Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128162.D
Acq On : 10 May 2022 16:11
Operator : CG\JU
Sample : N2755-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Time: May 11 04:00:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	82338	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	318707	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	180735	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	318809	20.000	ng	0.00
76) Chrysene-d12	14.068	240	182189	20.000	ng	-0.01
86) Perylene-d12	15.562	264	176338	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	457405	88.558	ng	0.00
7) Phenol-d6	6.516	99	596651	87.337	ng	-0.01
23) Nitrobenzene-d5	7.457	82	420441	59.360	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	172571	83.255	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	720836	62.406	ng	0.00
79) Terphenyl-d14	13.010	244	729826	75.167	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	53	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	57393	13.642	ng	# 78
25) Isophorone	7.457	82	419478	37.776	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	22635	8.847	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	22635	6.616	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	10691	3.117	ng	# 1
71) Phenanthrene	11.445	178	51387	3.237	ng	98
75) Fluoranthene	12.639	202	93307	5.421	ng	97
77) Benzidine	13.010	184	10822	2.743	ng	# 95
78) Pyrene	12.868	202	93185	7.054	ng	97
81) Benzo(a)anthracene	14.057	228	33407	2.871	ng	95
83) Chrysene	14.092	228	36223	3.262	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	23277	3.137	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	22985	2.155	ng	94
88) Benzo(b)fluoranthene	15.121	252	50931	4.659	ng	95
89) Benzo(k)fluoranthene	15.121	252	50931	4.720	ng	# 93
90) Benzo(a)pyrene	15.498	252	27713	3.140	ng	99
92) Benzo(g,h,i)perylene	17.533	276	22800	2.608	ng	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
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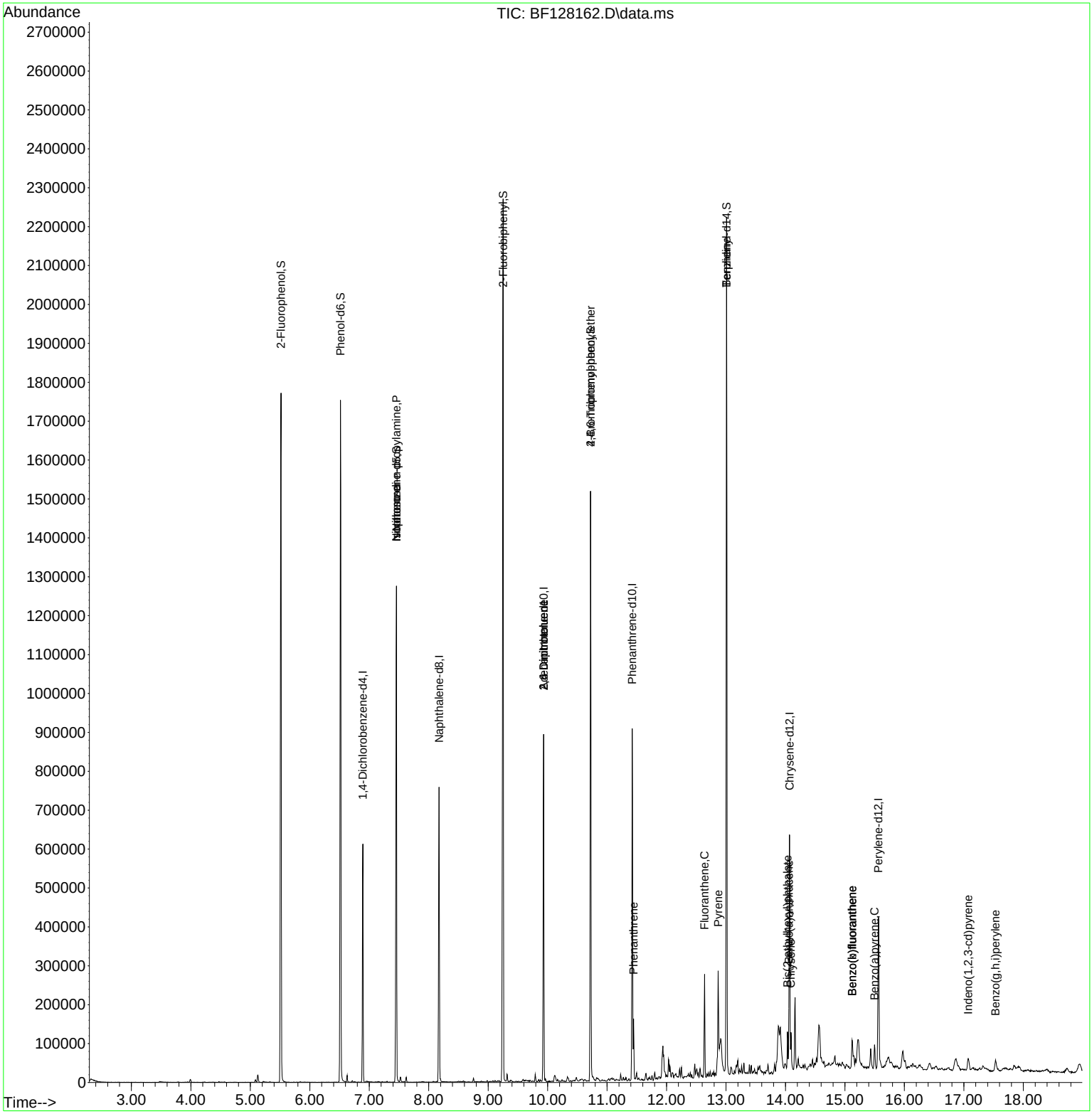
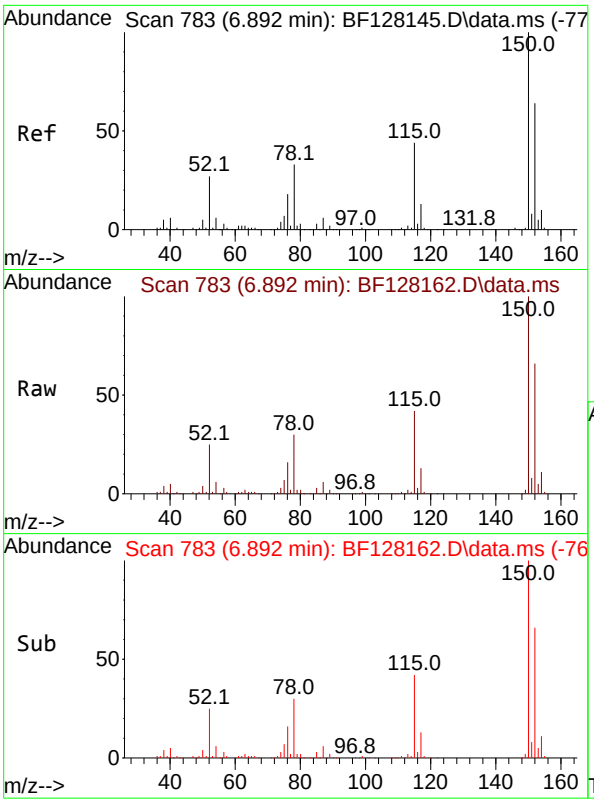
VNJ-210

Quant Time: May 11 04:00:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration



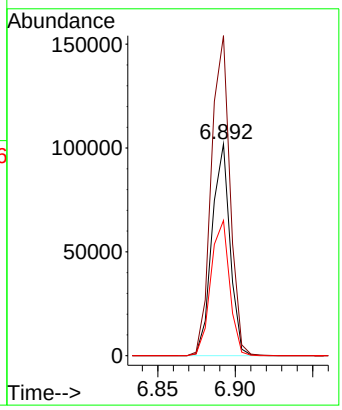


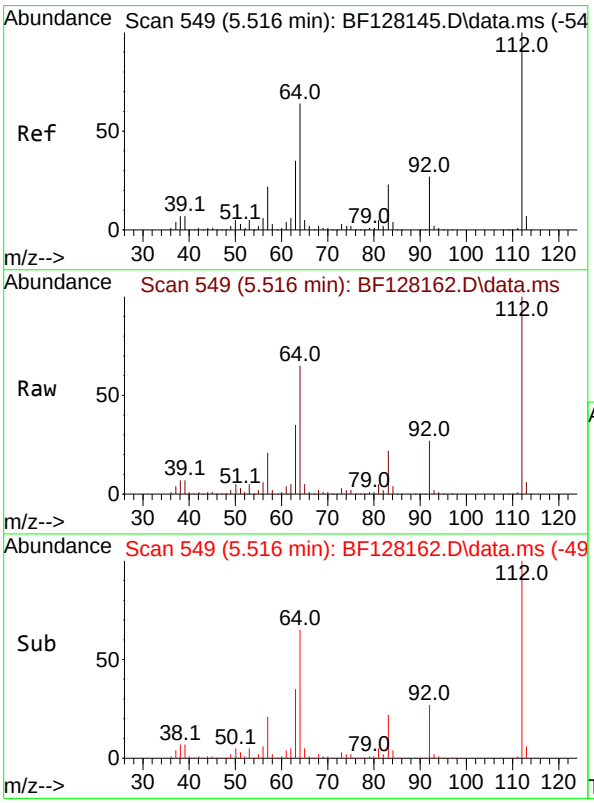
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:152 Resp: 82338

Ion	Ratio	Lower	Upper
152	100		
150	151.2	125.3	187.9
115	63.9	48.8	73.2

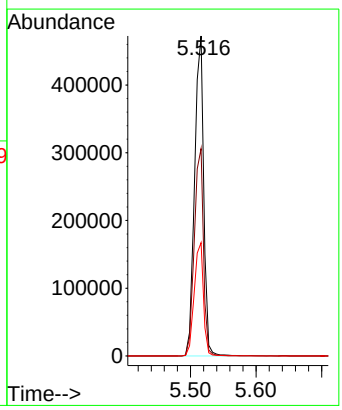


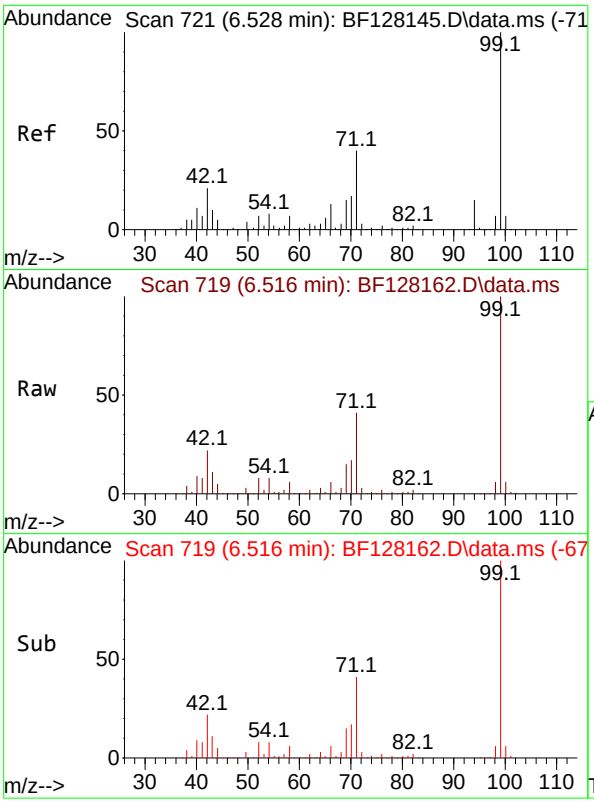


#5
2-Fluorophenol
Concen: 88.558 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Tgt Ion:112 Resp: 457405

Ion	Ratio	Lower	Upper
112	100		
64	64.8	49.5	74.3
63	35.4	26.3	39.5



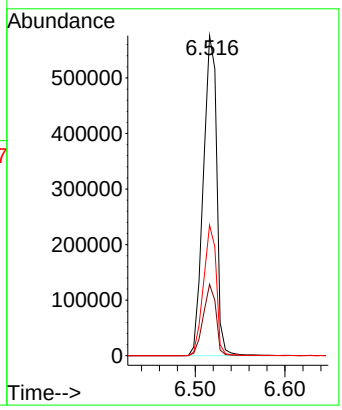


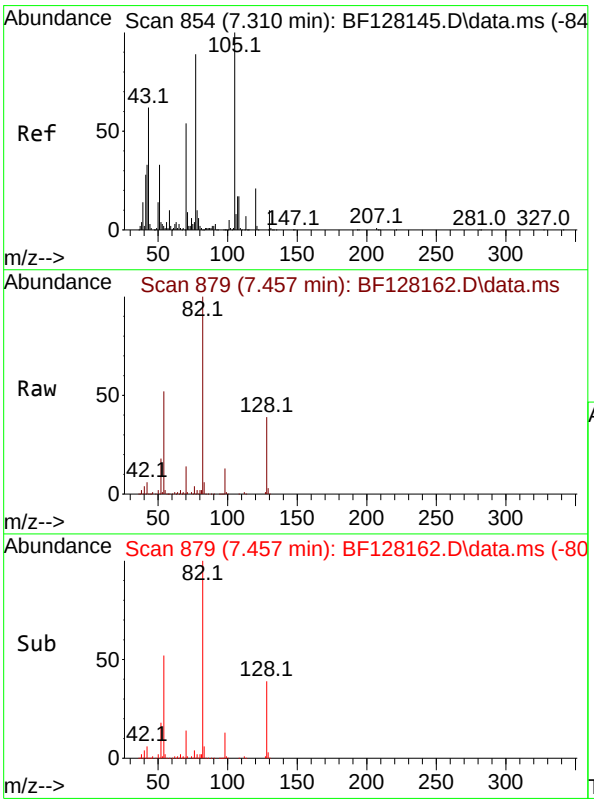
#7
Phenol-d6
Concen: 87.337 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion: 99 Resp: 596651

Ion	Ratio	Lower	Upper
99	100		
42	22.3	16.6	24.8
71	40.8	30.0	45.0

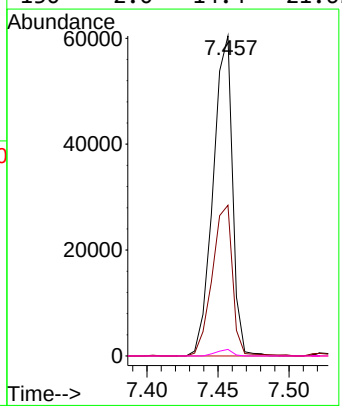


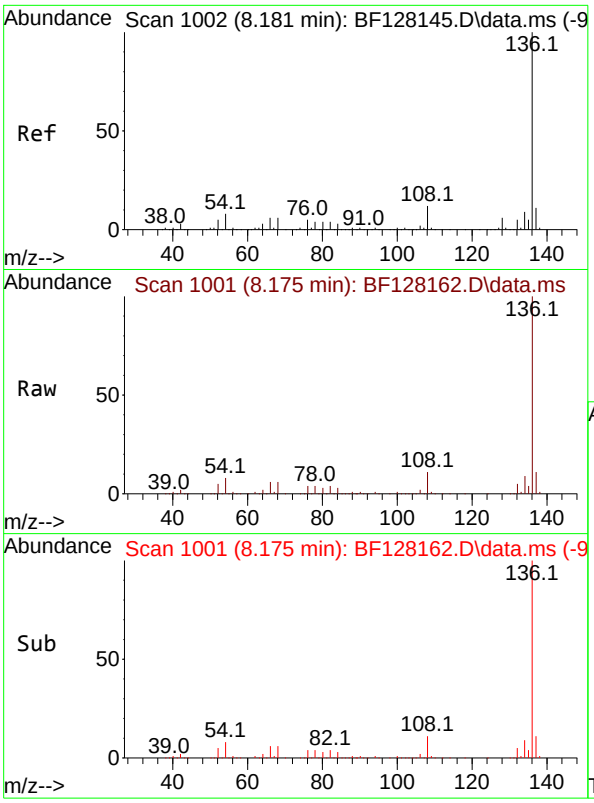


#19
n-Nitroso-di-n-propylamine
Concen: 13.642 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Tgt Ion: 70 Resp: 57393

Ion	Ratio	Lower	Upper
70	100		
42	47.1	48.7	73.1#
101	0.0	7.2	10.8#
130	2.0	14.4	21.6#



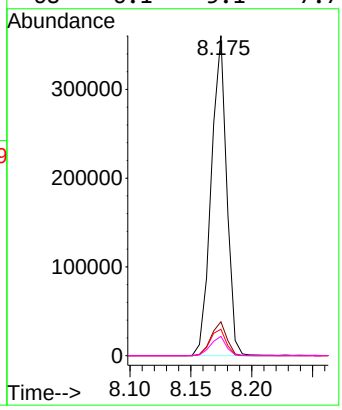


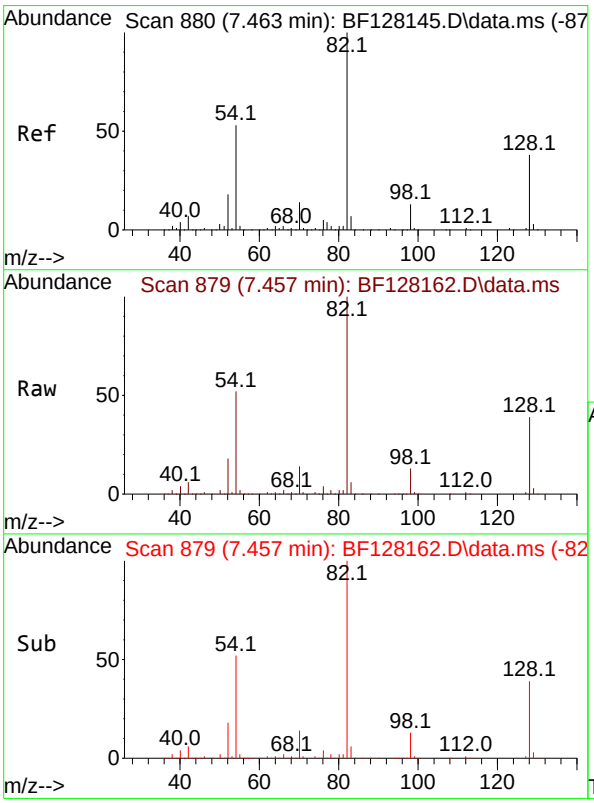
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:136 Resp: 318707

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.2	6.8	10.2
68	6.1	5.1	7.7

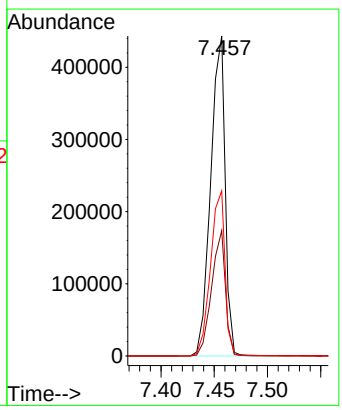


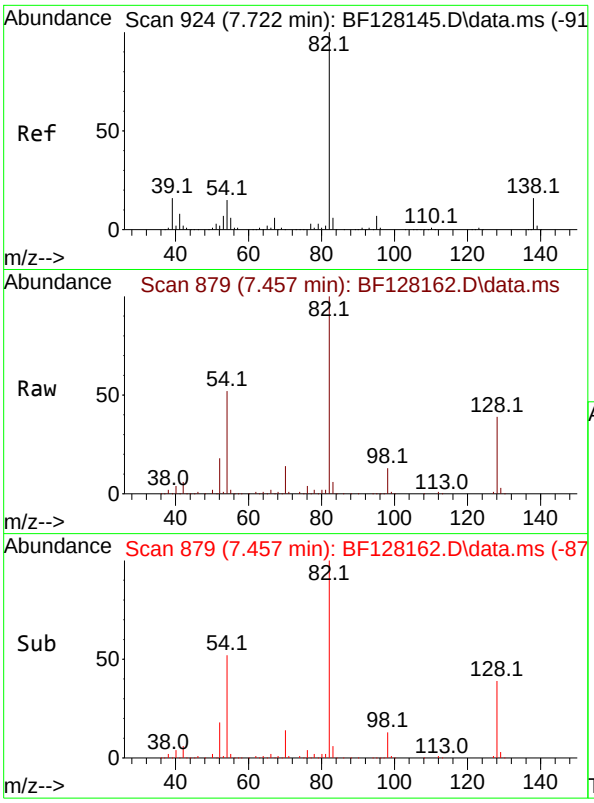


#23
Nitrobenzene-d5
Concen: 59.360 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Tgt Ion: 82 Resp: 420441

Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.0	45.0
54	51.6	41.3	61.9



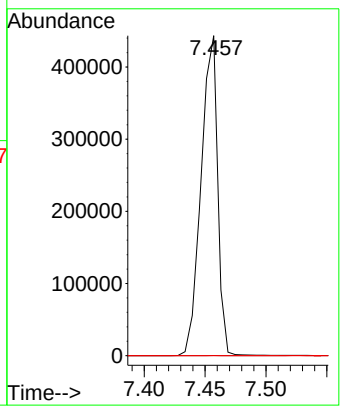


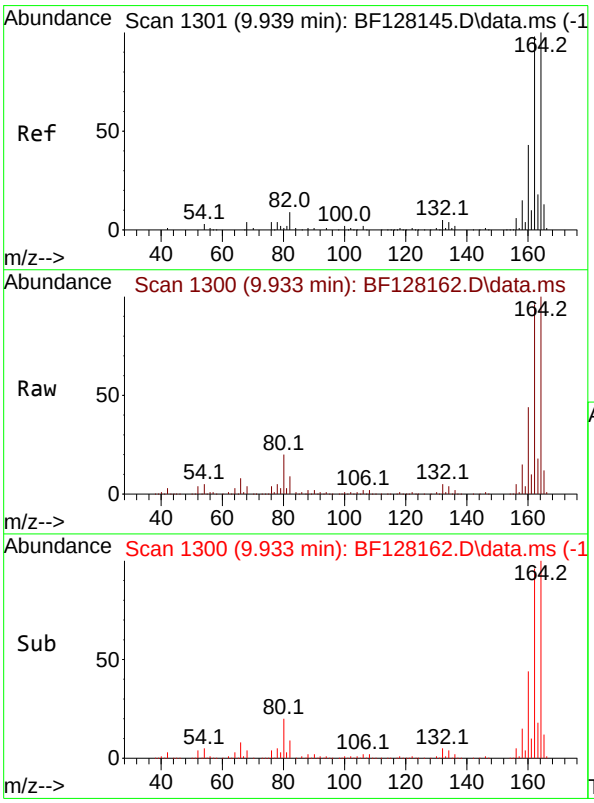
#25
Isophorone
Concen: 37.776 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion: 82 Resp: 419478

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	12.5	18.7#

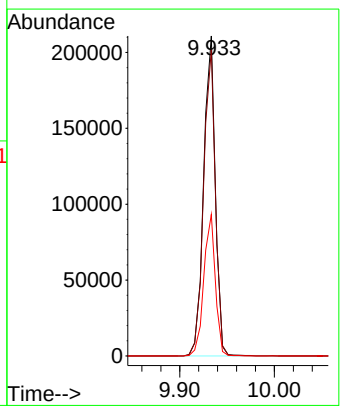


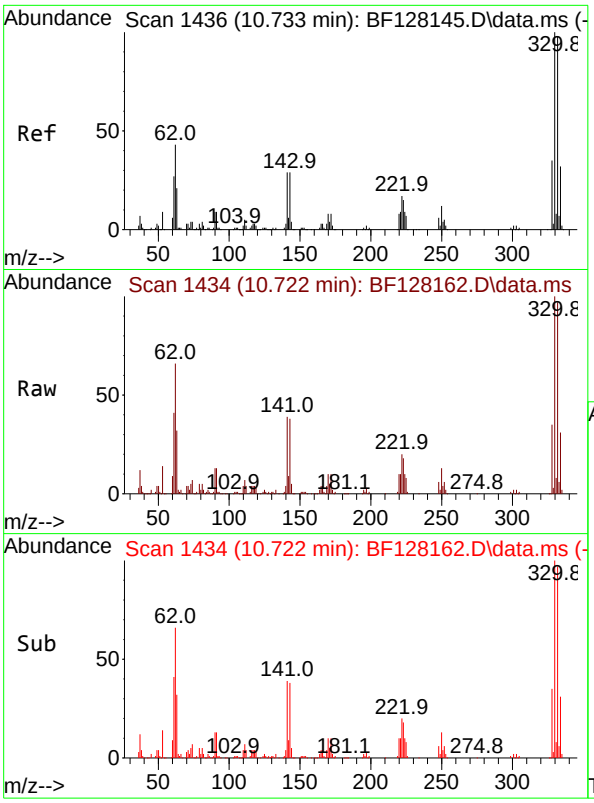


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Tgt Ion:164 Resp: 180735

Ion	Ratio	Lower	Upper
164	100		
162	95.6	76.0	114.0
160	44.2	34.8	52.2



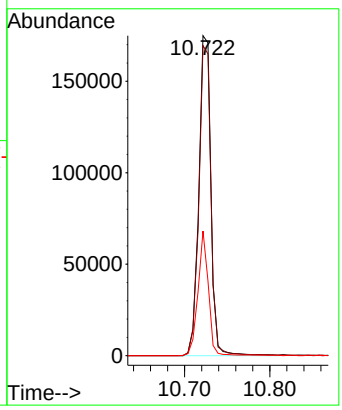


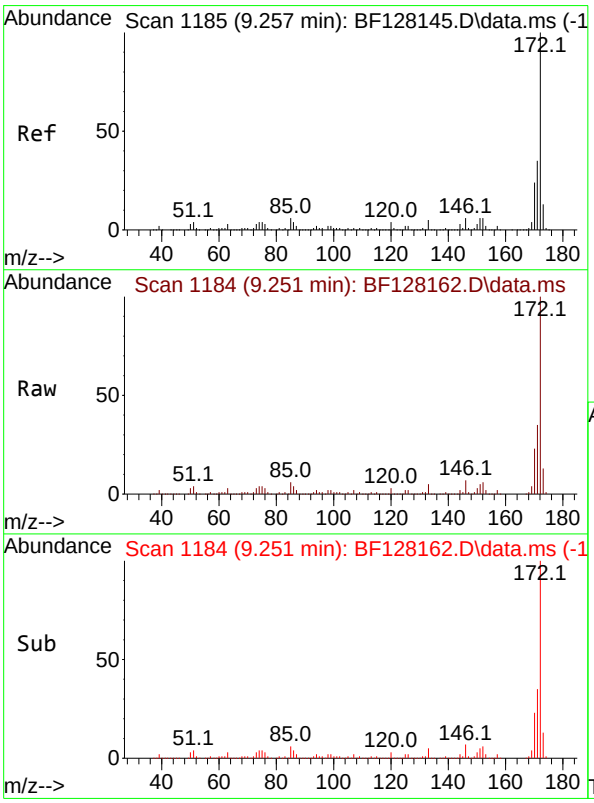
#42
2,4,6-Tribromophenol
Concen: 83.255 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:330 Resp: 172571

Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	33.5	28.9	43.3

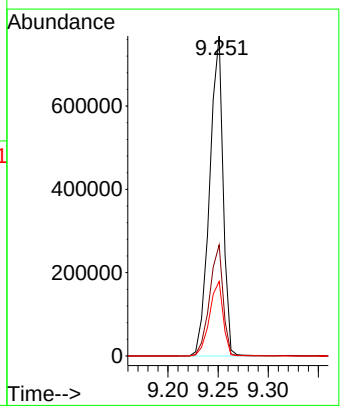


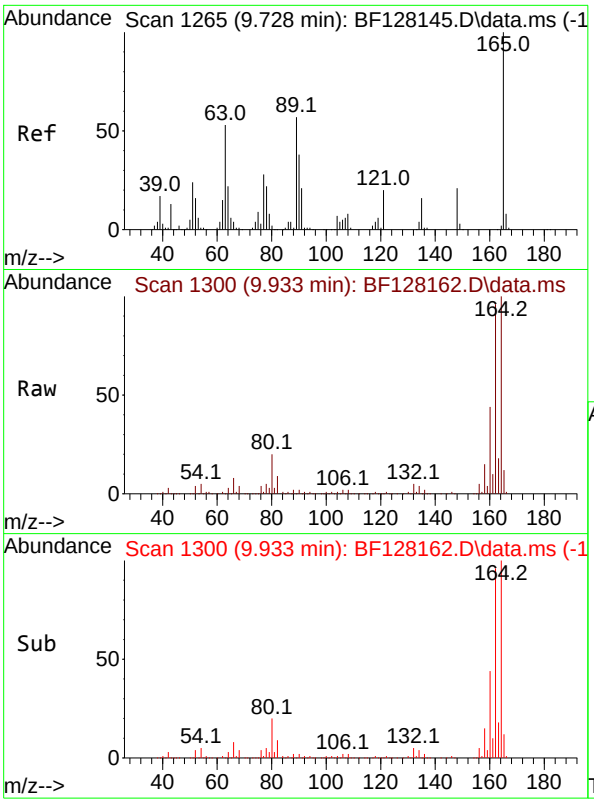


#45
2-Fluorobiphenyl
Concen: 62.406 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Tgt Ion:172 Resp: 720836

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	23.3	19.1	28.7



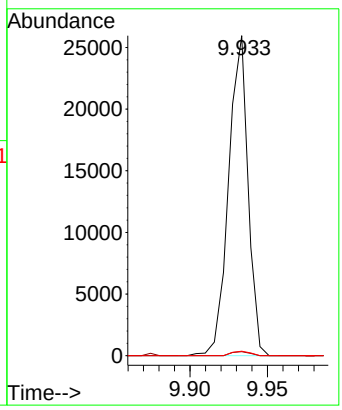


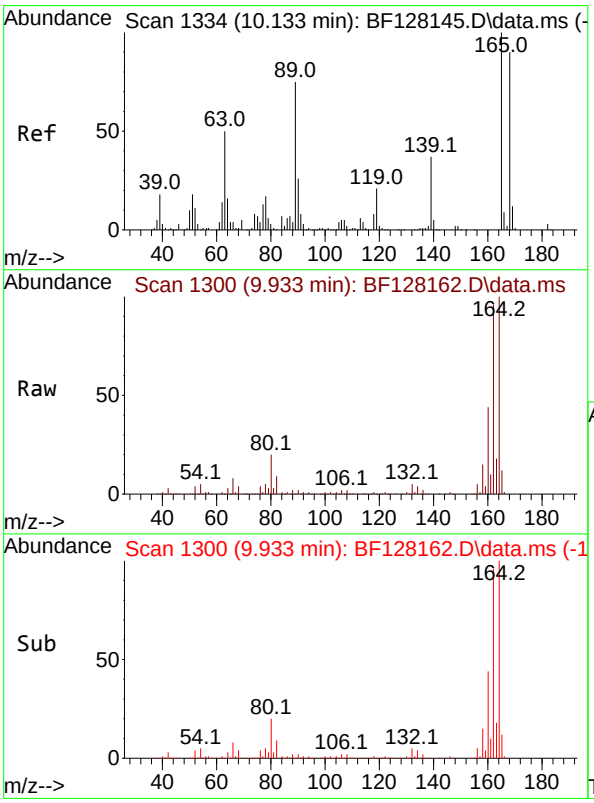
#51
2,6-Dinitrotoluene
Concen: 8.847 ng
RT: 9.933 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:165 Resp: 22635

Ion	Ratio	Lower	Upper
165	100		
63	1.2	49.5	74.3#
89	1.4	49.0	73.4#

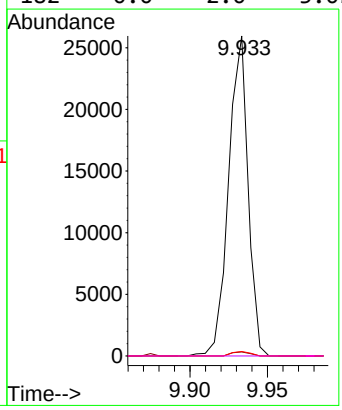


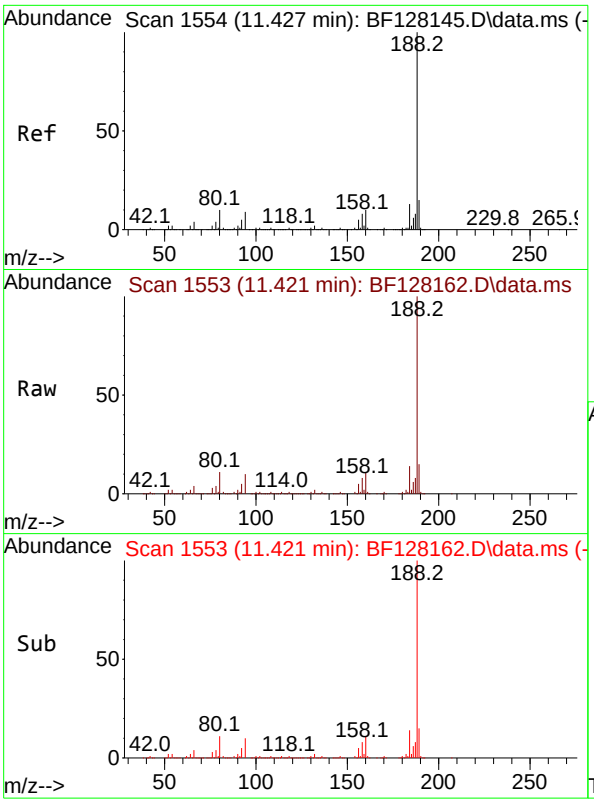


#57
2,4-Dinitrotoluene
Concen: 6.616 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Tgt Ion:165 Resp: 22635

Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.6	49.0#
89	1.4	55.2	82.8#
182	0.0	2.0	3.0#



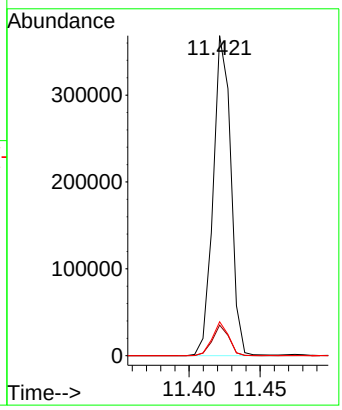


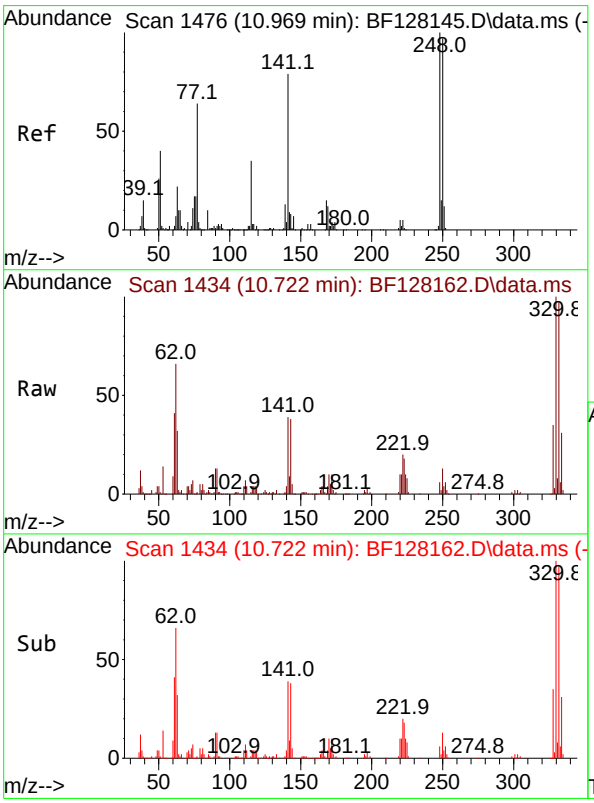
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:188 Resp: 318809

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	10.6	8.9	13.3

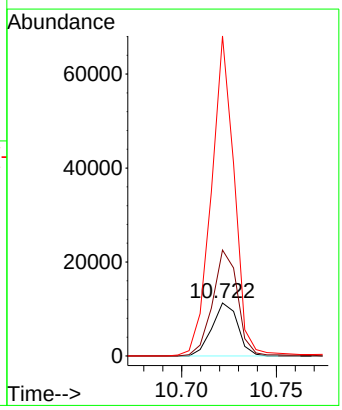


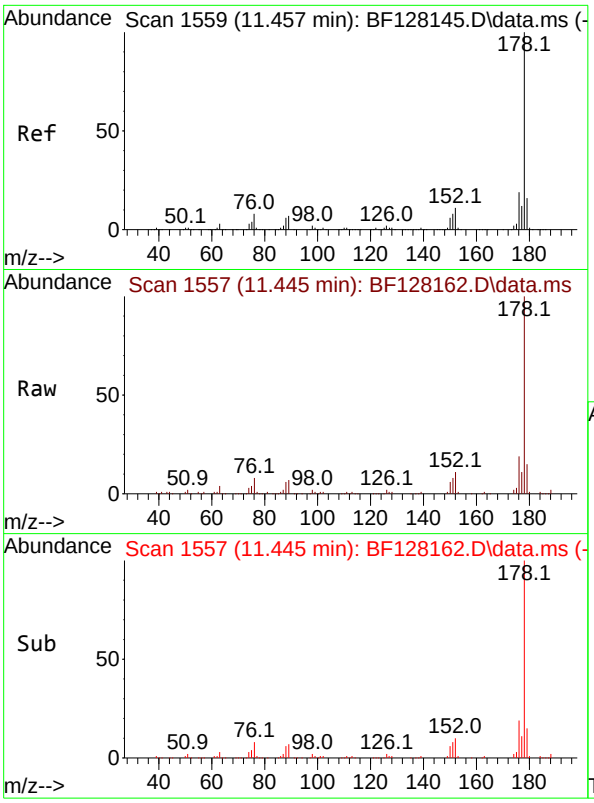


#67
4-Bromophenyl-phenylether
Concen: 3.117 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Tgt Ion:248 Resp: 10691

Ion	Ratio	Lower	Upper
248	100		
250	199.7	77.7	116.5#
141	603.3	65.6	98.4#



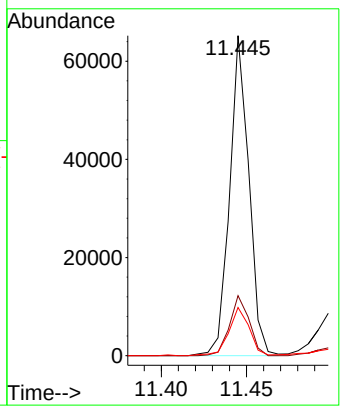


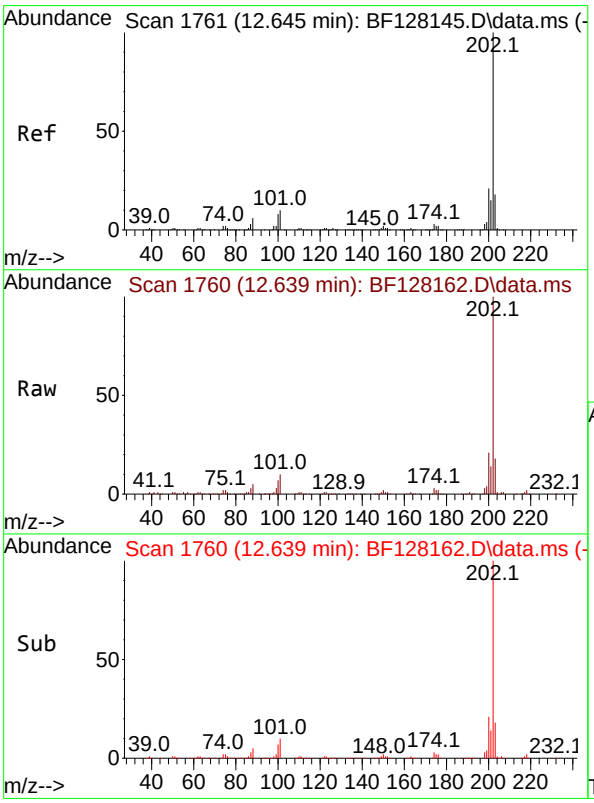
#71
Phenanthrene
Concen: 3.237 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:178 Resp: 51387

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.1	12.6	19.0

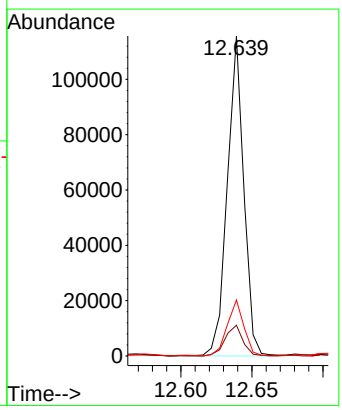


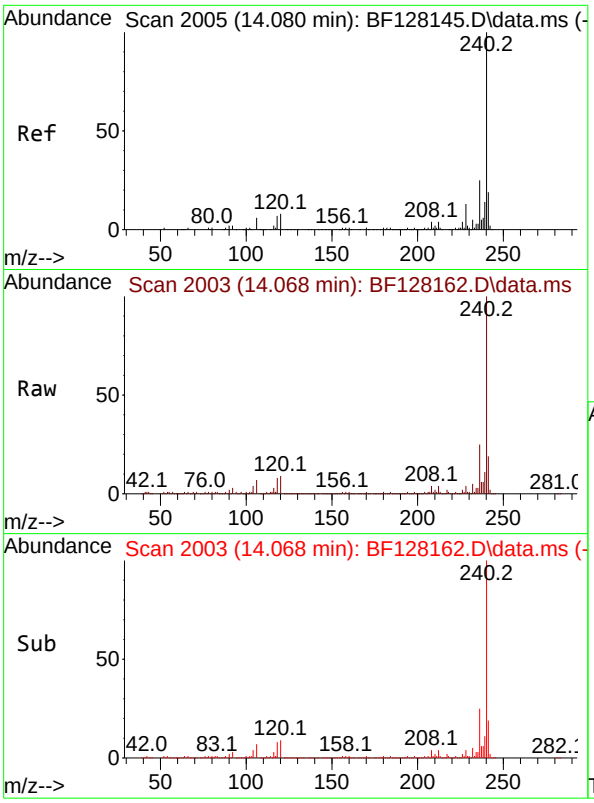


#75
Fluoranthene
Concen: 5.421 ng
RT: 12.639 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Tgt Ion:202 Resp: 93307

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.6
203	17.5	0.0	38.1



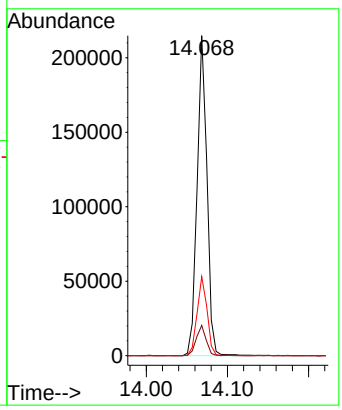


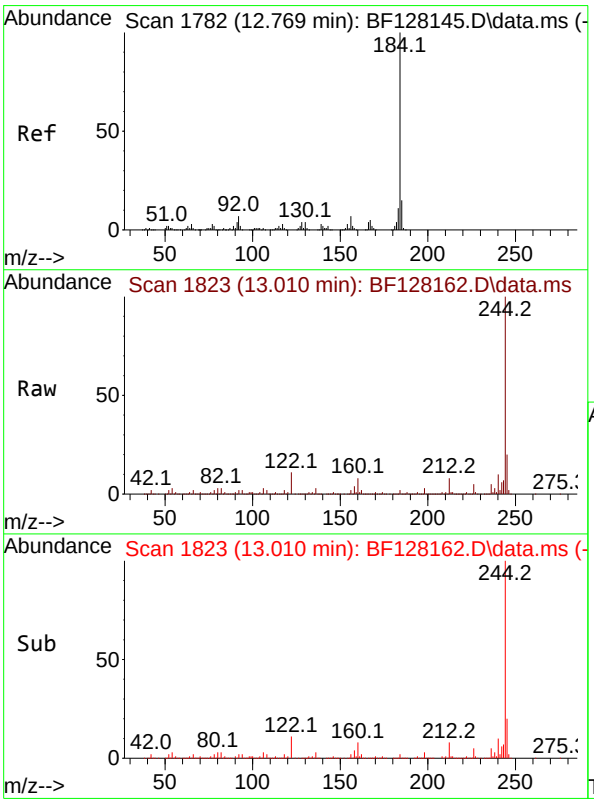
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:240 Resp: 182189

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.0	10.6
236	24.7	20.3	30.5

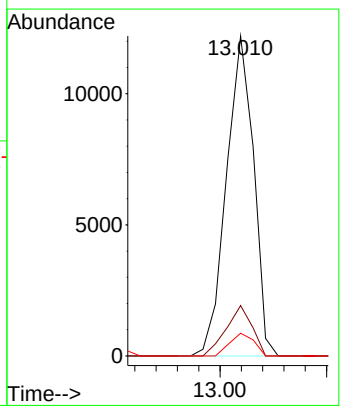


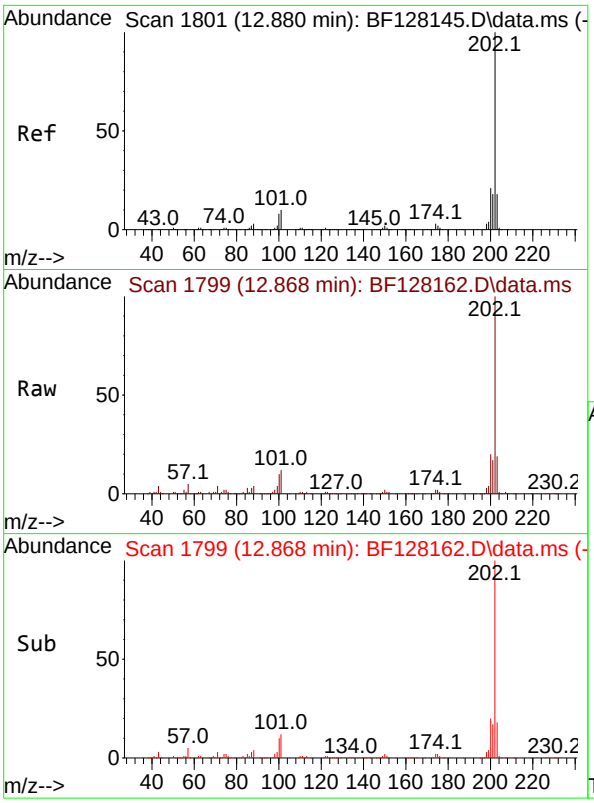


#77
Benzidine
Concen: 2.743 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Tgt Ion:184 Resp: 10822

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.1	18.1
183	7.1	9.0	13.4#



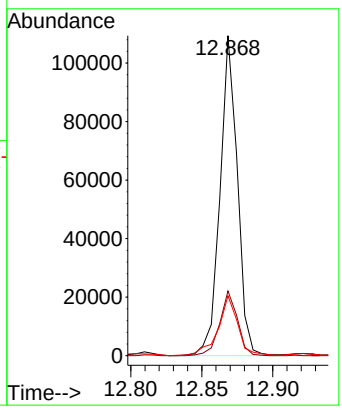


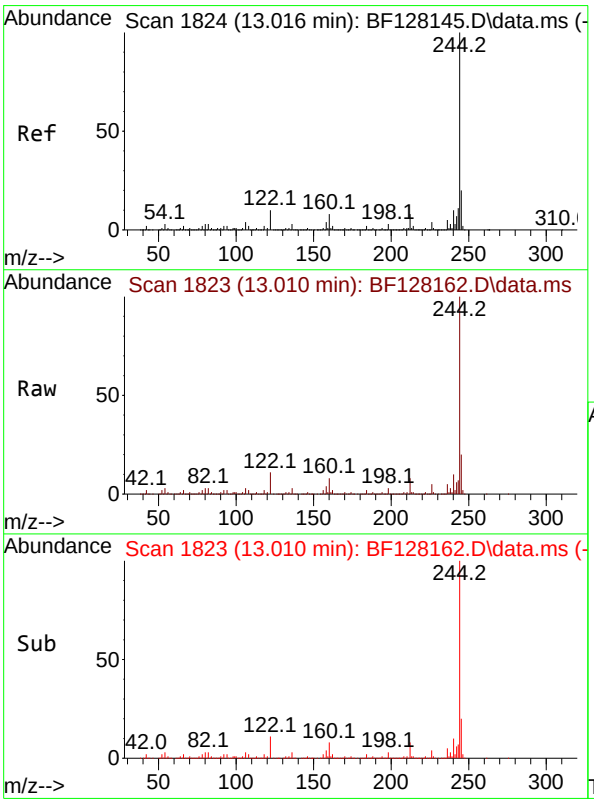
#78
Pyrene
Concen: 7.054 ng
RT: 12.868 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:202 Resp: 93185

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	18.7	14.0	21.0

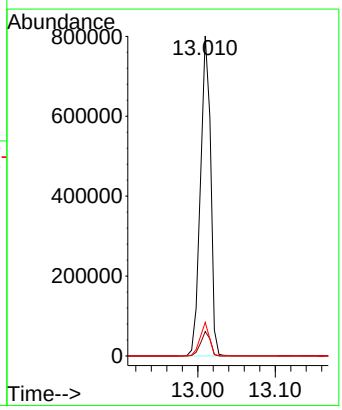


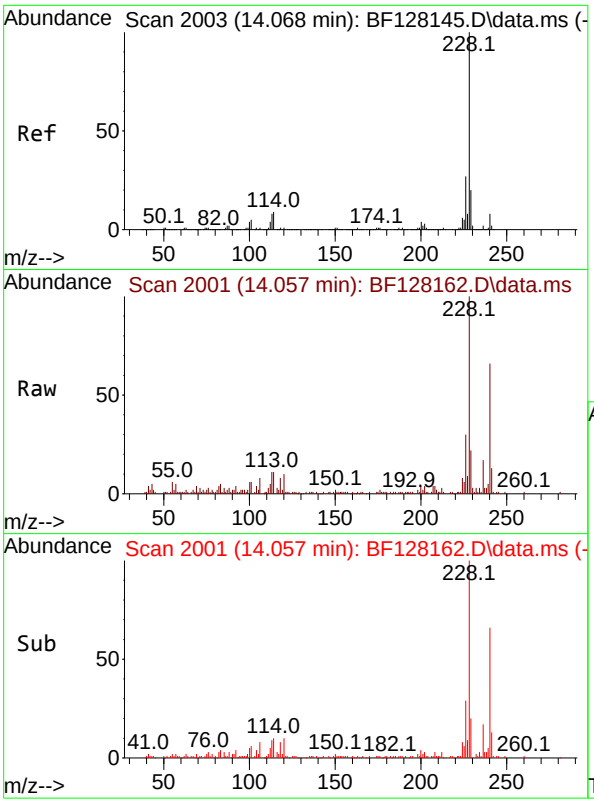


#79
Terphenyl-d14
Concen: 75.167 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Tgt Ion:244 Resp: 729826

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	10.5	8.6	12.8



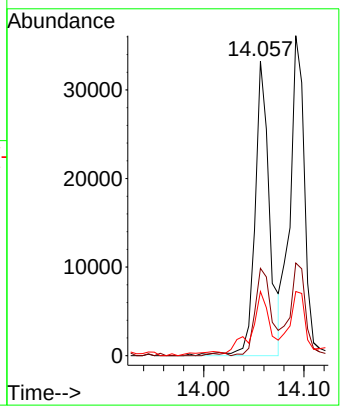


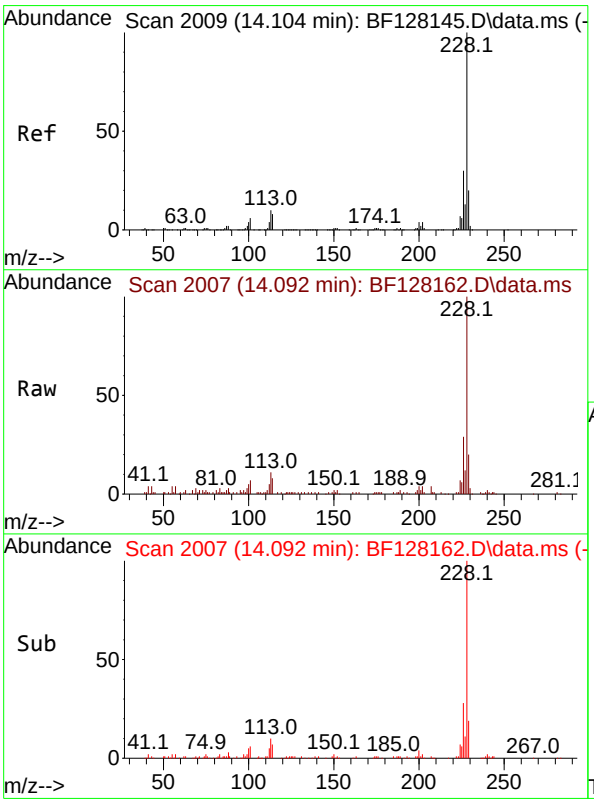
#81
Benzo(a)anthracene
Concen: 2.871 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:228 Resp: 33407

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.7	32.5
229	21.8	15.4	23.2

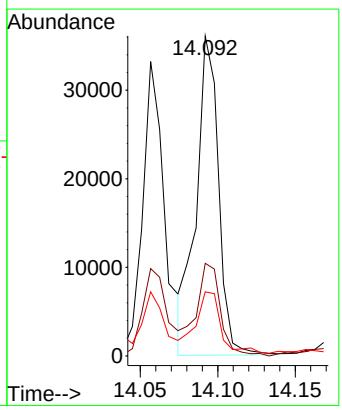


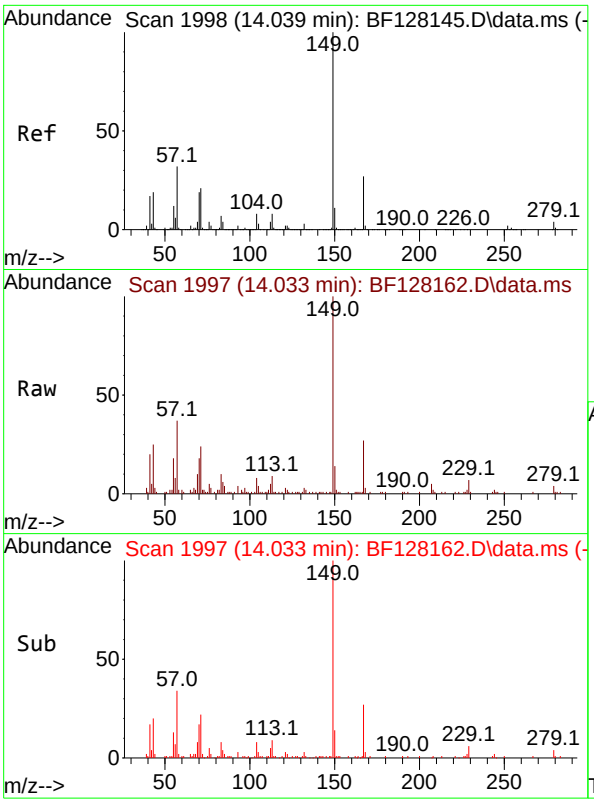


#83
Chrysene
Concen: 3.262 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Tgt Ion:228 Resp: 36223

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.4	36.6
229	20.1	15.8	23.8



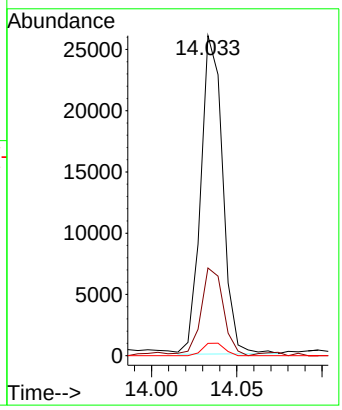


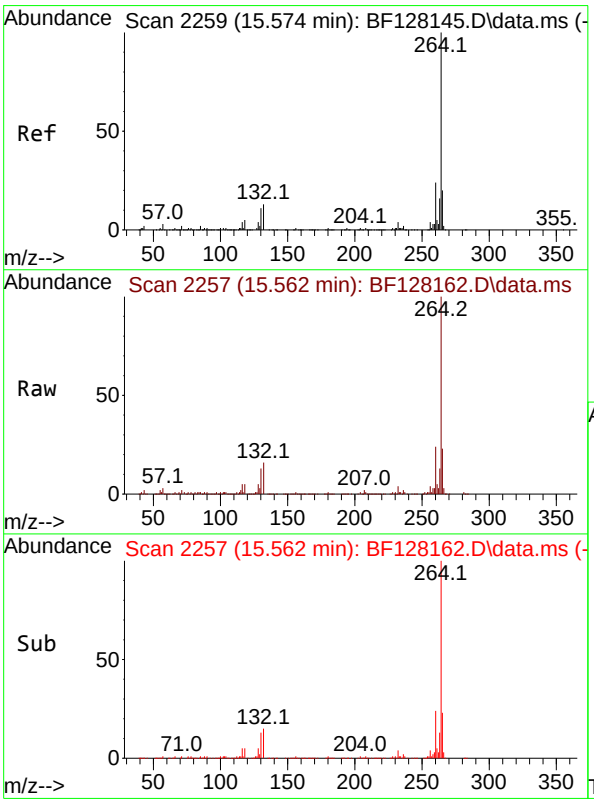
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.137 ng
RT: 14.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:149 Resp: 23277

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.0	33.0
279	3.8	3.4	5.0

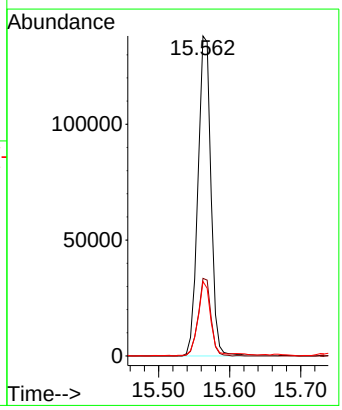


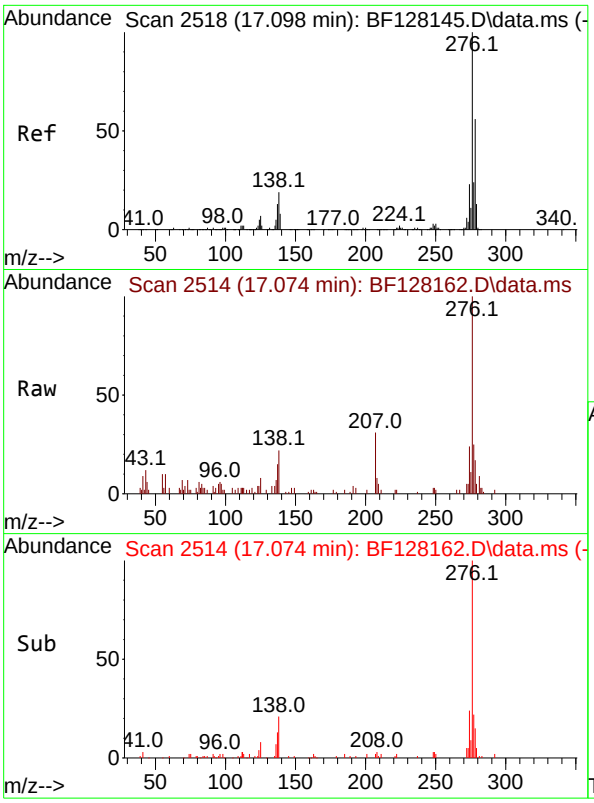


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Tgt Ion:264 Resp: 176338

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.1	30.1
265	23.2	17.5	26.3



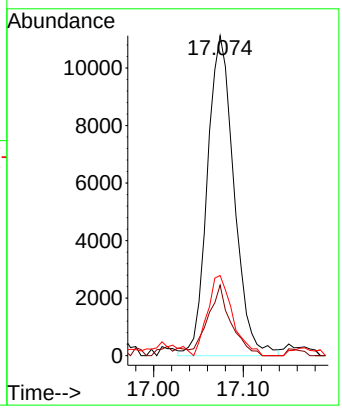


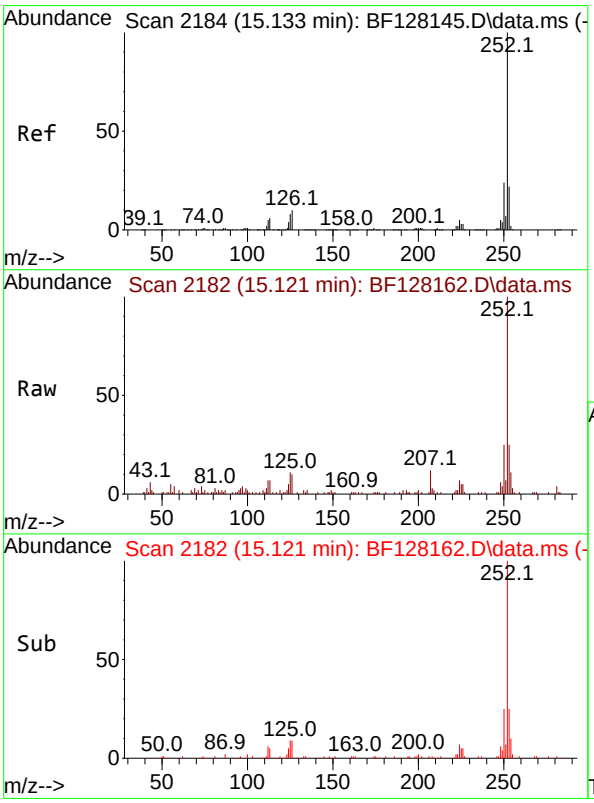
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.155 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:276 Resp: 22985

Ion	Ratio	Lower	Upper
276	100		
138	19.0	19.0	28.4
277	23.4	20.1	30.1

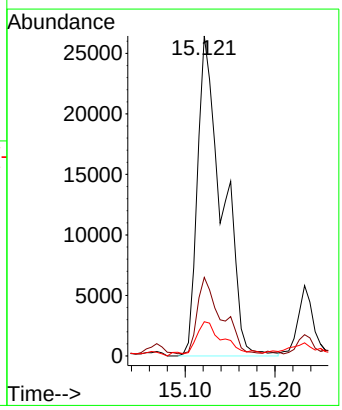


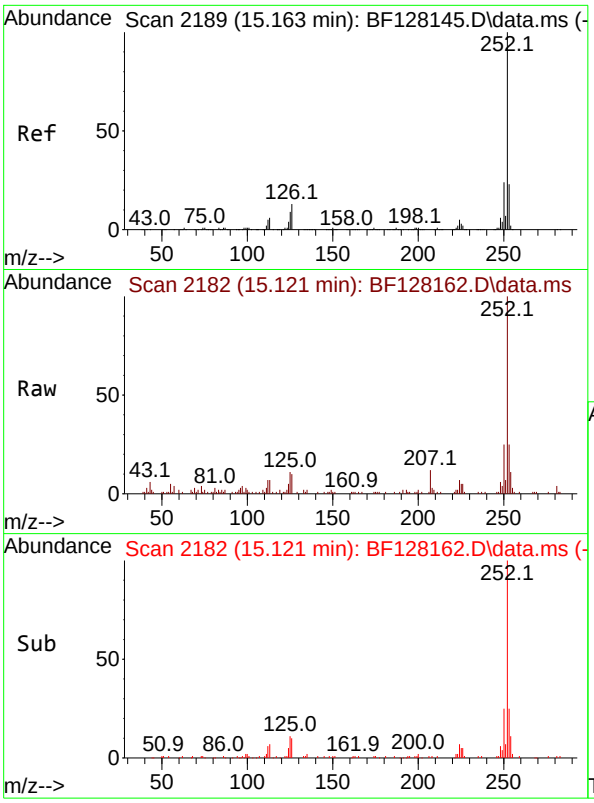


#88
Benzo(b)fluoranthene
Concen: 4.659 ng
RT: 15.121 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Tgt Ion:252 Resp: 50931

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.2
125	10.7	7.4	11.2



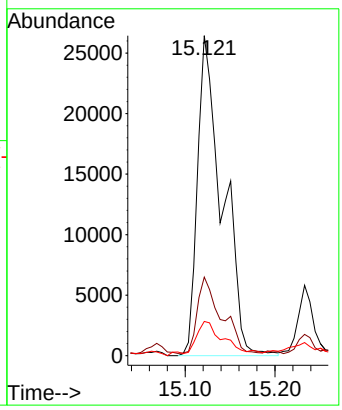


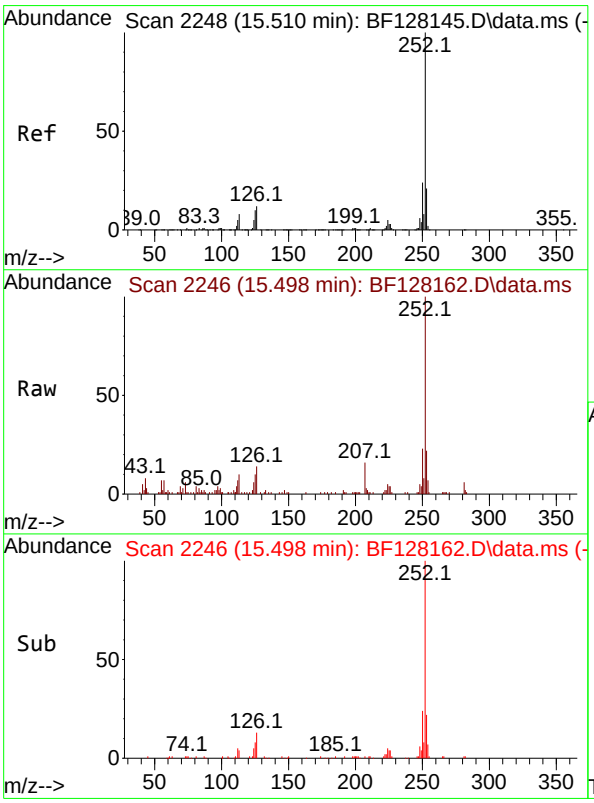
#89
Benzo(k)fluoranthene
Concen: 4.720 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:252 Resp: 50931

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.4
125	10.7	6.8	10.2#

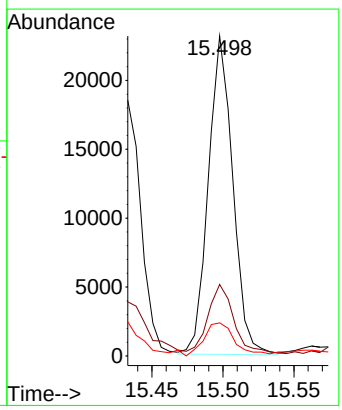


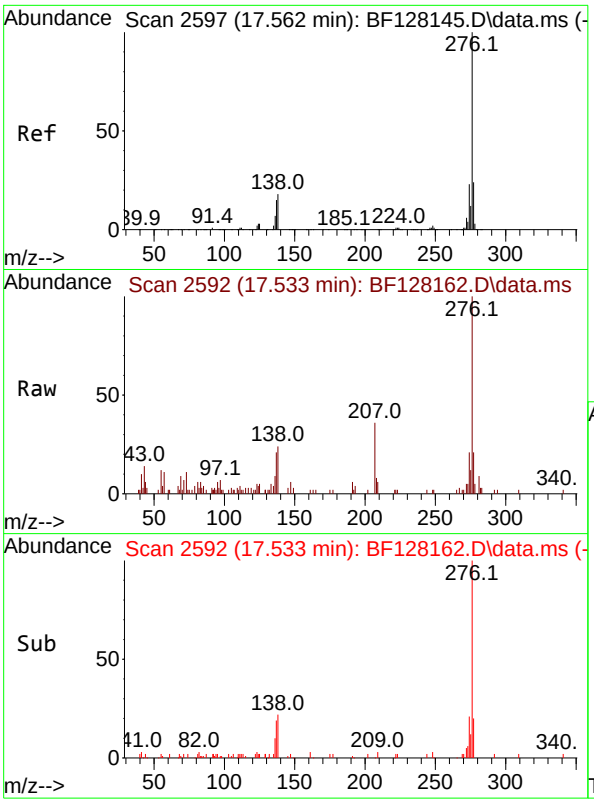


#90
Benzo(a)pyrene
Concen: 3.140 ng
RT: 15.498 min Scan# 2246
Delta R.T. -0.012 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Tgt Ion:252 Resp: 27713

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.4	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 2.608 ng
RT: 17.533 min Scan# 2
Delta R.T. -0.030 min
Lab File: BF128162.D
Acq: 10 May 2022 16:11

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:276 Resp: 22800

Ion	Ratio	Lower	Upper
276	100		
277	20.9	18.8	28.2
138	23.9	16.2	24.2