Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143999.D
Acq On : 20 Oct 2025 15:29
Operator : RC/JU
Sample : Q3381-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Quant Time: Oct 20 16:33:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	100756	20.00	ng		0.00
21) Naphthalene-d8	8.163	136	386445	20.00	ng		0.00
39) Acenaphthene-d10	9.922	164	196400	20.00	ng		0.00
64) Phenanthrene-d10	11.410	188	326671	20.00	ng		0.00
76) Chrysene-d12	14.063	240	245890	20.00	ng		0.00
86) Perylene-d12	15.545	264	311094	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	632637	99.71	ng		0.00
7) Phenol-d6	6.504	99	764086	101.03	ng		-0.01
23) Nitrobenzene-d5	7.439	82	436870	68.68	ng		-0.02
42) 2,4,6-Tribromophenol	10.710	330	167262	85.50	ng		-0.01
45) 2-Fluorobiphenyl	9.239	172	676373	54.65	ng		-0.01
79) Terphenyl-d14	12.998	244	755633	52.52	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	63808	12.33	ng	#	77
25) Isophorone	7.439	82	364019	27.14	ng	#	68
51) 2,6-Dinitrotoluene	9.922	165	25101	10.85	ng	#	26
57) 2,4-Dinitrotoluene	9.922	165	25101	7.98	ng	#	27
63) Azobenzene	10.633	77	44193	3.65	ng	#	1
67) 4-Bromophenyl-phenylether	10.710	248	10084	2.79	ng	#	1
71) Phenanthrene	11.433	178	134056	8.46	ng		99
72) Anthracene	11.486	178	77948	4.87	ng		99
75) Fluoranthene	12.627	202	219249	13.40	ng		99
78) Pyrene	12.857	202	199692	9.74	ng		98
81) Benzo(a)anthracene	14.051	228	151903	9.44	ng		98
83) Chrysene	14.086	228	216830	14.56	ng		98
87) Indeno(1,2,3-cd)pyrene	17.039	276	95032	4.99	ng		100
88) Benzo(b)fluoranthene	15.110	252	395600	22.14	ng		100
89) Benzo(k)fluoranthene	15.110	252	395600	23.92	ng		99
90) Benzo(a)pyrene	15.480	252	159201	10.27	ng	#	98
92) Benzo(g,h,i)perylene	17.492	276	81596	5.32	ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
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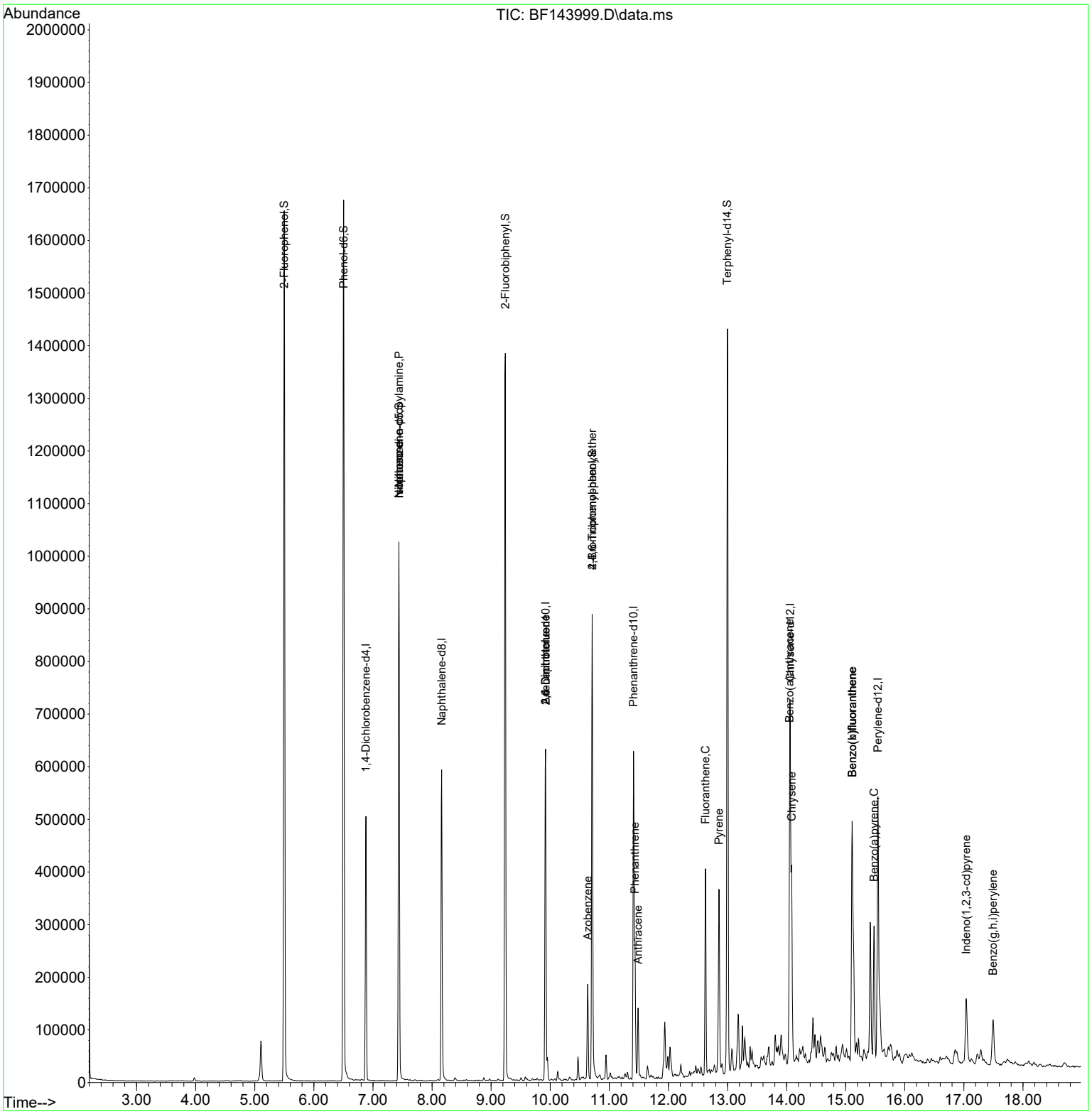
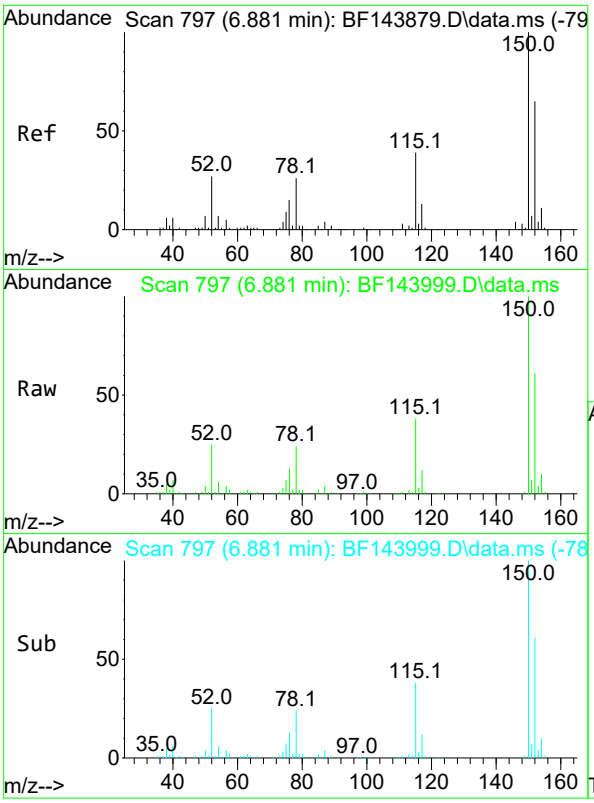


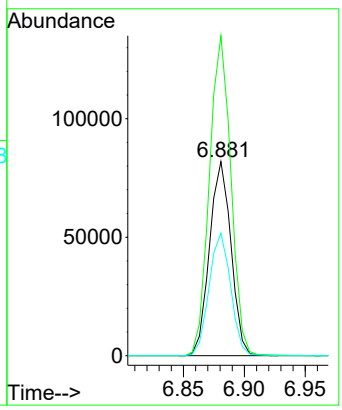


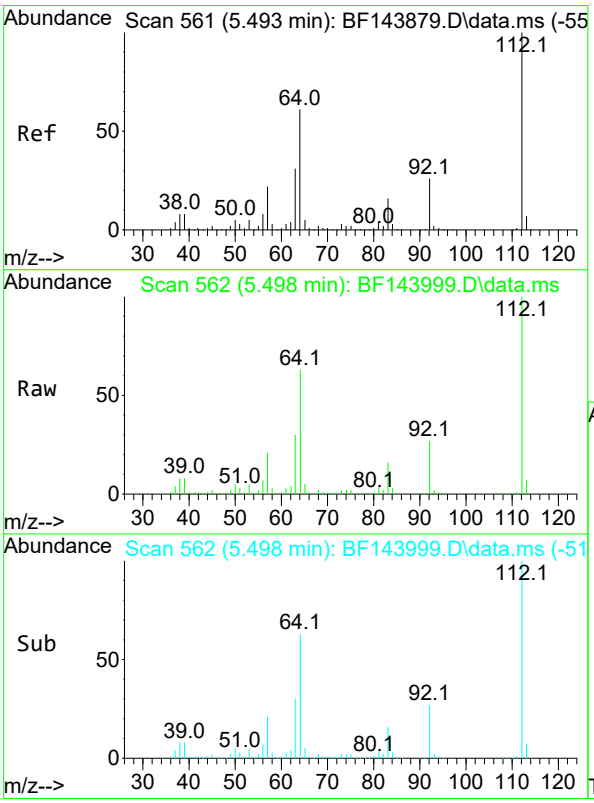
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Tgt Ion:152 Resp: 100756

Ion	Ratio	Lower	Upper
152	100		
150	164.9	124.4	186.6
115	63.2	48.1	72.1

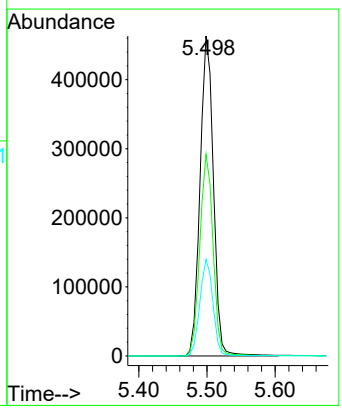


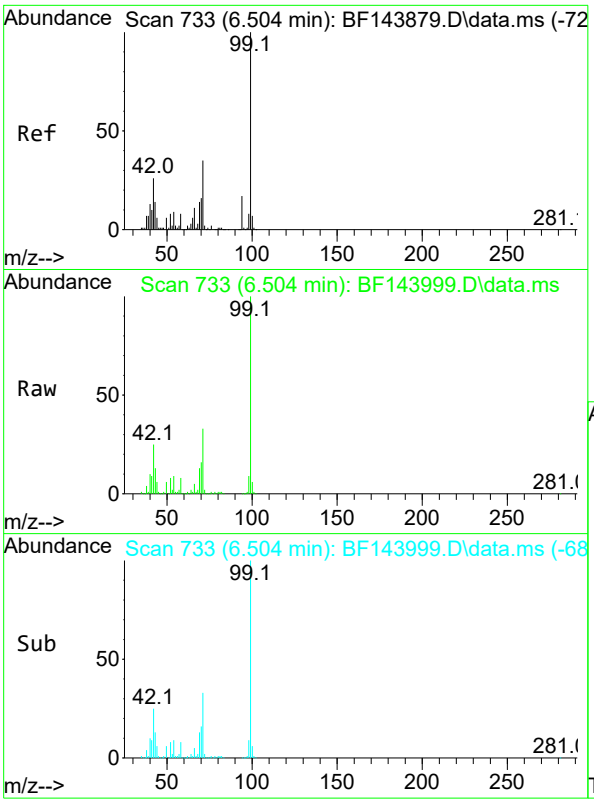


#5
2-Fluorophenol
Concen: 99.71 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Tgt Ion:112 Resp: 632637

Ion	Ratio	Lower	Upper
112	100		
64	63.0	49.1	73.7
63	30.2	24.5	36.7



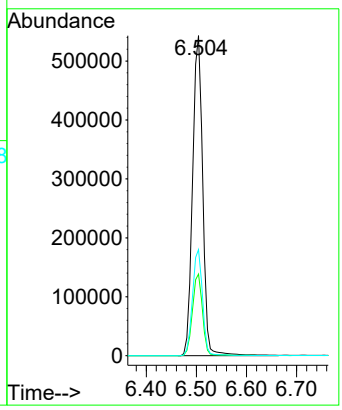


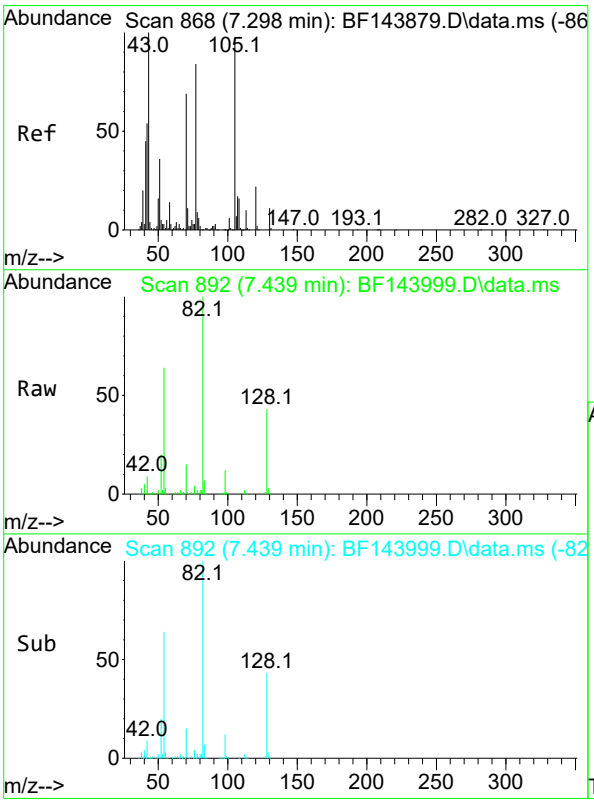
#7
Phenol-d6
Concen: 101.03 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Tgt Ion: 99 Resp: 764086

Ion	Ratio	Lower	Upper
99	100		
42	25.5	21.0	31.4
71	33.1	27.8	41.8

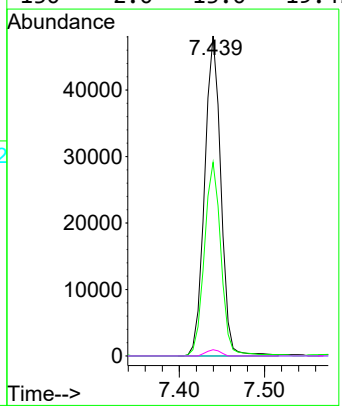


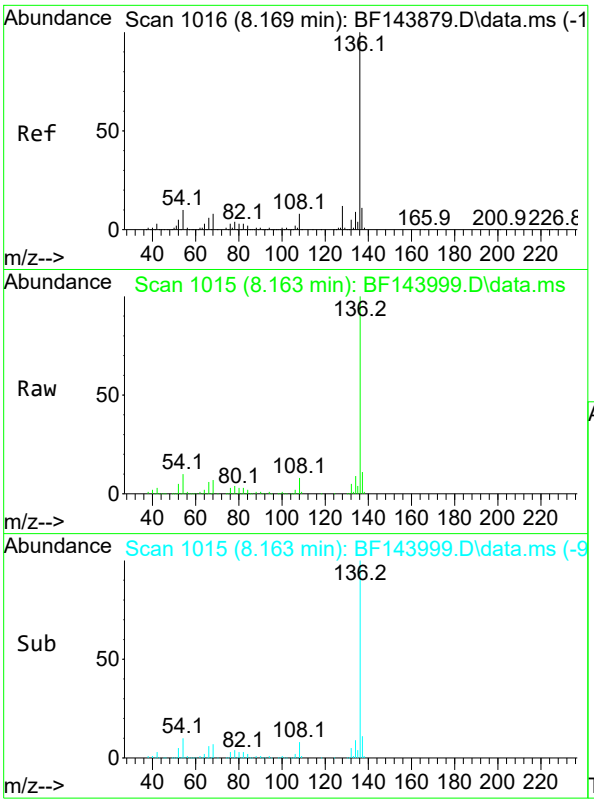


#19
n-Nitroso-di-n-propylamine
Concen: 12.33 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.124 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Tgt Ion: 70 Resp: 63808

Ion	Ratio	Lower	Upper
70	100		
42	60.5	62.8	94.2#
101	0.0	6.7	10.1#
130	2.0	13.0	19.4#



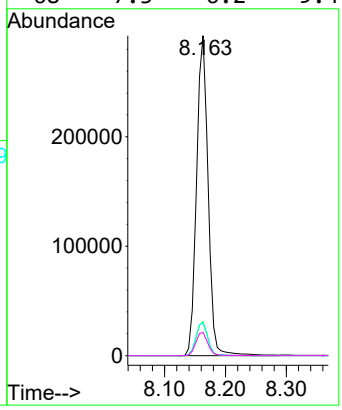


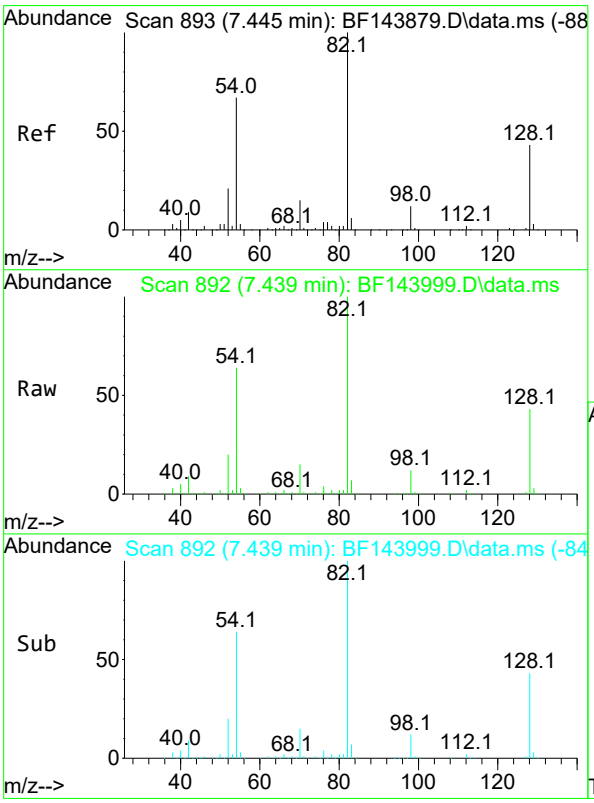
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Tgt Ion:136 Resp: 386445

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.3	8.2	12.4
68	7.3	6.2	9.4

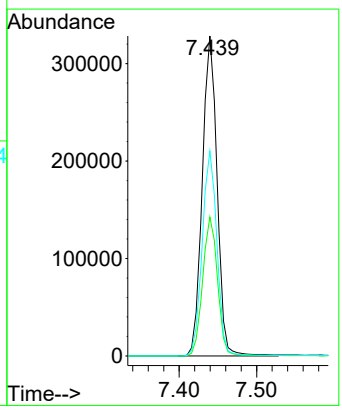


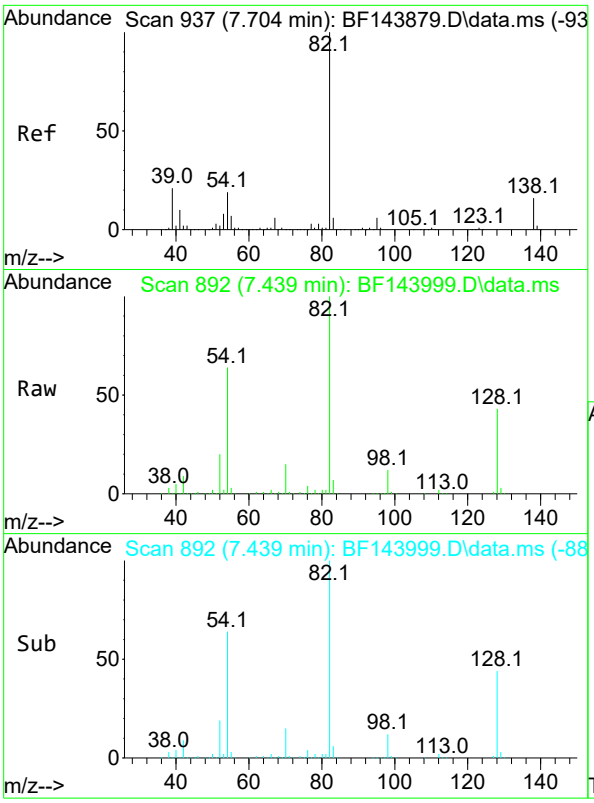


#23
Nitrobenzene-d5
Concen: 68.68 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Tgt Ion: 82 Resp: 436870

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.0	51.0
54	64.0	53.2	79.8



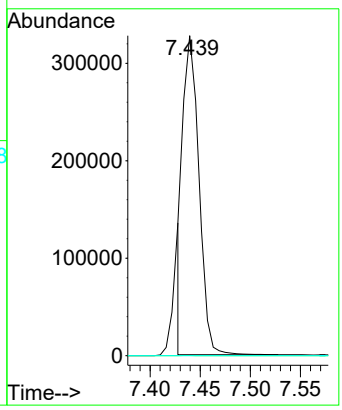


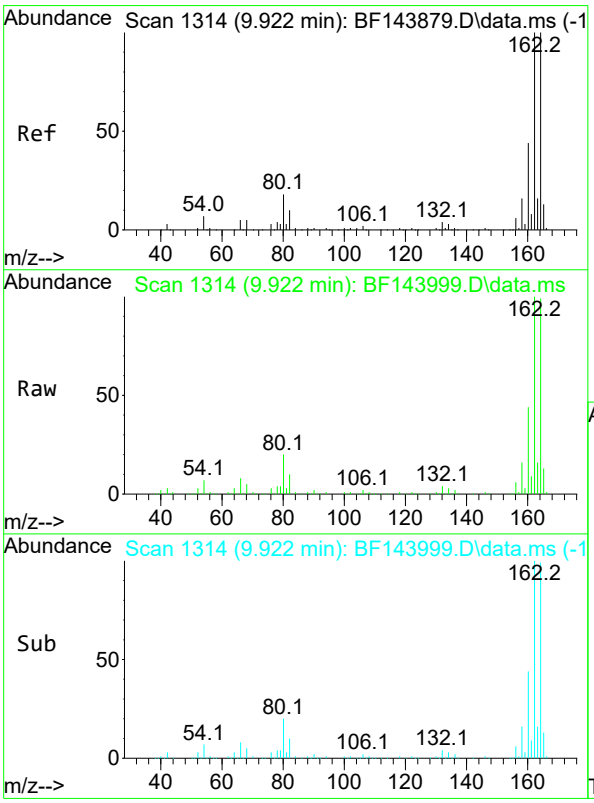
#25
Isophorone
Concen: 27.14 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.282 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Tgt Ion: 82 Resp: 364019

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.1	7.7#
138	0.0	12.9	19.3#

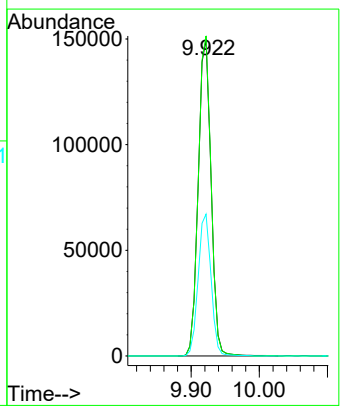


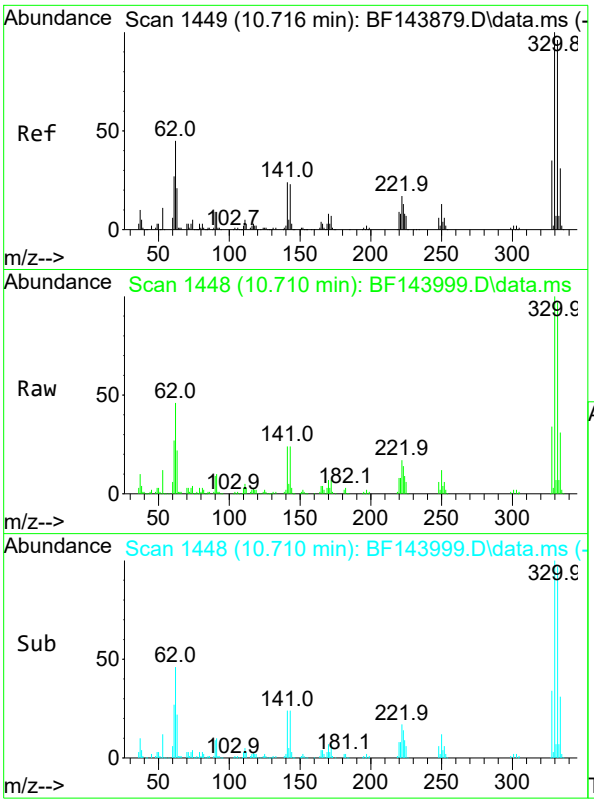


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Tgt Ion:164 Resp: 196400

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	44.8	35.4	53.0



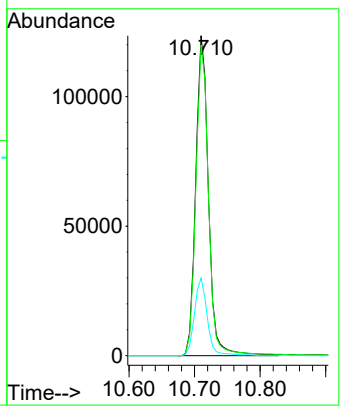


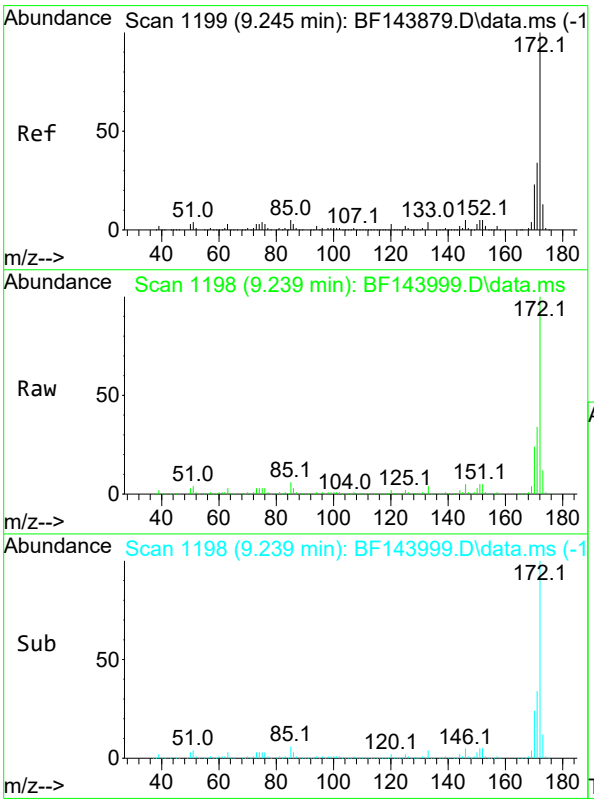
#42
2,4,6-Tribromophenol
Concen: 85.50 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Tgt Ion:330 Resp: 167262

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	24.5	20.2	30.4

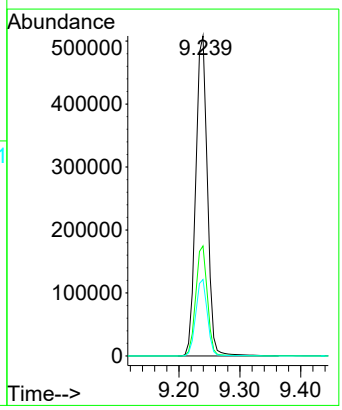


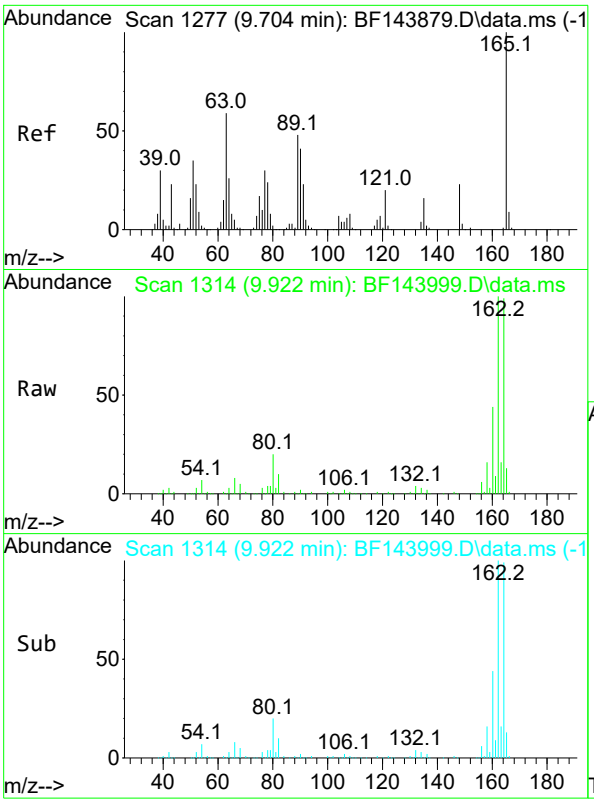


#45
2-Fluorobiphenyl
Concen: 54.65 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Tgt Ion:172 Resp: 676373

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.0
170	23.9	18.6	28.0



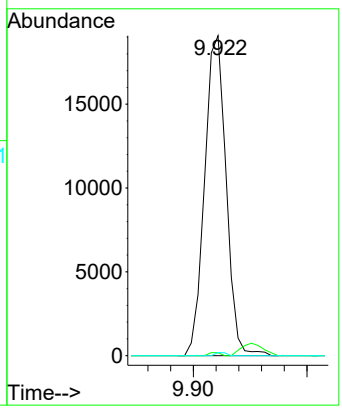


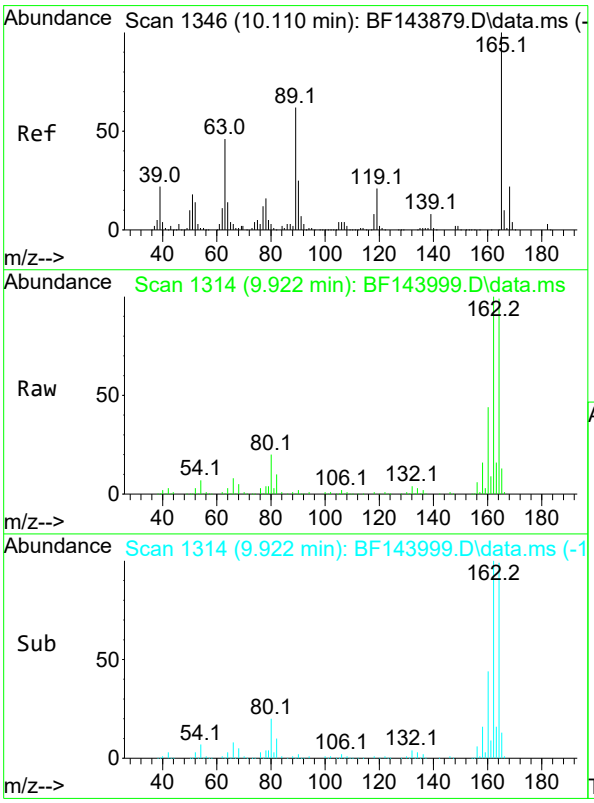
#51
2,6-Dinitrotoluene
Concen: 10.85 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Tgt Ion:165 Resp: 25101

Ion	Ratio	Lower	Upper
165	100		
63	0.9	47.3	70.9#
89	1.0	38.2	57.4#

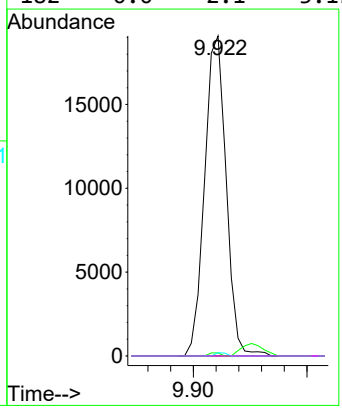


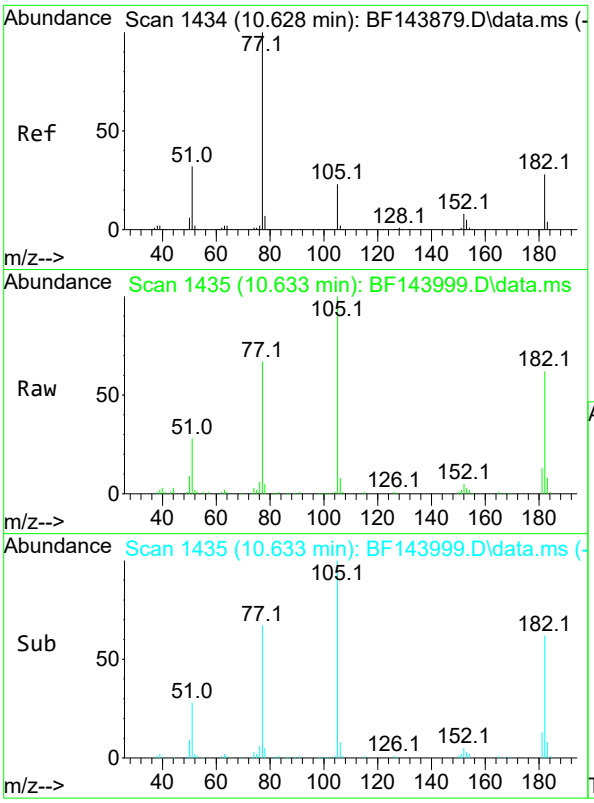


#57
2,4-Dinitrotoluene
Concen: 7.98 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.194 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Tgt Ion:165 Resp: 25101

Ion	Ratio	Lower	Upper
165	100		
63	0.9	37.2	55.8#
89	1.0	49.4	74.2#
182	0.0	2.1	3.1#



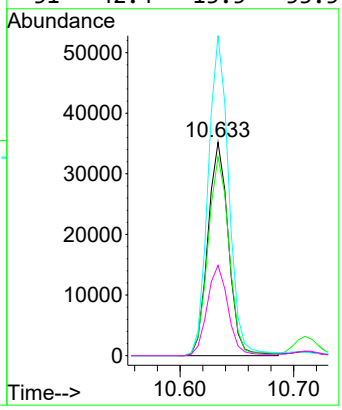


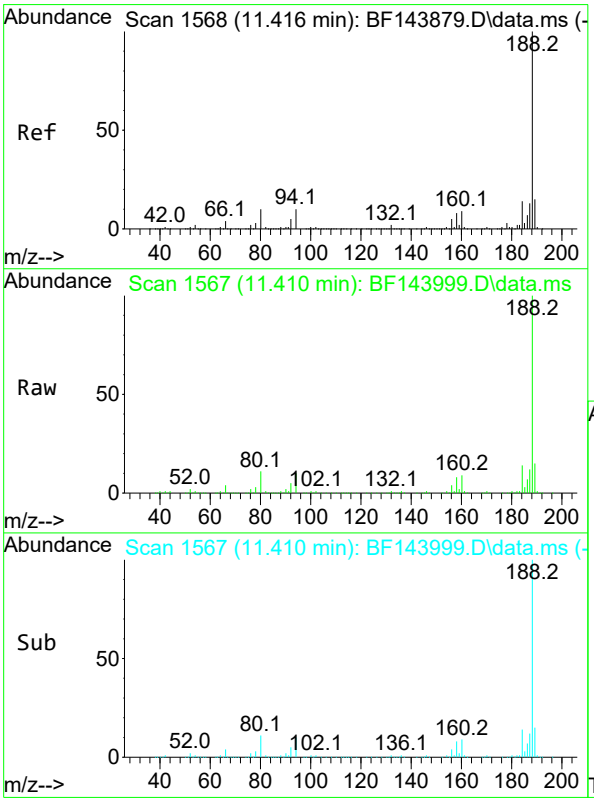
#63
Azobenzene
Concen: 3.65 ng
RT: 10.633 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Tgt Ion: 77 Resp: 44193

Ion	Ratio	Lower	Upper
77	100		
182	93.2	7.3	47.3#
105	149.9	3.0	43.0#
51	42.4	13.5	53.5

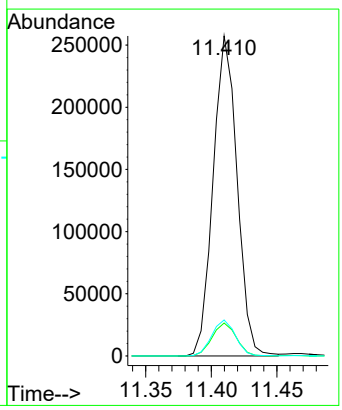


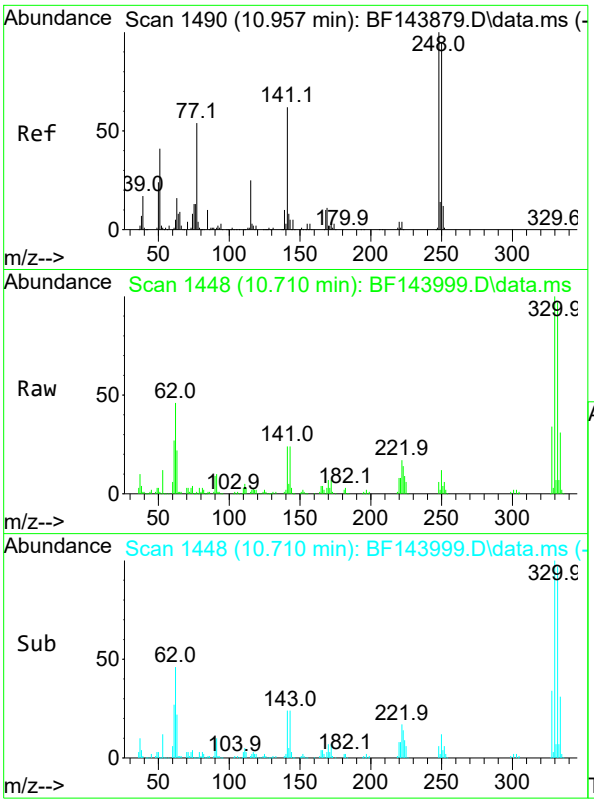


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Tgt Ion:188 Resp: 326671

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.8	11.6
80	11.3	7.9	11.9



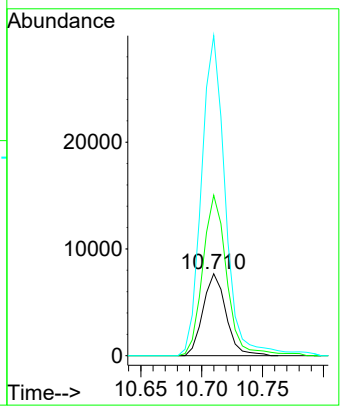


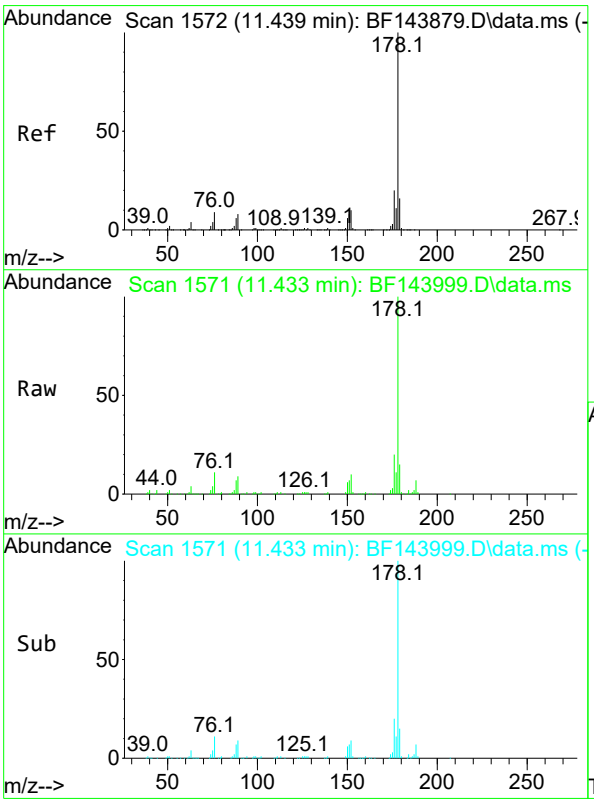
#67
4-Bromophenyl-phenylether
Concen: 2.79 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Tgt Ion:248 Resp: 10084

Ion	Ratio	Lower	Upper
248	100		
250	195.8	76.3	114.5#
141	390.5	49.7	74.5#

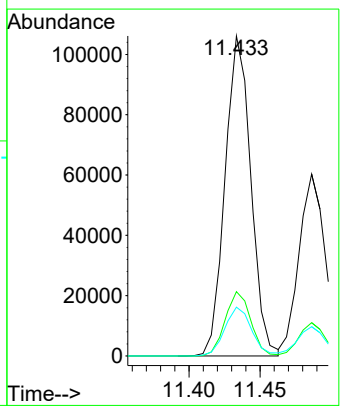


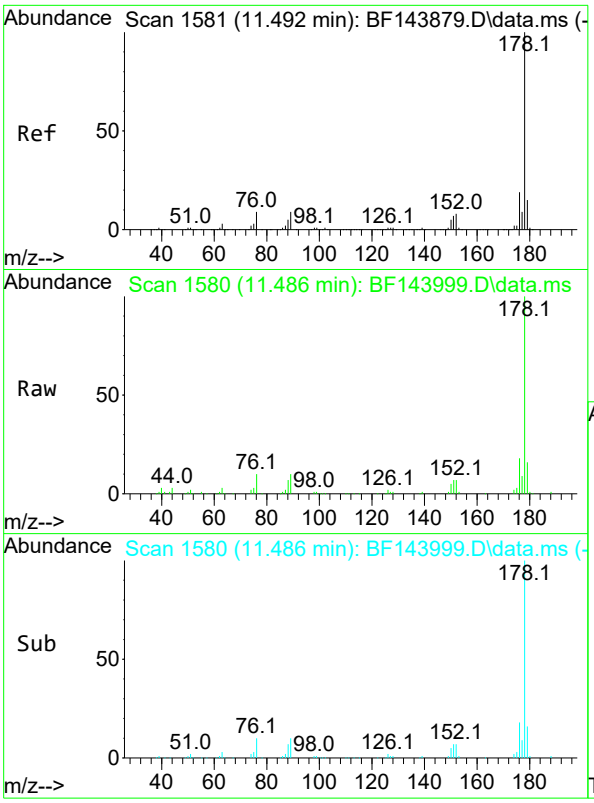


#71
Phenanthrene
Concen: 8.46 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Tgt Ion:178 Resp: 134056

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	15.3	12.4	18.6



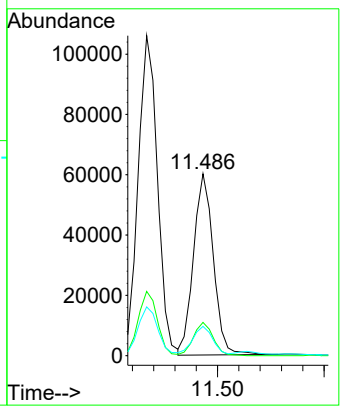


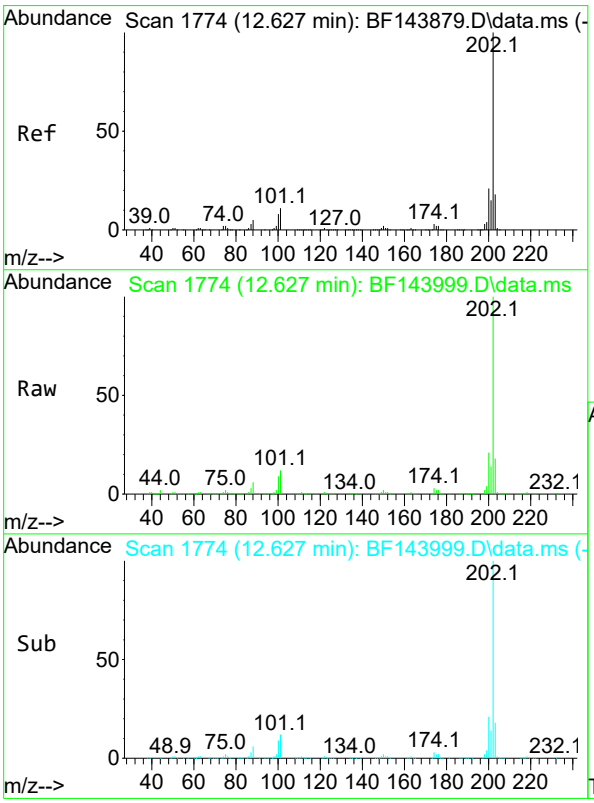
#72
Anthracene
Concen: 4.87 ng
RT: 11.486 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Tgt Ion:178 Resp: 77948

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	16.1	12.2	18.2

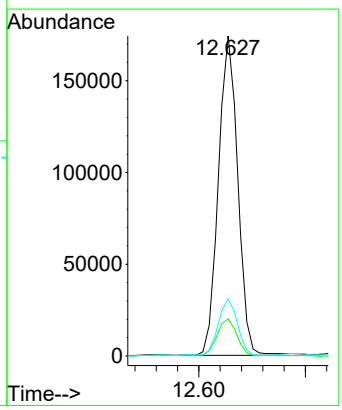


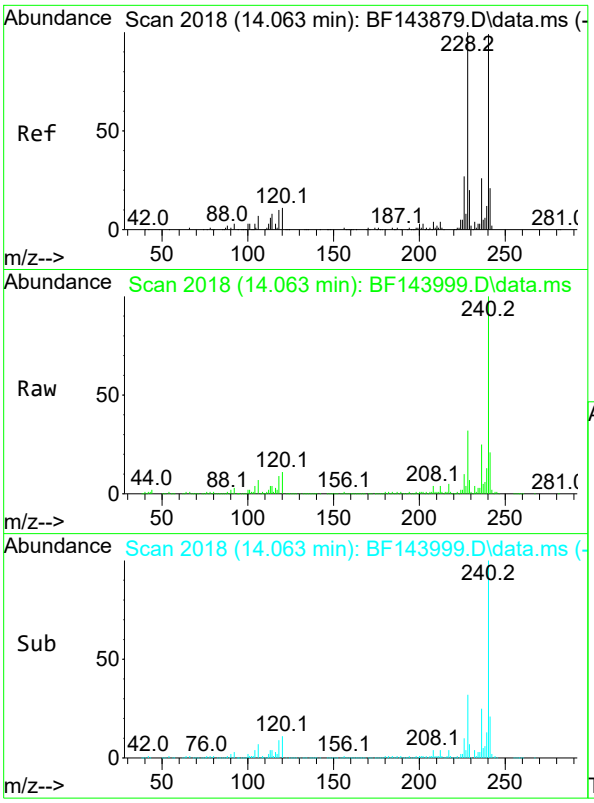


#75
Fluoranthene
Concen: 13.40 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Tgt Ion:202 Resp: 219249

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.7
203	17.8	0.0	37.8



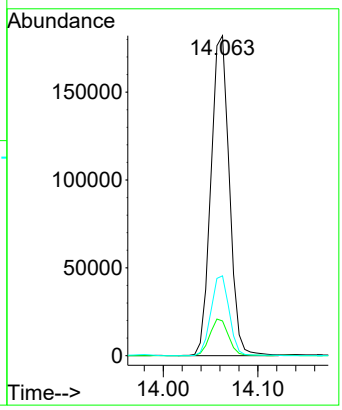


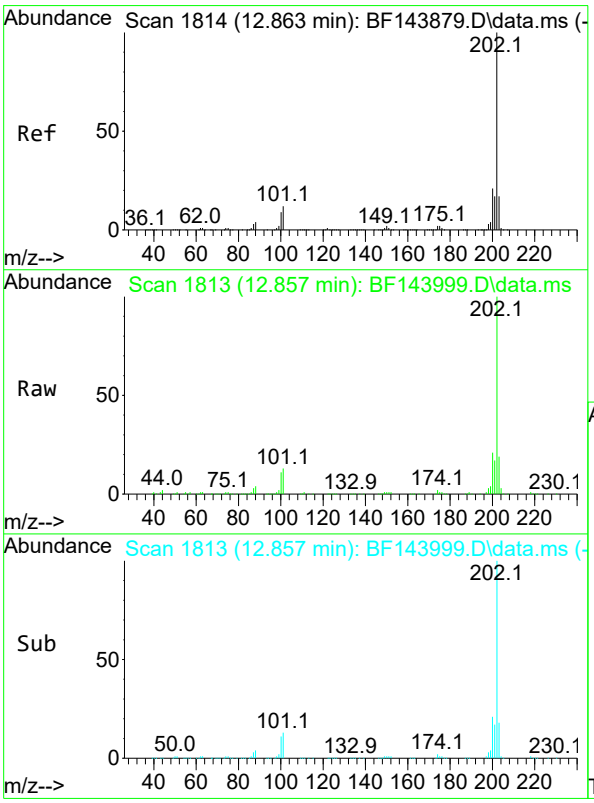
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2(
Delta R.T. -0.005 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Tgt Ion:240 Resp: 245890

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.6	13.0
236	25.0	21.1	31.7

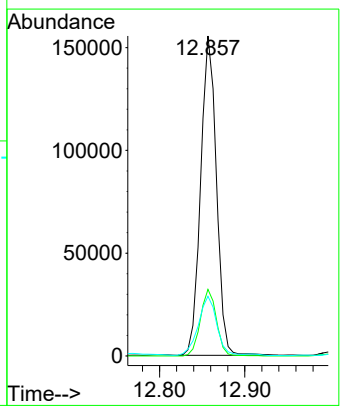


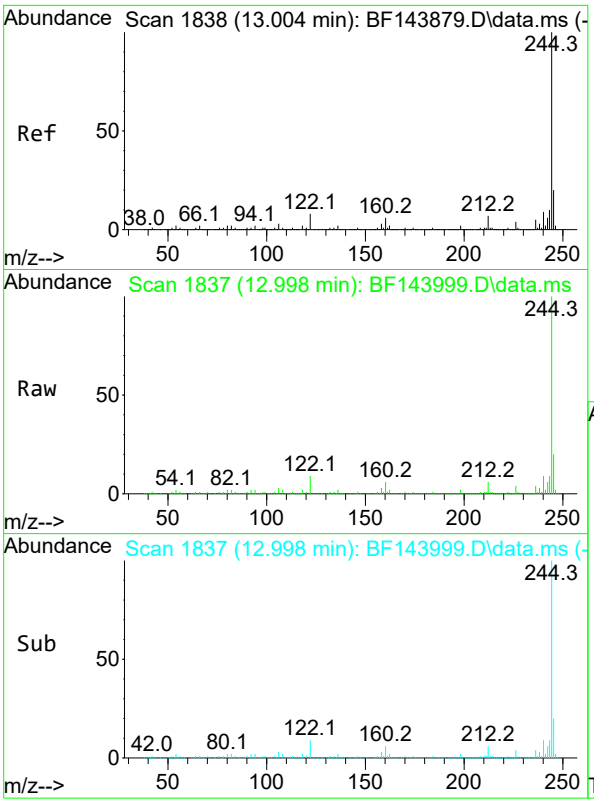


#78
Pyrene
Concen: 9.74 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Tgt Ion:202 Resp: 199692

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.6
203	18.6	13.8	20.6



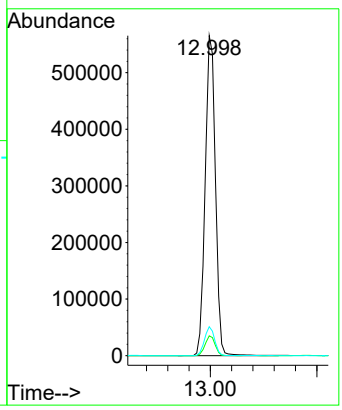


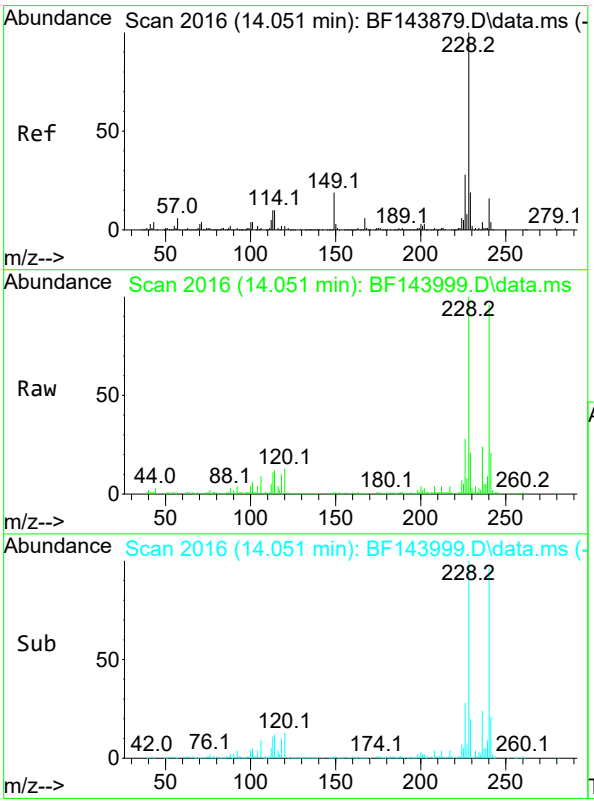
#79
Terphenyl-d14
Concen: 52.52 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Tgt Ion:244 Resp: 755633

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.1	6.4	9.6

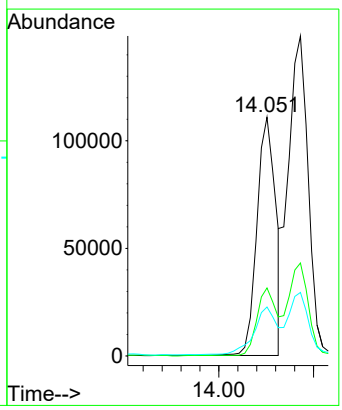


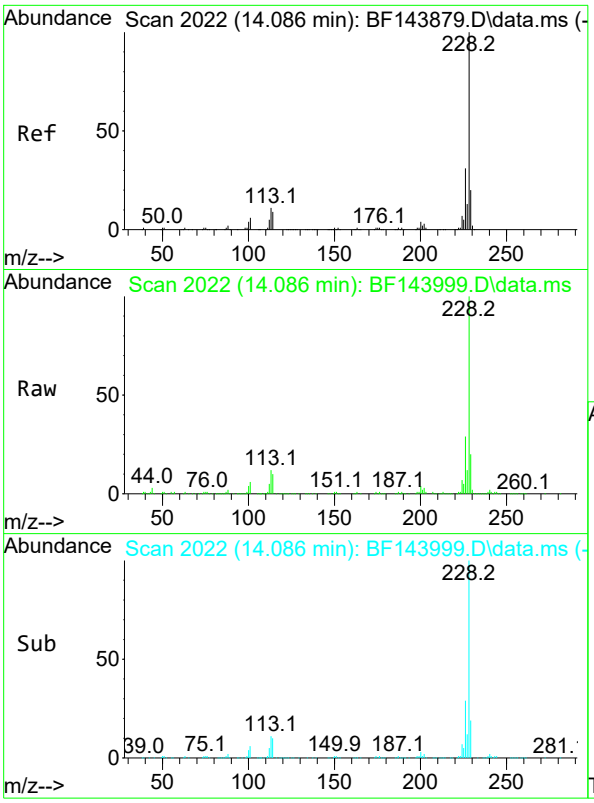


#81
Benzo(a)anthracene
Concen: 9.44 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Tgt Ion:228 Resp: 151903

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.2
229	20.5	15.6	23.4



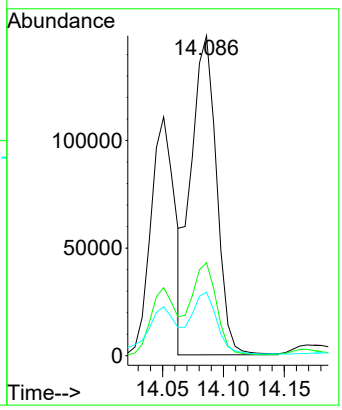


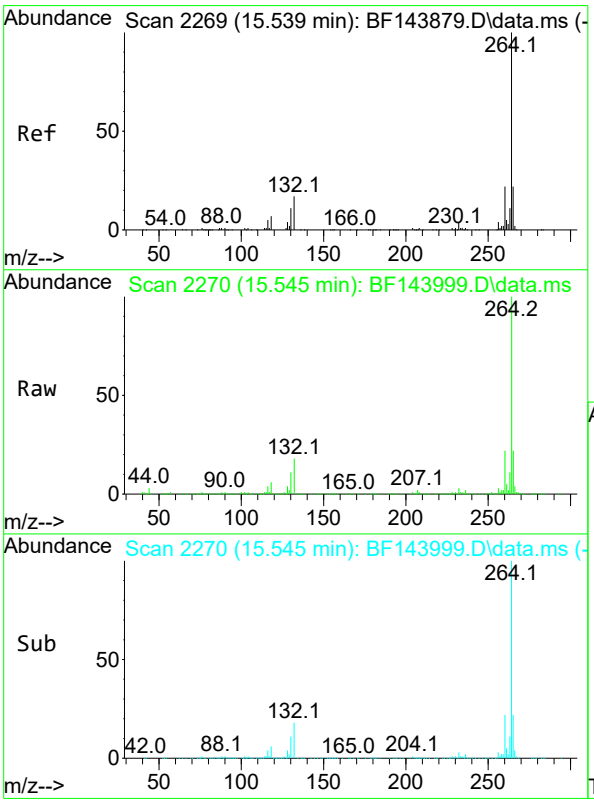
#83
Chrysene
Concen: 14.56 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Tgt Ion:228 Resp: 216830

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.4	36.6
229	19.8	15.9	23.9

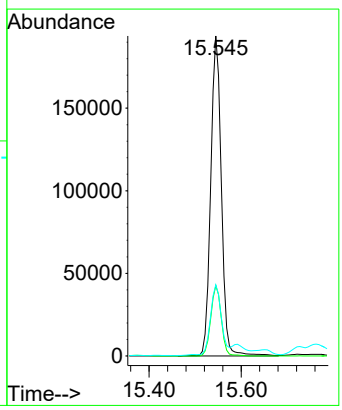


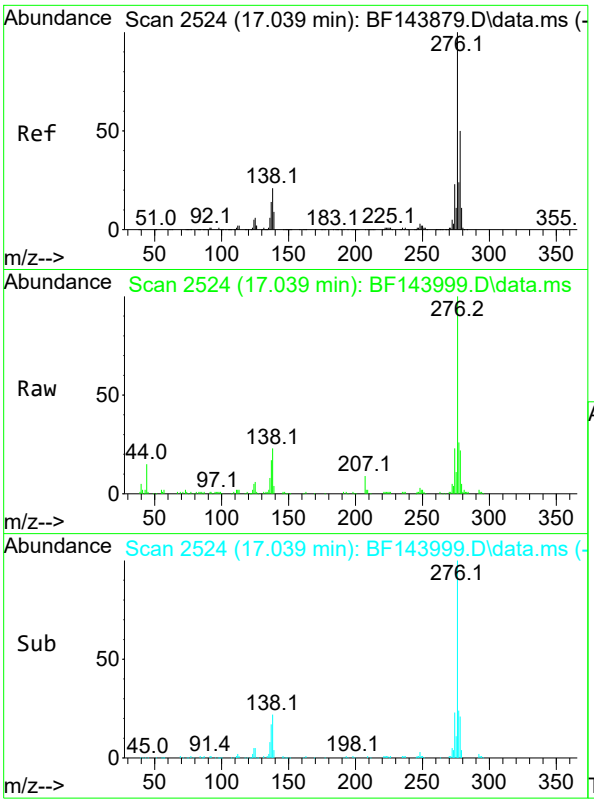


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Tgt Ion:264 Resp: 311094

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.8	26.8
265	22.3	17.5	26.3



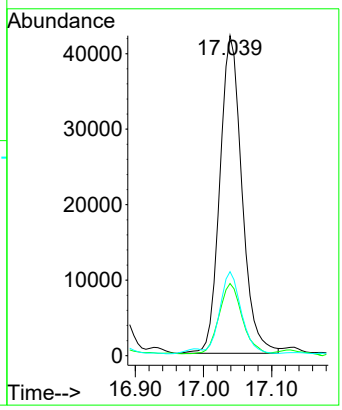


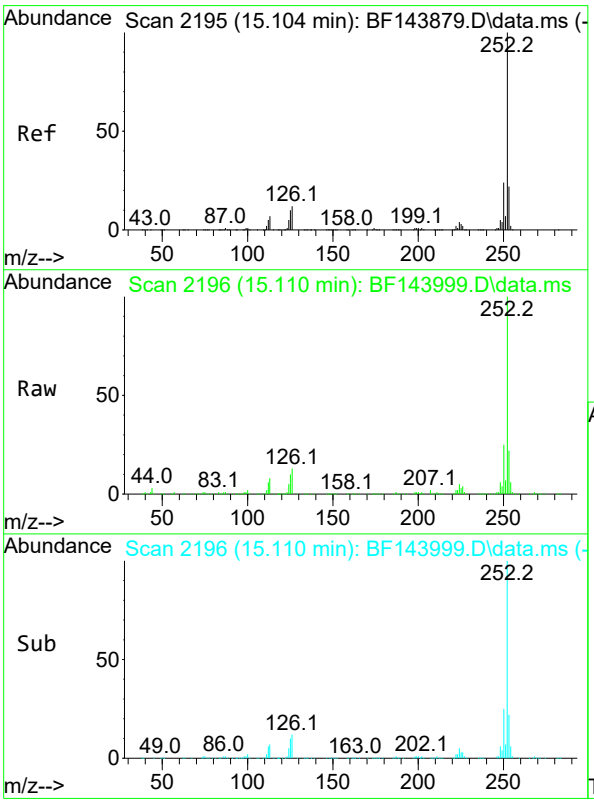
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.99 ng
RT: 17.039 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Tgt Ion:276 Resp: 95032

Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.2	27.2
277	24.7	19.8	29.6

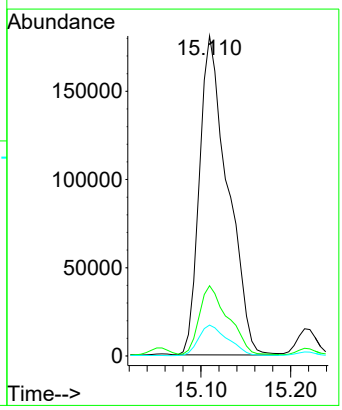


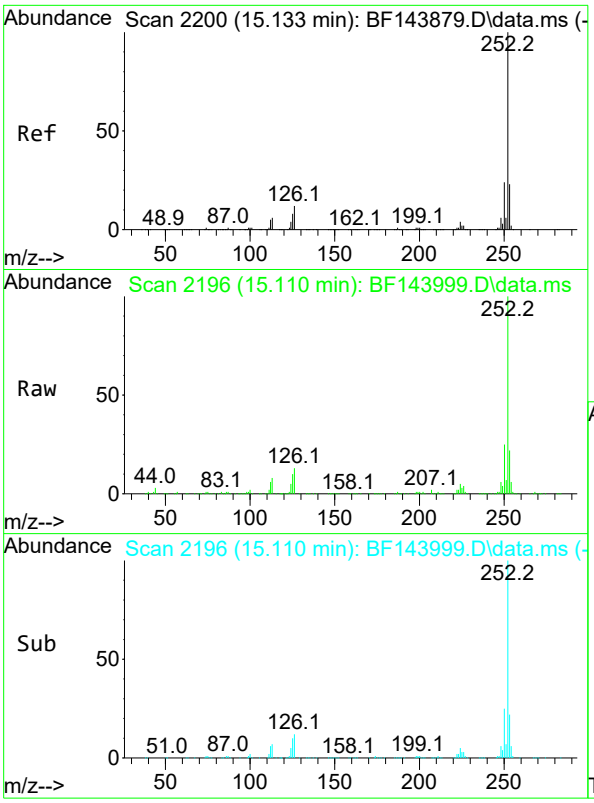


#88
Benzo(b)fluoranthene
Concen: 22.14 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Tgt Ion:252 Resp: 395600

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.7	7.8	11.6



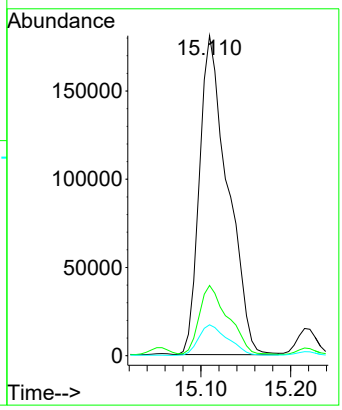


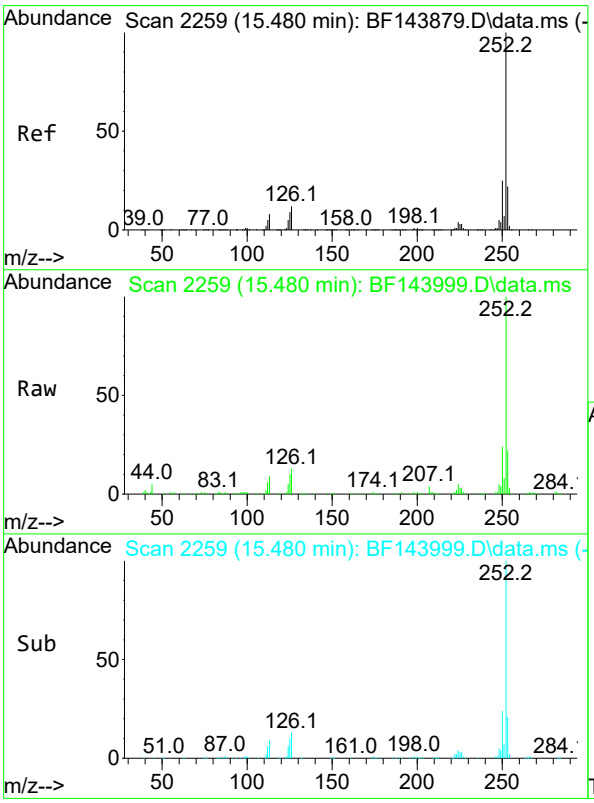
#89
Benzo(k)fluoranthene
Concen: 23.92 ng
RT: 15.110 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Tgt Ion:252 Resp: 395600

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	9.7	7.4	11.2

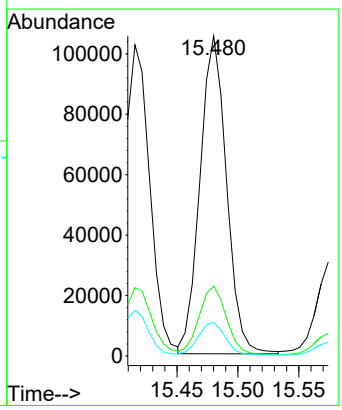


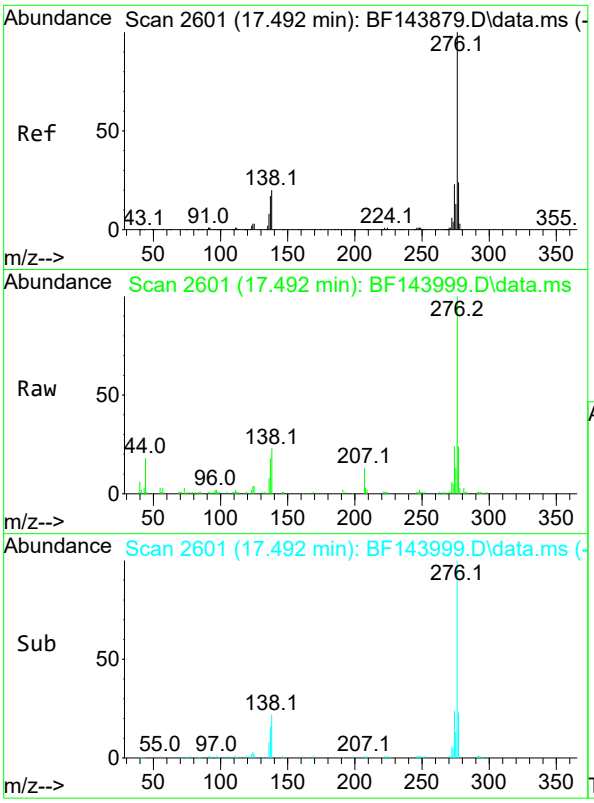


#90
Benzo(a)pyrene
Concen: 10.27 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Tgt Ion:252 Resp: 159201

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	10.5	7.0	10.4#





#92
Benzo(g,h,i)perylene
Concen: 5.32 ng
RT: 17.492 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF143999.D
Acq: 20 Oct 2025 15:29

Instrument :
BNA_F
ClientSampleId :
VNJ-245

Tgt Ion:276 Resp: 81596

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	23.2	16.1	24.1