Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141969.D
Acq On : 14 Mar 2025 17:07
Operator : RC/JU
Sample : Q1568-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-03132025

Quant Time: Mar 14 18:24:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	108665	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	352195	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	167899	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	323335	20.000	ng	0.00
76) Chrysene-d12	14.033	240	334741	20.000	ng	0.00
86) Perylene-d12	15.510	264	238605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	277036	42.549	ng	0.00
7) Phenol-d6	6.493	99	298049	35.953	ng	-0.01
23) Nitrobenzene-d5	7.434	82	189142	30.222	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	87503	41.081	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	342742	31.045	ng	-0.01
79) Terphenyl-d14	12.980	244	547420	24.178	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	37663	2.157	ng	97
75) Fluoranthene	12.610	202	95253	5.142	ng	98
78) Pyrene	12.839	202	87893	3.035	ng	98
81) Benzo(a)anthracene	14.021	228	48899	2.226	ng	93
88) Benzo(b)fluoranthene	15.074	252	43157m	2.639	ng	
90) Benzo(a)pyrene	15.439	252	26362	2.060	ng	# 84

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141969.D
Acq On : 14 Mar 2025 17:07
Operator : RC/JU
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Misc :
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
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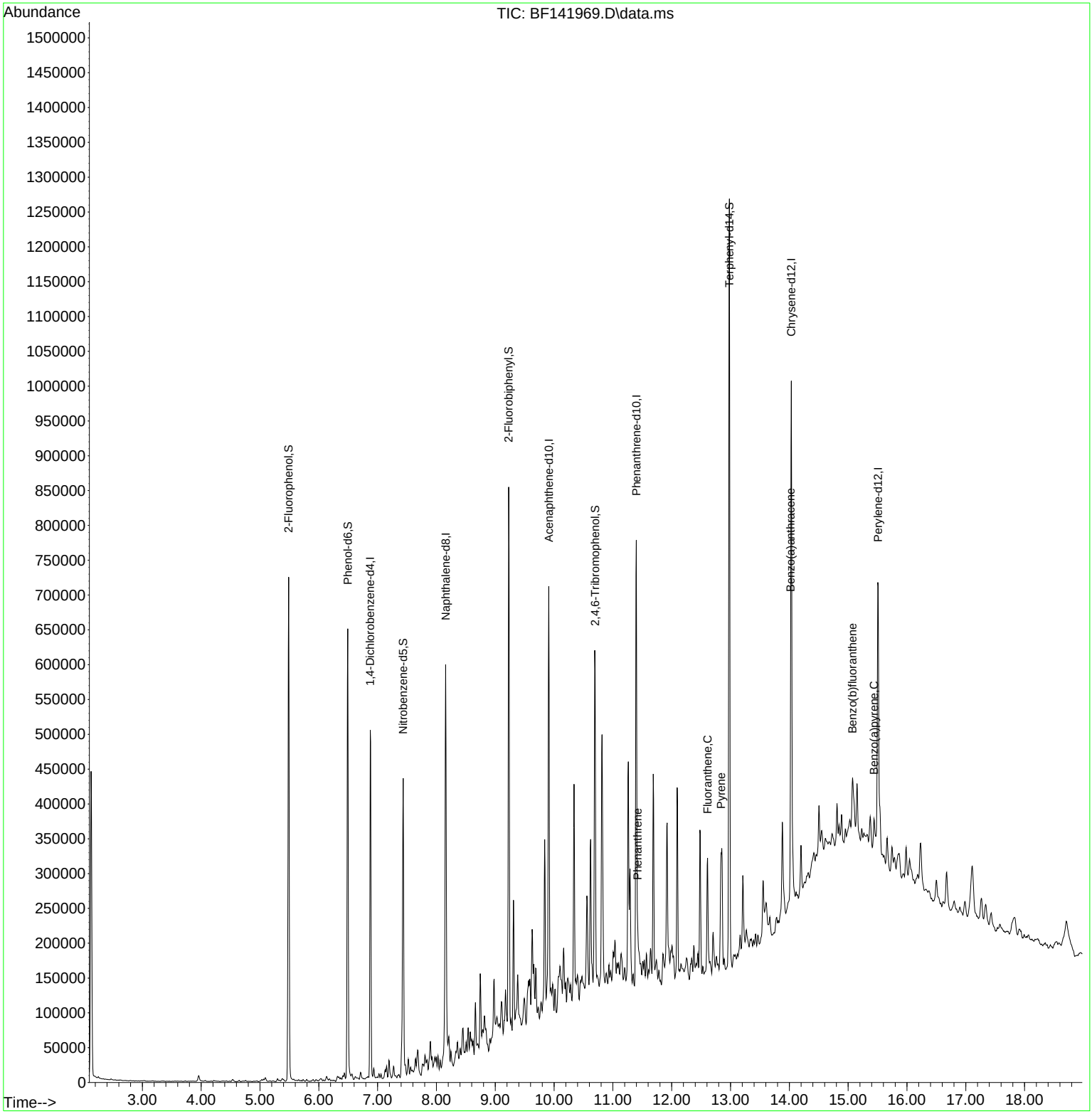
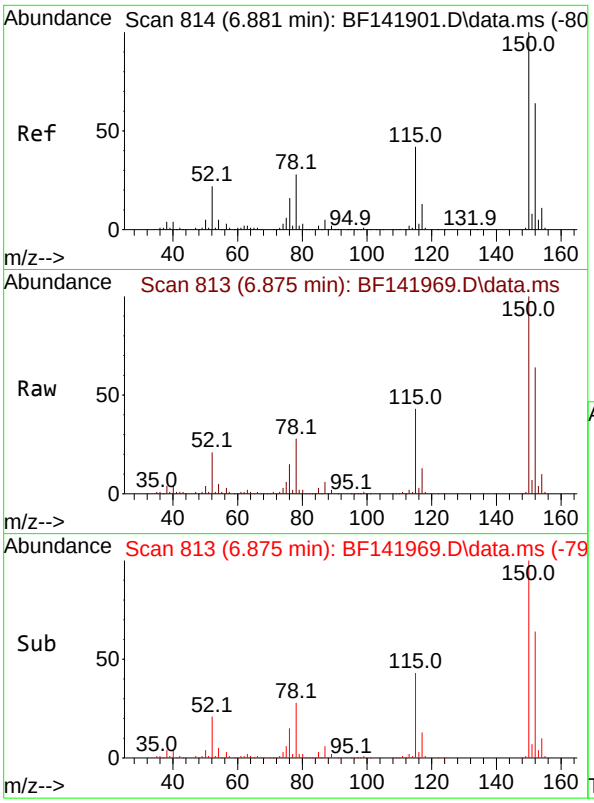


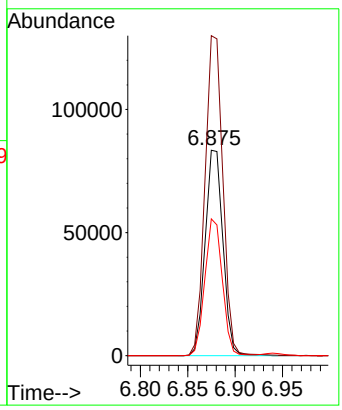


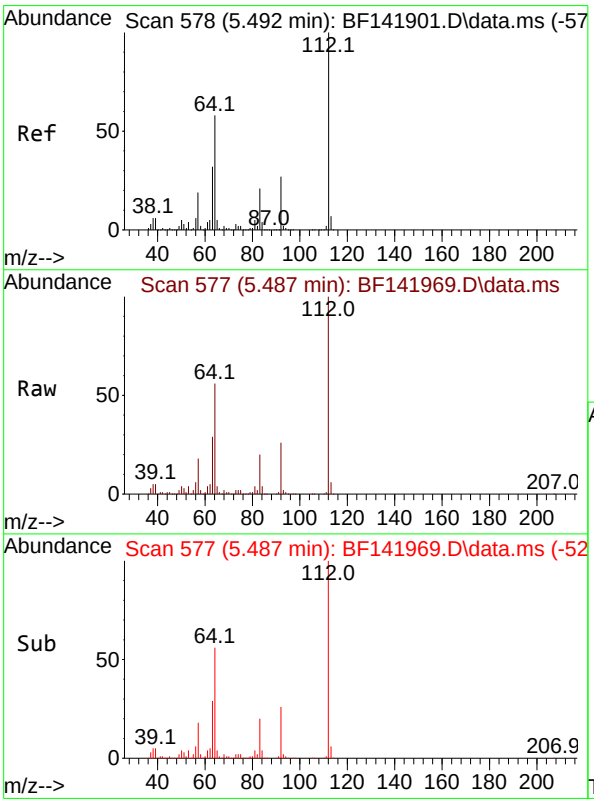
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Instrument :
BNA_F
ClientSampleId :
JC-03-03132025

Tgt Ion:152 Resp: 108665

Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.4	191.2
115	66.6	51.9	77.9

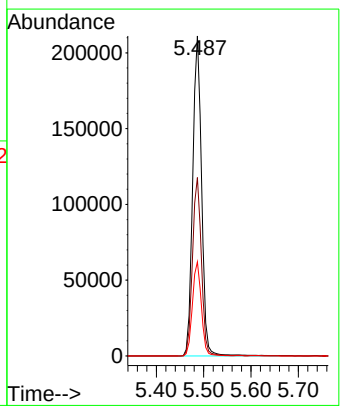


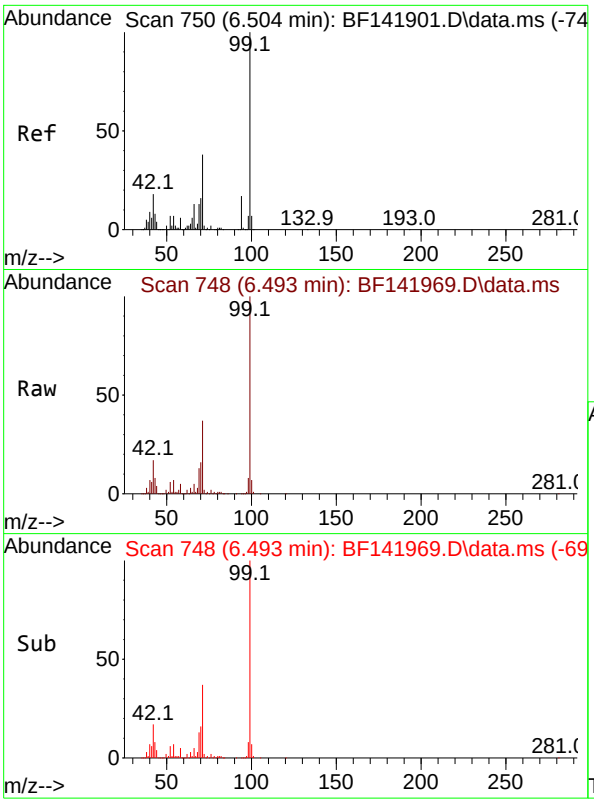


#5
2-Fluorophenol
Concen: 42.549 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Tgt Ion:112 Resp: 277036

Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.5	69.7
63	29.4	25.4	38.2



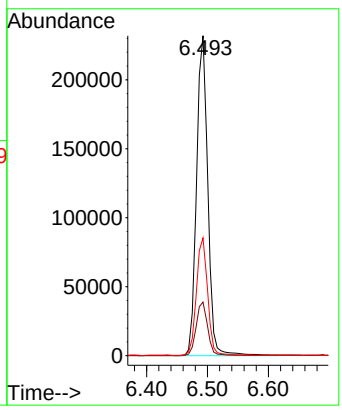


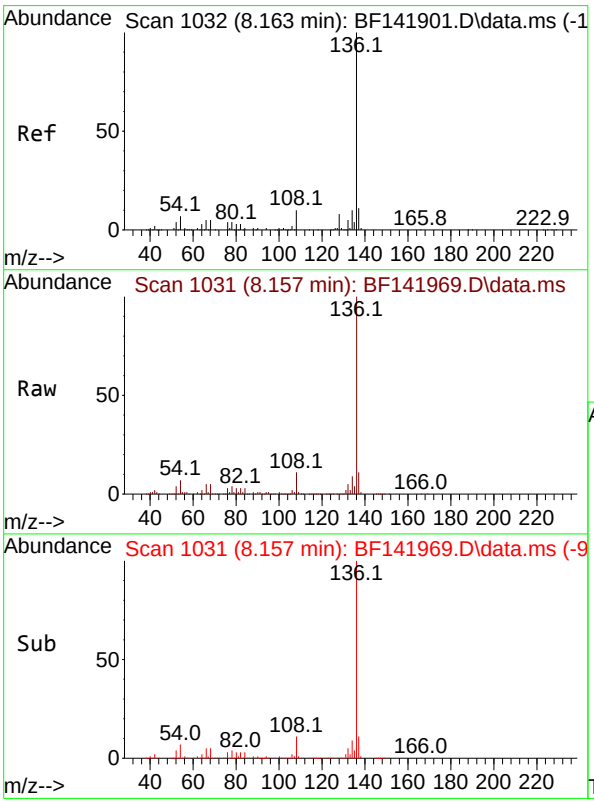
#7
Phenol-d6
Concen: 35.953 ng
RT: 6.493 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Instrument :
BNA_F
ClientSampleId :
JC-03-03132025

Tgt Ion: 99 Resp: 298049

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.6	21.8
71	36.8	30.8	46.2

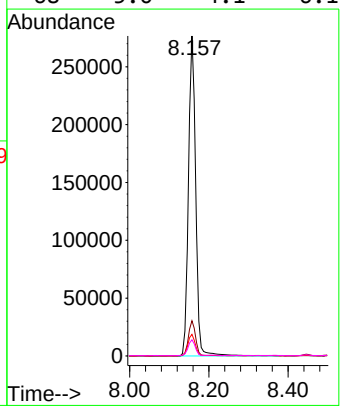


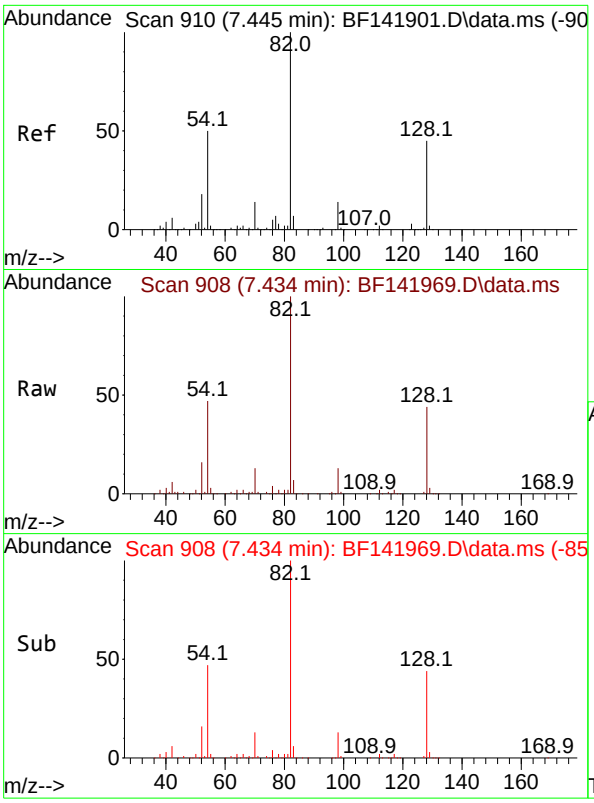


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Tgt Ion:136 Resp: 352195

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.8	5.8	8.8
68	5.0	4.1	6.1



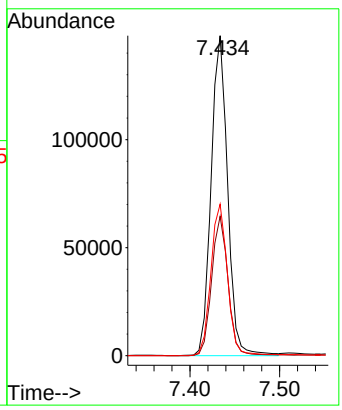


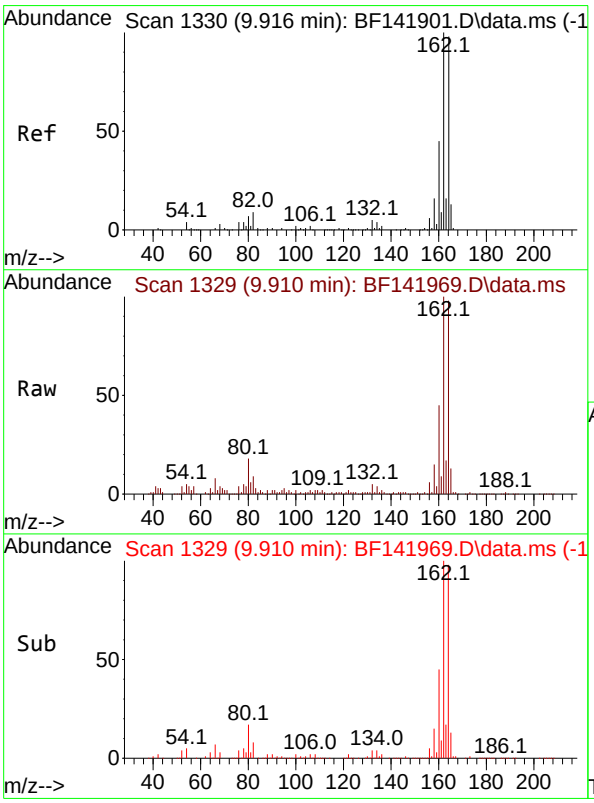
#23
Nitrobenzene-d5
Concen: 30.222 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Instrument :
BNA_F
ClientSampleId :
JC-03-03132025

Tgt Ion: 82 Resp: 189142

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.0	54.0
54	47.4	39.6	59.4

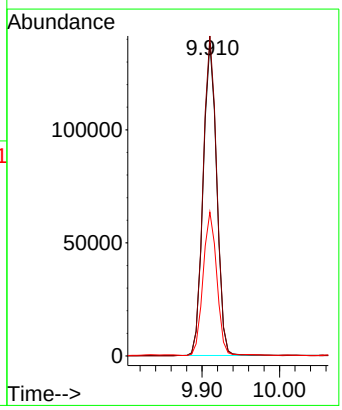


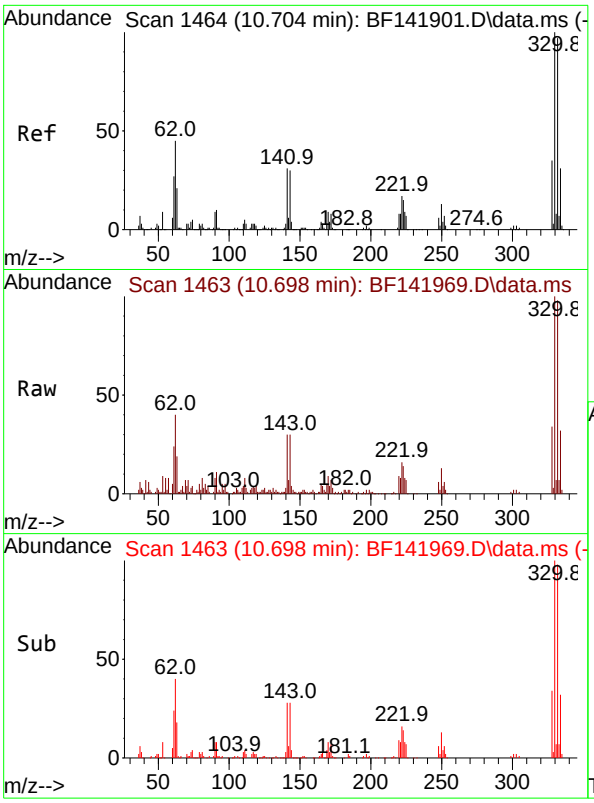


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Tgt Ion:164 Resp: 167899

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.6
160	45.9	36.7	55.1



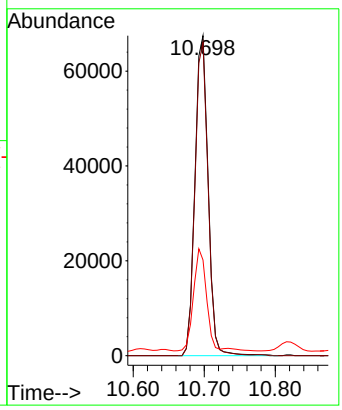


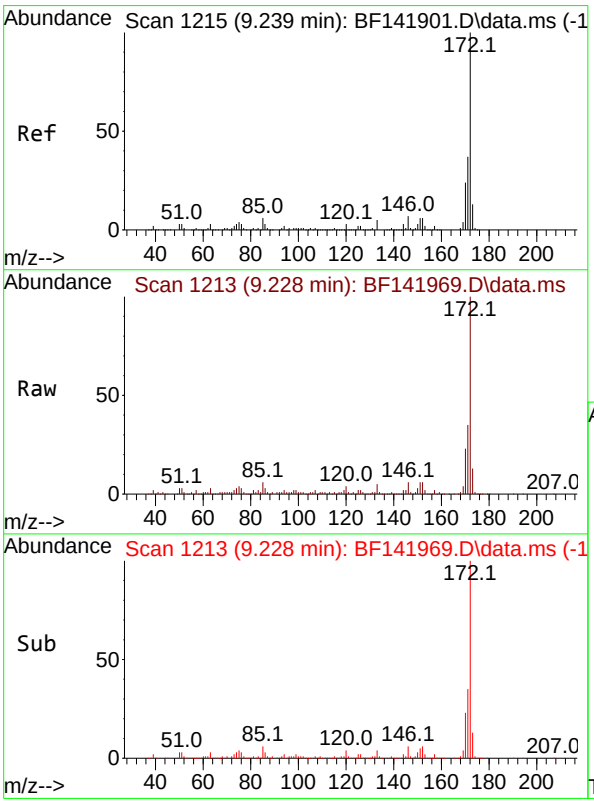
#42
2,4,6-Tribromophenol
Concen: 41.081 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Instrument :
BNA_F
ClientSampleId :
JC-03-03132025

Tgt Ion:330 Resp: 87503

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.6	116.4
141	31.2	24.7	37.1

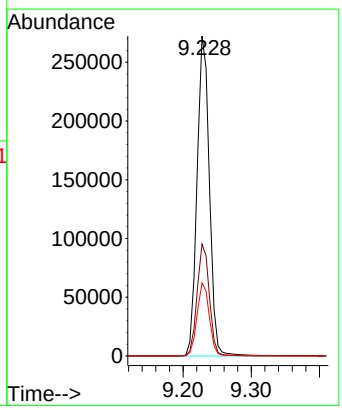


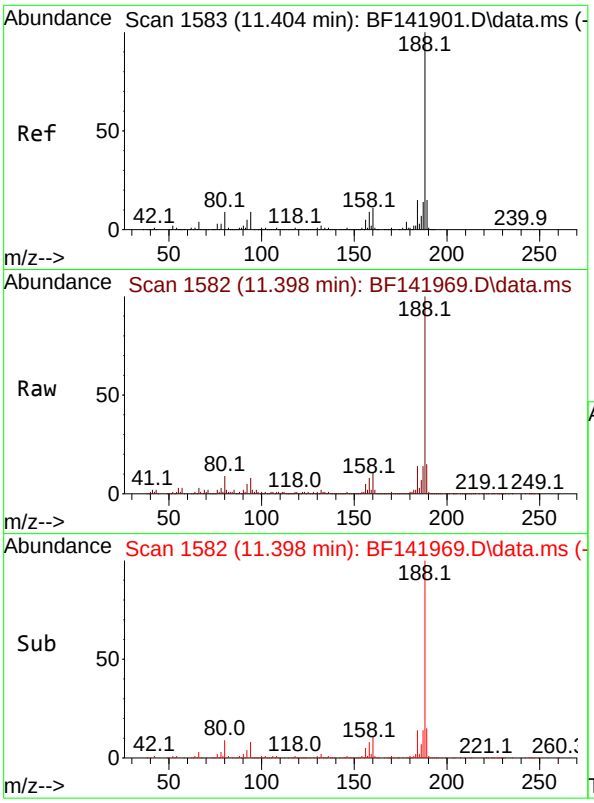


#45
2-Fluorobiphenyl
Concen: 31.045 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Tgt Ion:172 Resp: 342742

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.3	43.9
170	22.8	19.4	29.0



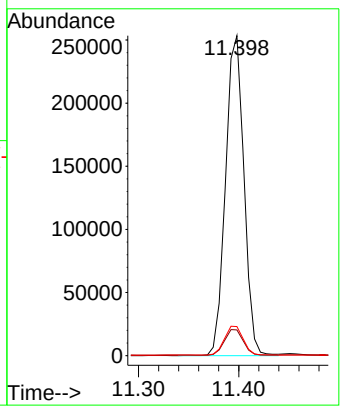


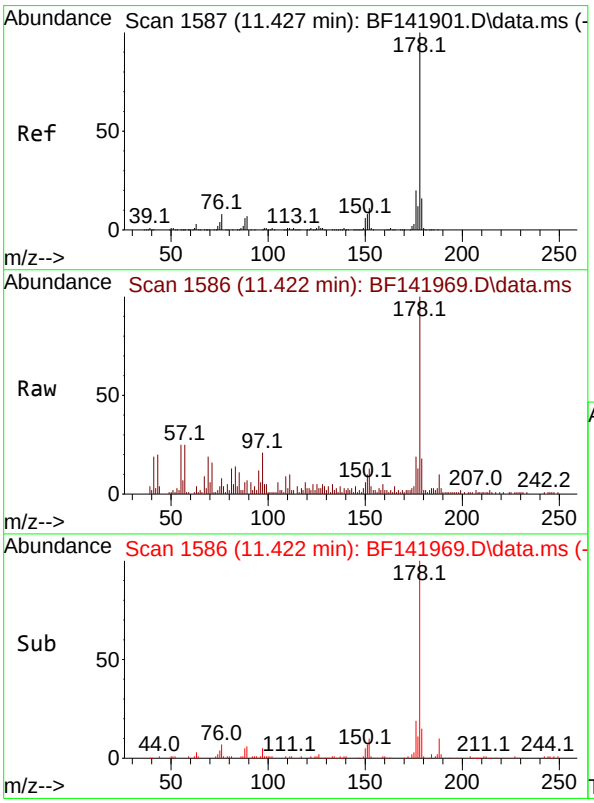
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Instrument :
BNA_F
ClientSampleId :
JC-03-03132025

Tgt Ion:188 Resp: 323335

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.8	10.2
80	9.1	7.6	11.4

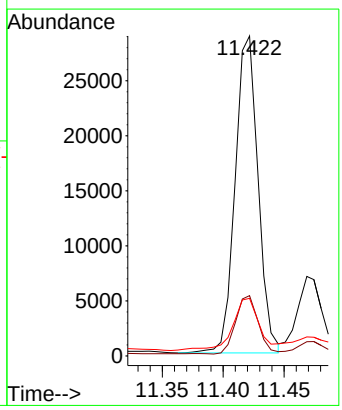


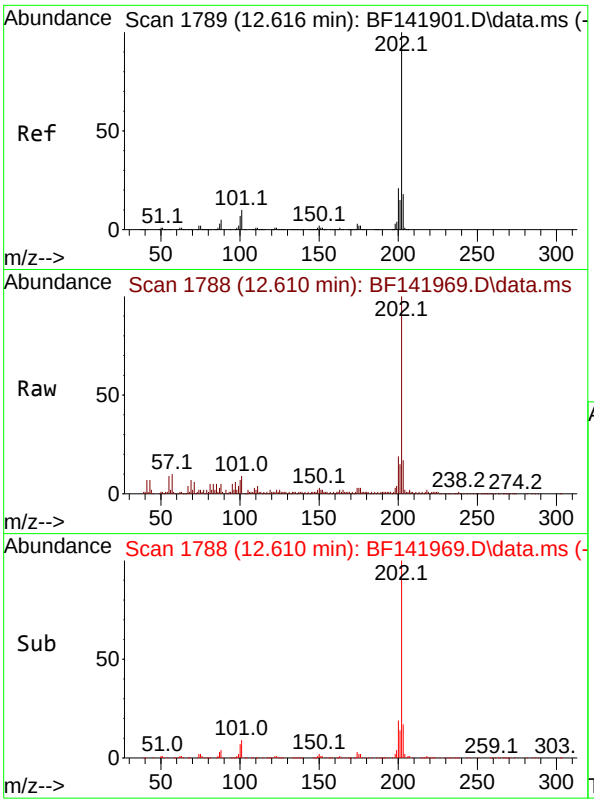


#71
Phenanthrene
Concen: 2.157 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Tgt Ion:178 Resp: 37663

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	18.0	12.6	19.0



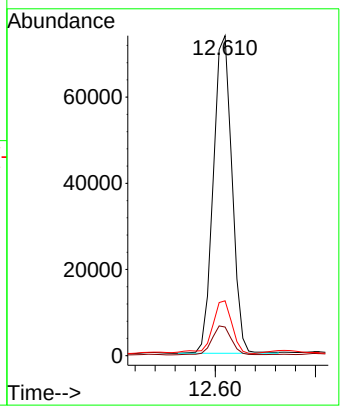


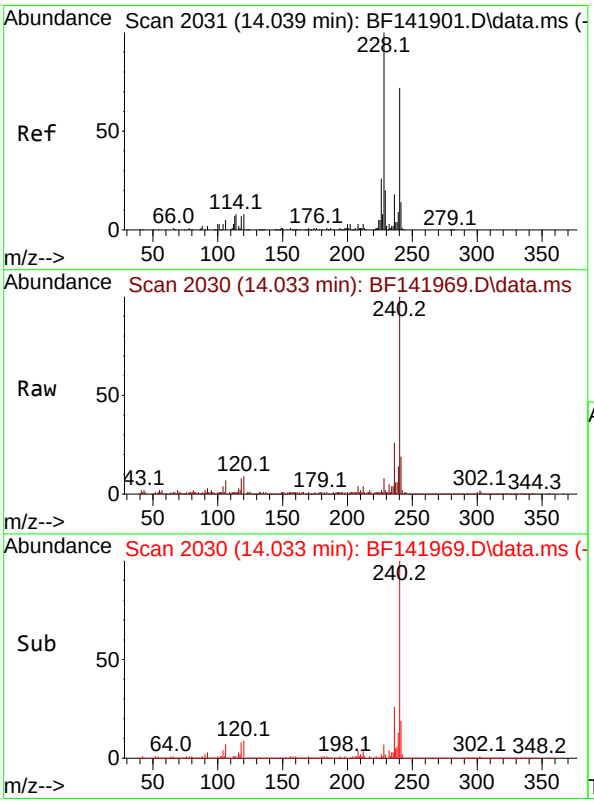
#75
Fluoranthene
Concen: 5.142 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Instrument :
BNA_F
ClientSampleId :
JC-03-03132025

Tgt Ion:202 Resp: 95253

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	29.7
203	17.2	0.0	37.8

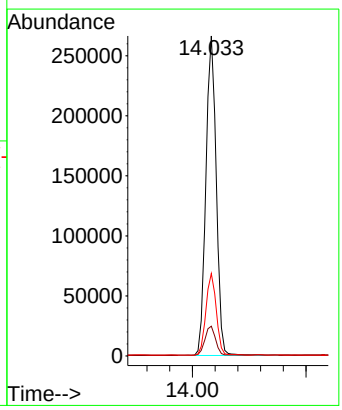


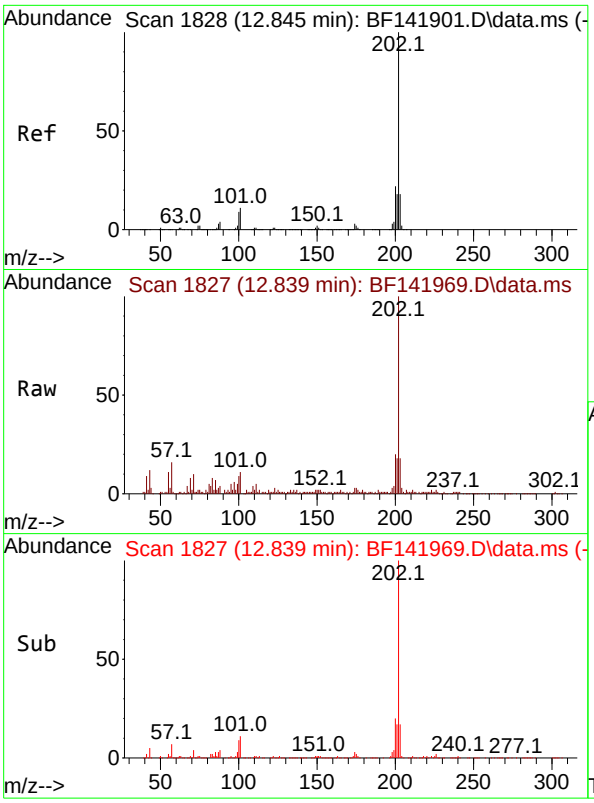


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Tgt Ion:240 Resp: 334741

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.4	12.6
236	25.8	20.5	30.7



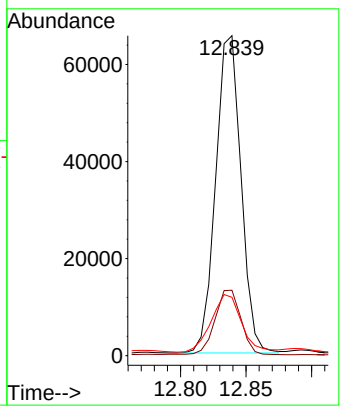


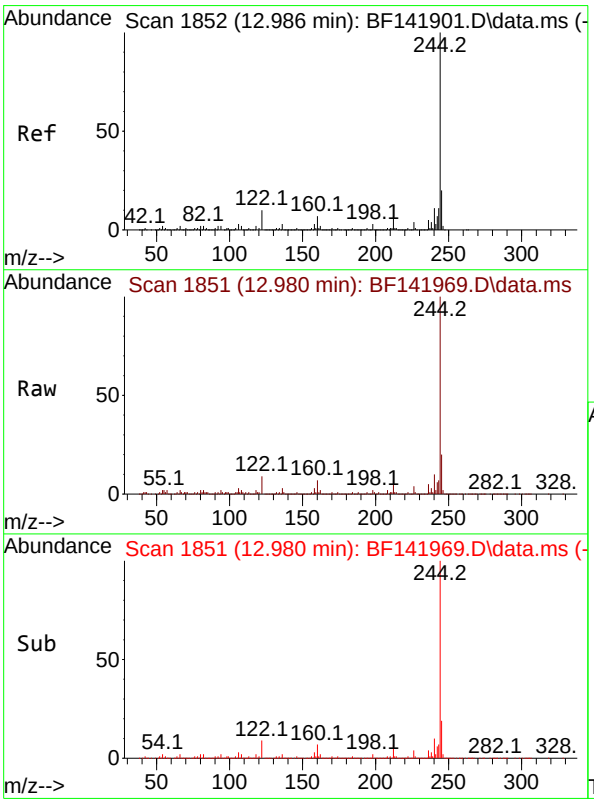
#78
Pyrene
Concen: 3.035 ng
RT: 12.839 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Instrument :
BNA_F
ClientSampleId :
JC-03-03132025

Tgt Ion:202 Resp: 87893

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.3	25.9
203	18.2	14.4	21.6

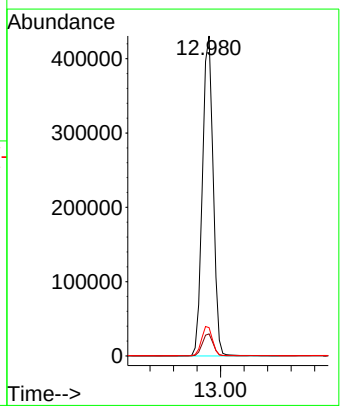


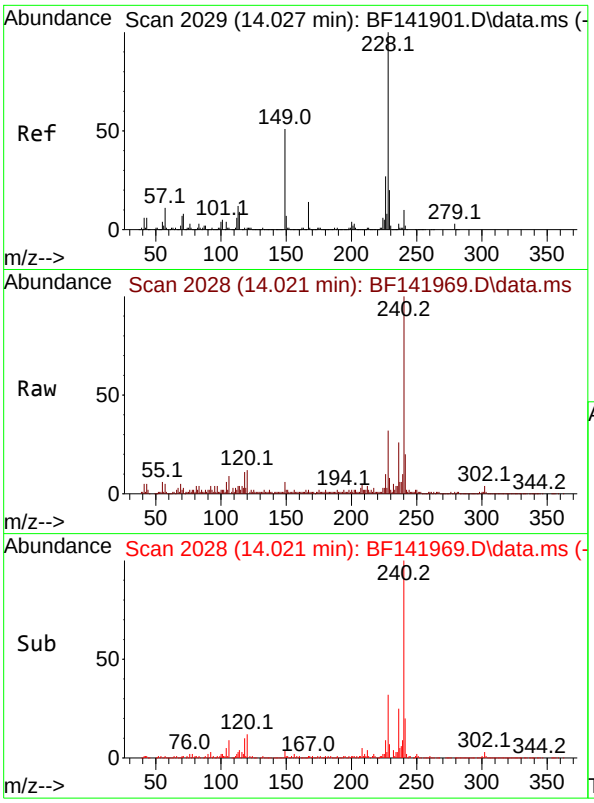


#79
Terphenyl-d14
Concen: 24.178 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Tgt Ion:244 Resp: 547420

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	8.9	7.7	11.5



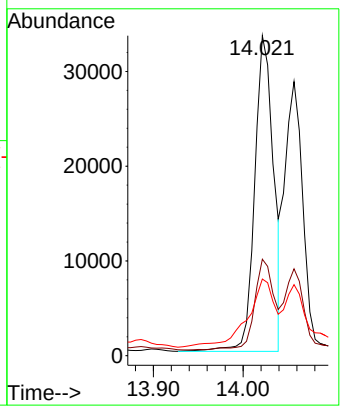


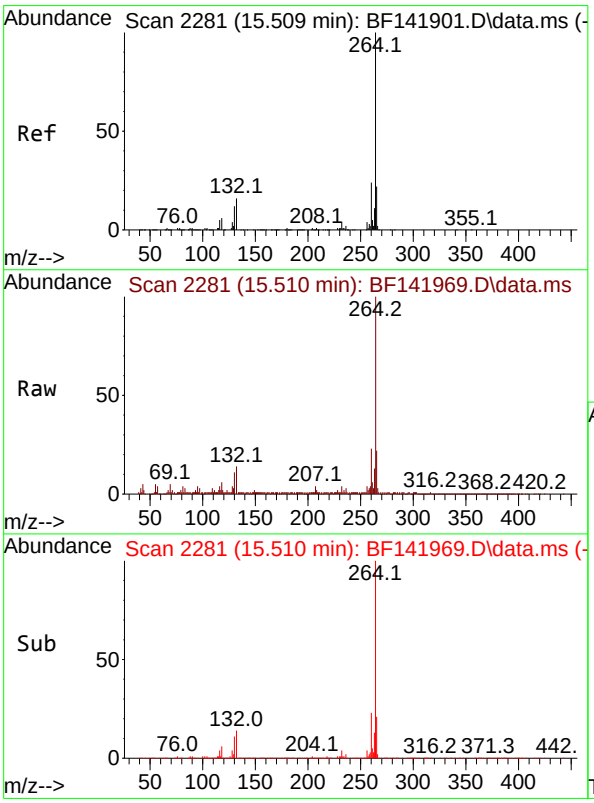
#81
Benzo(a)anthracene
Concen: 2.226 ng
RT: 14.021 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Instrument :
BNA_F
ClientSampleId :
JC-03-03132025

Tgt Ion:228 Resp: 48899

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.8	32.8
229	24.0	16.0	24.0

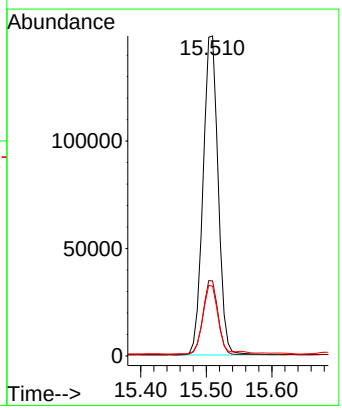


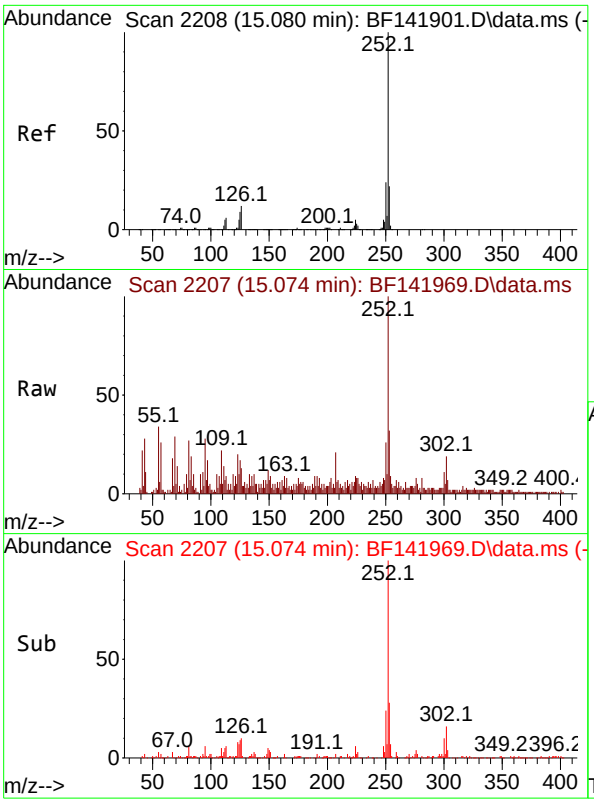


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Tgt Ion:264 Resp: 238605

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.8	17.5	26.3



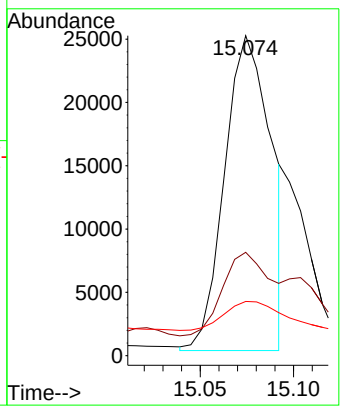


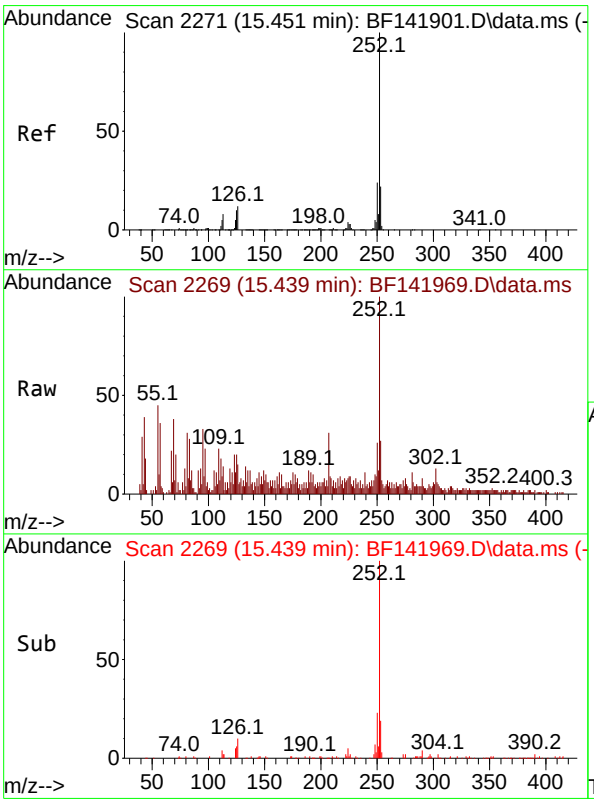
#88
Benzo(b)fluoranthene
Concen: 2.639 ng m
RT: 15.074 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Instrument :
BNA_F
ClientSampleId :
JC-03-03132025

Tgt Ion:252 Resp: 43157

Ion	Ratio	Lower	Upper
252	100		
253	32.3	17.5	26.3#
125	16.9	7.0	10.4#





#90
Benzo(a)pyrene
Concen: 2.060 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.012 min
Lab File: BF141969.D
Acq: 14 Mar 2025 17:07

Tgt Ion:252 Resp: 26362

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.4	26.0#
125	19.7	7.8	11.8#