Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF144004.D
Acq On : 20 Oct 2025 17:54
Operator : RC/JU
Sample : Q3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-255

Quant Time: Oct 20 18:15:19 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	86540	20.00	ng		0.00
21) Naphthalene-d8	8.163	136	328169	20.00	ng		0.00
39) Acenaphthene-d10	9.922	164	165563	20.00	ng		0.00
64) Phenanthrene-d10	11.410	188	259294	20.00	ng		0.00
76) Chrysene-d12	14.057	240	216578	20.00	ng		-0.01
86) Perylene-d12	15.545	264	271683	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	375717	68.94	ng		0.00
7) Phenol-d6	6.498	99	441269	67.93	ng		-0.02
23) Nitrobenzene-d5	7.439	82	252054	46.66	ng		-0.02
42) 2,4,6-Tribromophenol	10.710	330	90999	55.18	ng		-0.01
45) 2-Fluorobiphenyl	9.239	172	493505	47.30	ng		-0.01
79) Terphenyl-d14	12.998	244	449341	35.46	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	34884	7.85	ng	#	78
25) Isophorone	7.439	82	209832	18.42	ng	#	68
51) 2,6-Dinitrotoluene	9.922	165	21947	11.26	ng	#	25
57) 2,4-Dinitrotoluene	9.922	165	21947	8.27	ng	#	26
63) Azobenzene	10.633	77	46127	4.52	ng	#	1
71) Phenanthrene	11.433	178	48346	3.85	ng		99
72) Anthracene	11.433	178	48346	3.81	ng		98
75) Fluoranthene	12.627	202	65889	5.07	ng		98
78) Pyrene	12.857	202	56206	3.11	ng		100
83) Chrysene	14.080	228	30668	2.34	ng		97
88) Benzo(b)fluoranthene	15.109	252	57359	3.68	ng		99
89) Benzo(k)fluoranthene	15.109	252	57359	3.97	ng		98
90) Benzo(a)pyrene	15.474	252	27475	2.03	ng	#	97

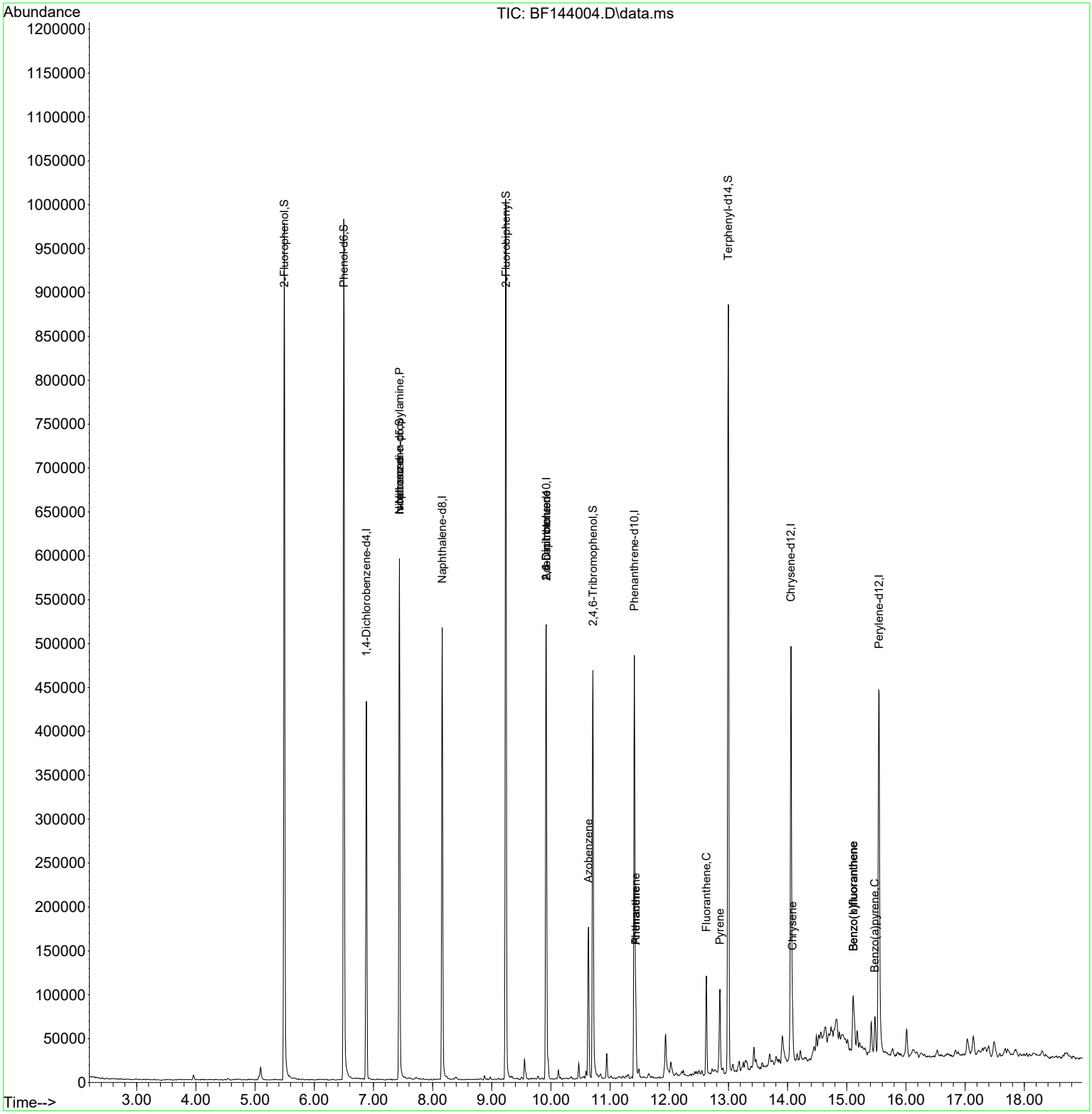
(#) = qualifier out of range (m) = manual integration (+) = signals summed

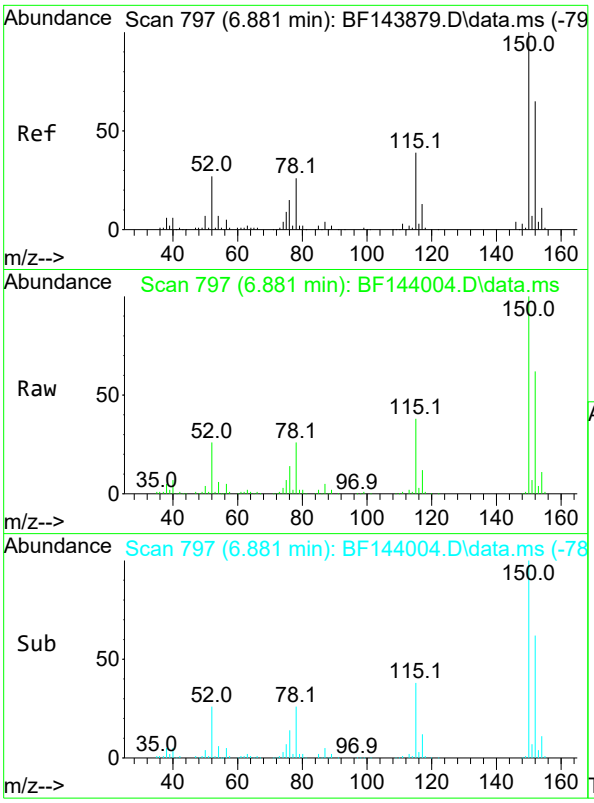
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF144004.D
Acq On : 20 Oct 2025 17:54
Operator : RC/JU
Sample : Q3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-255

Quant Time: Oct 20 18:15:19 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



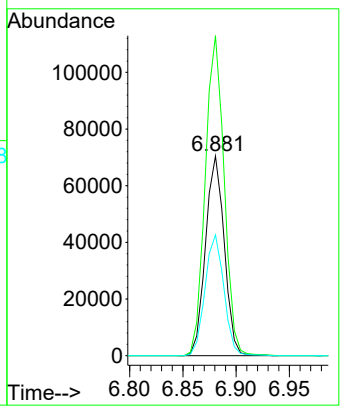


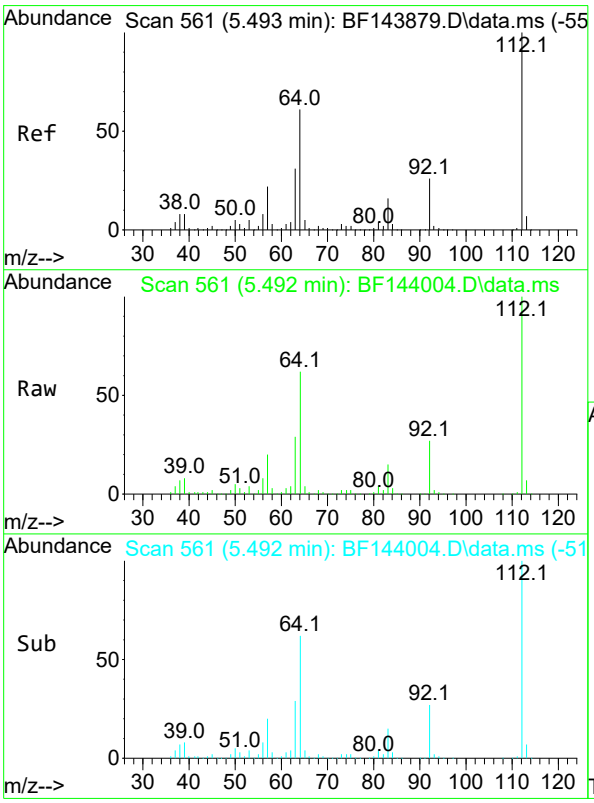
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Instrument :
BNA_F
ClientSampleId :
VNJ-255

Tgt Ion:152 Resp: 86540

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.4	186.6
115	60.5	48.1	72.1

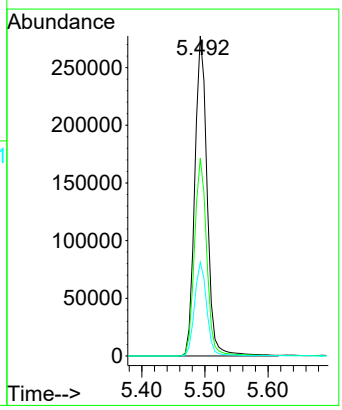


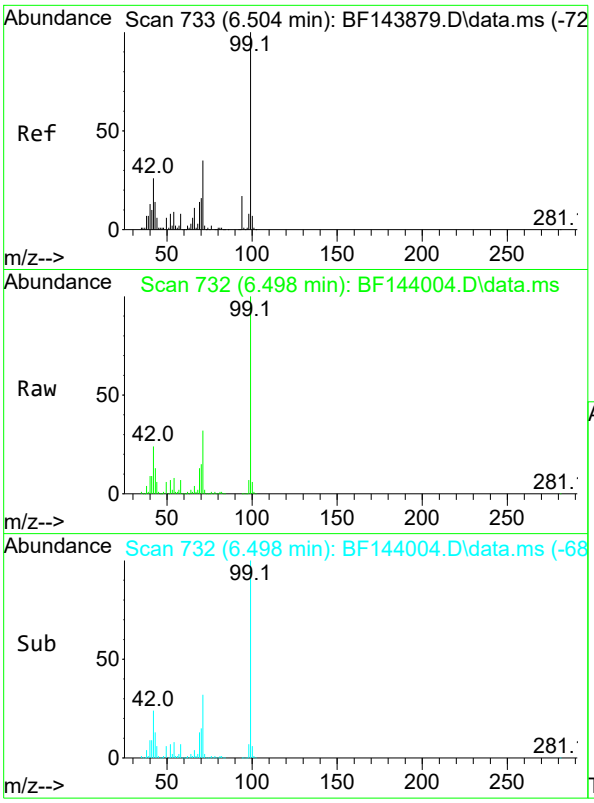


#5
2-Fluorophenol
Concen: 68.94 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Tgt Ion:112 Resp: 375717

Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.1	73.7
63	29.3	24.5	36.7



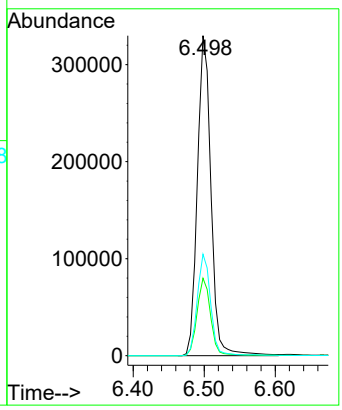


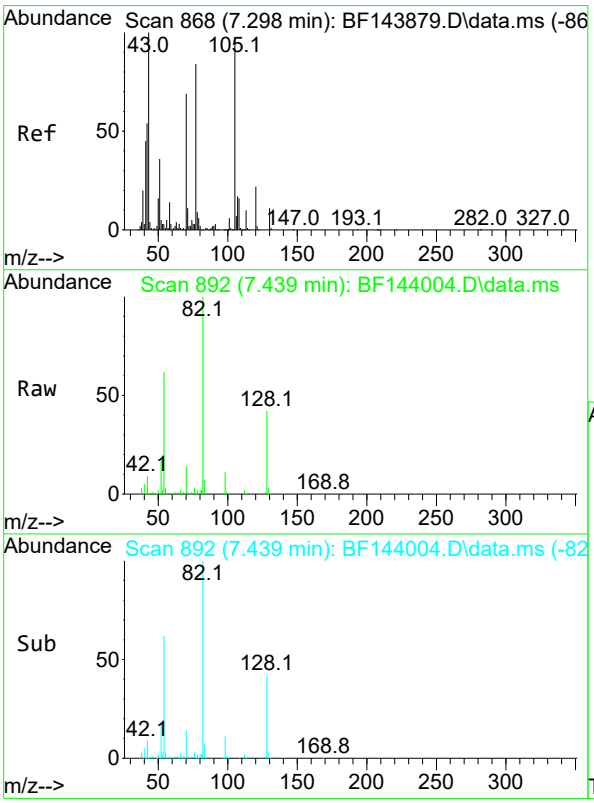
#7
Phenol-d6
Concen: 67.93 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Instrument :
BNA_F
ClientSampleId :
VNJ-255

Tgt Ion: 99 Resp: 441269

Ion	Ratio	Lower	Upper
99	100		
42	24.2	21.0	31.4
71	31.7	27.8	41.8

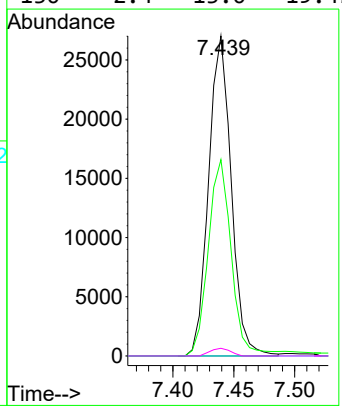


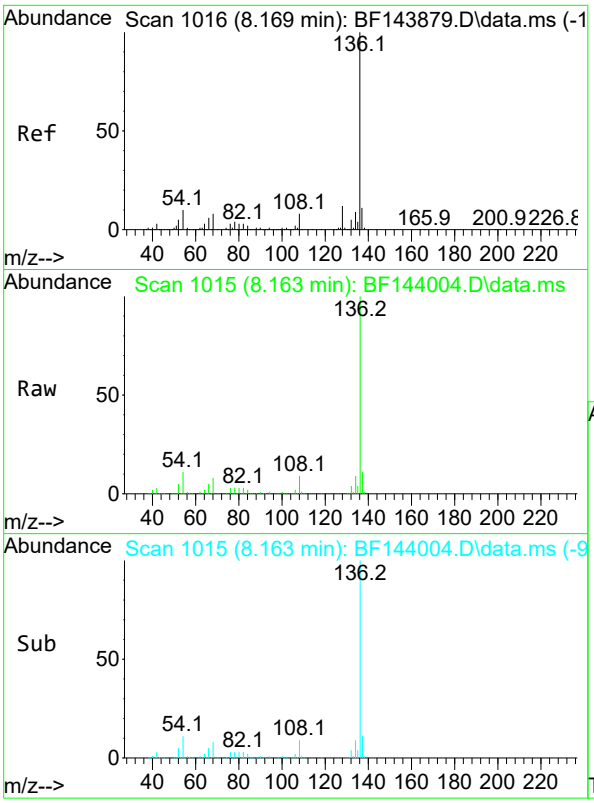


#19
n-Nitroso-di-n-propylamine
Concen: 7.85 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.124 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Tgt Ion: 70 Resp: 34884

Ion	Ratio	Lower	Upper
70	100		
42	61.4	62.8	94.2#
101	0.0	6.7	10.1#
130	2.4	13.0	19.4#



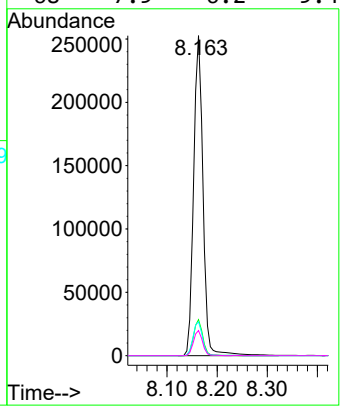


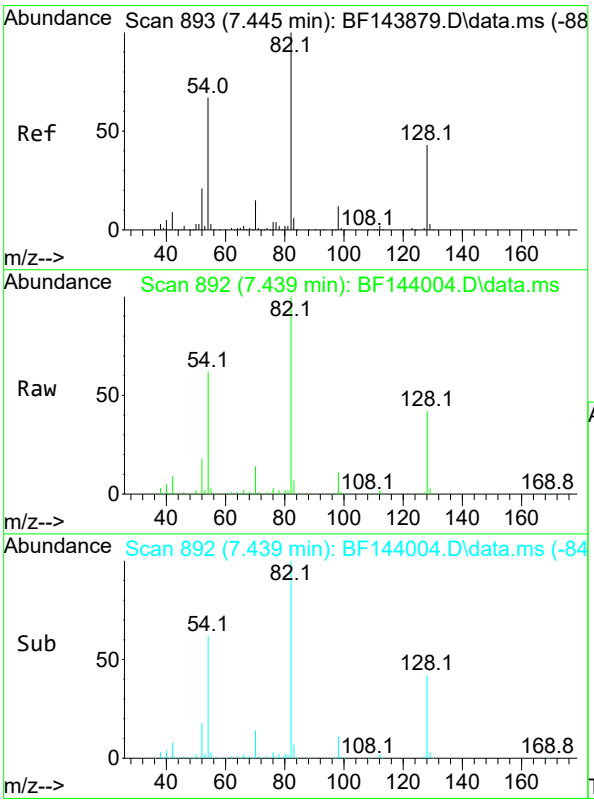
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Instrument :
BNA_F
ClientSampleId :
VNJ-255

Tgt Ion:136 Resp: 328169

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.6	8.2	12.4
68	7.9	6.2	9.4

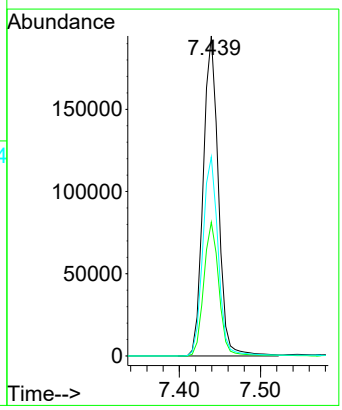


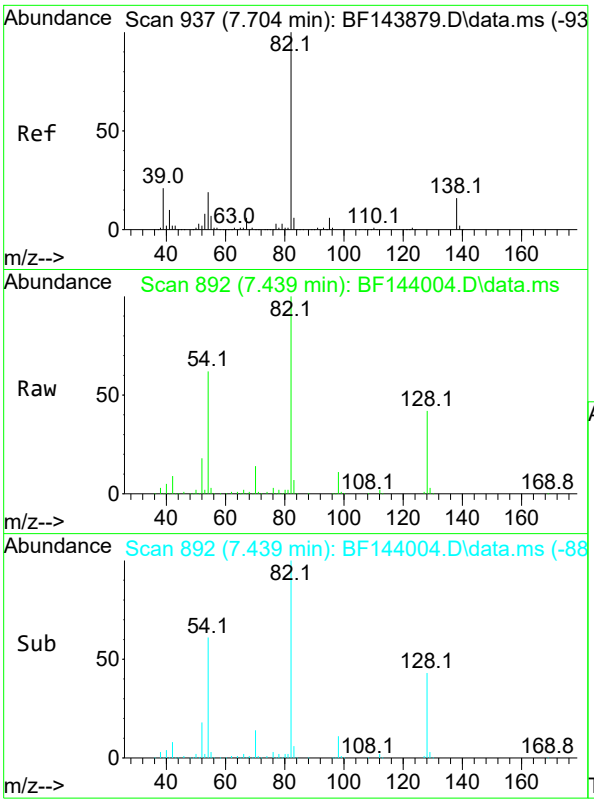


#23
Nitrobenzene-d5
Concen: 46.66 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Tgt Ion: 82 Resp: 252054

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.0	51.0
54	62.2	53.2	79.8



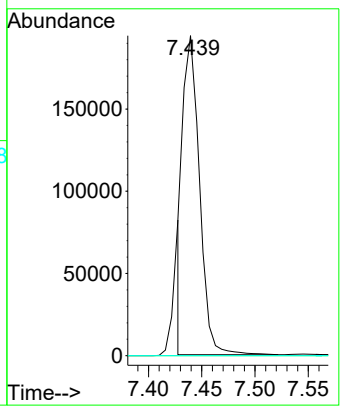


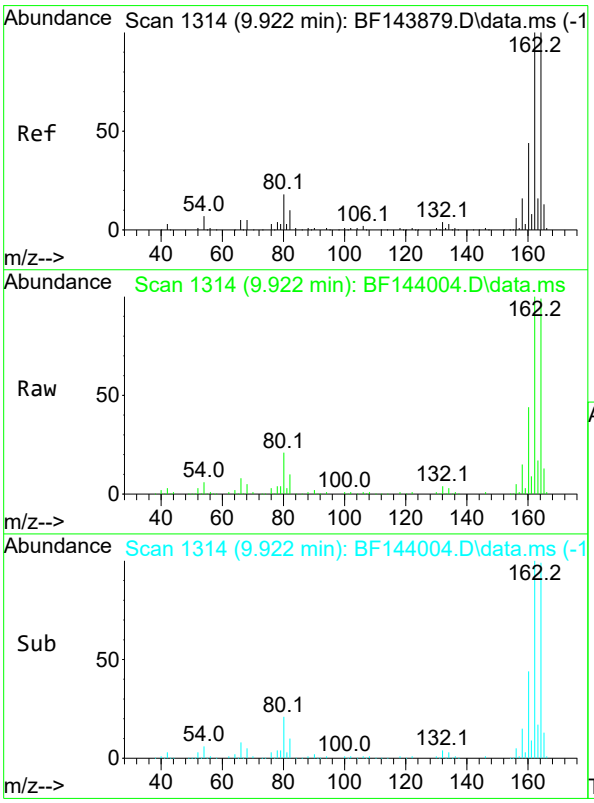
#25
Isophorone
Concen: 18.42 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.282 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Instrument :
BNA_F
ClientSampleId :
VNJ-255

Tgt Ion: 82 Resp: 209832

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

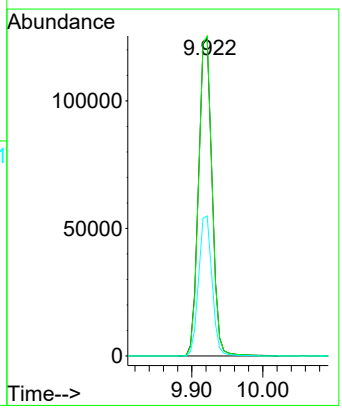


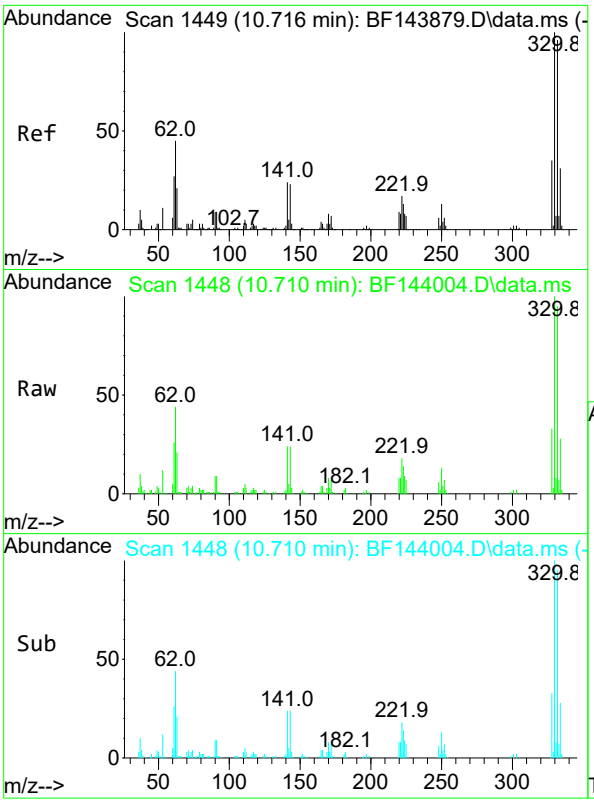


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Tgt Ion:164 Resp: 165563

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	44.0	35.4	53.0



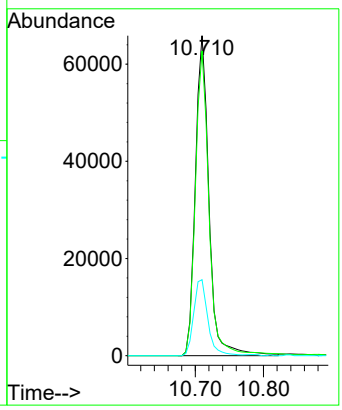


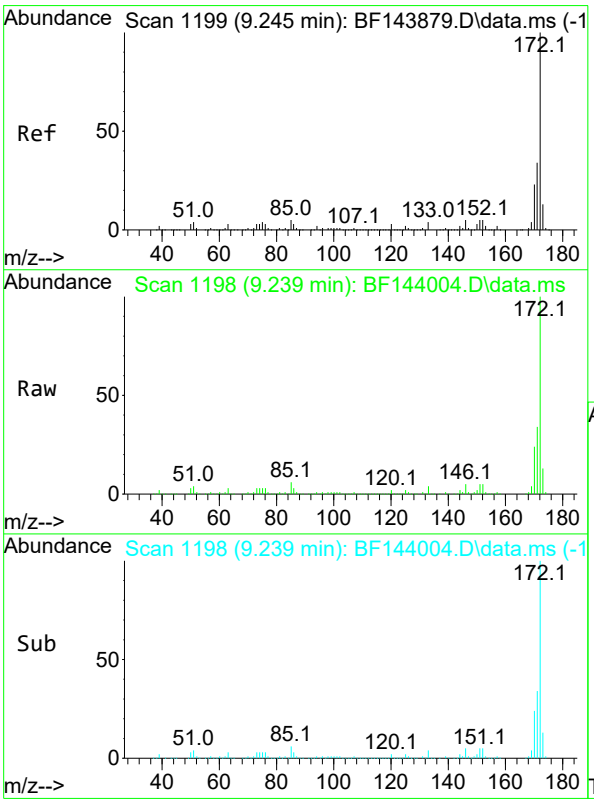
#42
2,4,6-Tribromophenol
Concen: 55.18 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Instrument :
BNA_F
ClientSampleId :
VNJ-255

Tgt Ion:330 Resp: 90999

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	24.7	20.2	30.4

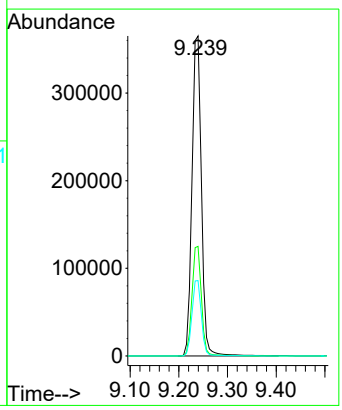


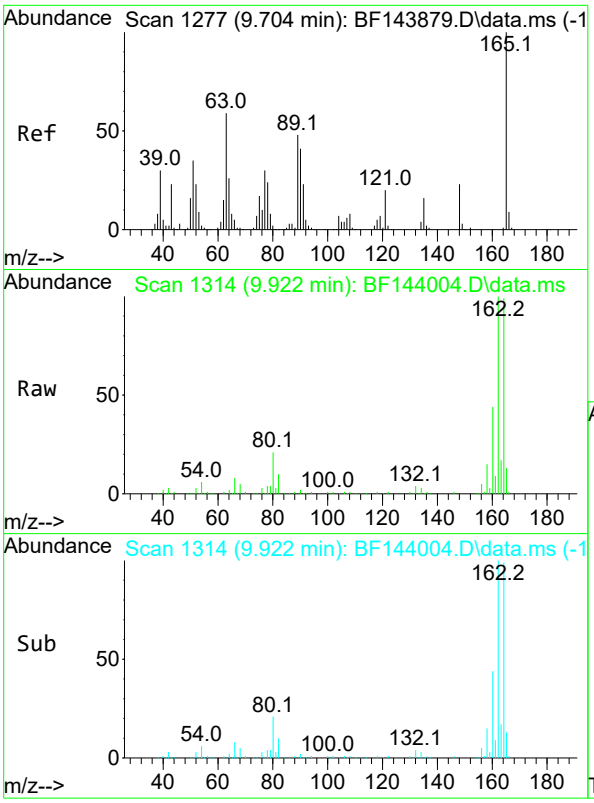


#45
2-Fluorobiphenyl
Concen: 47.30 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Tgt Ion:172 Resp: 493505

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	23.5	18.6	28.0



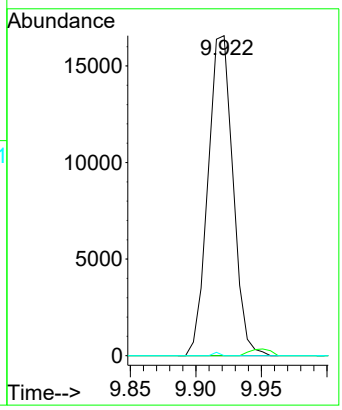


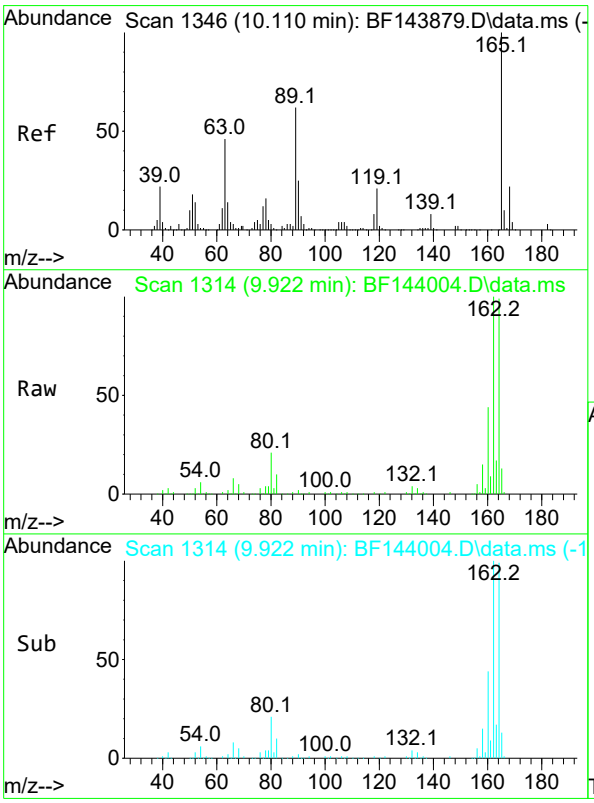
#51
2,6-Dinitrotoluene
Concen: 11.26 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Instrument :
BNA_F
ClientSampleId :
VNJ-255

Tgt Ion:165 Resp: 21947

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	0.0	38.2	57.4#

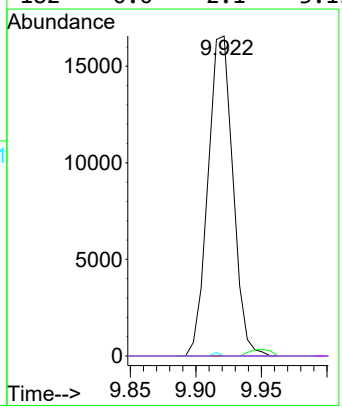


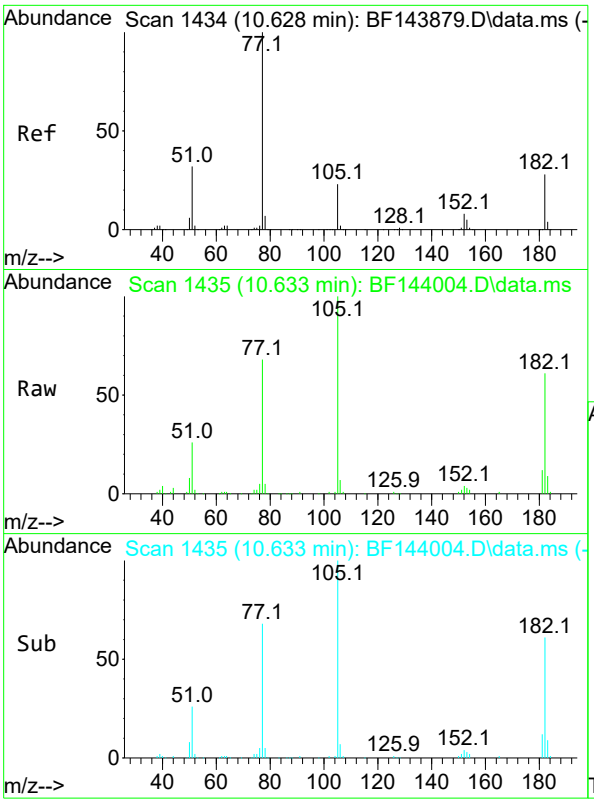


#57
2,4-Dinitrotoluene
Concen: 8.27 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.194 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Tgt Ion:165 Resp: 21947

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



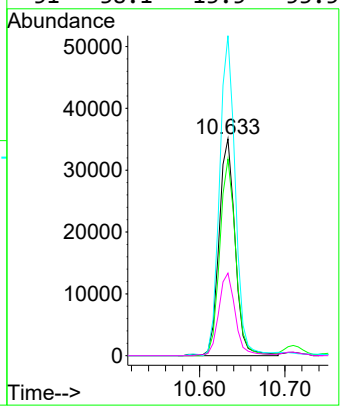


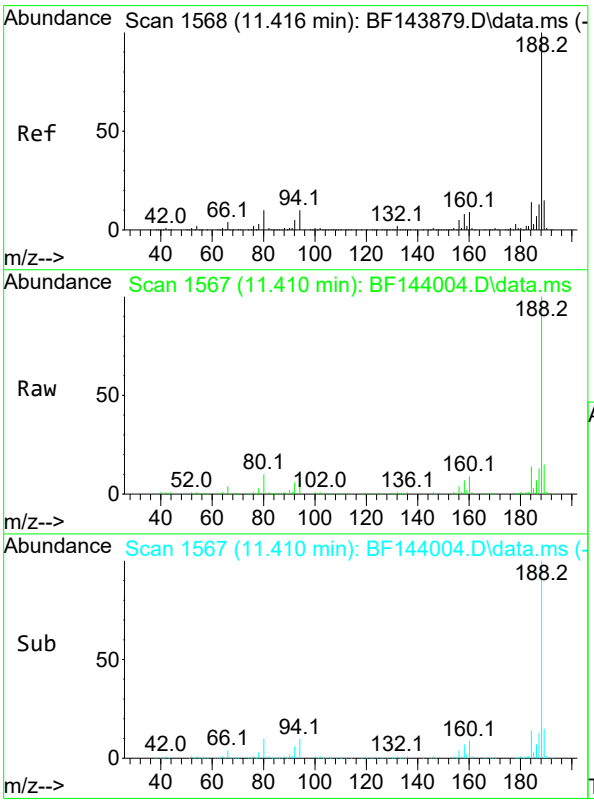
#63
Azobenzene
Concen: 4.52 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Instrument :
BNA_F
ClientSampleId :
VNJ-255

Tgt Ion: 77 Resp: 46127

Ion	Ratio	Lower	Upper
77	100		
182	90.7	7.3	47.3#
105	147.6	3.0	43.0#
51	38.1	13.5	53.5

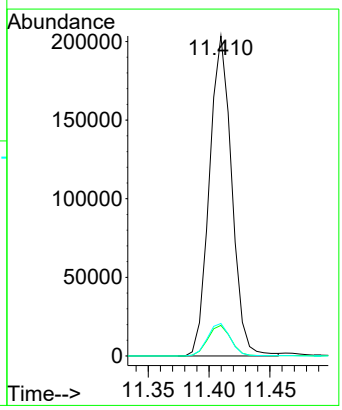


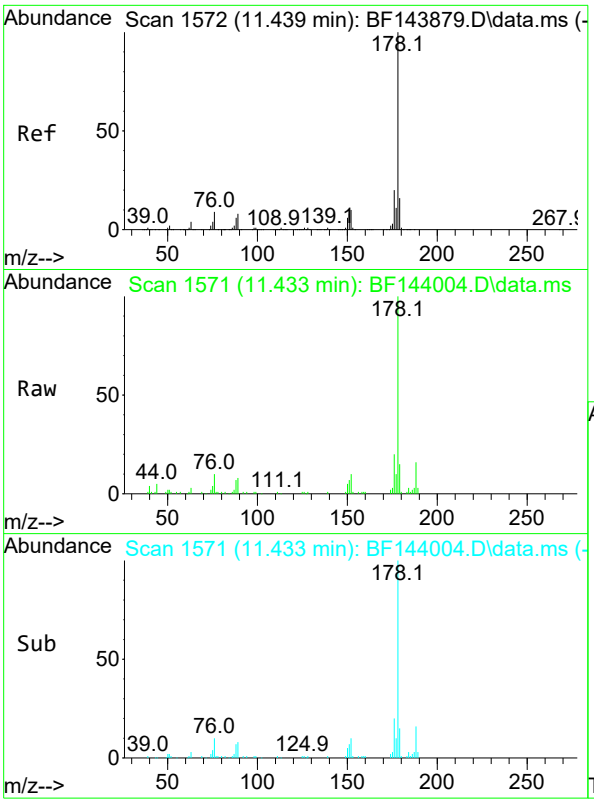


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Tgt Ion:188 Resp: 259294

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.8	11.6
80	10.1	7.9	11.9



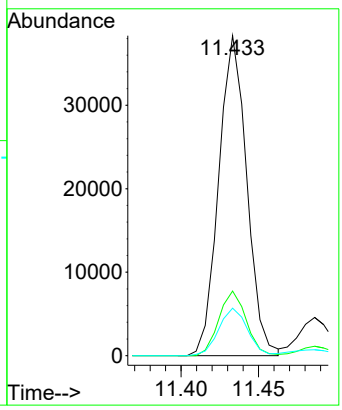


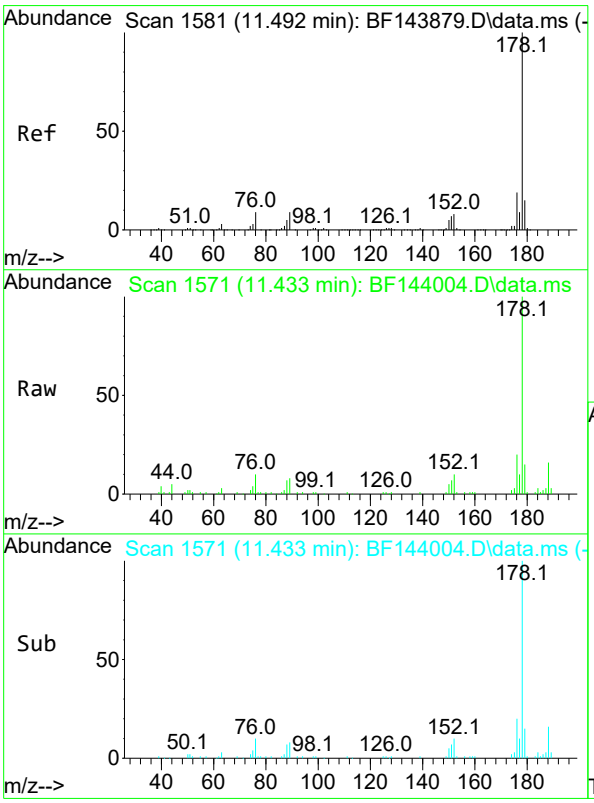
#71
Phenanthrene
Concen: 3.85 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Instrument :
BNA_F
ClientSampleId :
VNJ-255

Tgt Ion:178 Resp: 48346

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	14.9	12.4	18.6

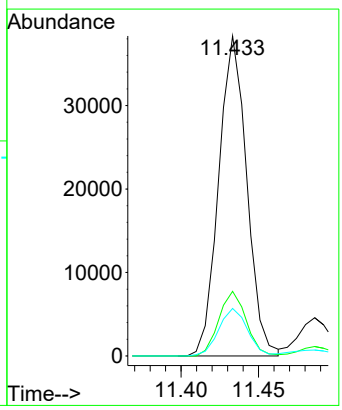


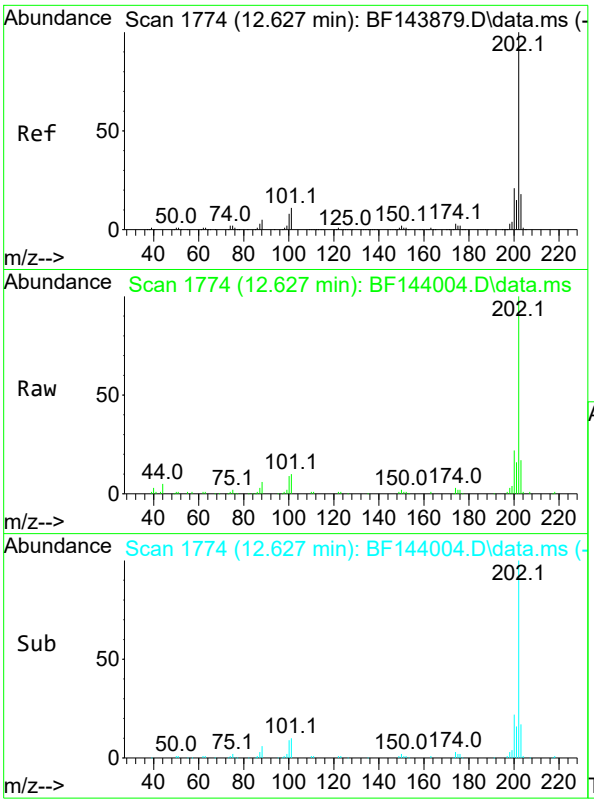


#72
Anthracene
Concen: 3.81 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.065 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Tgt Ion:178 Resp: 48346

Ion	Ratio	Lower	Upper
178	100		
176	20.2	14.9	22.3
179	14.9	12.2	18.2



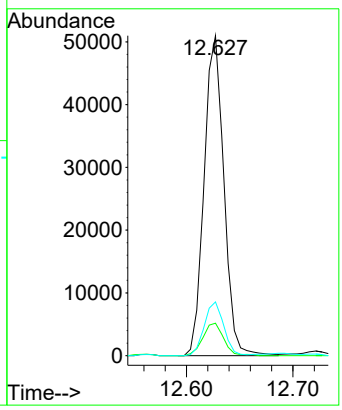


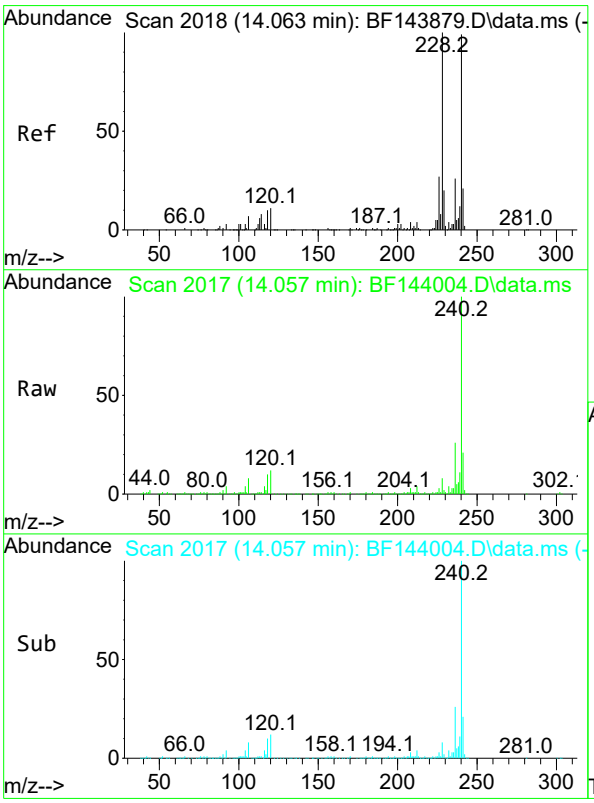
#75
Fluoranthene
Concen: 5.07 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Instrument :
BNA_F
ClientSampleId :
VNJ-255

Tgt Ion:202 Resp: 65889

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.7
203	16.8	0.0	37.8

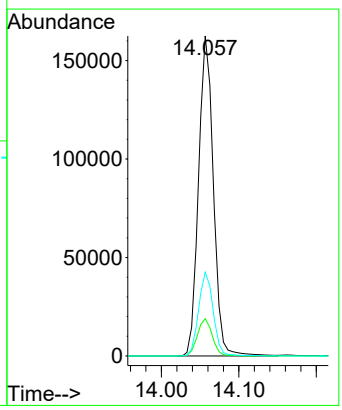


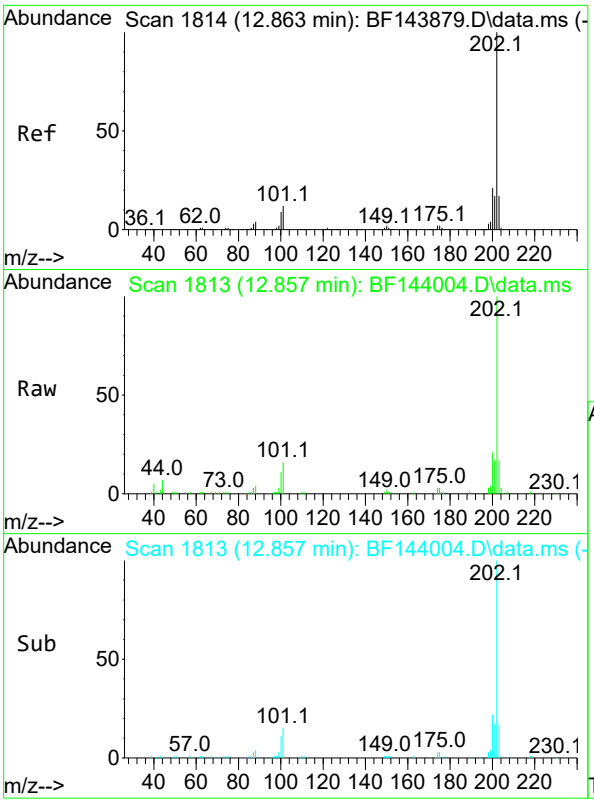


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Tgt Ion:240 Resp: 216578

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.6	13.0
236	26.2	21.1	31.7



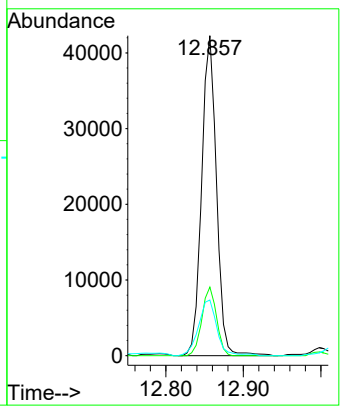


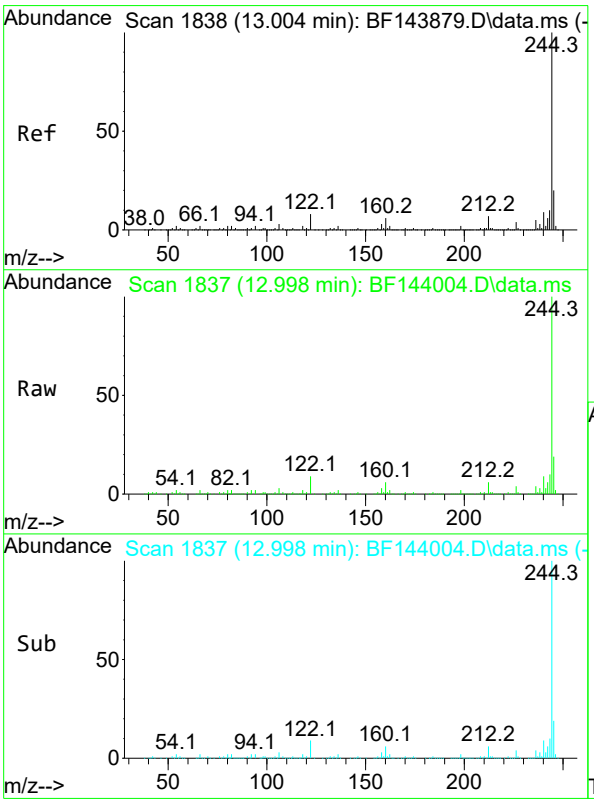
#78
Pyrene
Concen: 3.11 ng
RT: 12.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Instrument :
BNA_F
ClientSampleId :
VNJ-255

Tgt Ion:202 Resp: 56206

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.4	13.8	20.6

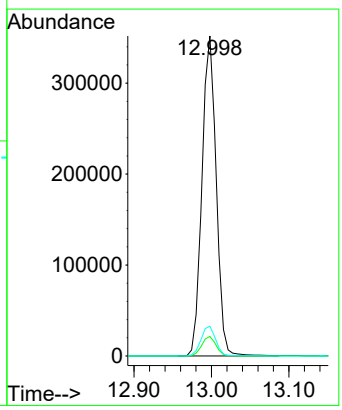


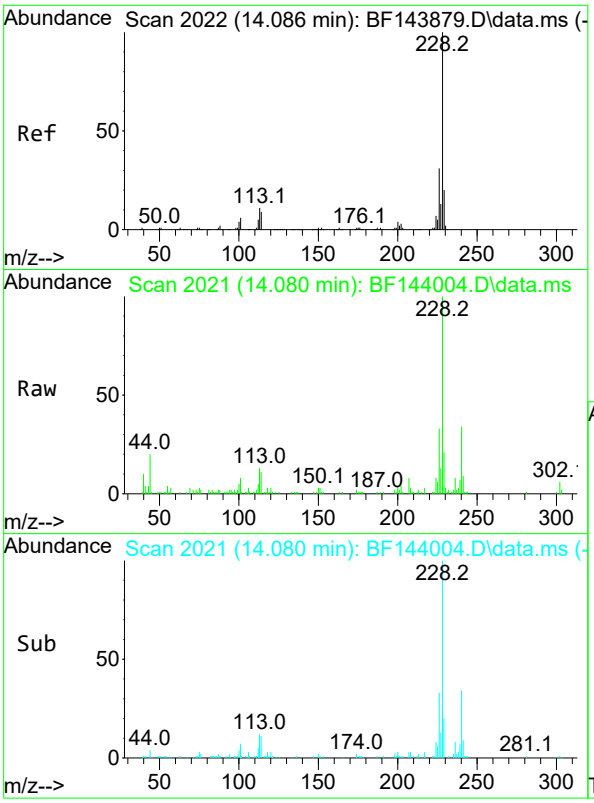


#79
Terphenyl-d14
Concen: 35.46 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Tgt Ion:244 Resp: 449341

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	9.3	6.4	9.6



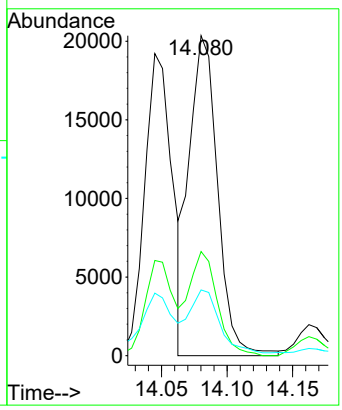


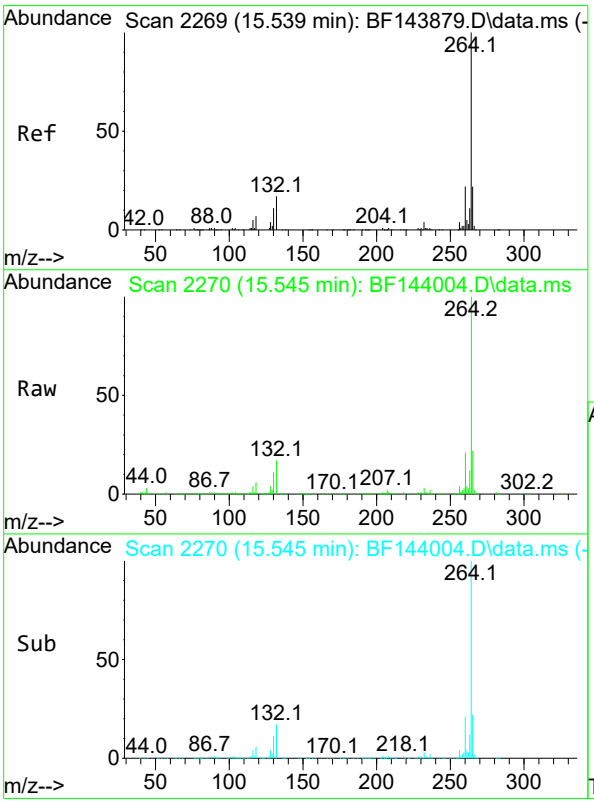
#83
Chrysene
Concen: 2.34 ng
RT: 14.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Instrument :
BNA_F
ClientSampleId :
VNJ-255

Tgt Ion:228 Resp: 30668

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.4	36.6
229	20.5	15.9	23.9

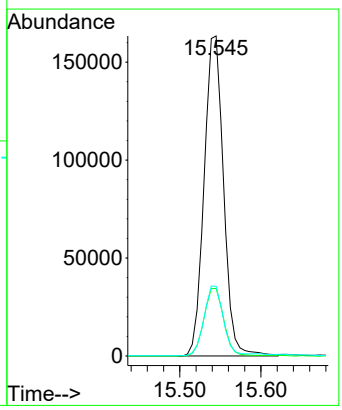


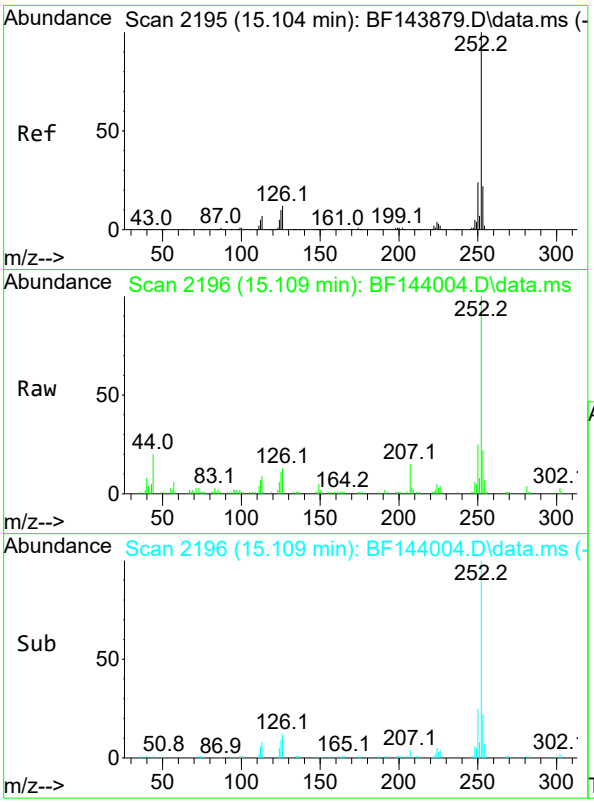


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Tgt Ion:264 Resp: 271683

Ion	Ratio	Lower	Upper
264	100		
260	21.1	17.8	26.8
265	21.7	17.5	26.3



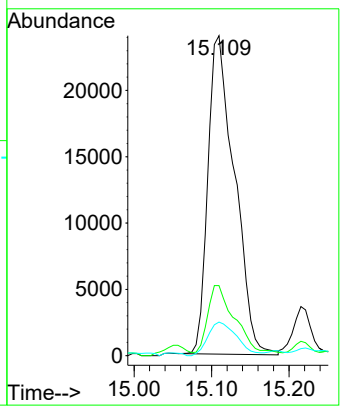


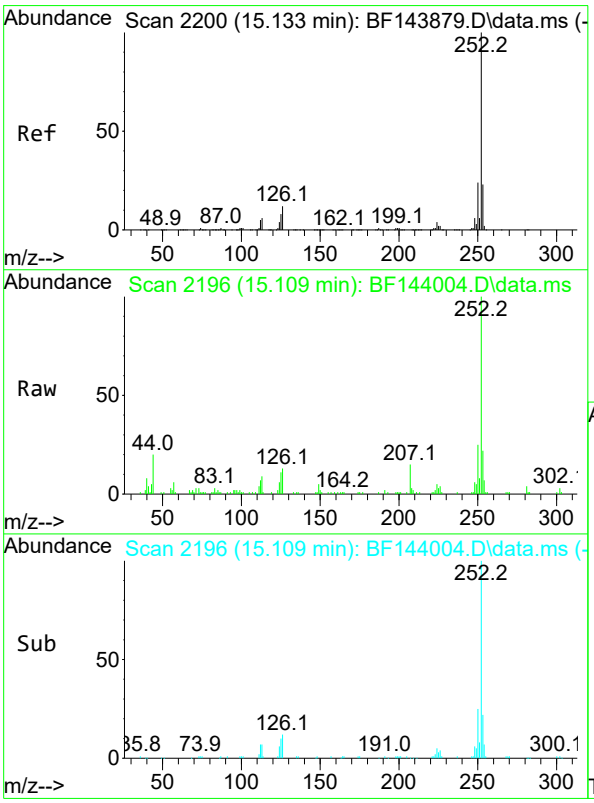
#88
Benzo(b)fluoranthene
Concen: 3.68 ng
RT: 15.109 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Instrument :
BNA_F
ClientSampleId :
VNJ-255

Tgt Ion:252 Resp: 57359

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.5	7.8	11.6

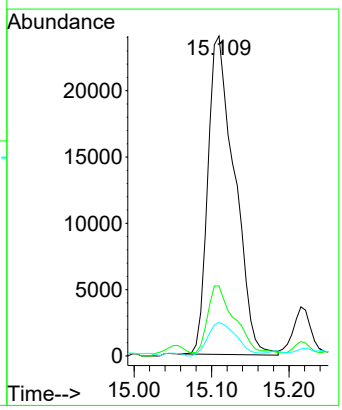


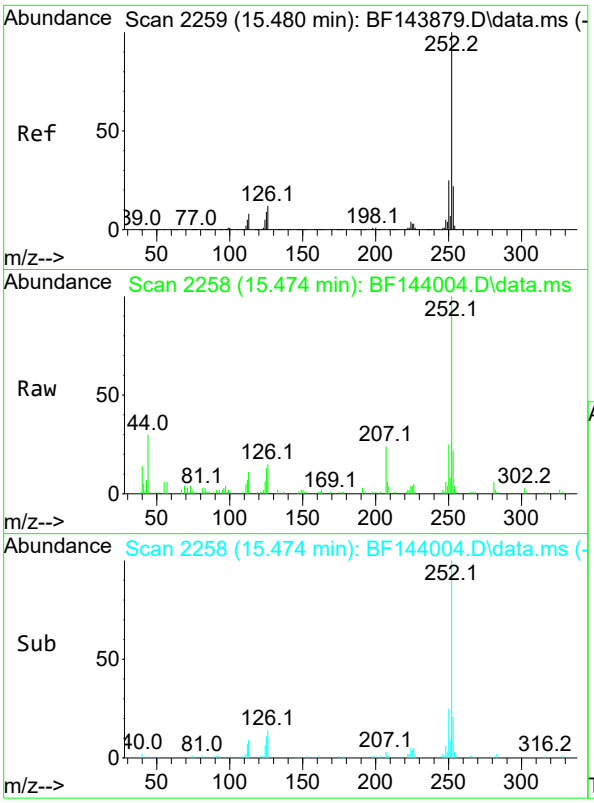


#89
Benzo(k)fluoranthene
Concen: 3.97 ng
RT: 15.109 min Scan# 2196
Delta R.T. -0.035 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Tgt Ion:252 Resp: 57359

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.5	7.4	11.2





#90
Benzo(a)pyrene
Concen: 2.03 ng
RT: 15.474 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF144004.D
Acq: 20 Oct 2025 17:54

Instrument :
BNA_F
ClientSampleId :
VNJ-255

Tgt Ion:252 Resp: 27475

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	12.8	7.0	10.4#