Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142588.D
Acq On : 31 May 2025 00:10
Operator : RC/JU
Sample : Q2152-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Quant Time: May 31 00:59:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	140107	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	493844	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	218892	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	316112	20.000	ng		0.00
76) Chrysene-d12	14.074	240	270348	20.000	ng	#	0.00
86) Perylene-d12	15.574	264	194345	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	264525	31.809	ng		0.00
7) Phenol-d6	6.516	99	313050	31.272	ng		-0.02
23) Nitrobenzene-d5	7.457	82	178568	19.717	ng		-0.02
42) 2,4,6-Tribromophenol	10.728	330	59851	24.636	ng		-0.01
45) 2-Fluorobiphenyl	9.257	172	325975	19.983	ng		-0.01
79) Terphenyl-d14	13.010	244	249000	12.586	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	24017	3.871	ng	#	76
25) Isophorone	7.457	82	169600	11.201	ng	#	63
31) Naphthalene	8.204	128	55214	2.271	ng		98
37) 2-Methylnaphthalene	8.892	142	62071	4.057	ng		98
38) 1-Methylnaphthalene	8.992	142	58007	3.666	ng		98
49) Acenaphthylene	9.798	152	46119	2.177	ng	#	95
51) 2,6-Dinitrotoluene	9.939	165	30809	9.883	ng	#	28
52) Acenaphthene	9.969	154	26093	2.017	ng		97
58) Fluorene	10.486	166	71063	4.941	ng		98
71) Phenanthrene	11.451	178	413465	24.475	ng		100
72) Anthracene	11.504	178	96796	5.614	ng		99
75) Fluoranthene	12.645	202	440962	27.935	ng		98
78) Pyrene	12.875	202	505176	20.031	ng		99
81) Benzo(a)anthracene	14.063	228	242397	13.427	ng		91
83) Chrysene	14.063	228	242397	14.943	ng		95
87) Indeno(1,2,3-cd)pyrene	17.086	276	56713	3.887	ng		99
88) Benzo(b)fluoranthene	15.133	252	209251	18.192	ng	#	91
89) Benzo(k)fluoranthene	15.133	252	209251	19.423	ng	#	91
90) Benzo(a)pyrene	15.504	252	120887	11.150	ng	#	92
92) Benzo(g,h,i)perylene	17.545	276	58328	4.928	ng		92

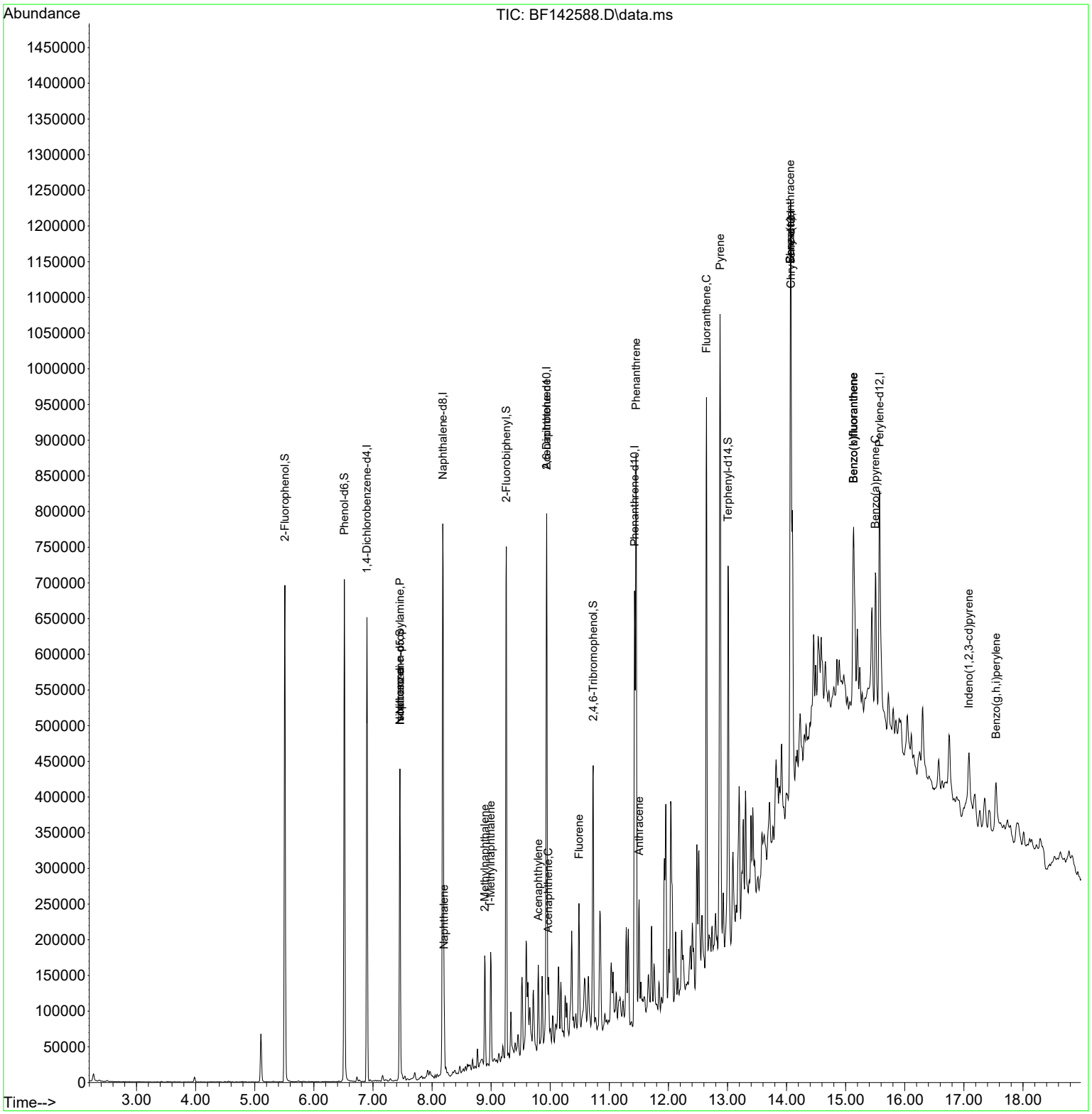
(#) = qualifier out of range (m) = manual integration (+) = signals summed

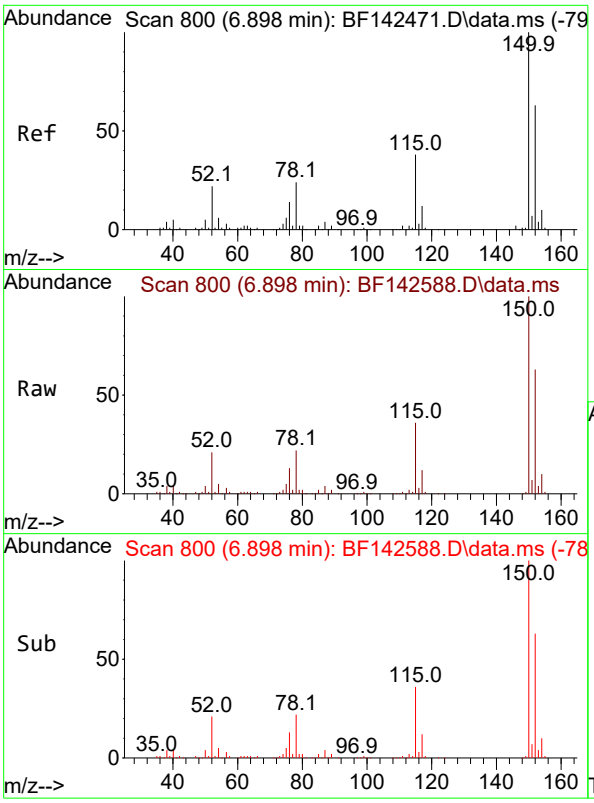
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
Data File : BF142588.D
Acq On : 31 May 2025 00:10
Operator : RC/JU
Sample : Q2152-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Quant Time: May 31 00:59:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



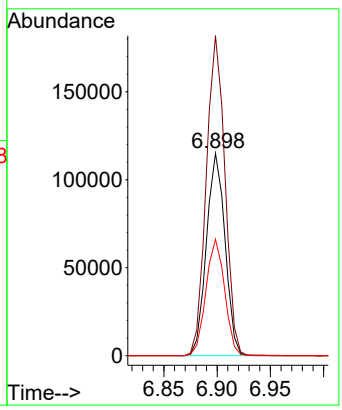


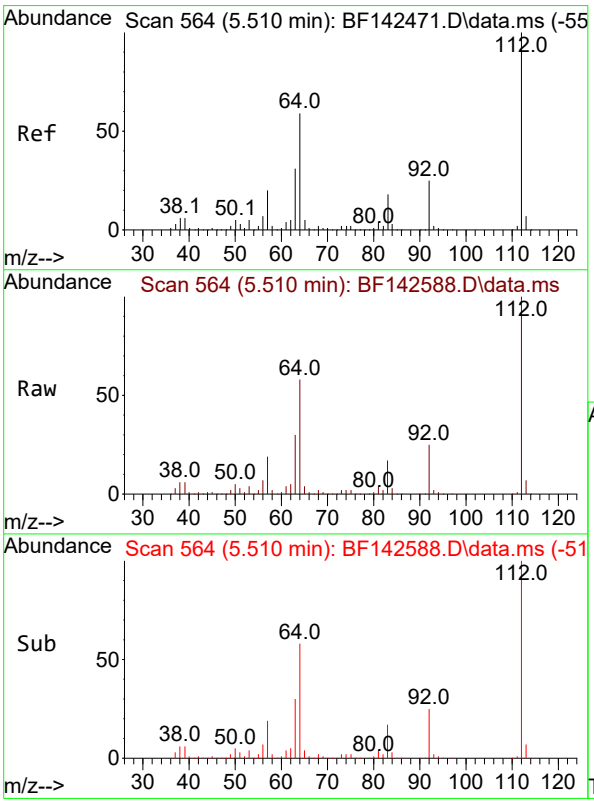
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion:152 Resp: 140107

Ion	Ratio	Lower	Upper
152	100		
150	158.1	128.2	192.4
115	57.5	48.3	72.5

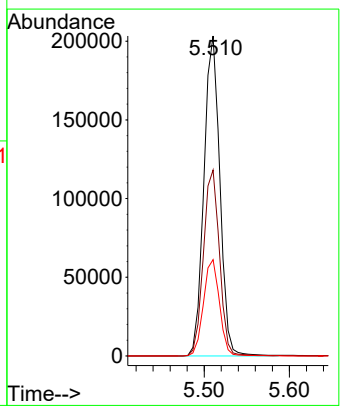


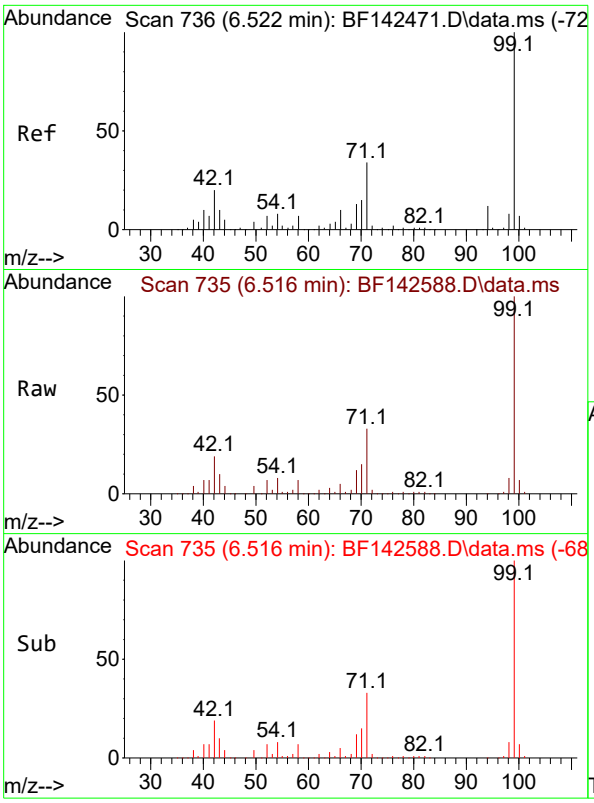


#5
2-Fluorophenol
Concen: 31.809 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion:112 Resp: 264525

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.5	71.3
63	30.1	24.9	37.3



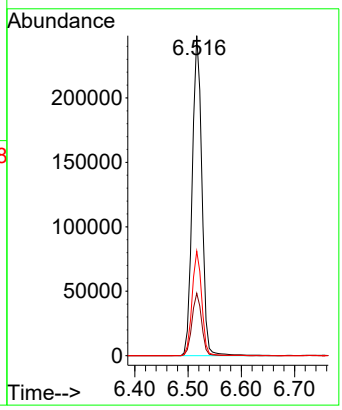


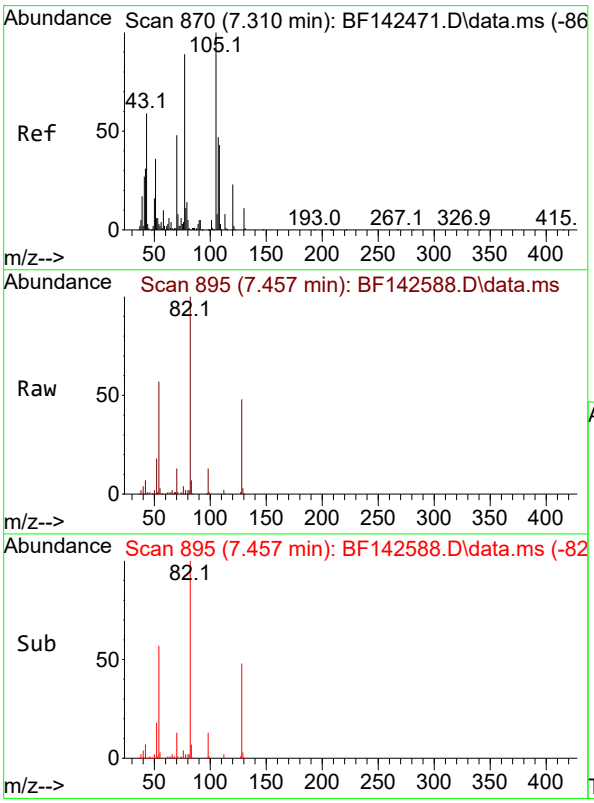
#7
Phenol-d6
Concen: 31.272 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion: 99 Resp: 313050

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.2	24.2
71	32.7	27.3	40.9

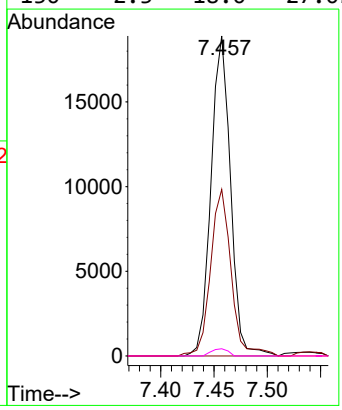


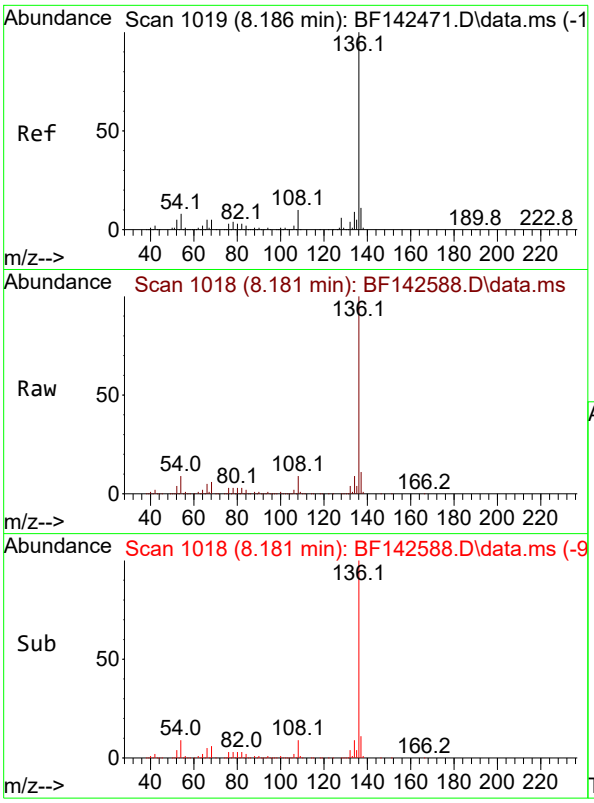


#19
n-Nitroso-di-n-propylamine
Concen: 3.871 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion: 70 Resp: 24017

Ion	Ratio	Lower	Upper
70	100		
42	52.0	52.4	78.6#
101	0.0	7.8	11.8#
130	2.3	18.0	27.0#



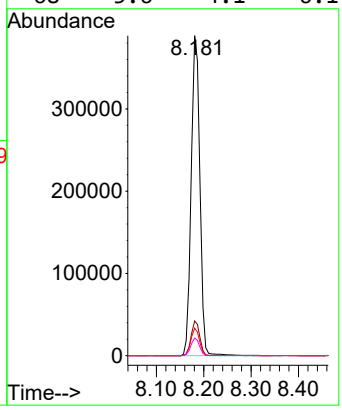


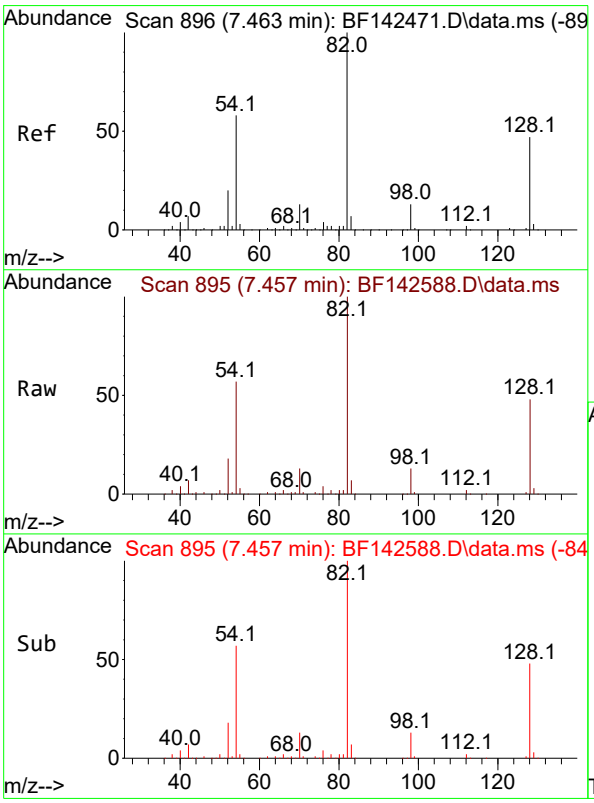
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion:136 Resp: 493844

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.6	6.6	10.0
68	5.6	4.1	6.1

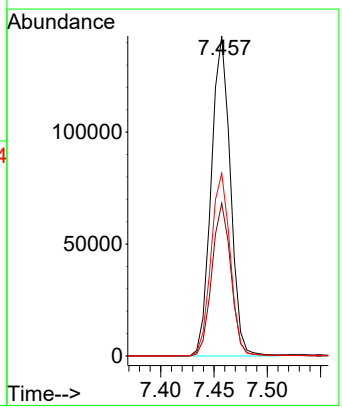


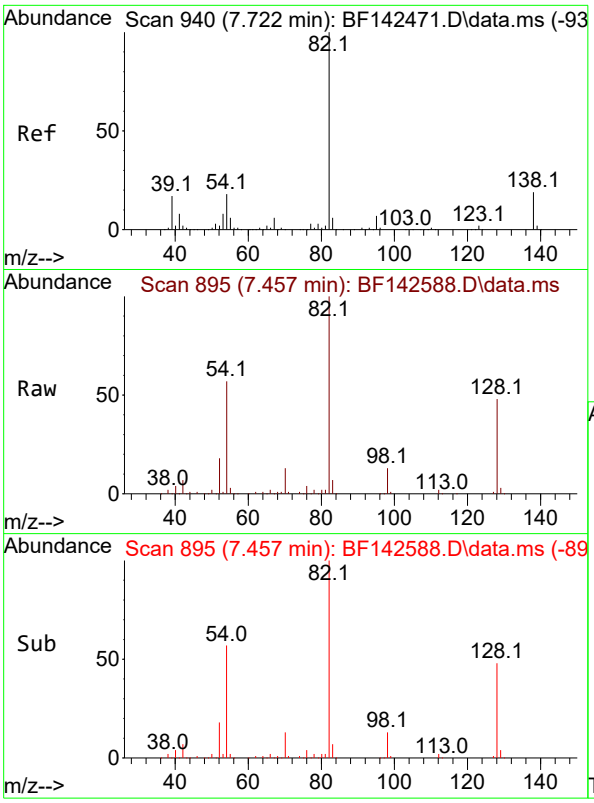


#23
Nitrobenzene-d5
Concen: 19.717 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion: 82 Resp: 178568

Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.4	56.2
54	57.1	46.6	70.0



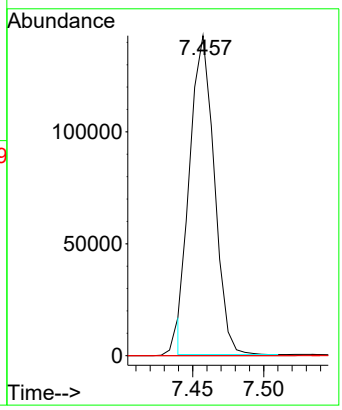


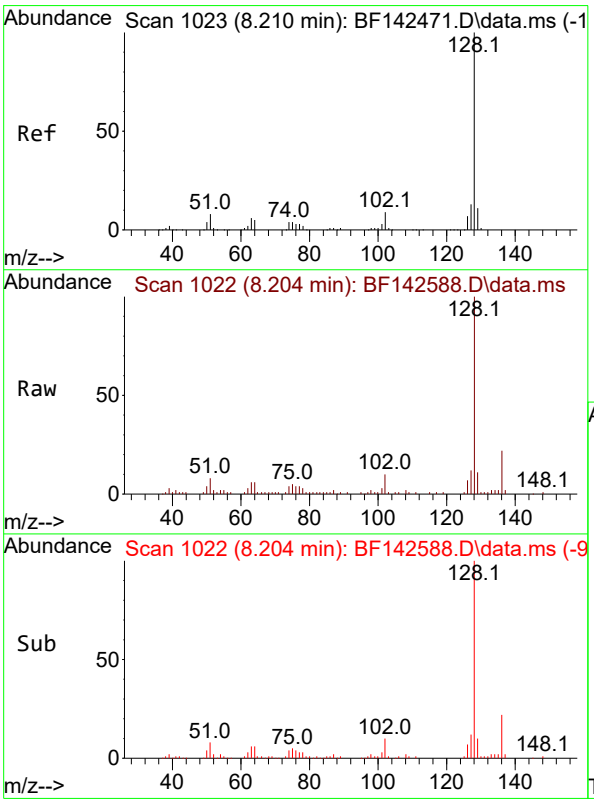
#25
Isophorone
Concen: 11.201 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.276 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion: 82 Resp: 169600

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	15.5	23.3#

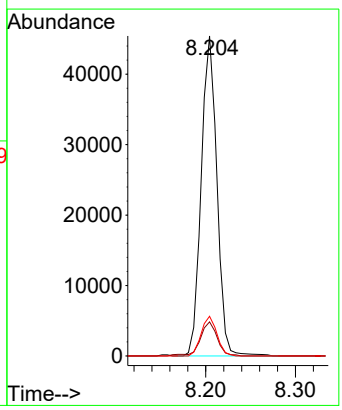


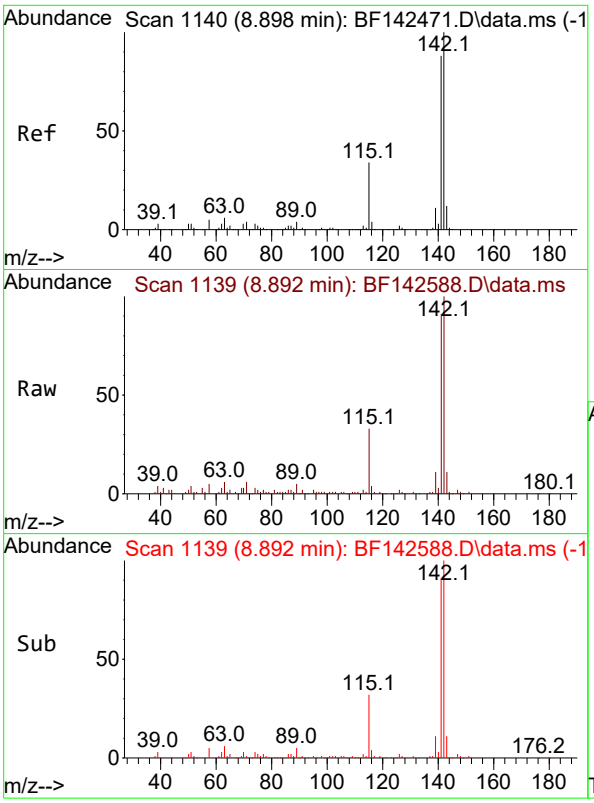


#31
Naphthalene
Concen: 2.271 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion:128 Resp: 55214

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	12.4	10.5	15.7



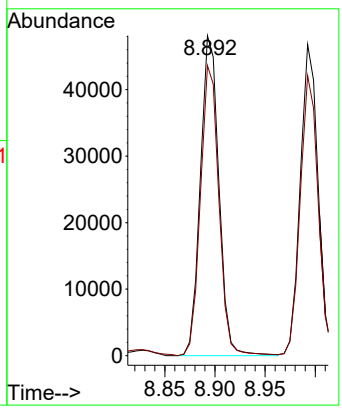


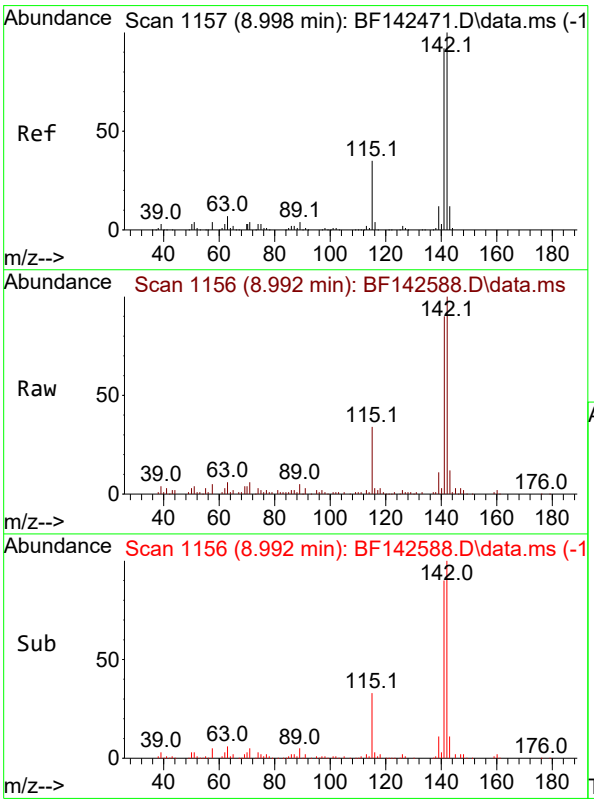
#37
2-Methylnaphthalene
Concen: 4.057 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion:142 Resp: 62071

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.7	106.1

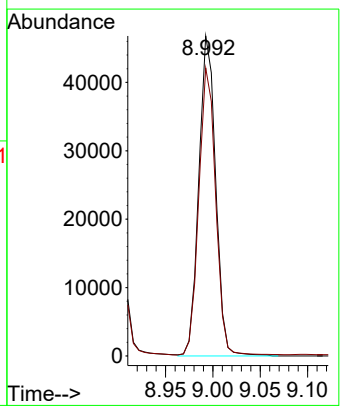


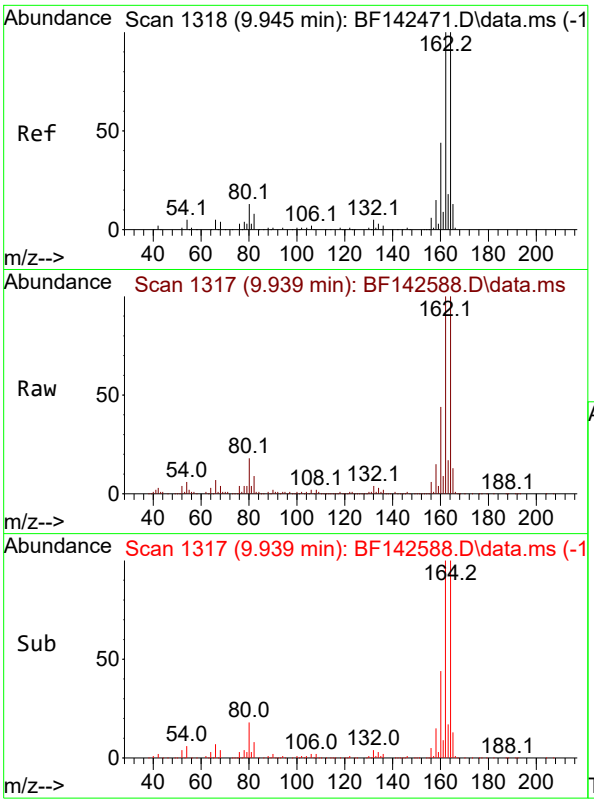


#38
1-Methylnaphthalene
Concen: 3.666 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion:142 Resp: 58007

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.4	110.2



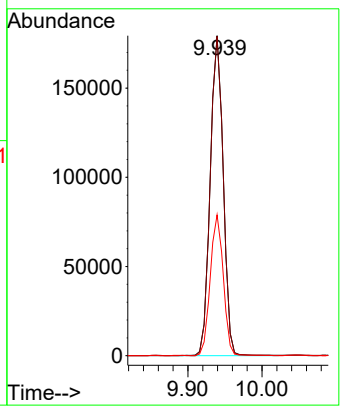


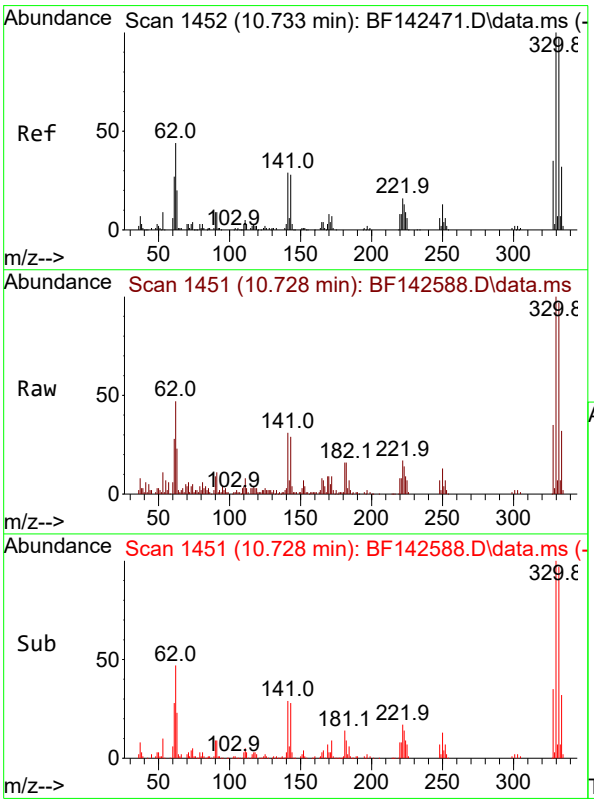
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion:164 Resp: 218892

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.2	120.4
160	44.0	35.6	53.4

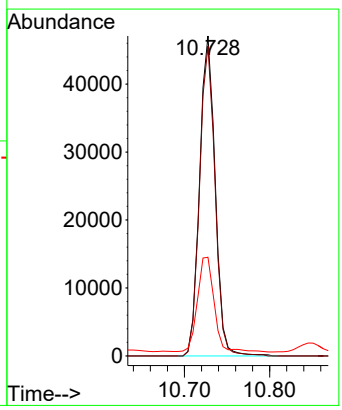


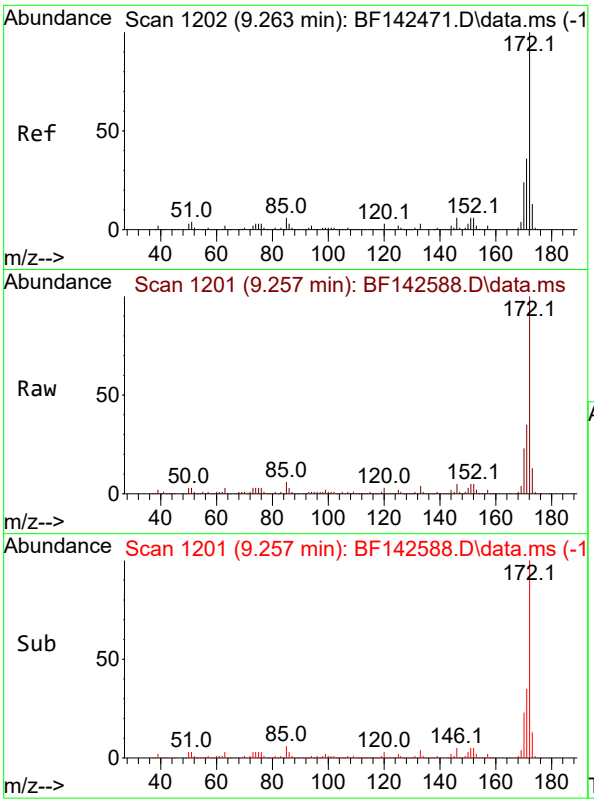


#42
2,4,6-Tribromophenol
Concen: 24.636 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion:330 Resp: 59851

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	31.8	24.6	36.8



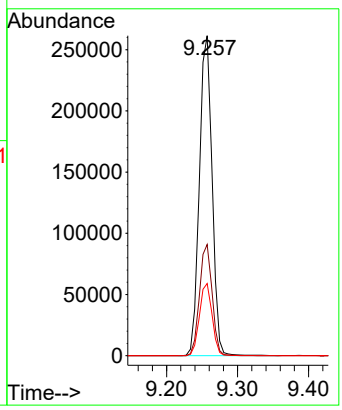


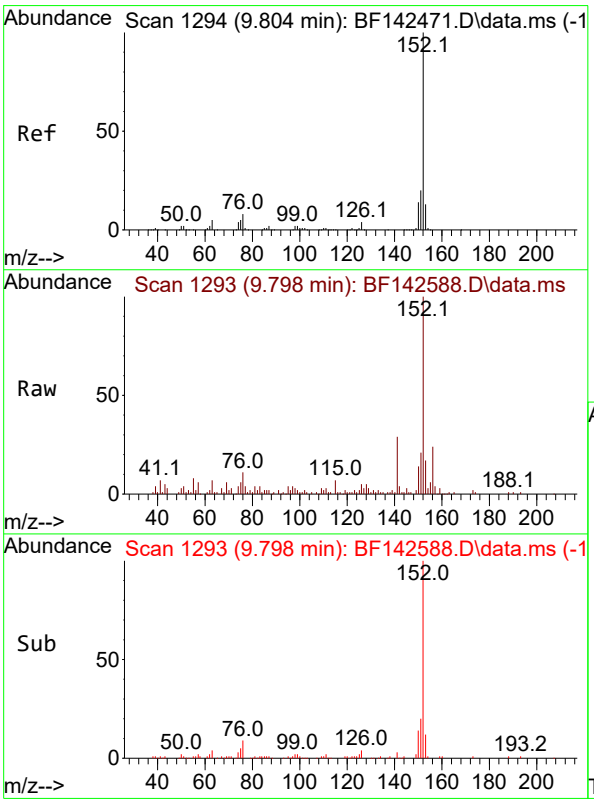
#45
2-Fluorobiphenyl
Concen: 19.983 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion:172 Resp: 325975

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	22.6	18.9	28.3

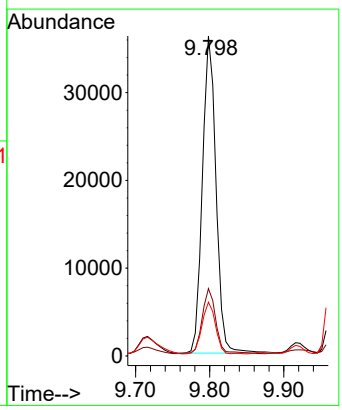


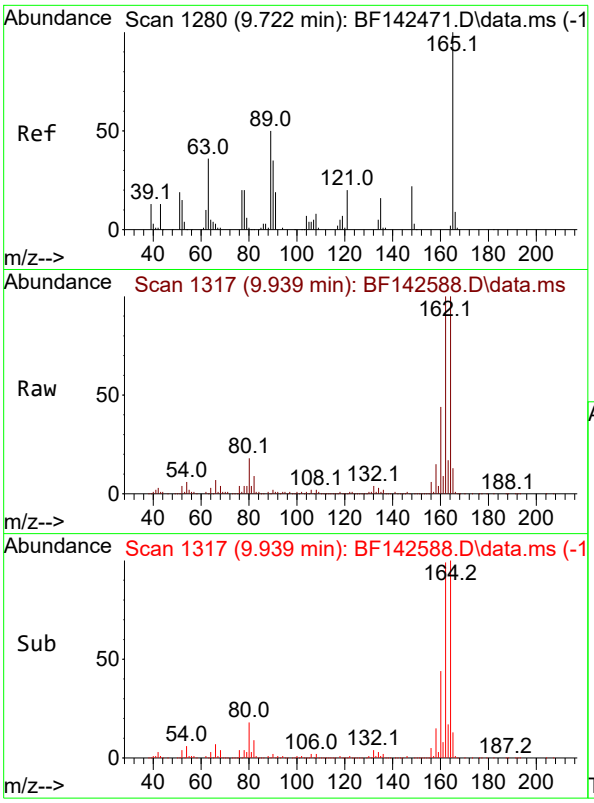


#49
Acenaphthylene
Concen: 2.177 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion:152 Resp: 46119

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.8	23.8
153	16.8	10.6	15.8#



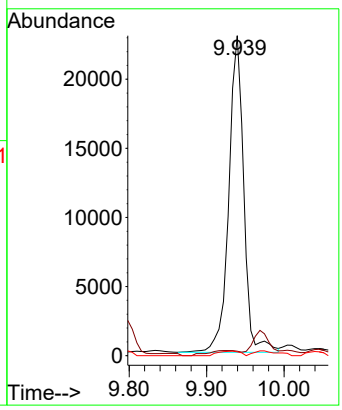


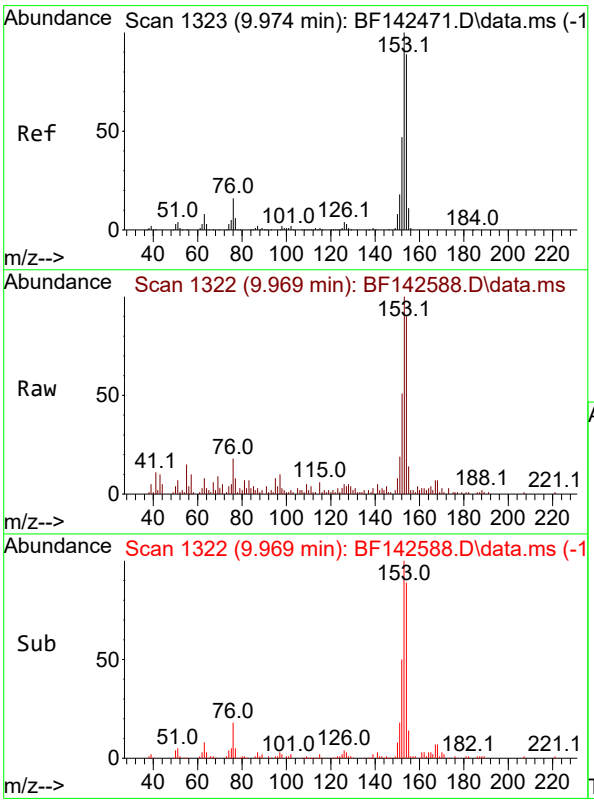
#51
2,6-Dinitrotoluene
Concen: 9.883 ng
RT: 9.939 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion:165 Resp: 30809

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.9	64.3#
89	1.2	40.2	60.4#

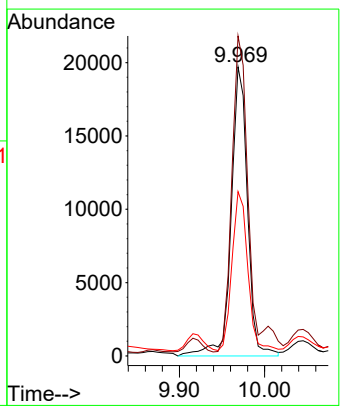


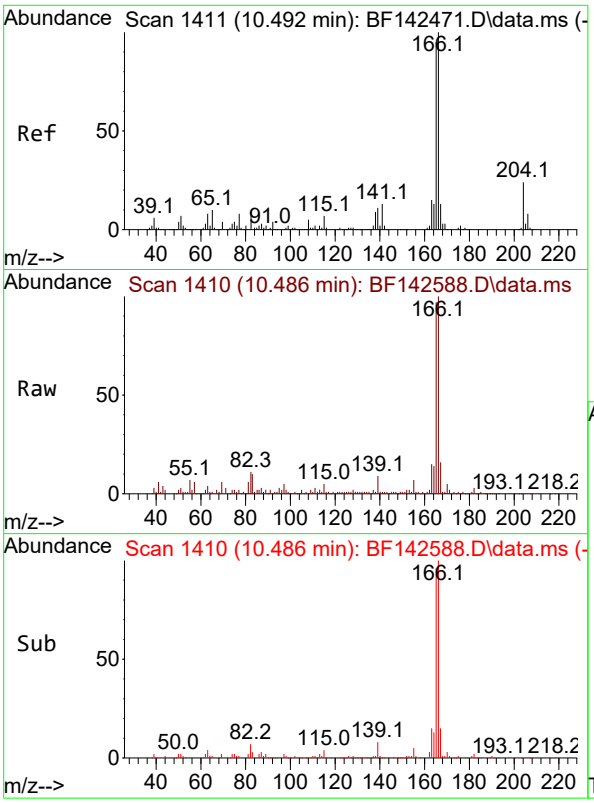


#52
Acenaphthene
Concen: 2.017 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion:154 Resp: 26093

Ion	Ratio	Lower	Upper
154	100		
153	110.7	90.0	135.0
152	56.8	42.6	64.0



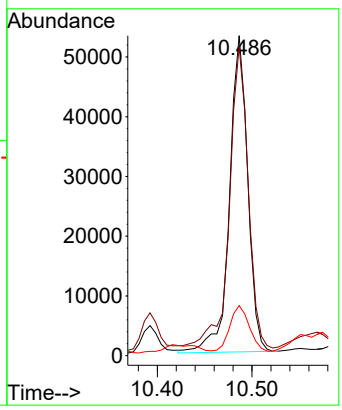


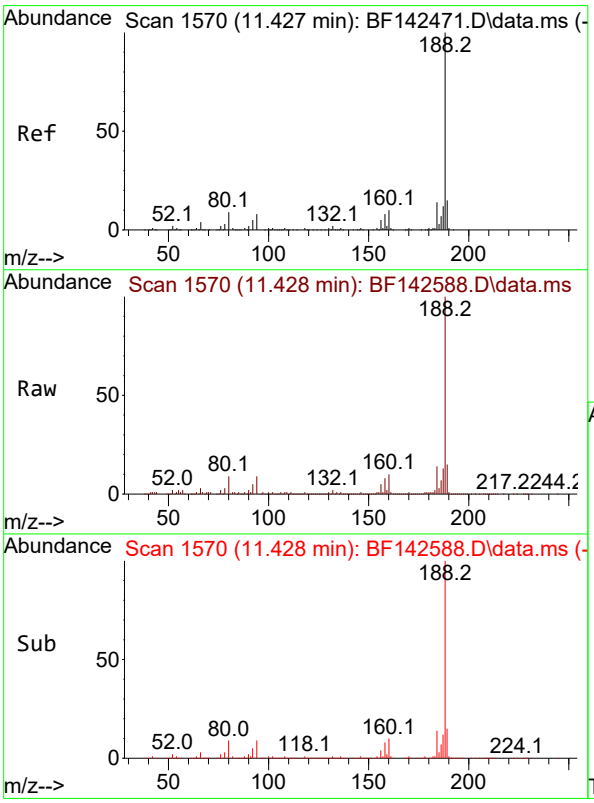
#58
Fluorene
Concen: 4.941 ng
RT: 10.486 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion:166 Resp: 71063

Ion	Ratio	Lower	Upper
166	100		
165	96.6	75.8	113.8
167	15.6	10.6	16.0

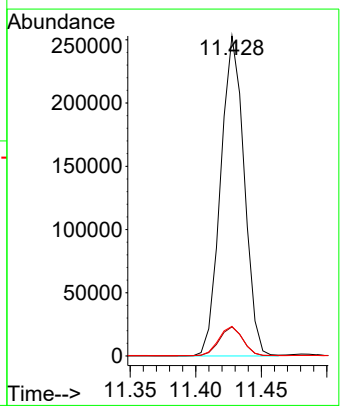


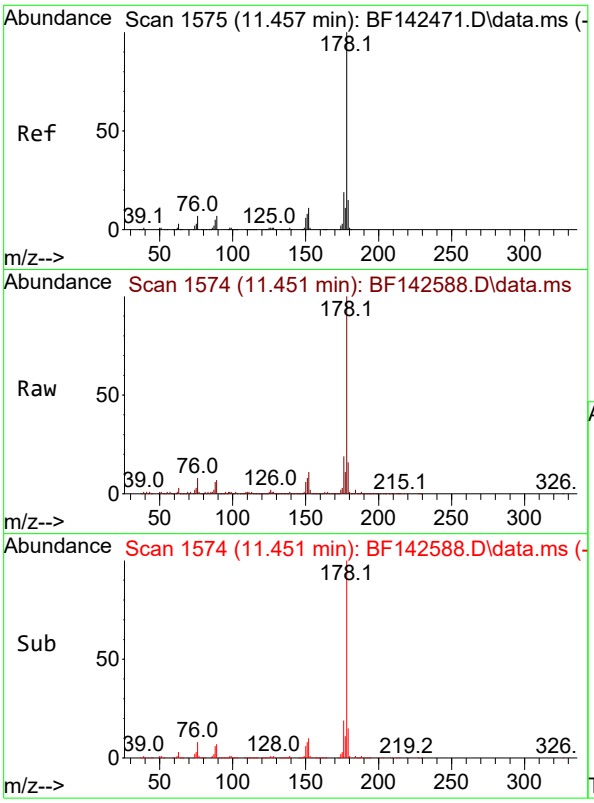


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion:188 Resp: 316112

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	9.2	7.4	11.0



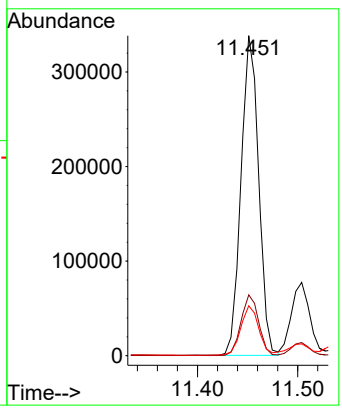


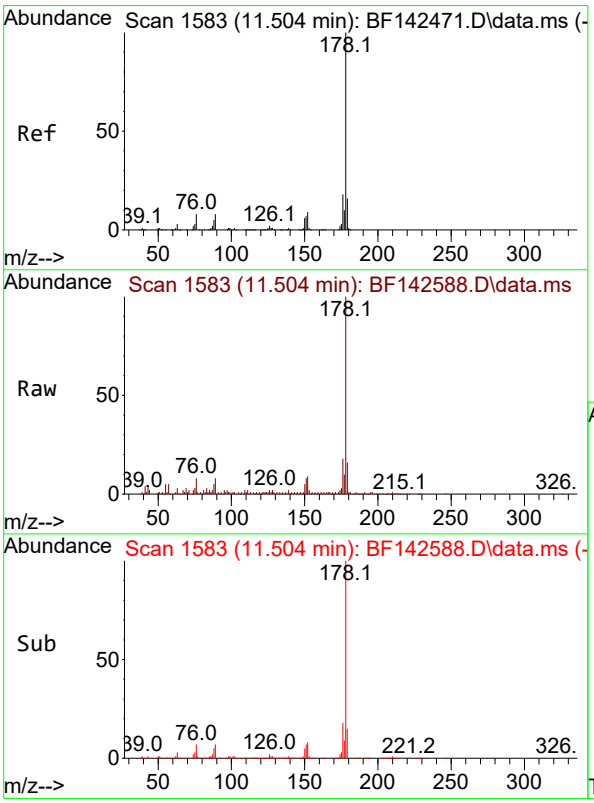
#71
Phenanthrene
Concen: 24.475 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion:178 Resp: 413465

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.6	12.3	18.5

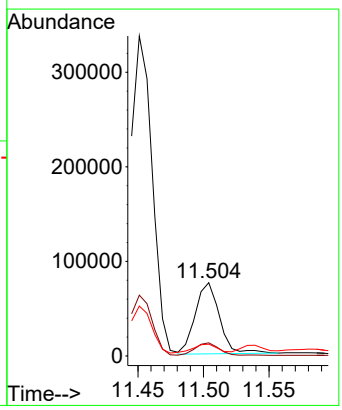


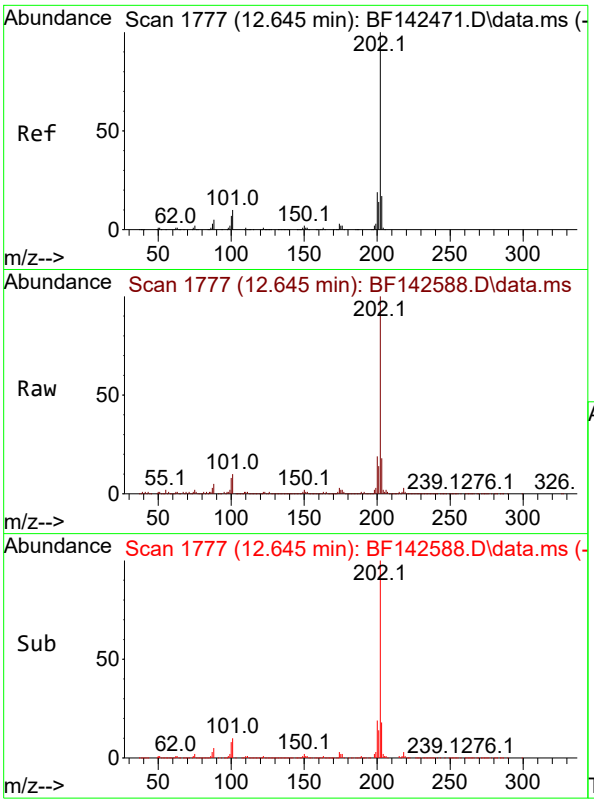


#72
Anthracene
Concen: 5.614 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion:178 Resp: 96796

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	16.1	12.4	18.6



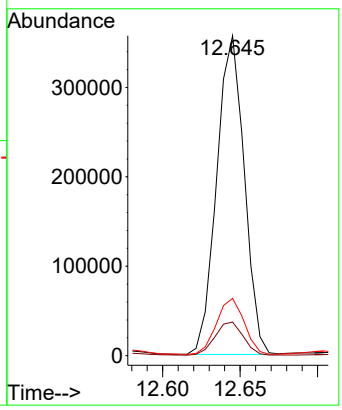


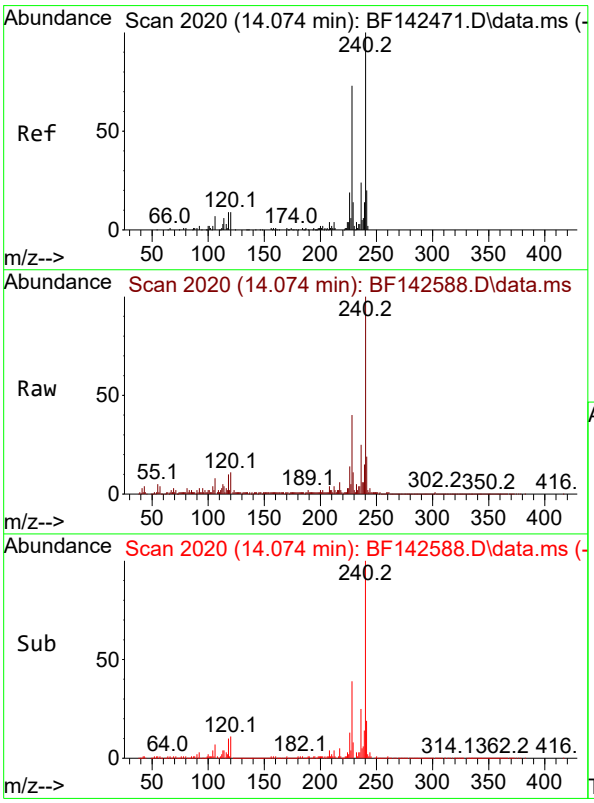
#75
Fluoranthene
Concen: 27.935 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion:202 Resp: 440962

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	29.6
203	17.9	0.0	37.2

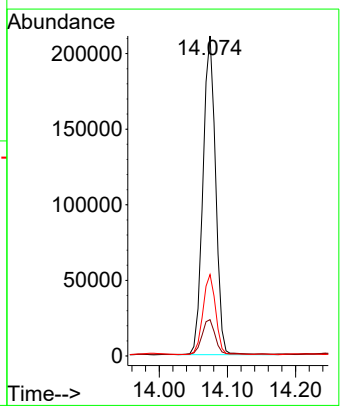


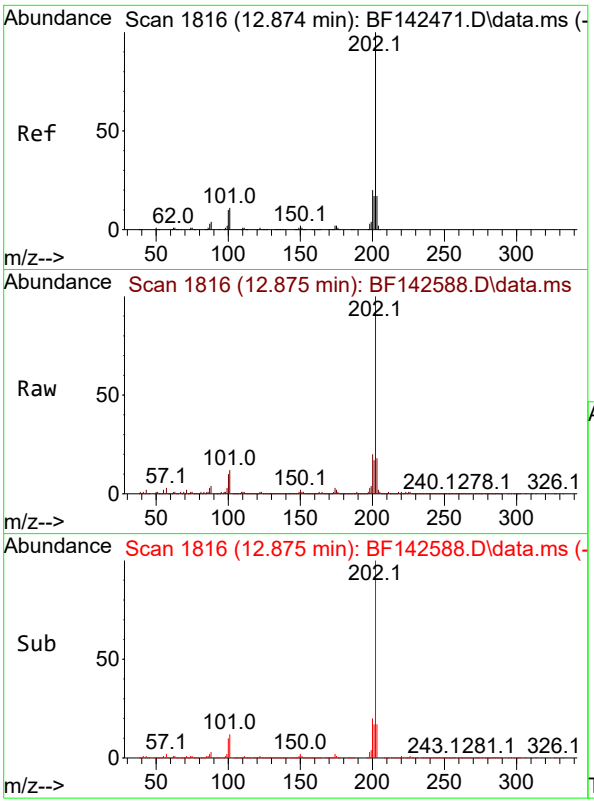


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion:240 Resp: 270348

Ion	Ratio	Lower	Upper
240	100		
120	11.4	7.5	11.3#
236	25.5	19.6	29.4



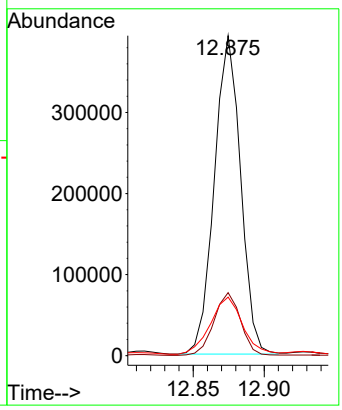


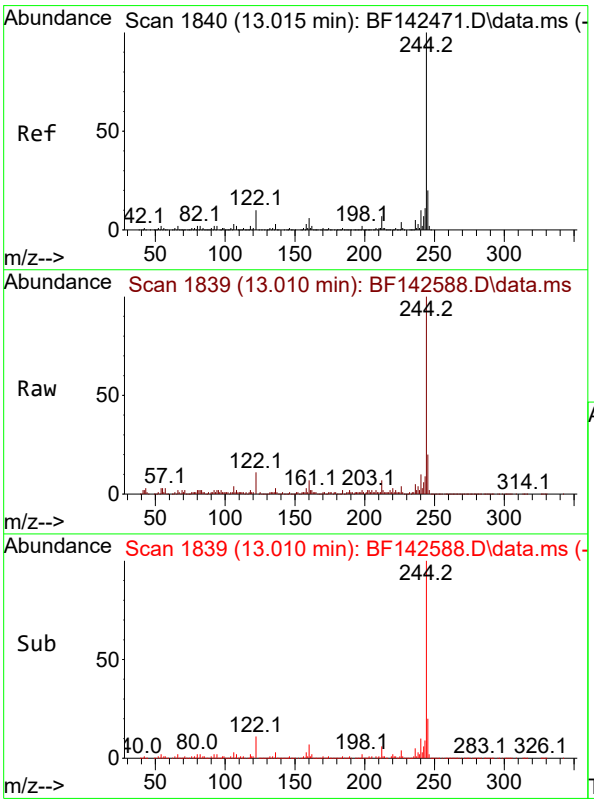
#78
Pyrene
Concen: 20.031 ng
RT: 12.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion:202 Resp: 505176

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.1	24.1
203	18.3	13.9	20.9

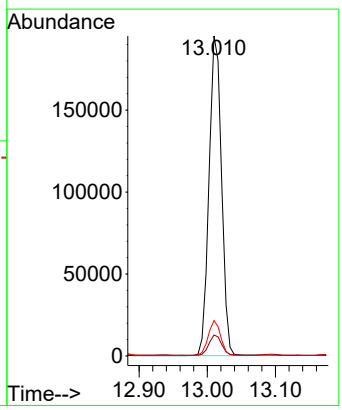


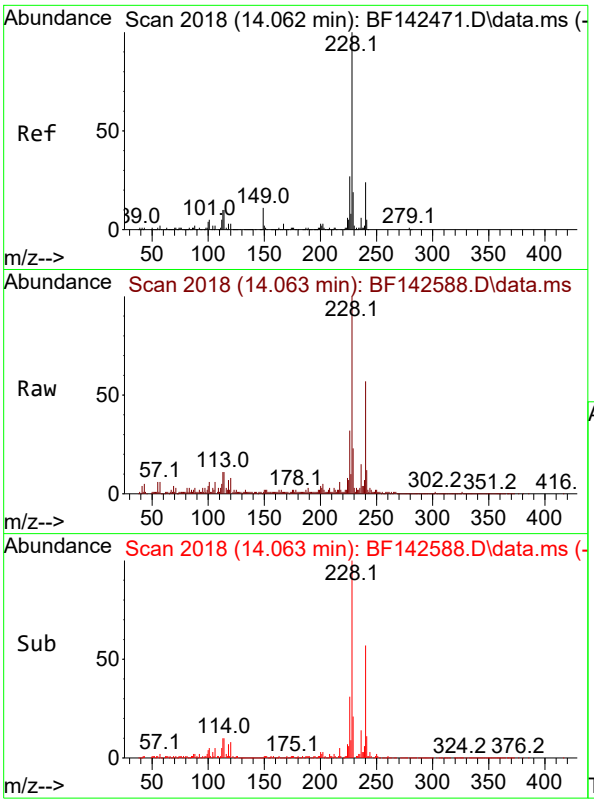


#79
Terphenyl-d14
Concen: 12.586 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion:244 Resp: 249000

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	11.1	8.2	12.2



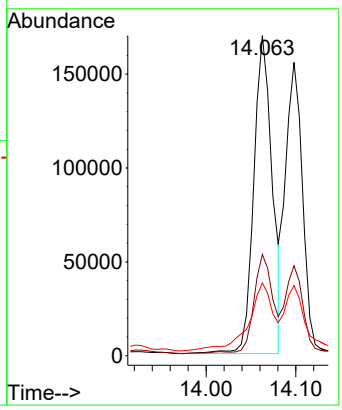


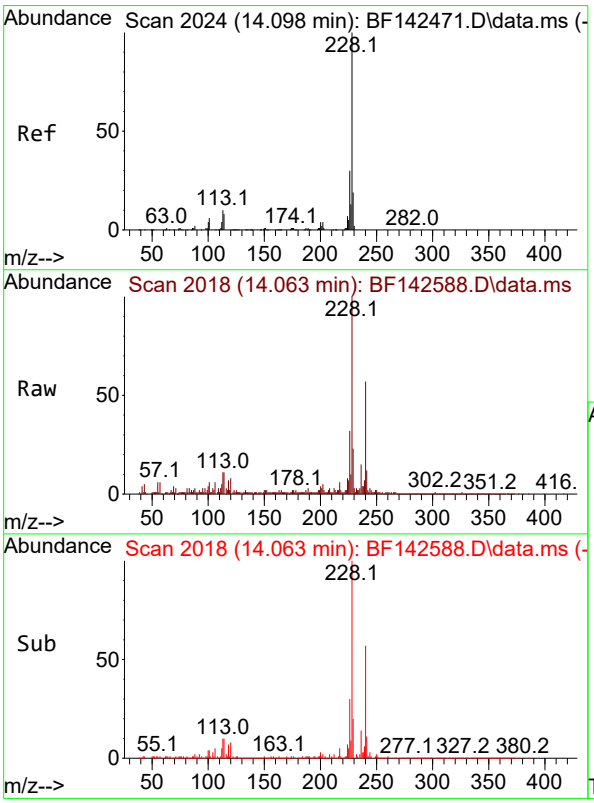
#81
Benzo(a)anthracene
Concen: 13.427 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion:228 Resp: 242397

Ion	Ratio	Lower	Upper
228	100		
226	31.7	21.2	31.8
229	22.7	15.5	23.3

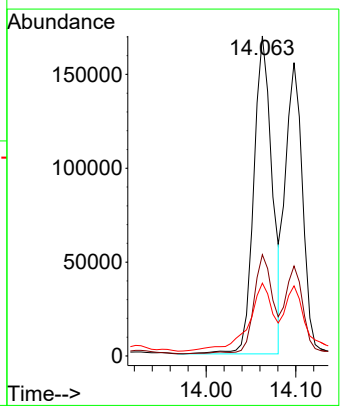


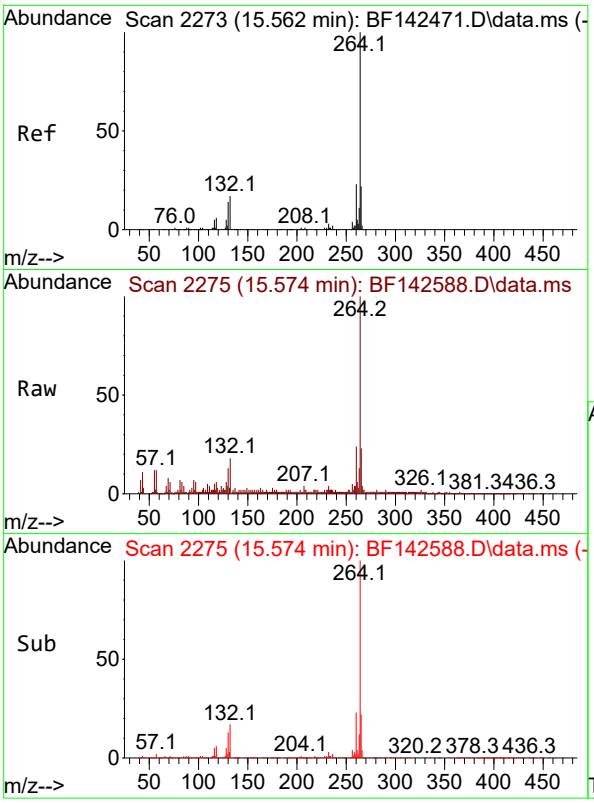


#83
Chrysene
Concen: 14.943 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.041 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion:228 Resp: 242397

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.8	35.6
229	22.7	15.4	23.2



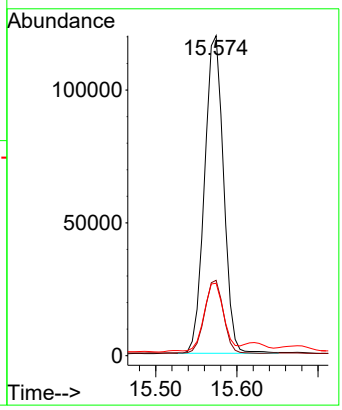


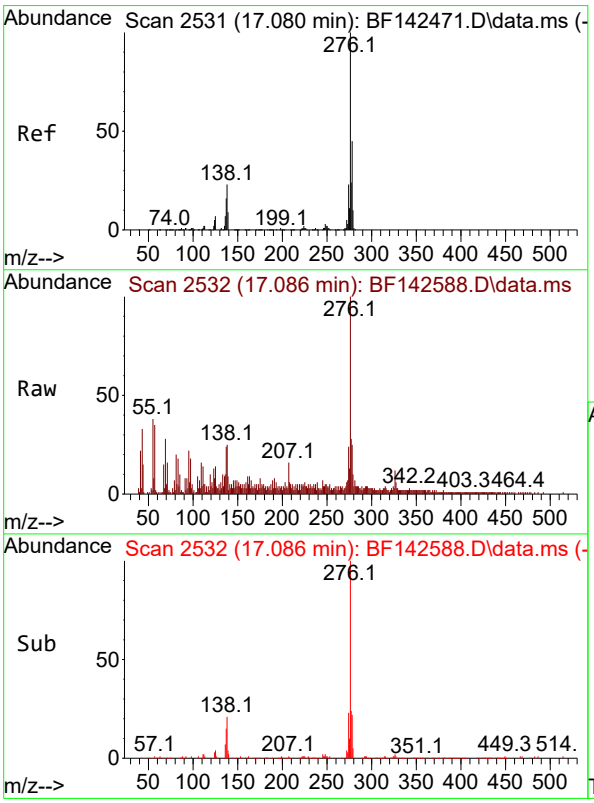
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion:264 Resp: 194345

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	22.6	17.7	26.5

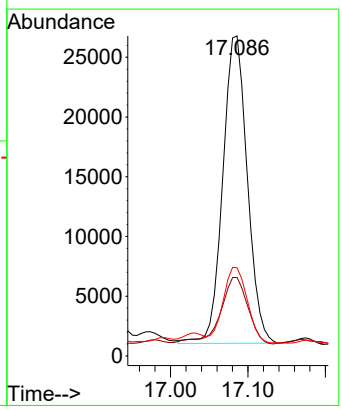


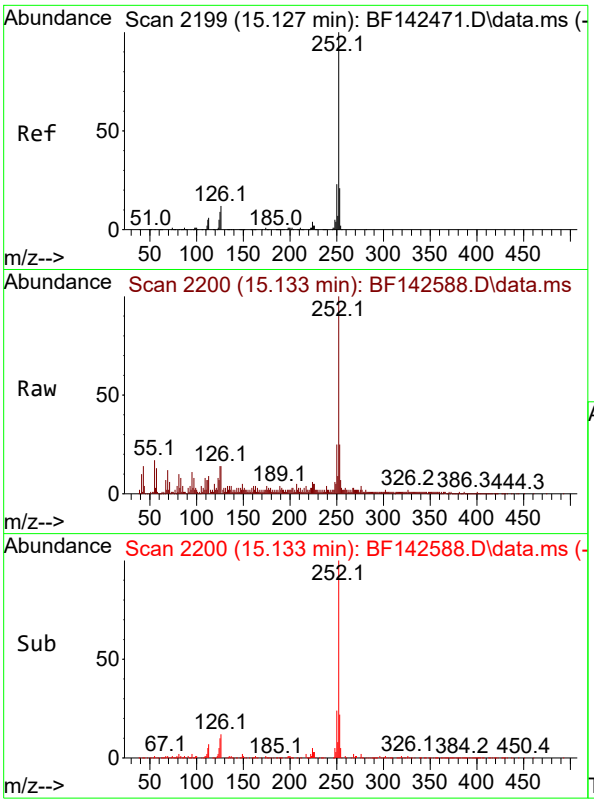


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.887 ng
RT: 17.086 min Scan# 2532
Delta R.T. -0.006 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion:276 Resp: 56713

Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.9	29.9
277	24.5	20.2	30.2



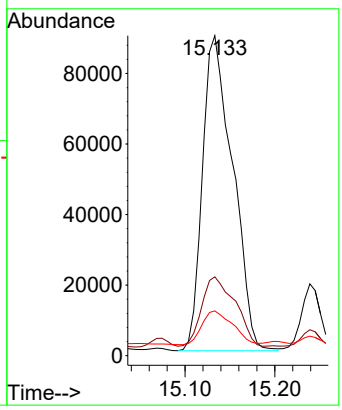


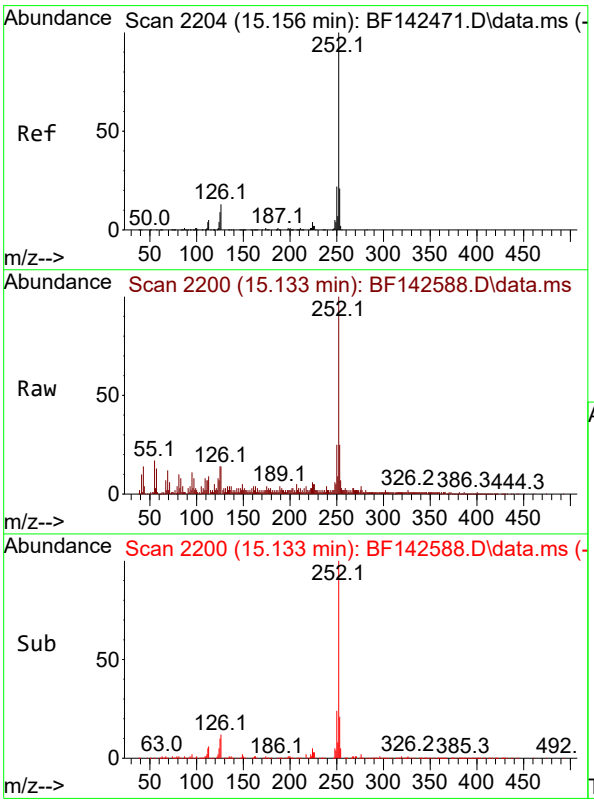
#88
Benzo(b)fluoranthene
Concen: 18.192 ng
RT: 15.133 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion:252 Resp: 209251

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.4
125	14.0	7.4	11.0#

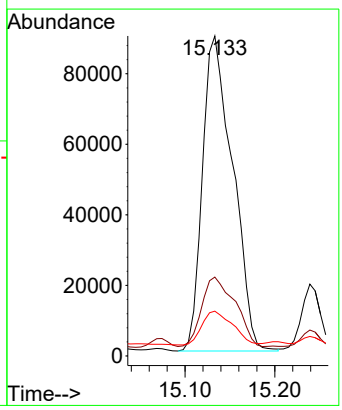


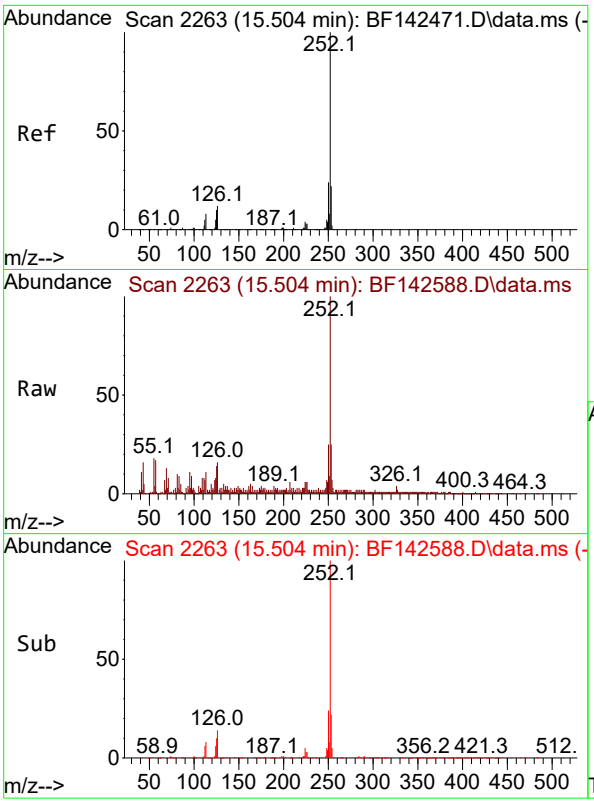


#89
Benzo(k)fluoranthene
Concen: 19.423 ng
RT: 15.133 min Scan# 2200
Delta R.T. -0.029 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion:252 Resp: 209251

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.4
125	14.0	7.3	10.9#



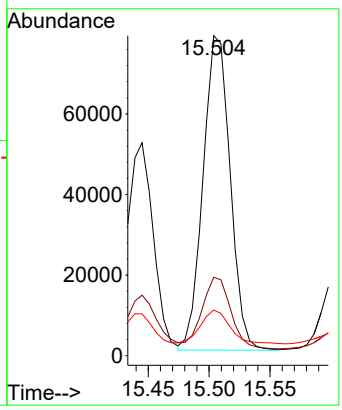


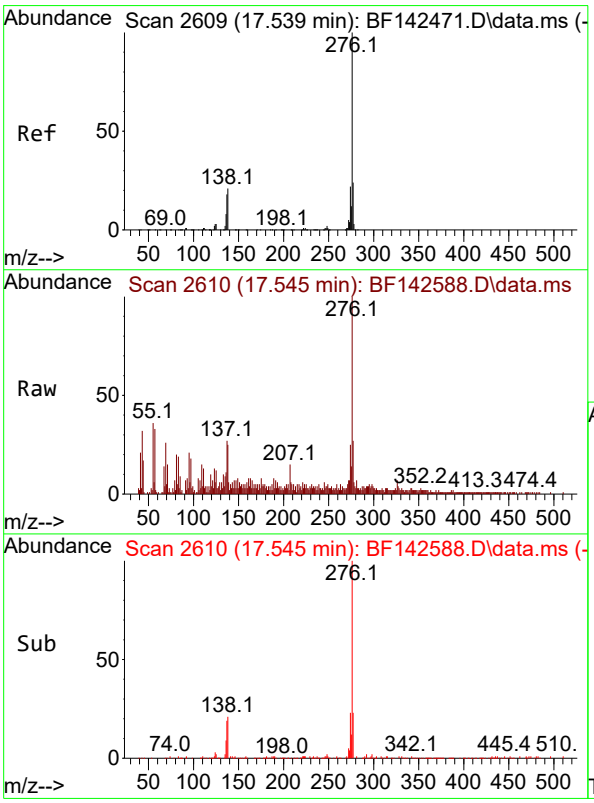
#90
Benzo(a)pyrene
Concen: 11.150 ng
RT: 15.504 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Instrument :
BNA_F
ClientSampleId :
OK-02-05292025

Tgt Ion:252 Resp: 120887

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.0
125	14.3	7.9	11.9#





#92
Benzo(g,h,i)perylene
Concen: 4.928 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.012 min
Lab File: BF142588.D
Acq: 31 May 2025 00:10

Tgt Ion:276 Resp: 58328

Ion	Ratio	Lower	Upper
276	100		
277	27.4	19.2	28.8
138	25.1	16.8	25.2