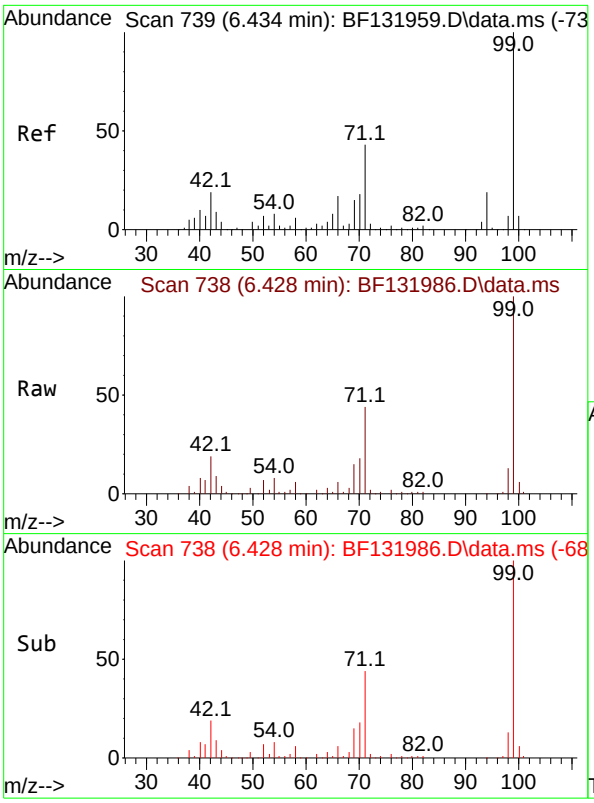


#5
2-Fluorophenol
Concen: 17.752 ng
RT: 5.393 min Scan# 562
Delta R.T. -0.000 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Tgt Ion:112 Resp: 70548

Ion	Ratio	Lower	Upper
112	100		
64	68.5	51.9	77.9
63	35.7	30.2	45.2



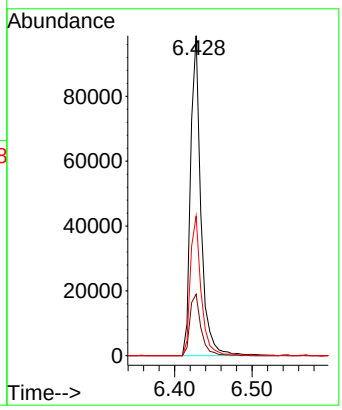


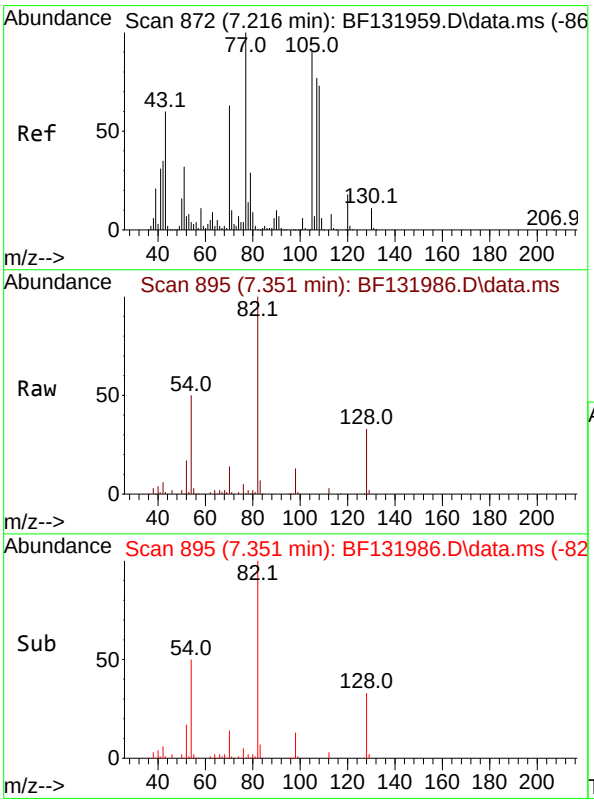
#7
Phenol-d6
Concen: 17.366 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion: 99 Resp: 91505

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.4	23.2
71	43.6	34.6	51.8

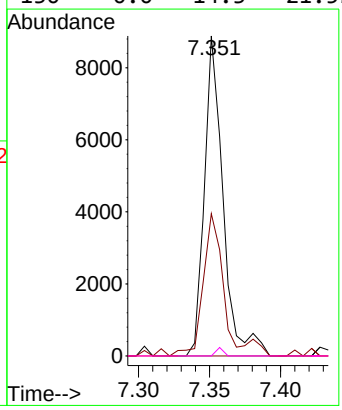


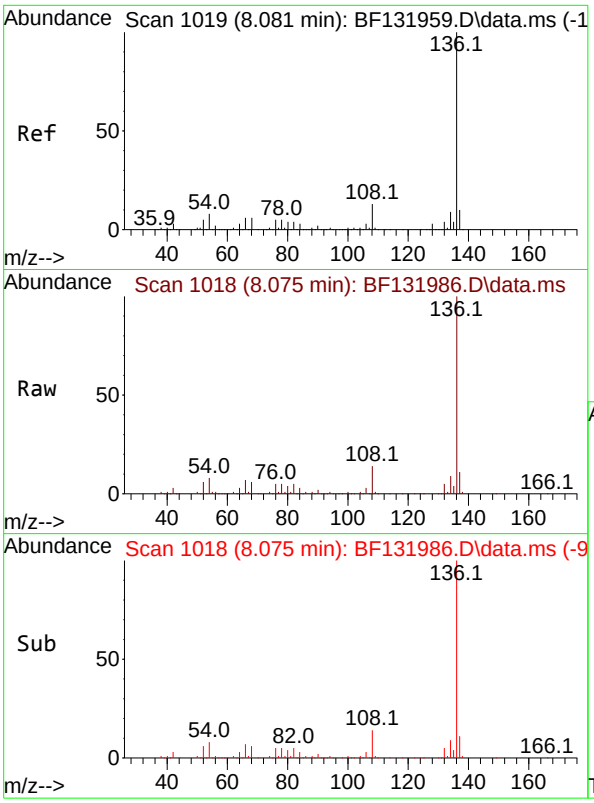


#19
n-Nitroso-di-n-propylamine
Concen: 2.131 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Tgt Ion: 70 Resp: 8123

Ion	Ratio	Lower	Upper
70	100		
42	44.5	44.3	66.5
101	0.0	7.5	11.3#
130	0.0	14.3	21.5#



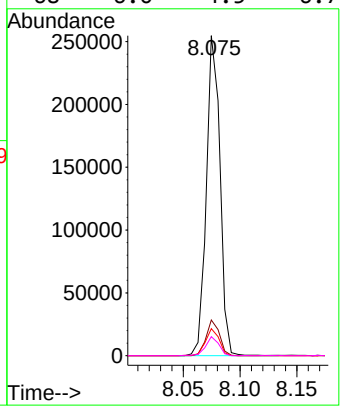


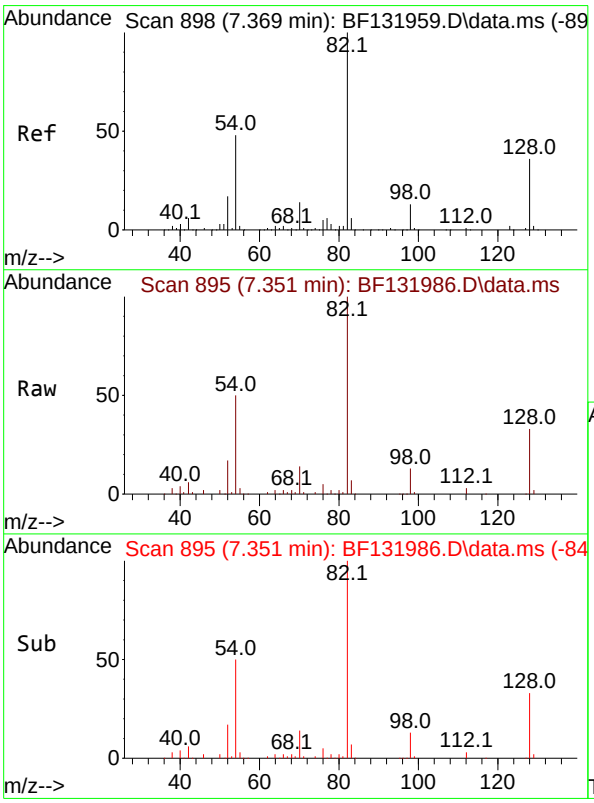
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:136 Resp: 212325

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	8.4	6.6	9.8
68	6.0	4.5	6.7

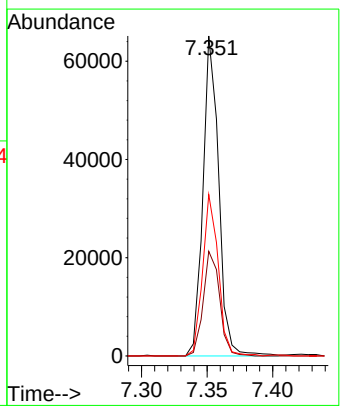


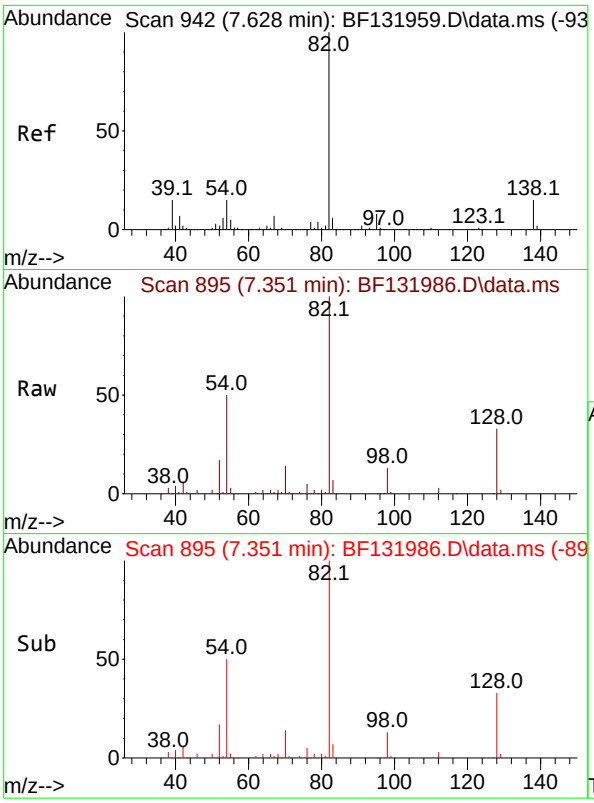


#23
Nitrobenzene-d5
Concen: 10.667 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Tgt Ion: 82 Resp: 54572

Ion	Ratio	Lower	Upper
82	100		
128	32.7	28.7	43.1
54	50.5	38.1	57.1



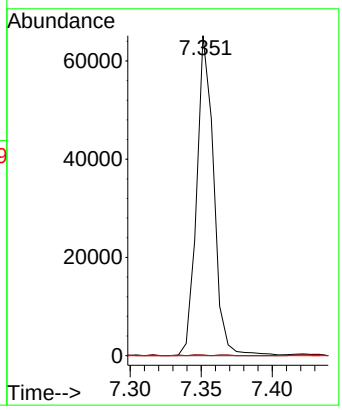


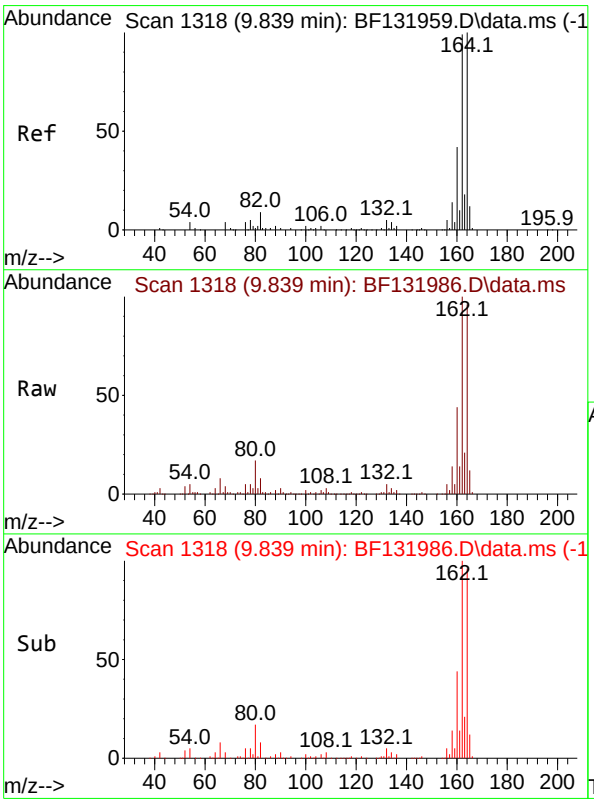
#25
Isophorone
Concen: 5.710 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.277 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion: 82 Resp: 54572

Ion	Ratio	Lower	Upper
82	100		
95	0.3	6.5	9.7#
138	0.0	11.9	17.9#

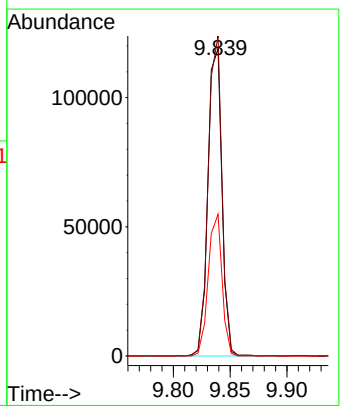


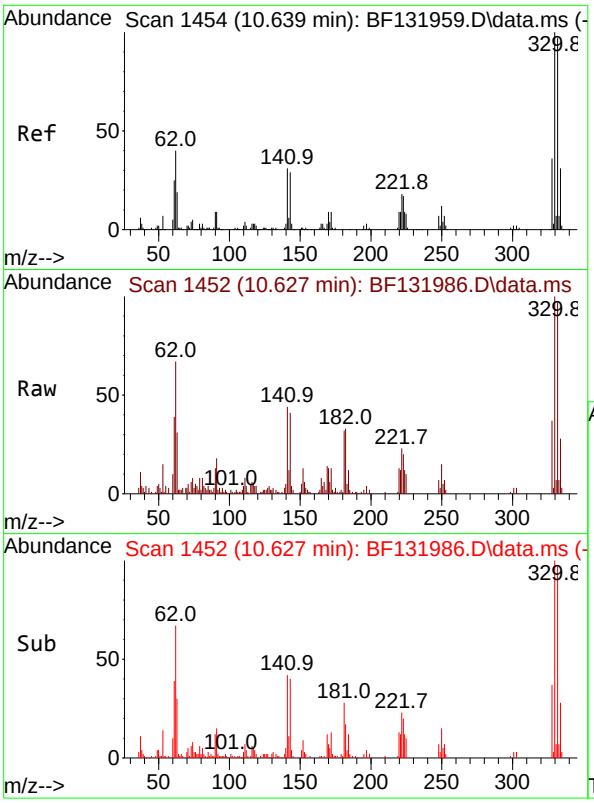


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Tgt Ion:164 Resp: 101983

Ion	Ratio	Lower	Upper
164	100		
162	104.1	79.4	119.0
160	46.1	33.9	50.9



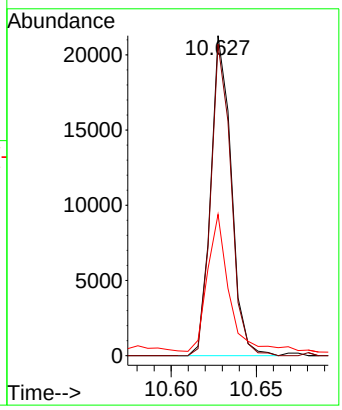


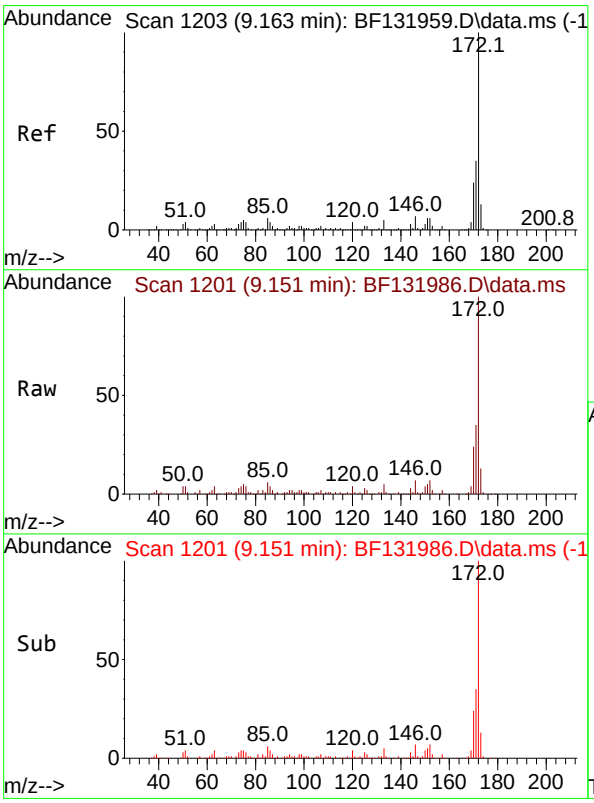
#42
2,4,6-Tribromophenol
Concen: 15.277 ng
RT: 10.627 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:330 Resp: 17913

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	46.1	31.3	46.9

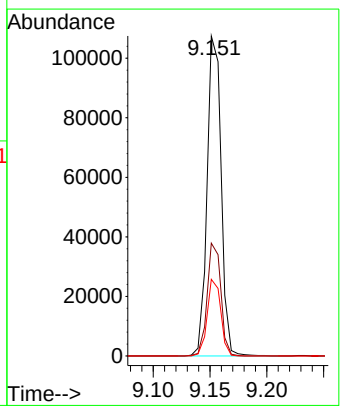


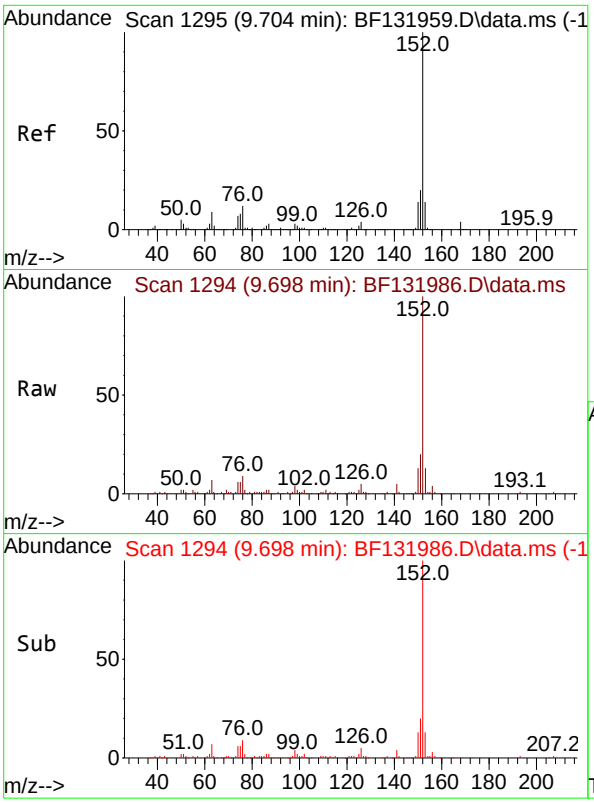


#45
2-Fluorobiphenyl
Concen: 12.215 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Tgt Ion:172 Resp: 92275

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.0	42.0
170	23.9	18.9	28.3



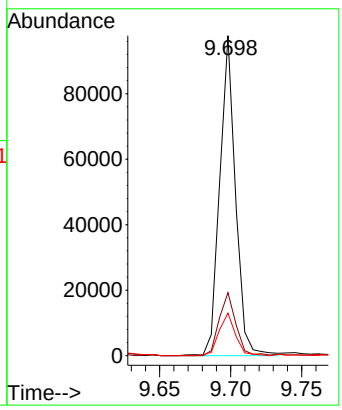


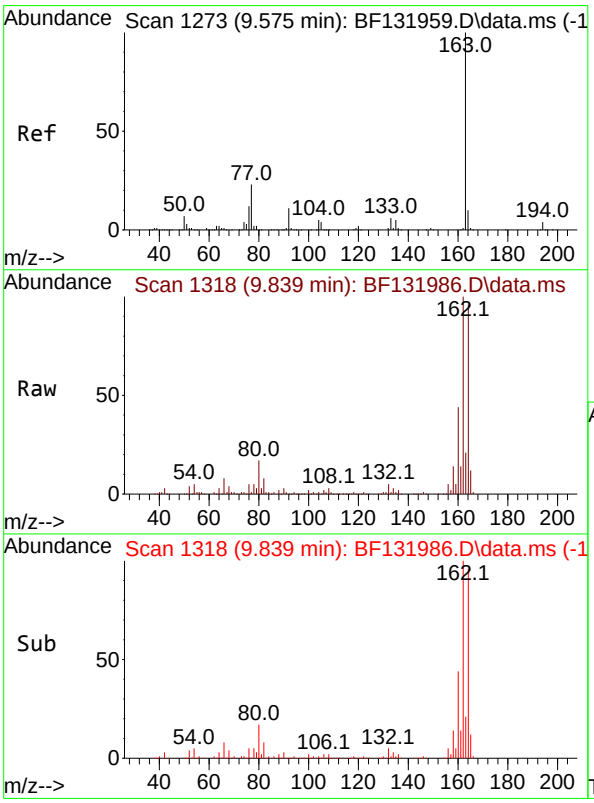
#49
Acenaphthylene
Concen: 7.961 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:152 Resp: 75474

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	13.3	10.8	16.2

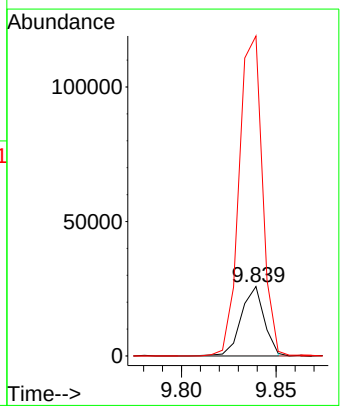


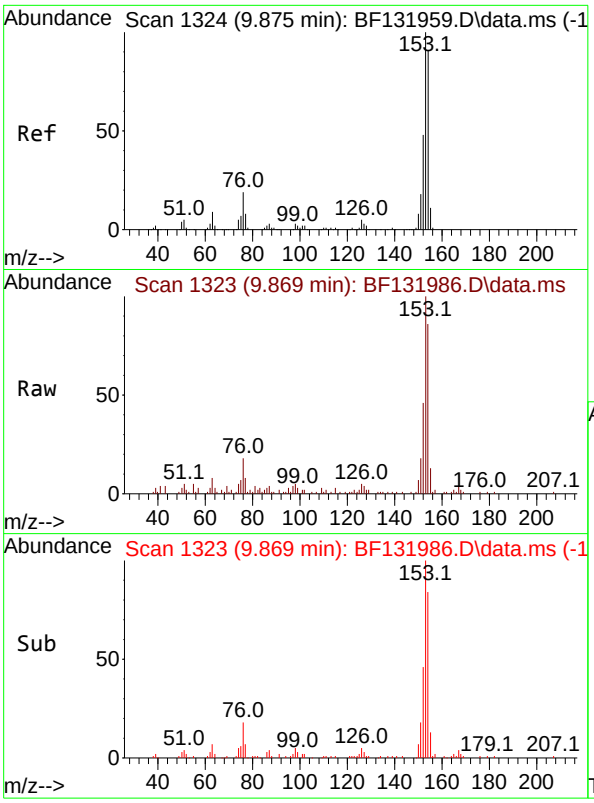


#50
Dimethylphthalate
Concen: 2.752 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Tgt Ion:163 Resp: 21876

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.1	4.7#
164	460.6	7.8	11.6#



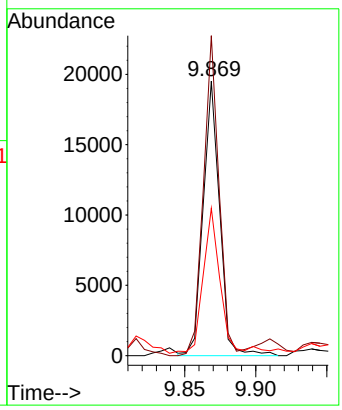


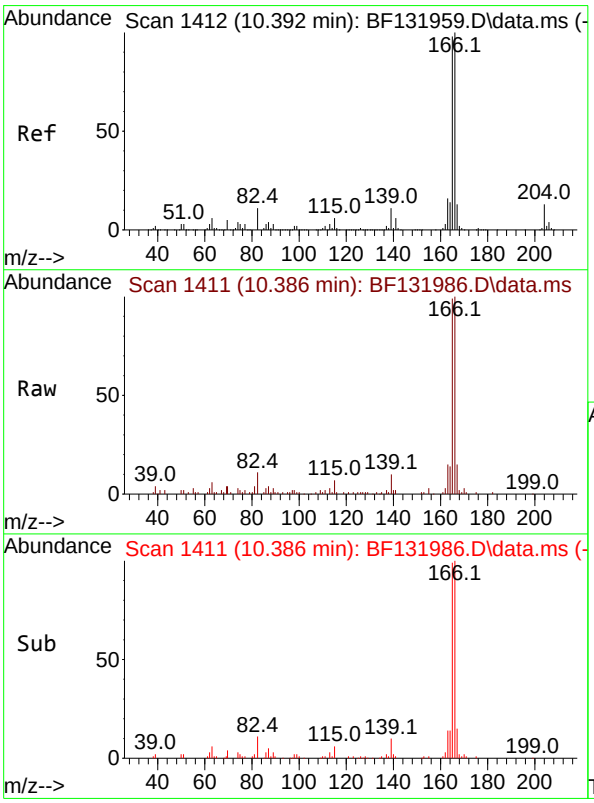
#52
Acenaphthene
Concen: 2.765 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:154 Resp: 15733

Ion	Ratio	Lower	Upper
154	100		
153	116.6	87.7	131.5
152	53.6	42.2	63.2

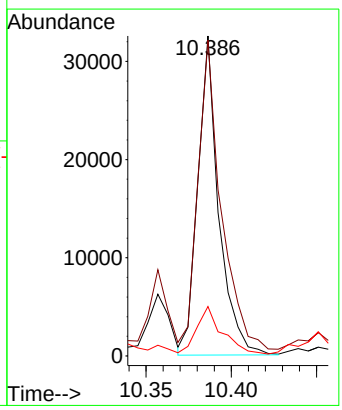


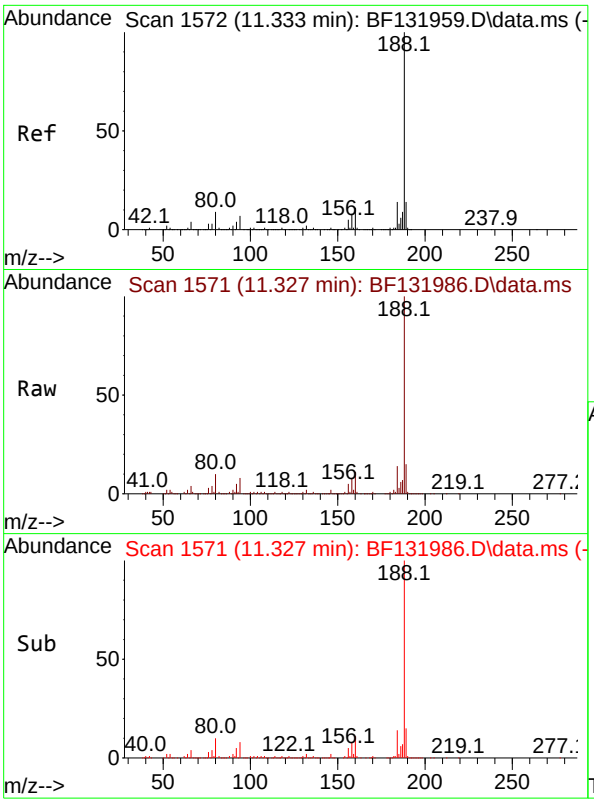


#58
Fluorene
Concen: 3.874 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Tgt Ion:166 Resp: 27761

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.3	117.5
167	15.4	10.7	16.1



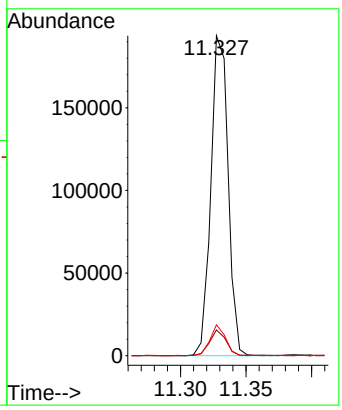


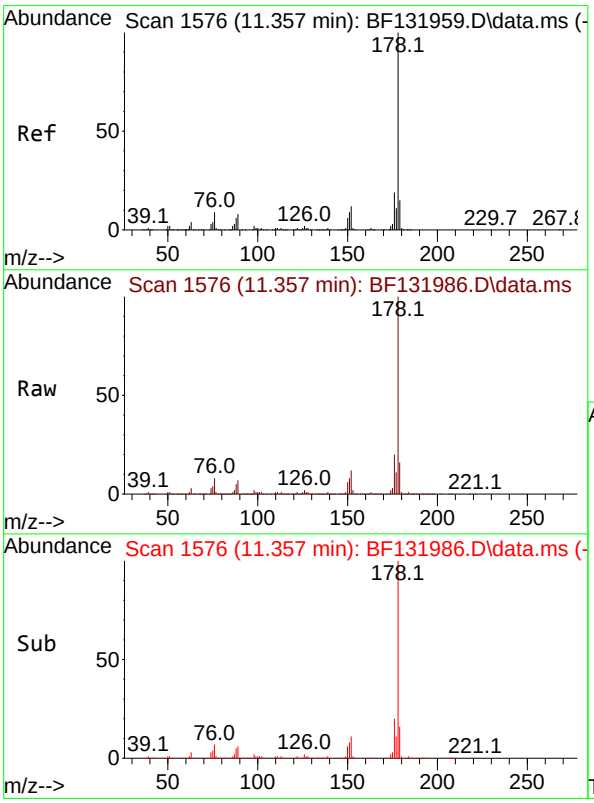
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:188 Resp: 177392

Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.8	8.6
80	9.6	7.4	11.0

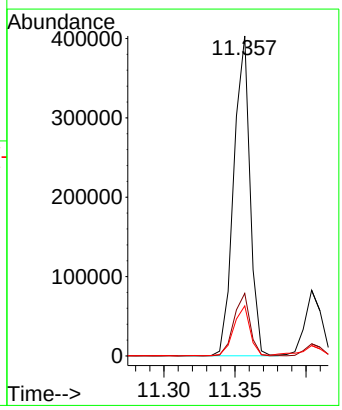


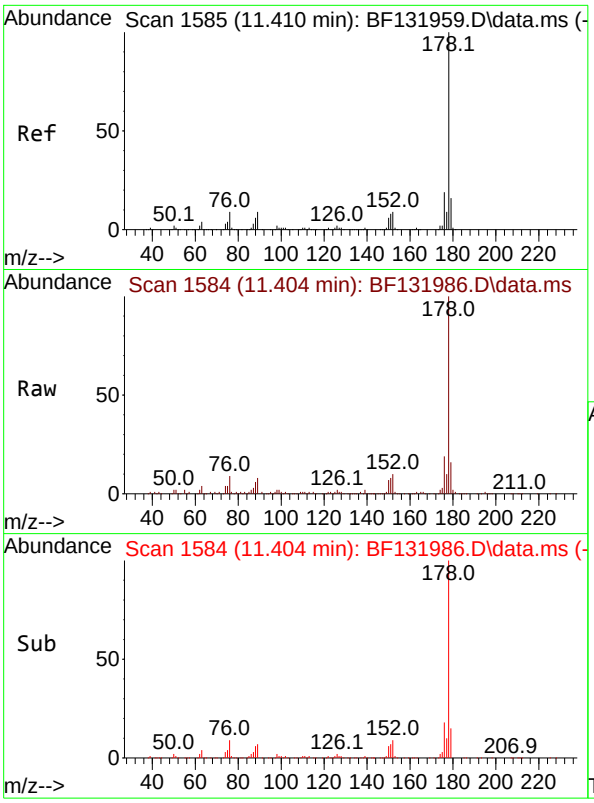


#71
Phenanthrene
Concen: 34.741 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Tgt Ion:178 Resp: 321272

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.7	12.4	18.6



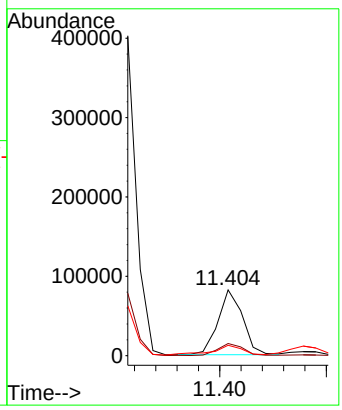


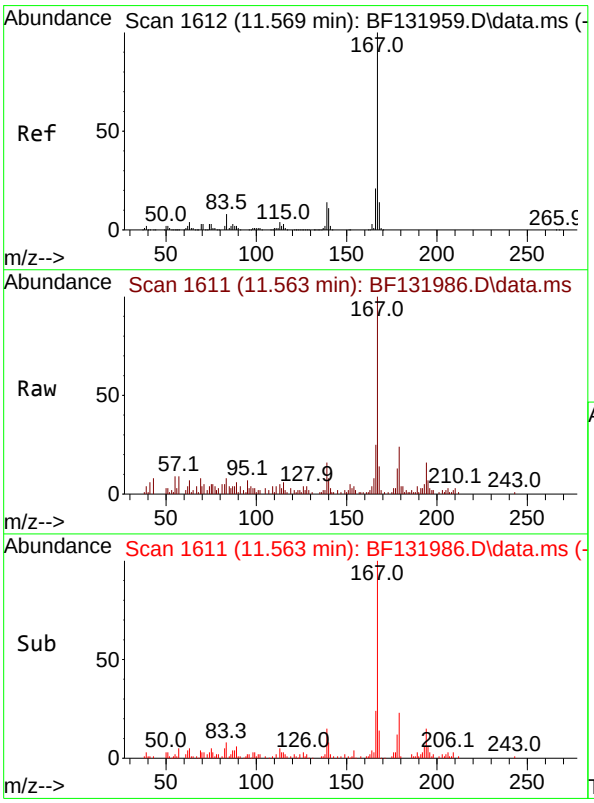
#72
Anthracene
Concen: 6.903 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:178 Resp: 65713

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.8	12.6	19.0

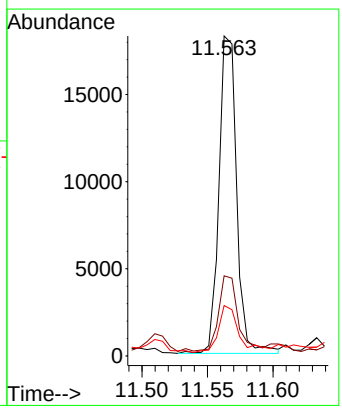


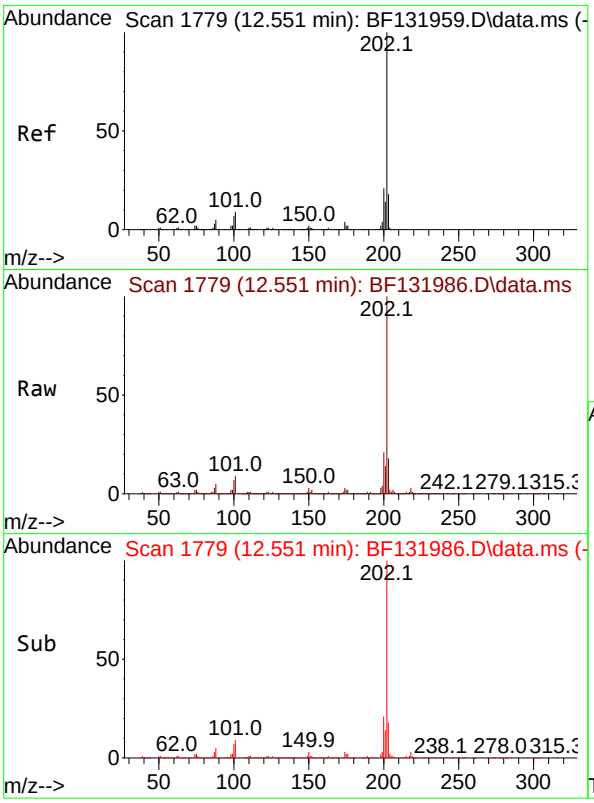


#73
Carbazole
Concen: 2.164 ng
RT: 11.563 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Tgt Ion:167 Resp: 17056

Ion	Ratio	Lower	Upper
167	100		
166	25.1	16.8	25.2
139	15.8	11.1	16.7



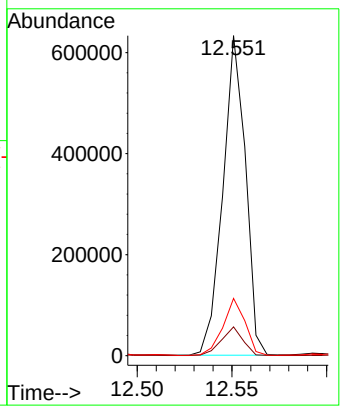


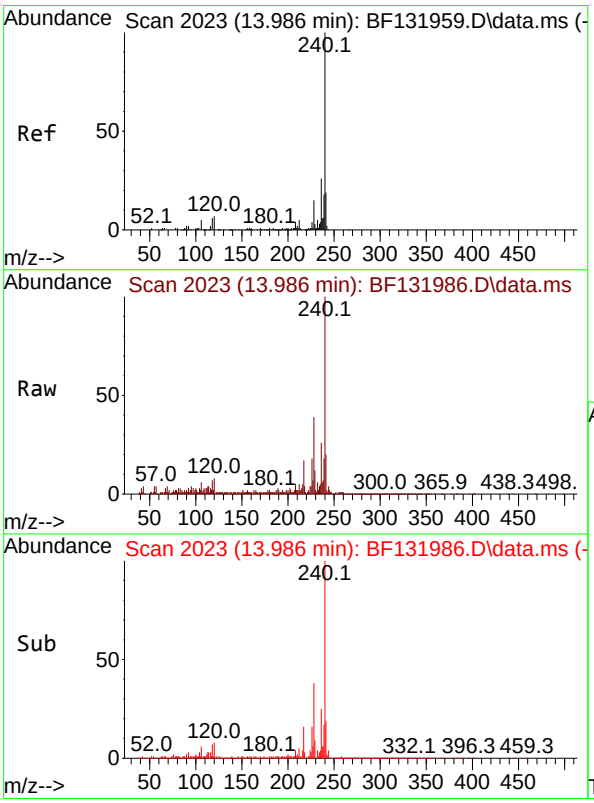
#75
Fluoranthene
Concen: 50.470 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:202 Resp: 524901

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.8
203	17.9	0.0	37.6

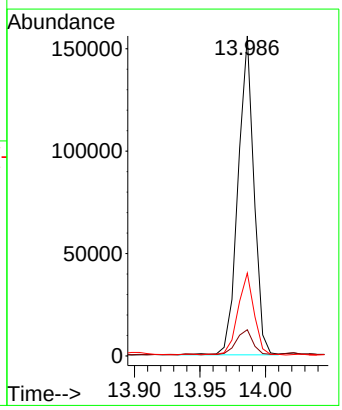


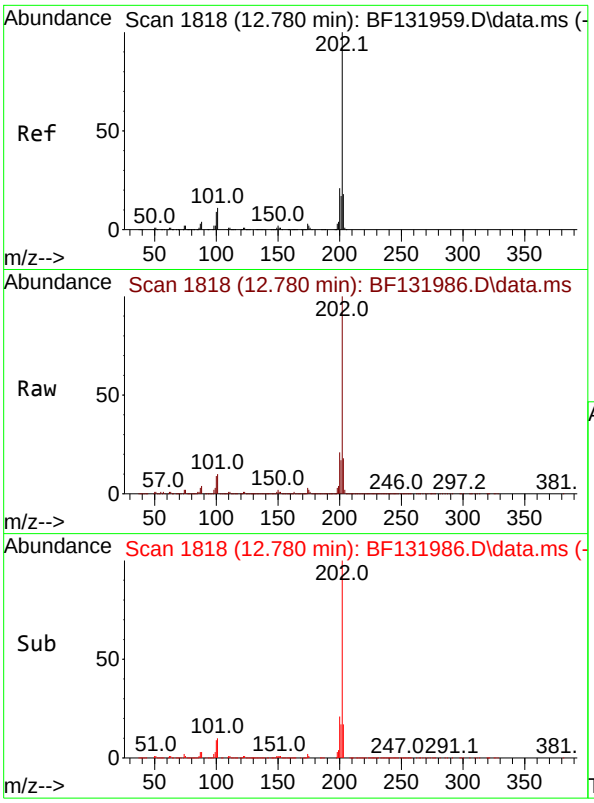


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Tgt Ion:240 Resp: 131419

Ion	Ratio	Lower	Upper
240	100		
120	8.2	5.4	8.0#
236	25.9	21.1	31.7



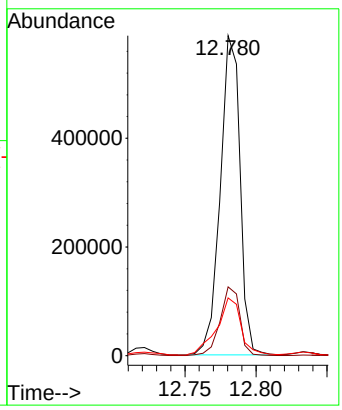


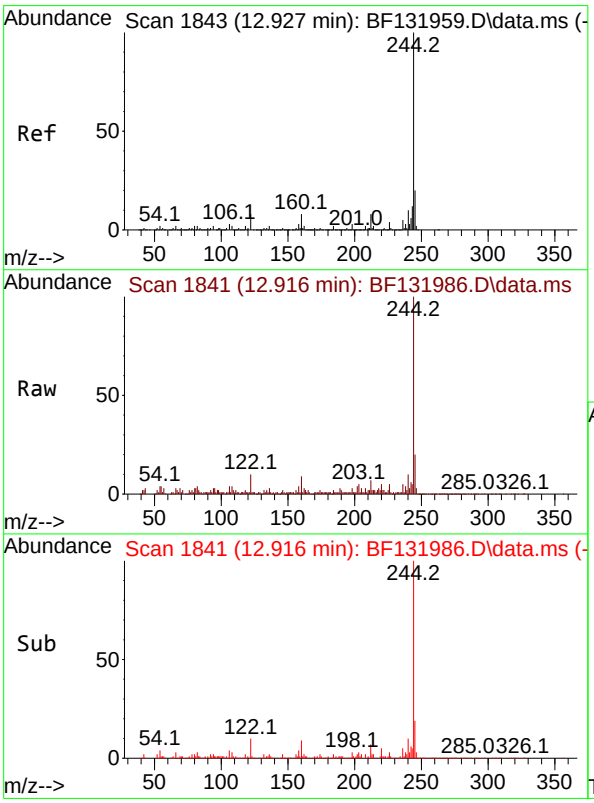
#78
Pyrene
Concen: 47.496 ng
RT: 12.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:202 Resp: 569297

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	18.1	14.1	21.1

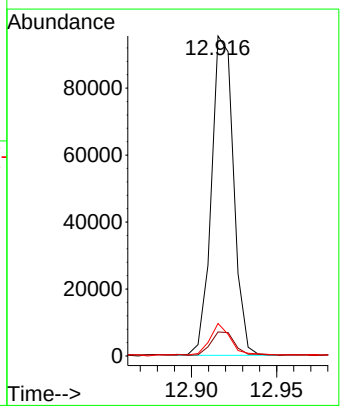


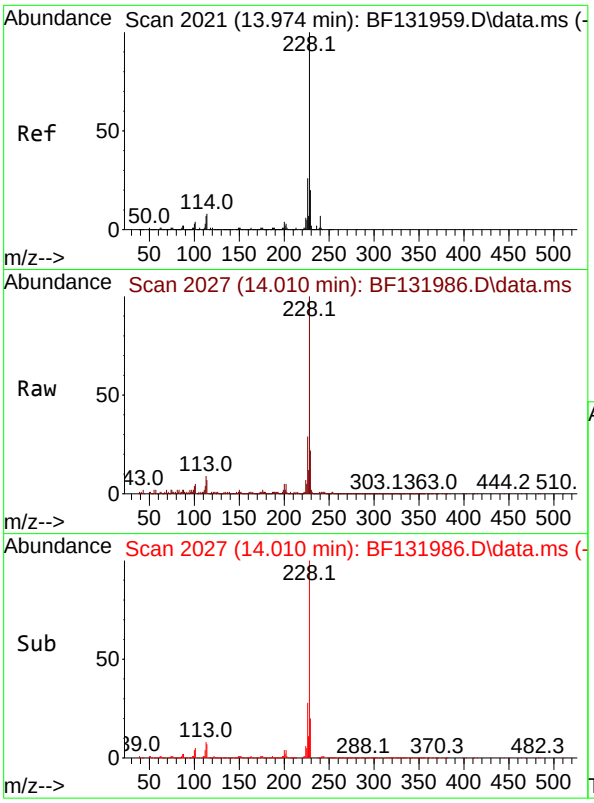


#79
Terphenyl-d14
Concen: 9.393 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Tgt Ion:244 Resp: 86126

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	10.1	6.8	10.2



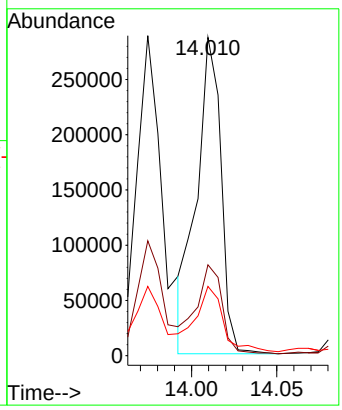


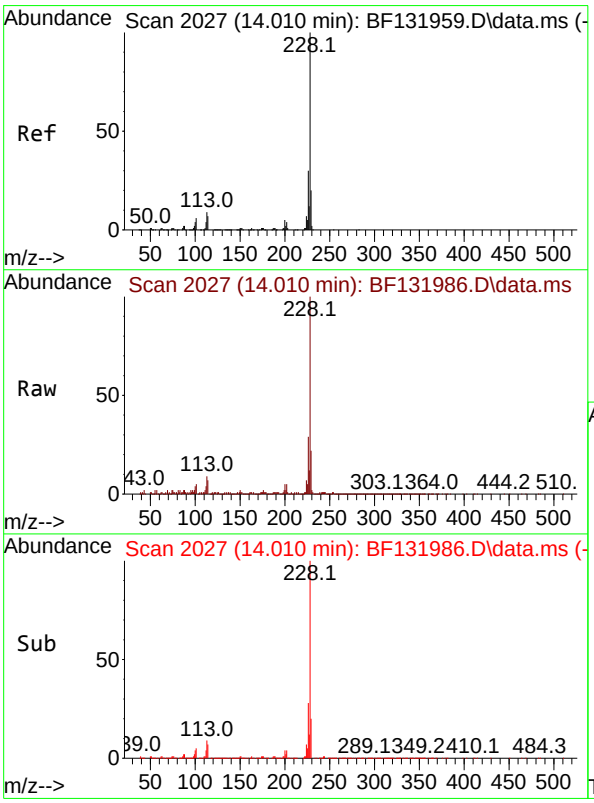
#81
Benzo(a)anthracene
Concen: 29.946 ng
RT: 14.010 min Scan# 2
Delta R.T. 0.035 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:228 Resp: 286316

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.0	31.4
229	21.8	15.8	23.6

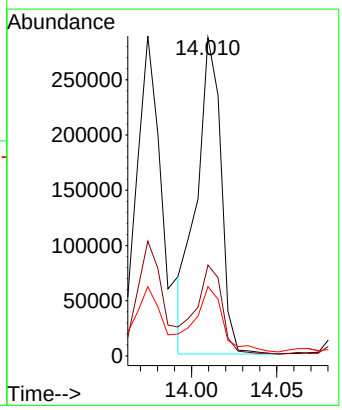


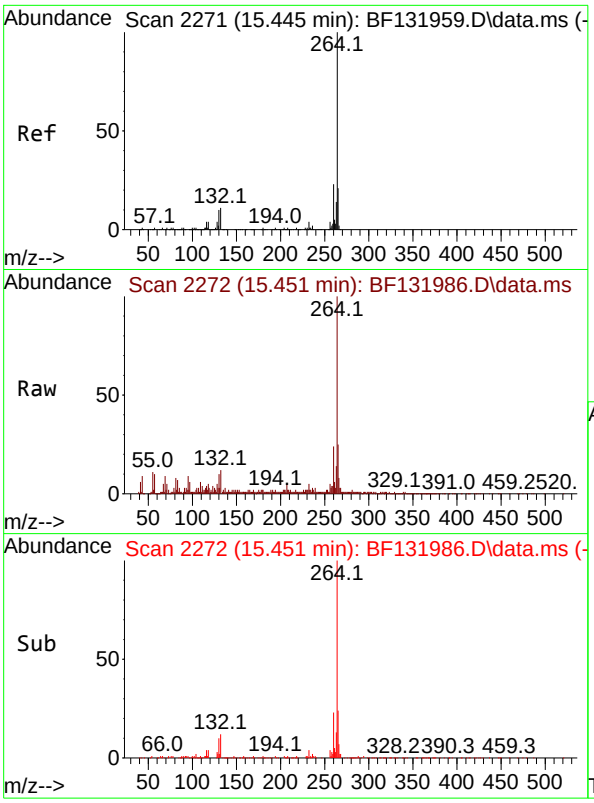


#83
Chrysene
Concen: 32.043 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Tgt Ion:228 Resp: 286316

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.0	36.0
229	21.8	16.2	24.4



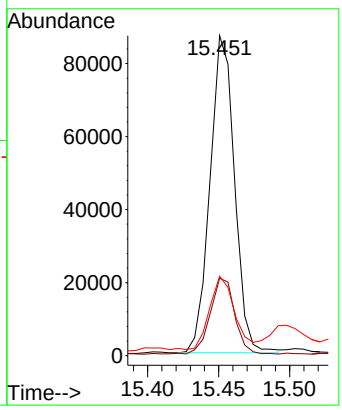


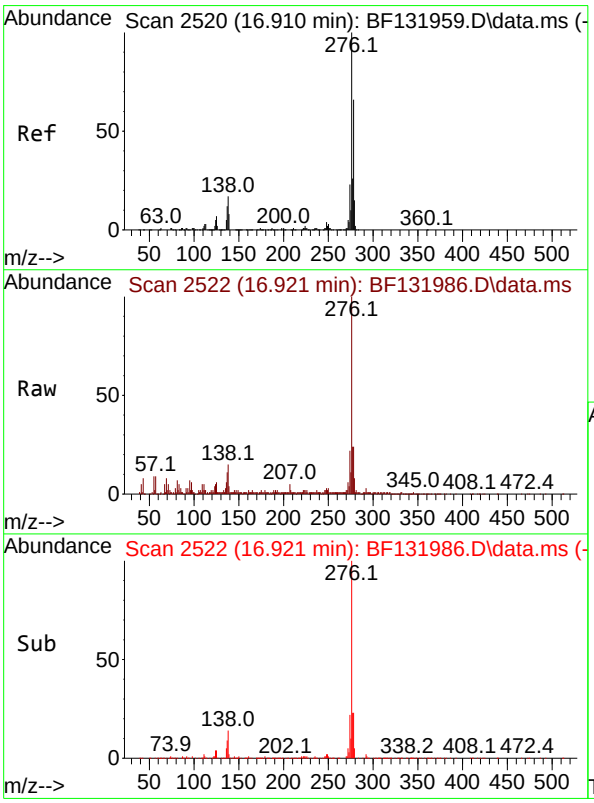
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:264 Resp: 104501

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	24.9	16.9	25.3

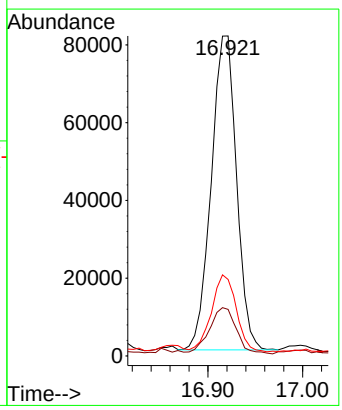


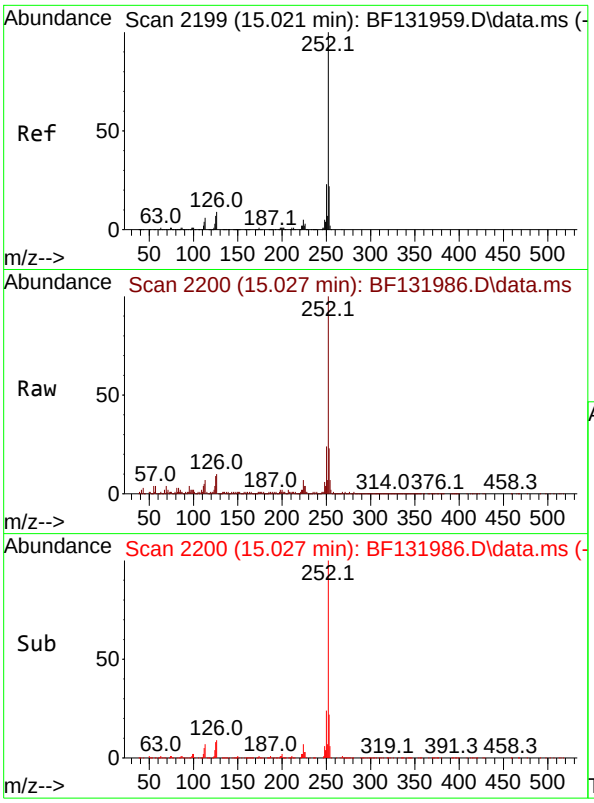


#87
Indeno(1,2,3-cd)pyrene
Concen: 23.392 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.012 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Tgt Ion:276 Resp: 149918

Ion	Ratio	Lower	Upper
276	100		
138	15.6	14.2	21.2
277	24.1	20.2	30.4



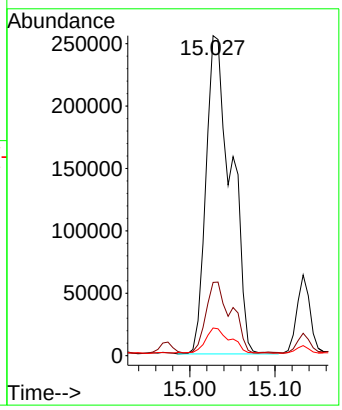


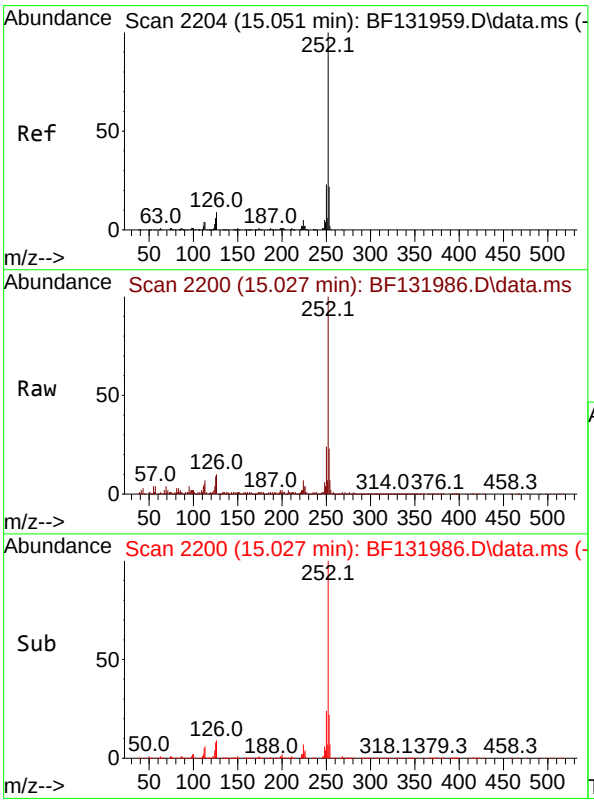
#88
Benzo(b)fluoranthene
Concen: 73.322 ng
RT: 15.027 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:252 Resp: 525537

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	8.7	5.8	8.6#

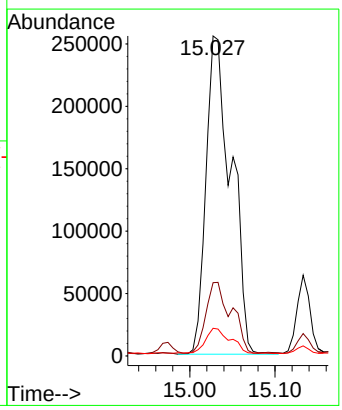


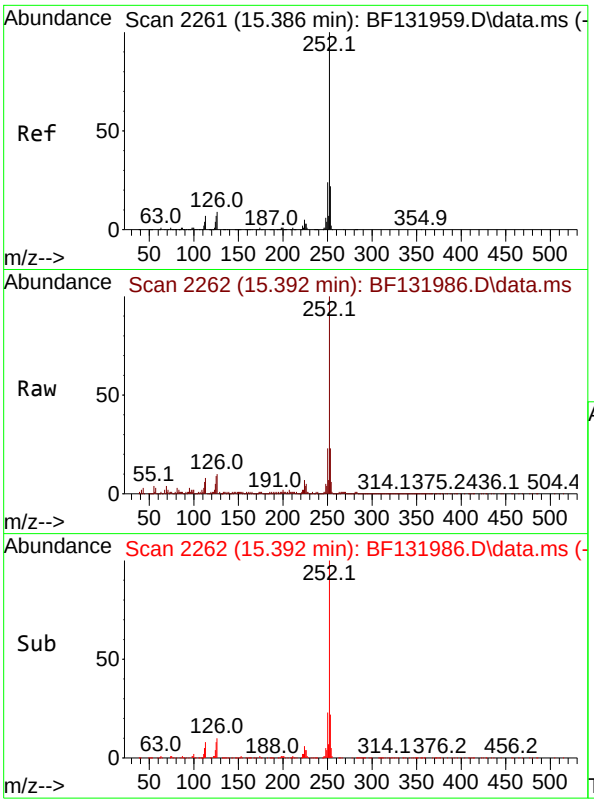


#89
Benzo(k)fluoranthene
Concen: 73.468 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.024 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Tgt Ion:252 Resp: 525537

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	8.7	5.2	7.8#



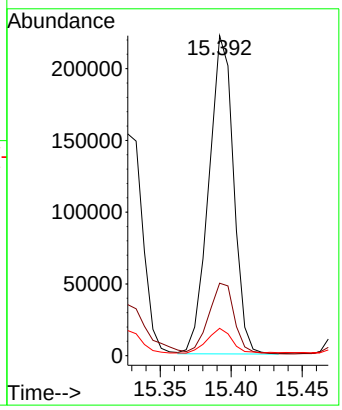


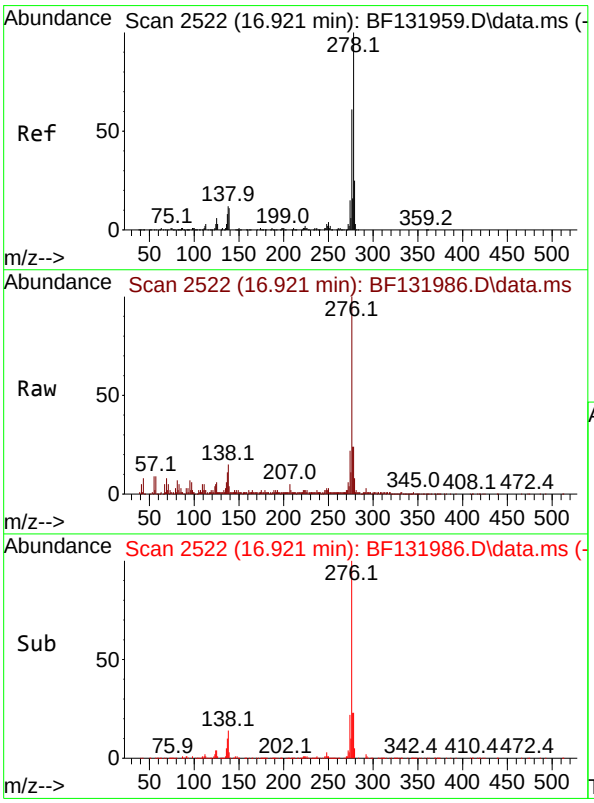
#90
Benzo(a)pyrene
Concen: 41.699 ng
RT: 15.392 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:252 Resp: 269284

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	8.6	5.7	8.5#

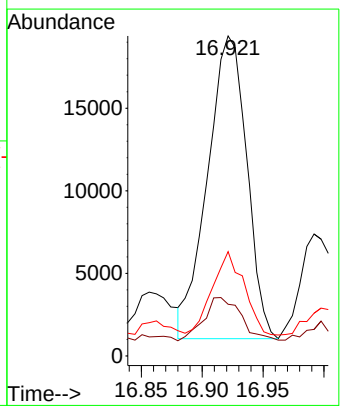


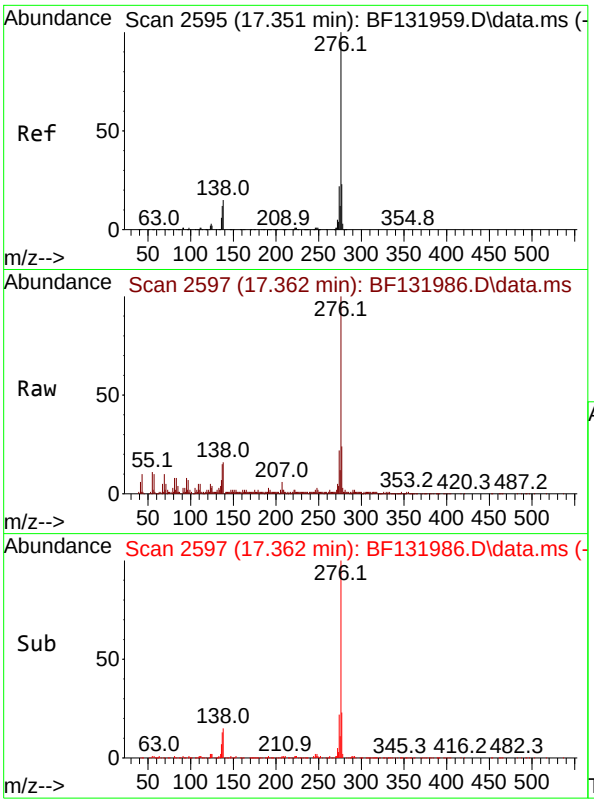


#91
Dibenzo(a,h)anthracene
Concen: 7.642 ng
RT: 16.921 min Scan# 2522
Delta R.T. -0.000 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Tgt Ion:278 Resp: 41058

Ion	Ratio	Lower	Upper
278	100		
139	16.1	8.8	13.2#
279	32.6	19.8	29.6#





#92
Benzo(g,h,i)perylene
Concen: 26.505 ng
RT: 17.362 min Scan# 2
Delta R.T. 0.011 min
Lab File: BF131986.D
Acq: 10 Jan 2023 03:21

Instrument :
BNA_F
ClientSampleId :
VNJ-228

Tgt Ion:276 Resp: 142675

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.2	27.2
138	16.1	11.7	17.5