Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141196.D
Acq On : 17 Jan 2025 16:48
Operator : RC/JU
Sample : Q1103-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-241

Quant Time: Jan 17 17:09:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	200999	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	789580	20.000	ng	-0.01
39) Acenaphthene-d10	9.839	164	418256	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	620970	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	384766	20.000	ng	-0.02
86) Perylene-d12	15.421	264	408019	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	991866	76.231	ng	0.00
7) Phenol-d6	6.434	99	1244524	75.510	ng	-0.01
23) Nitrobenzene-d5	7.369	82	801125	53.784	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	357411	74.996	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1491833	54.467	ng	-0.02
79) Terphenyl-d14	12.916	244	1183429	45.714	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.351	178	133346	4.000	ng	98
75) Fluoranthene	12.539	202	756552	22.741	ng	99
78) Pyrene	12.769	202	608325	16.553	ng	100
81) Benzo(a)anthracene	13.957	228	168591	6.438	ng	93
83) Chrysene	13.992	228	284984	11.631	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	32577	2.216	ng	97
87) Indeno(1,2,3-cd)pyrene	16.851	276	61617	2.061	ng	96
88) Benzo(b)fluoranthene	14.998	252	360505m	13.702	ng	
89) Benzo(k)fluoranthene	15.016	252	119541m	5.376	ng	
90) Benzo(a)pyrene	15.357	252	135569	6.245	ng	99
92) Benzo(g,h,i)perylene	17.286	276	51229	2.037	ng	95

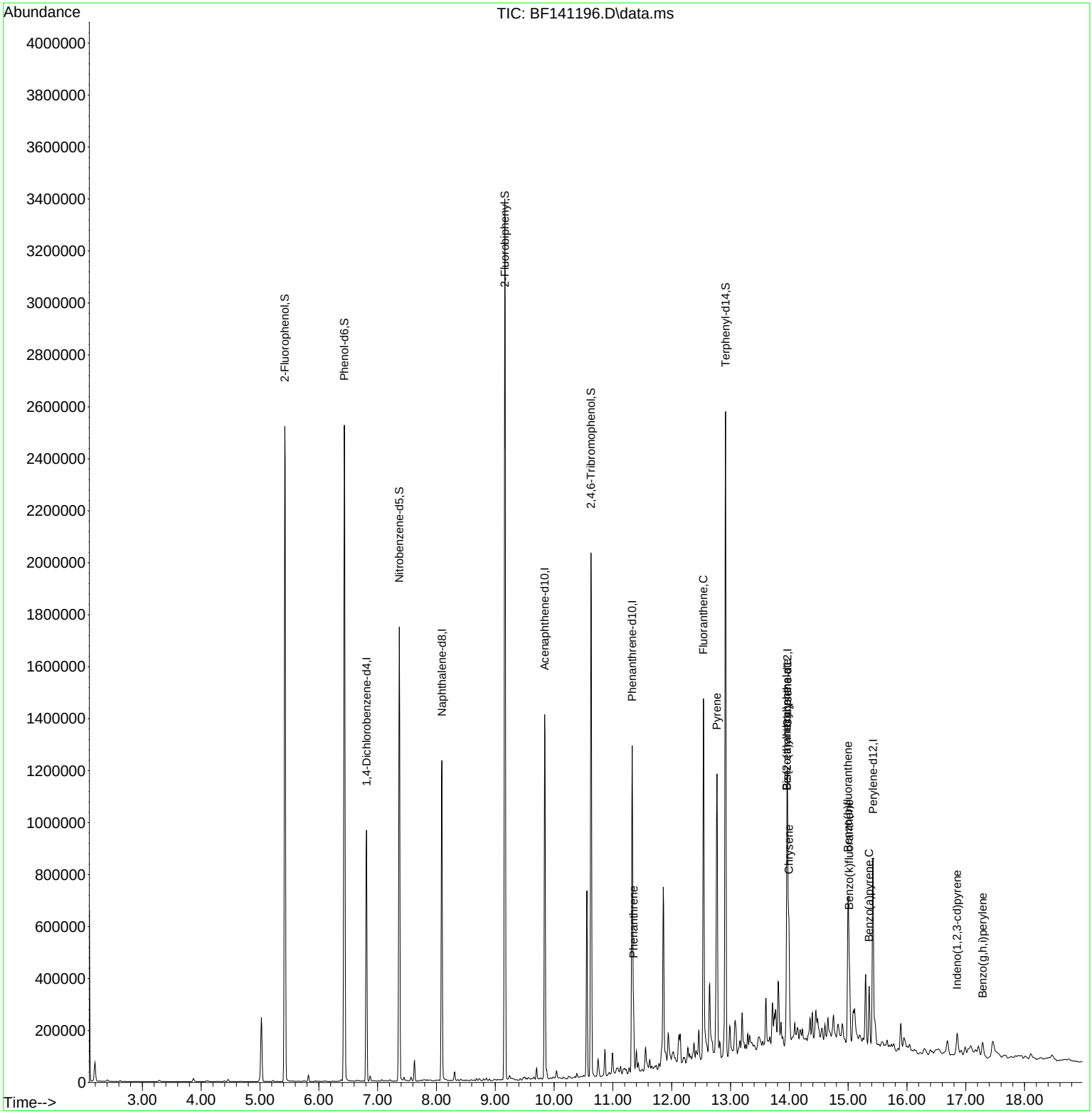
(#) = qualifier out of range (m) = manual integration (+) = signals summed

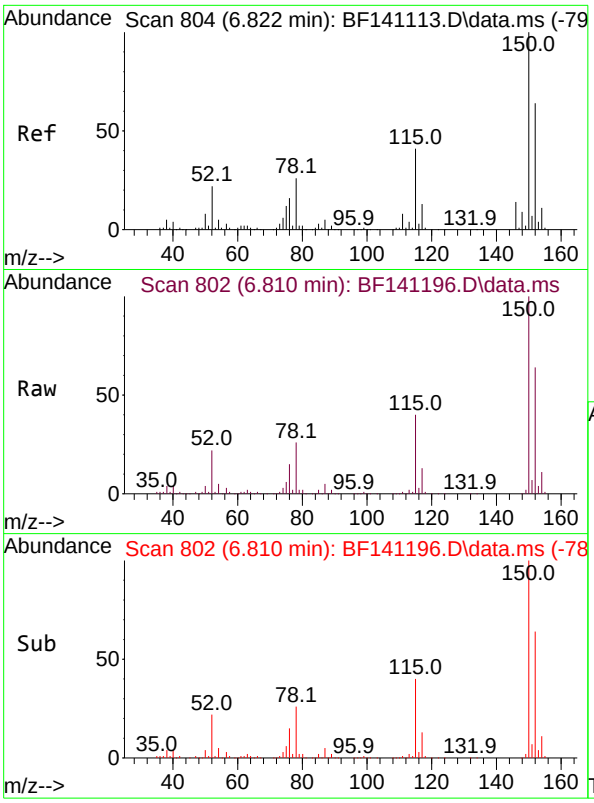
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
Data File : BF141196.D
Acq On : 17 Jan 2025 16:48
Operator : RC/JU
Sample : Q1103-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-241

Quant Time: Jan 17 17:09:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



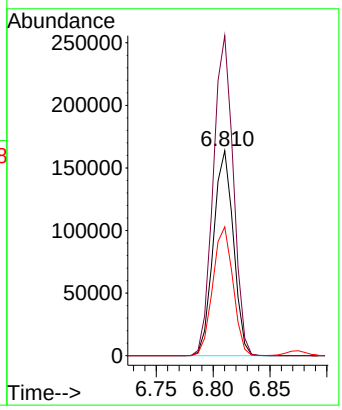


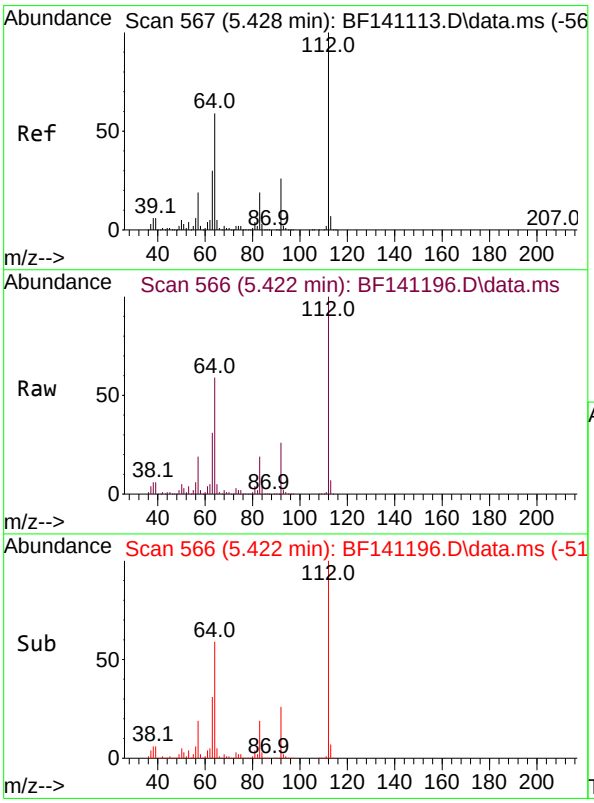
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Instrument :
BNA_F
ClientSampleId :
VNJ-241

Tgt Ion:152 Resp: 200999

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.8	188.8
115	62.8	51.4	77.2

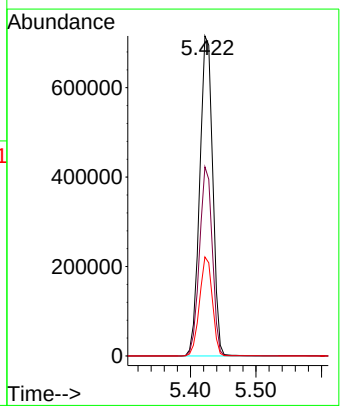


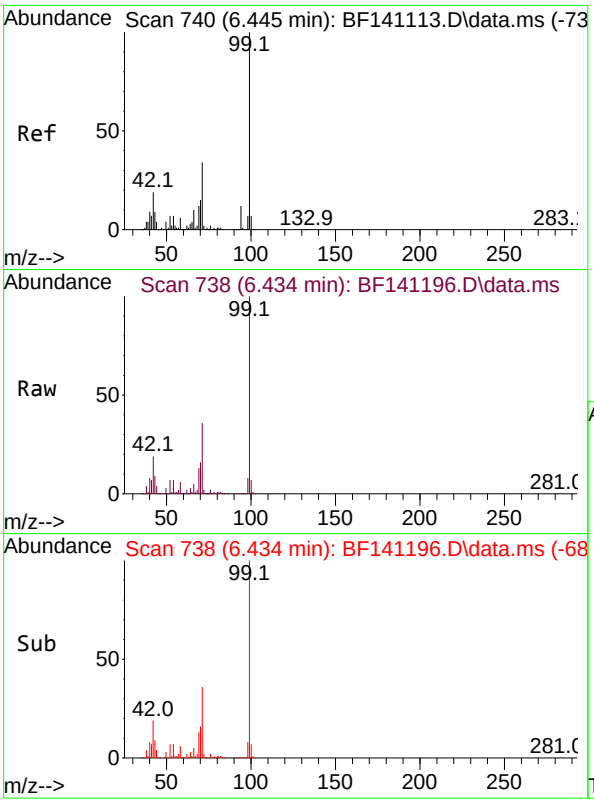


#5
2-Fluorophenol
Concen: 76.231 ng
RT: 5.422 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Tgt Ion:112 Resp: 991866

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.3	70.9
63	31.0	24.2	36.2



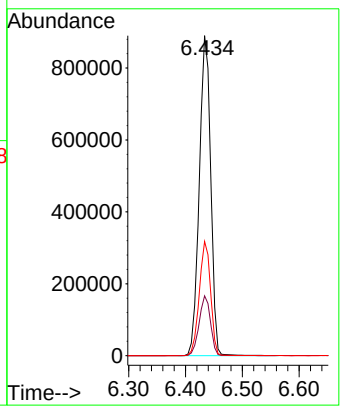


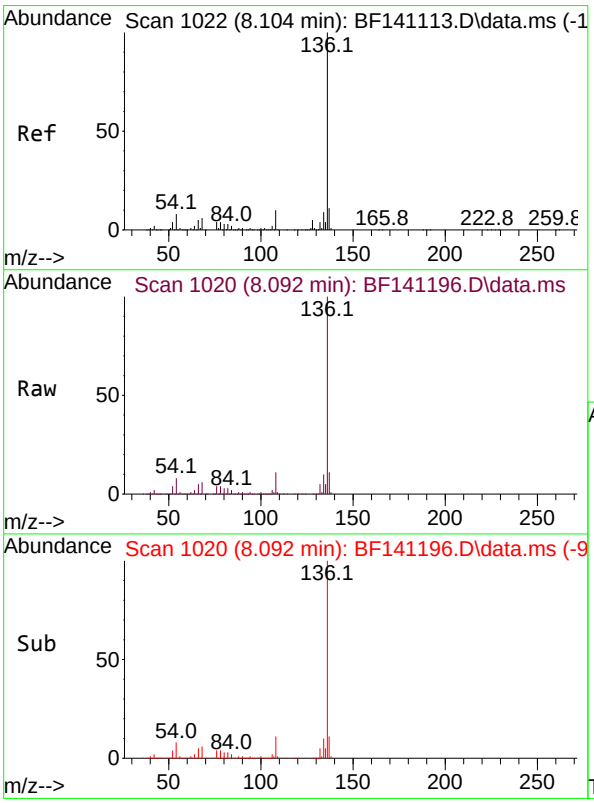
#7
Phenol-d6
Concen: 75.510 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Instrument :
BNA_F
ClientSampleId :
VNJ-241

Tgt Ion: 99 Resp: 1244524

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	35.7	27.6	41.4

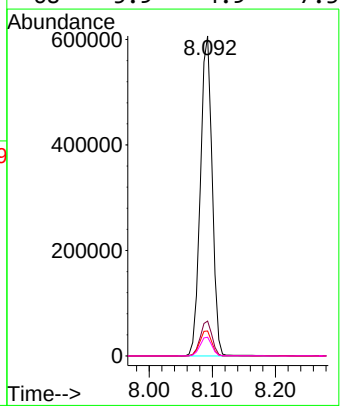


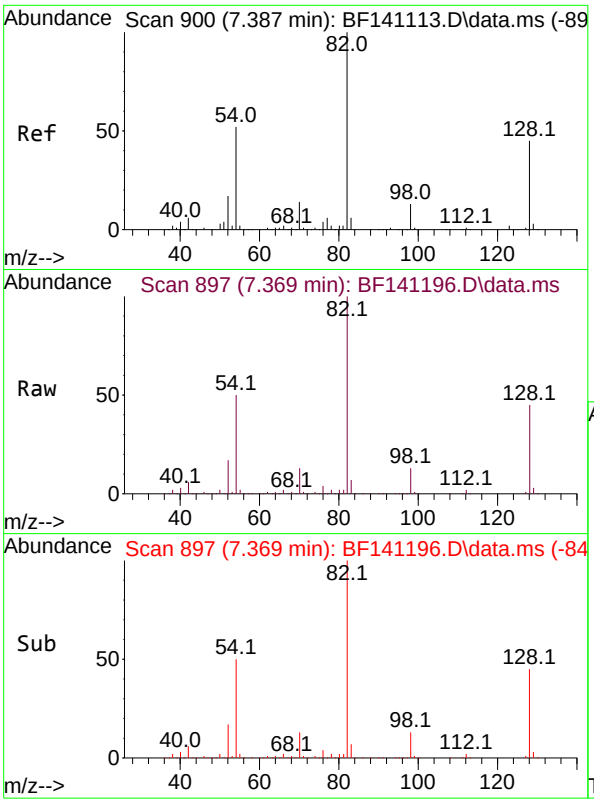


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Tgt Ion:136 Resp: 789580

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.8	6.3	9.5
68	5.9	4.9	7.3



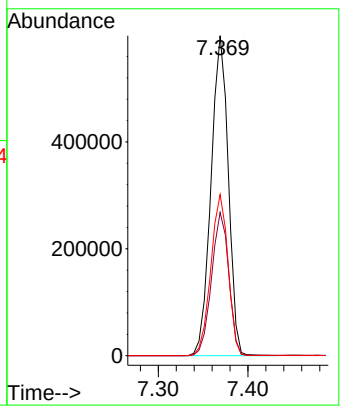


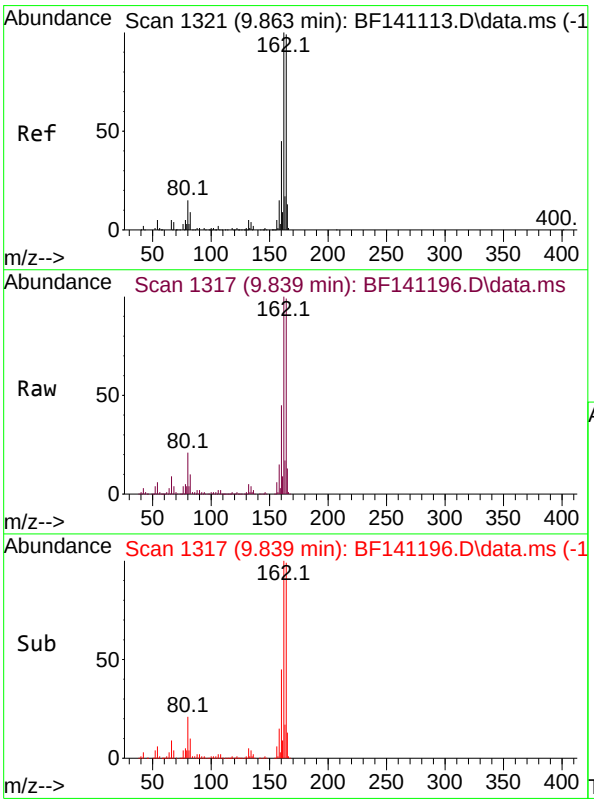
#23
Nitrobenzene-d5
Concen: 53.784 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Instrument :
BNA_F
ClientSampleId :
VNJ-241

Tgt Ion: 82 Resp: 801125

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	50.3	41.0	61.4

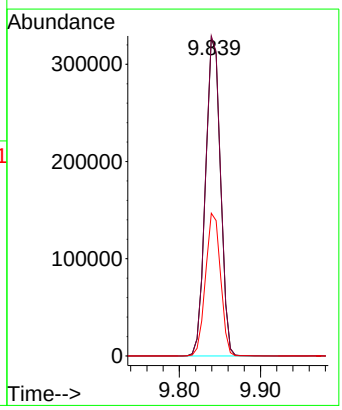


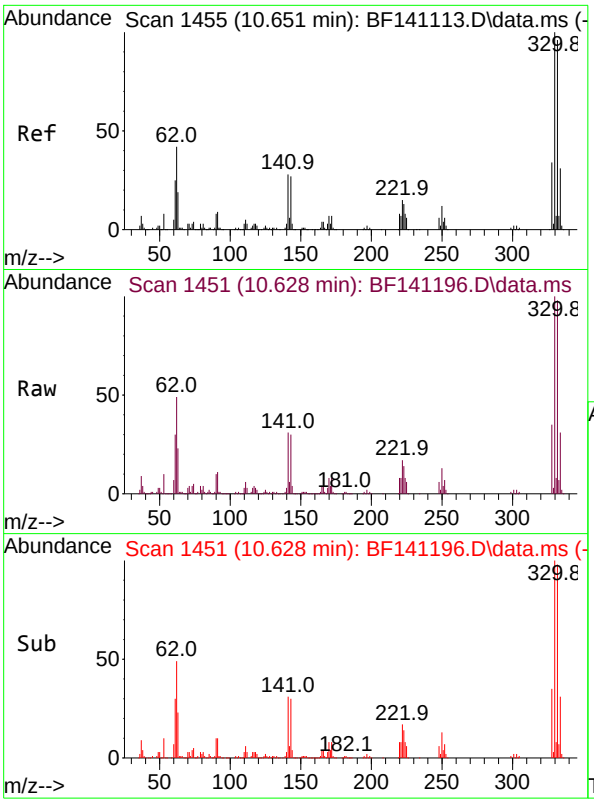


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.024 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Tgt Ion:164 Resp: 418256

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.0	121.4
160	44.9	36.1	54.1



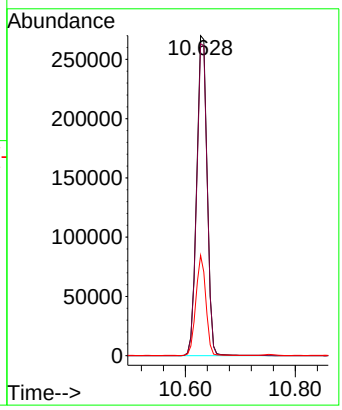


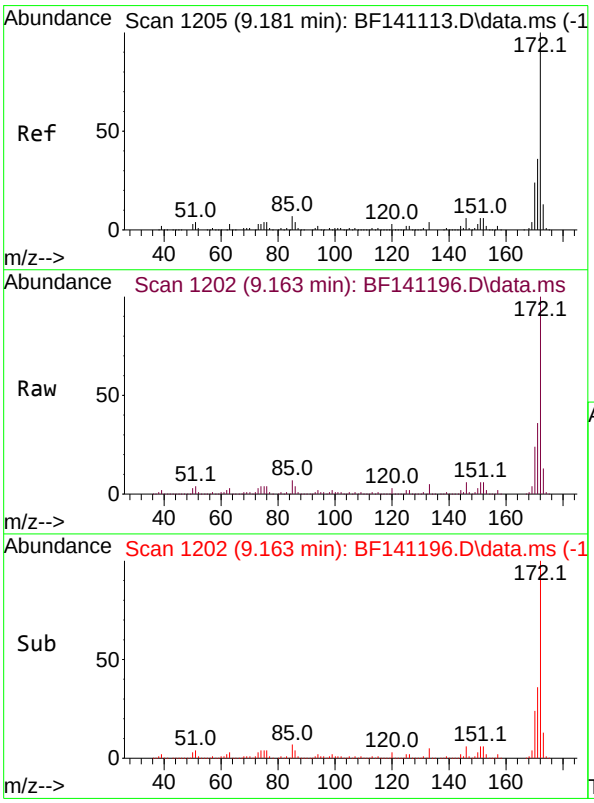
#42
2,4,6-Tribromophenol
Concen: 74.996 ng
RT: 10.628 min Scan# 14
Delta R.T. -0.024 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Instrument :
BNA_F
ClientSampleId :
VNJ-241

Tgt Ion:330 Resp: 357411

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.9	115.3
141	29.8	25.2	37.8

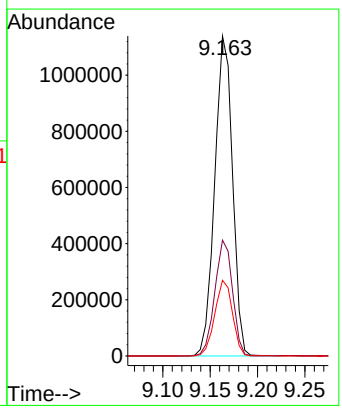


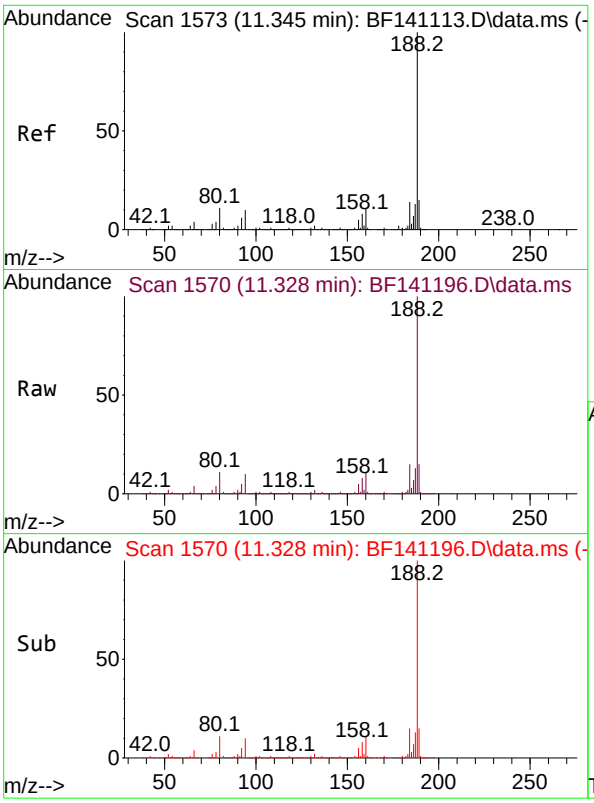


#45
2-Fluorobiphenyl
Concen: 54.467 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Tgt Ion:172 Resp: 1491833

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.7	43.1
170	23.6	19.0	28.6



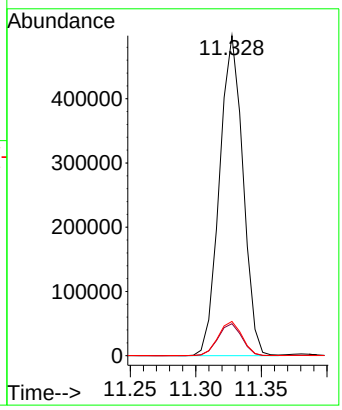


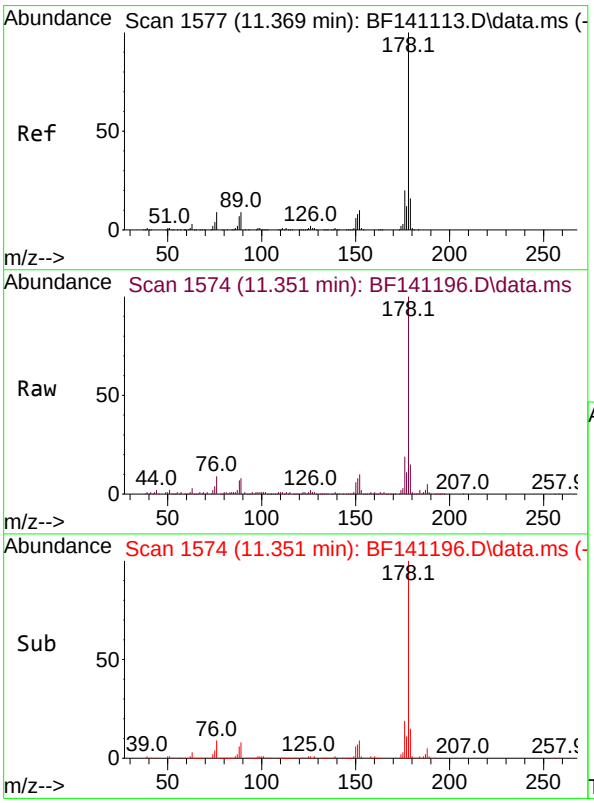
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Instrument :
BNA_F
ClientSampleId :
VNJ-241

Tgt Ion:188 Resp: 620970

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.3	12.5
80	10.7	9.0	13.4

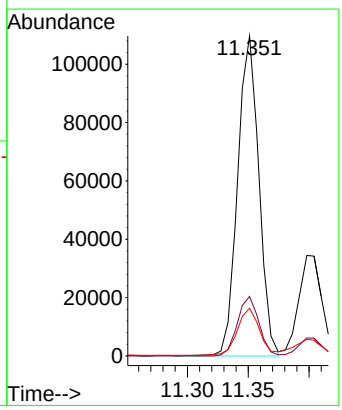


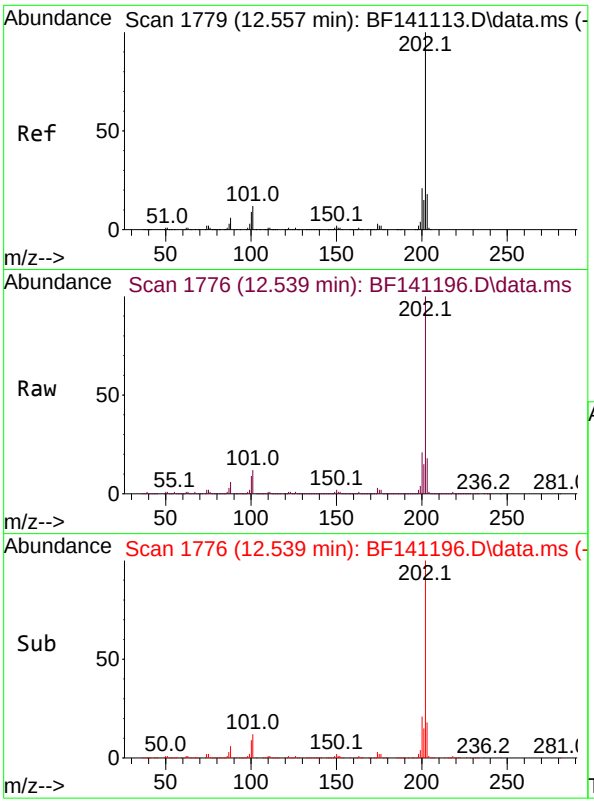


#71
Phenanthrene
Concen: 4.000 ng
RT: 11.351 min Scan# 1574
Delta R.T. -0.018 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Tgt Ion:178 Resp: 133346

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	14.9	12.6	19.0



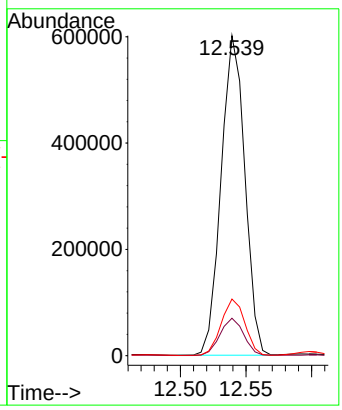


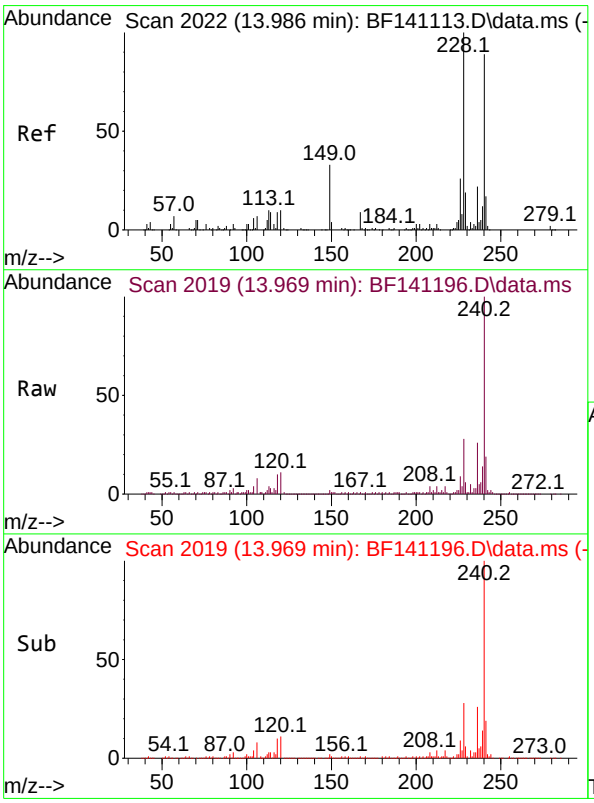
#75
Fluoranthene
Concen: 22.741 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Instrument :
BNA_F
ClientSampleId :
VNJ-241

Tgt Ion:202 Resp: 756552

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.3
203	17.7	0.0	37.7

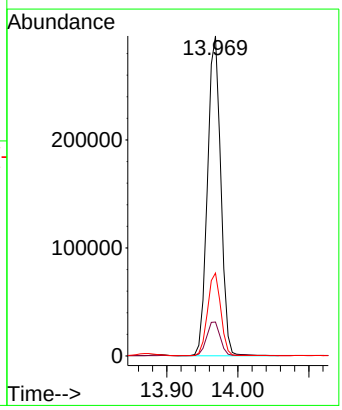


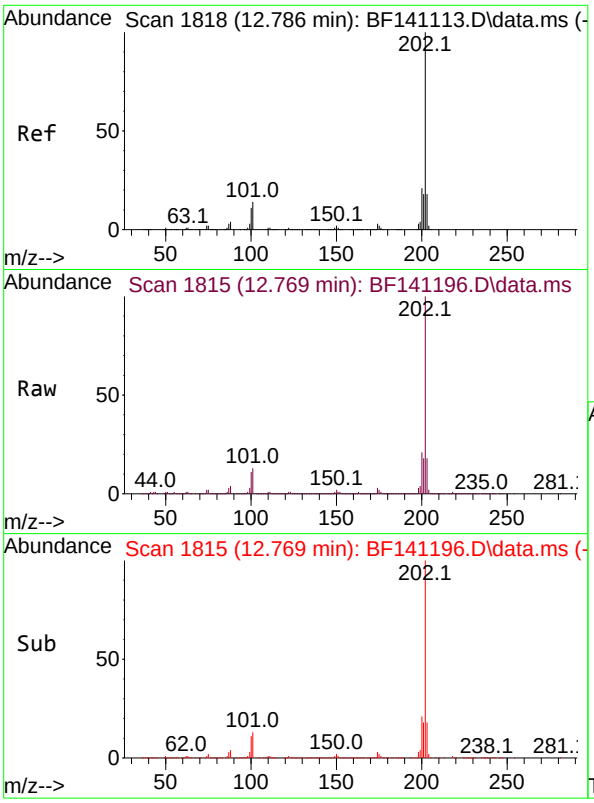


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Tgt Ion:240 Resp: 384766

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.1	13.7
236	25.9	19.8	29.6



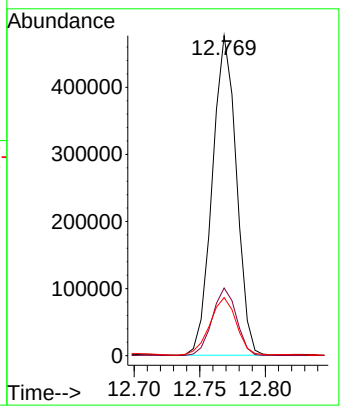


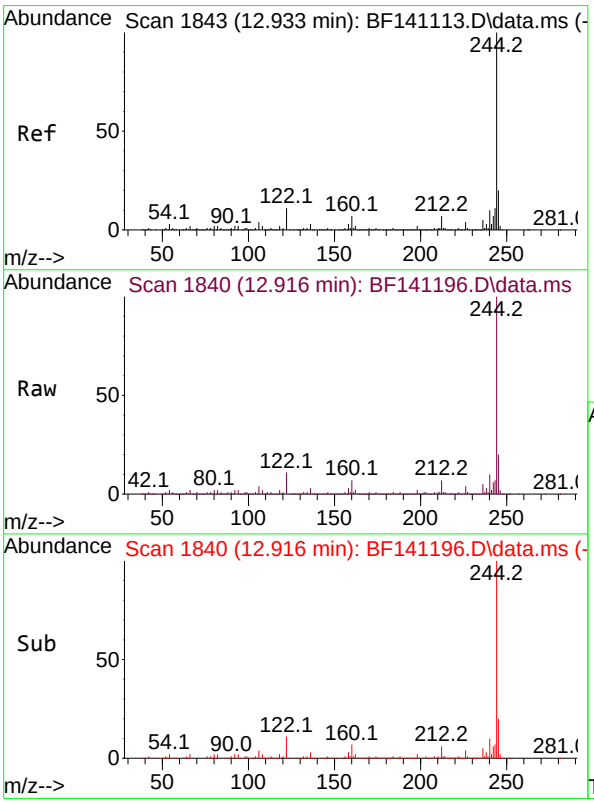
#78
Pyrene
Concen: 16.553 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Instrument :
BNA_F
ClientSampleId :
VNJ-241

Tgt Ion:202 Resp: 608325

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	18.2	14.3	21.5

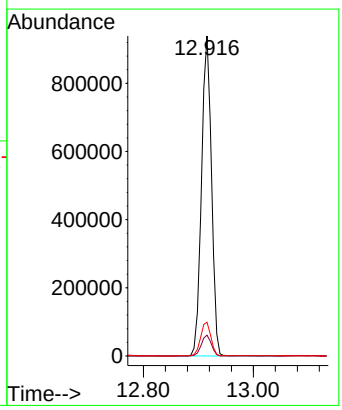


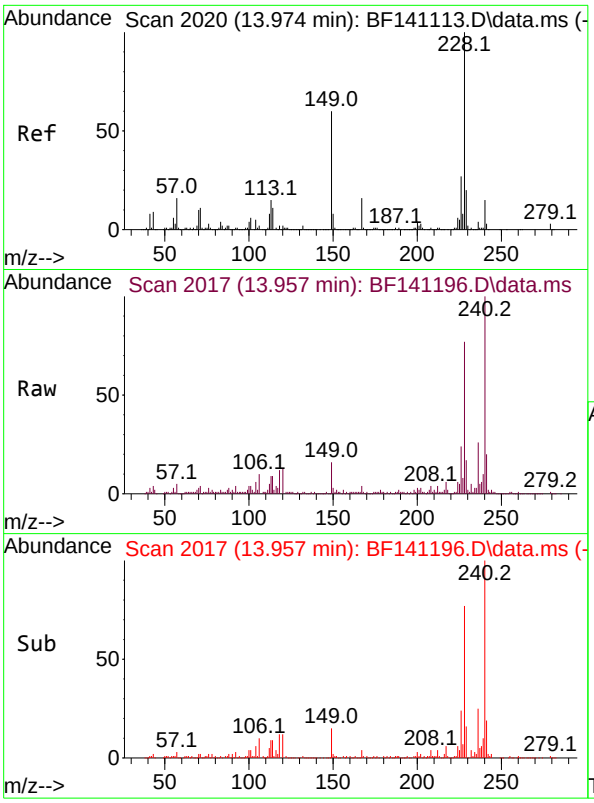


#79
Terphenyl-d14
Concen: 45.714 ng
RT: 12.916 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Tgt Ion:244 Resp: 1183429

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	10.6	8.8	13.2



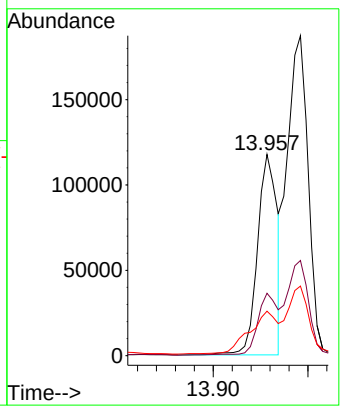


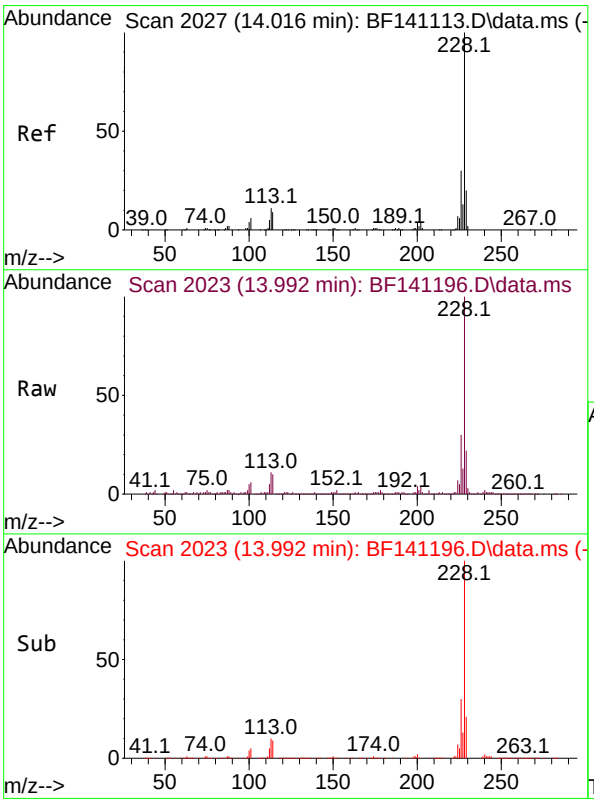
#81
Benzo(a)anthracene
Concen: 6.438 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Instrument :
BNA_F
ClientSampleId :
VNJ-241

Tgt Ion:228 Resp: 168591

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.7	32.5
229	22.1	15.7	23.5

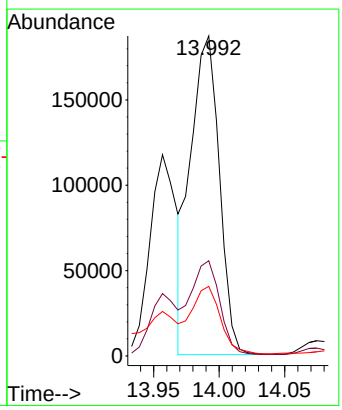


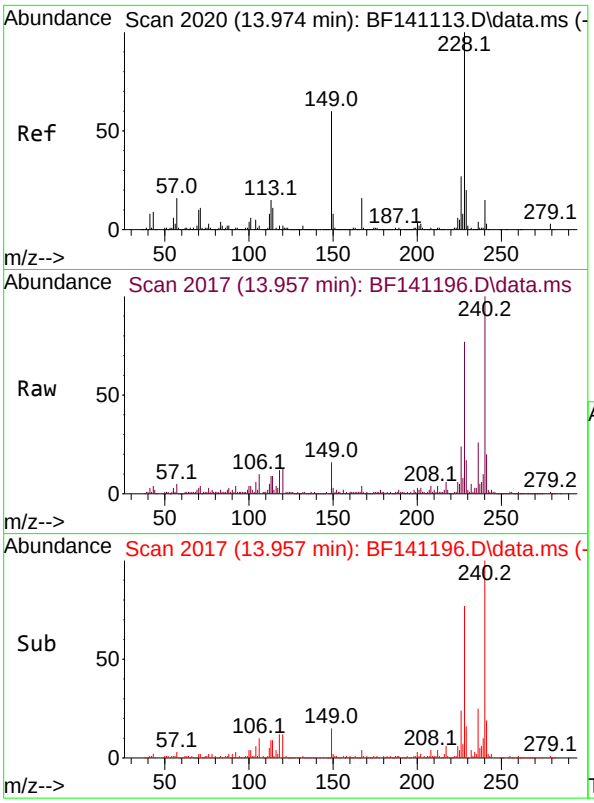


#83
Chrysene
Concen: 11.631 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.023 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Tgt Ion:228 Resp: 284984

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	21.7	15.8	23.8



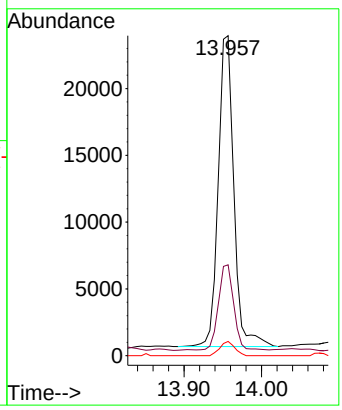


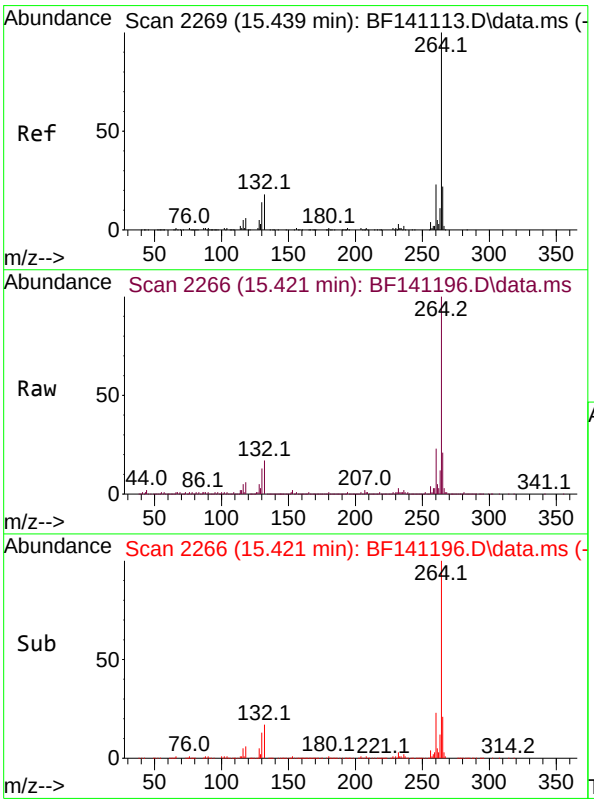
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.216 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Instrument :
BNA_F
ClientSampleId :
VNJ-241

Tgt Ion:149 Resp: 32577

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.4	32.2
279	4.4	3.4	5.2

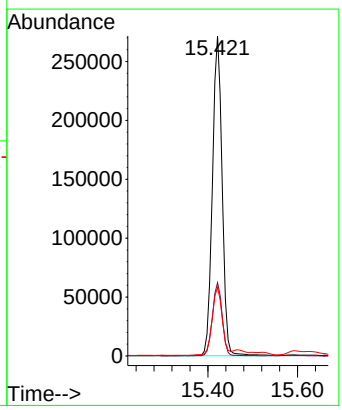


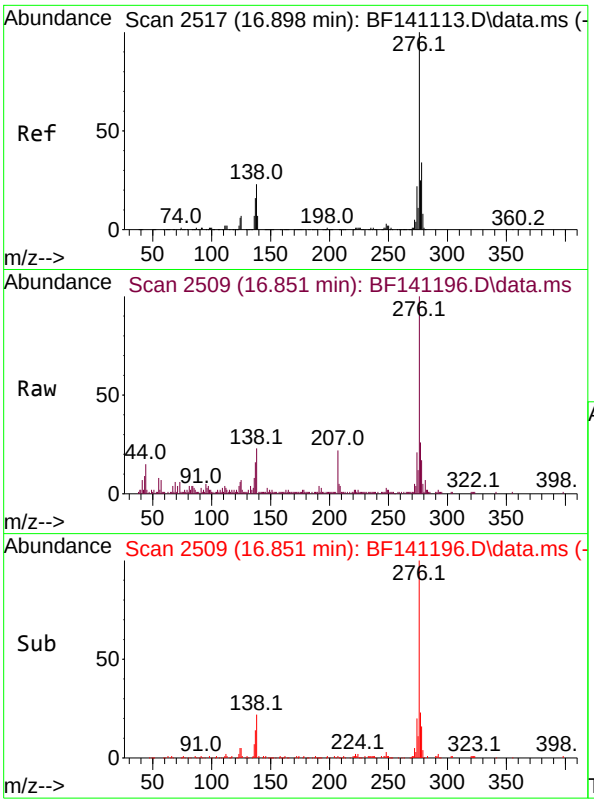


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Tgt Ion:264 Resp: 408019

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.4	17.4	26.0



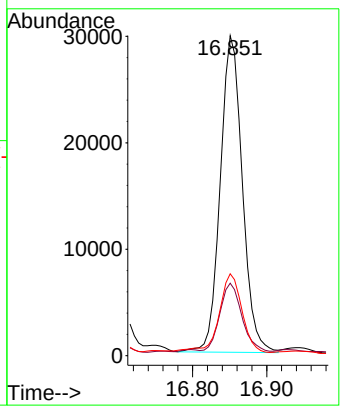


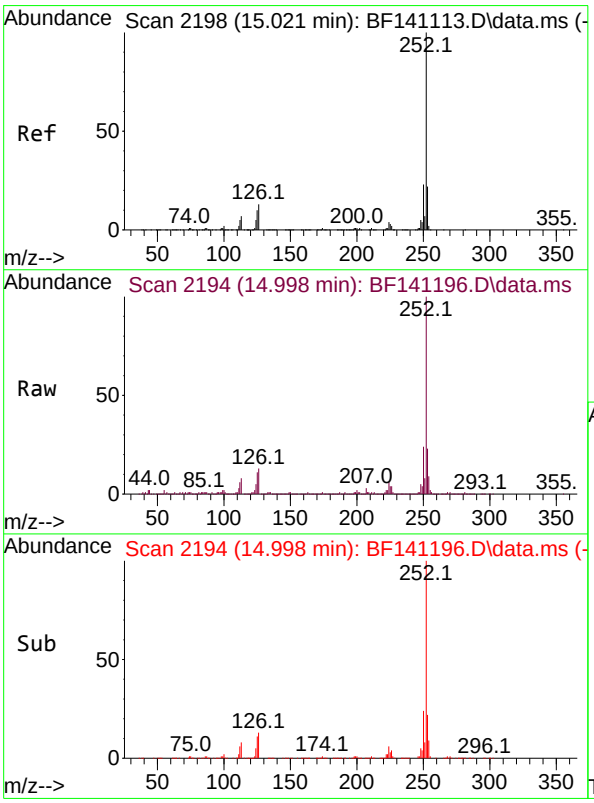
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.061 ng
RT: 16.851 min Scan# 2
Delta R.T. -0.047 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Instrument :
BNA_F
ClientSampleId :
VNJ-241

Tgt Ion:276 Resp: 61617

Ion	Ratio	Lower	Upper
276	100		
138	21.5	20.7	31.1
277	25.8	20.6	30.8

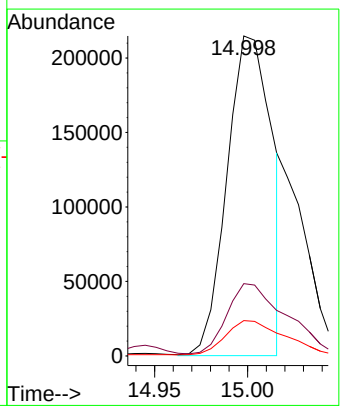


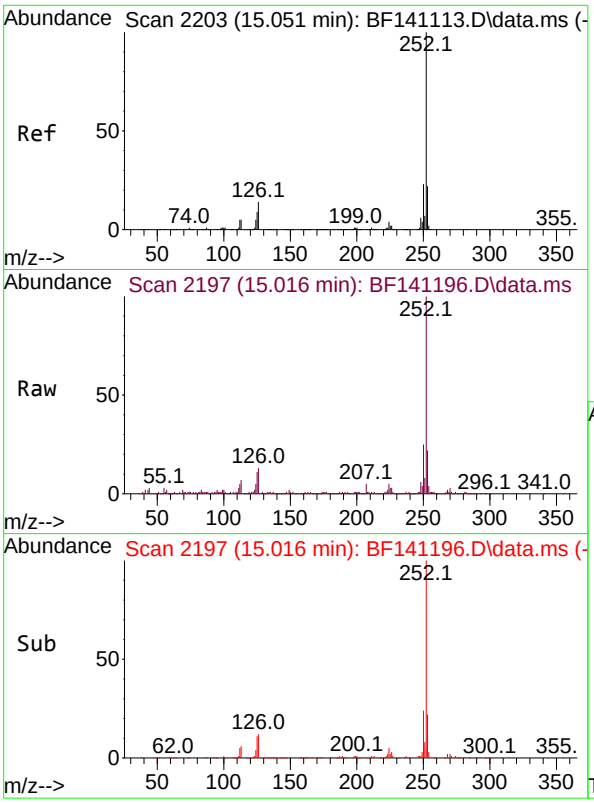


#88
Benzo(b)fluoranthene
Concen: 13.702 ng m
RT: 14.998 min Scan# 2194
Delta R.T. -0.024 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Tgt Ion:252 Resp: 360505

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	11.1	8.1	12.1



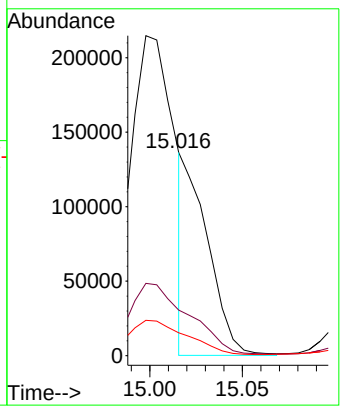


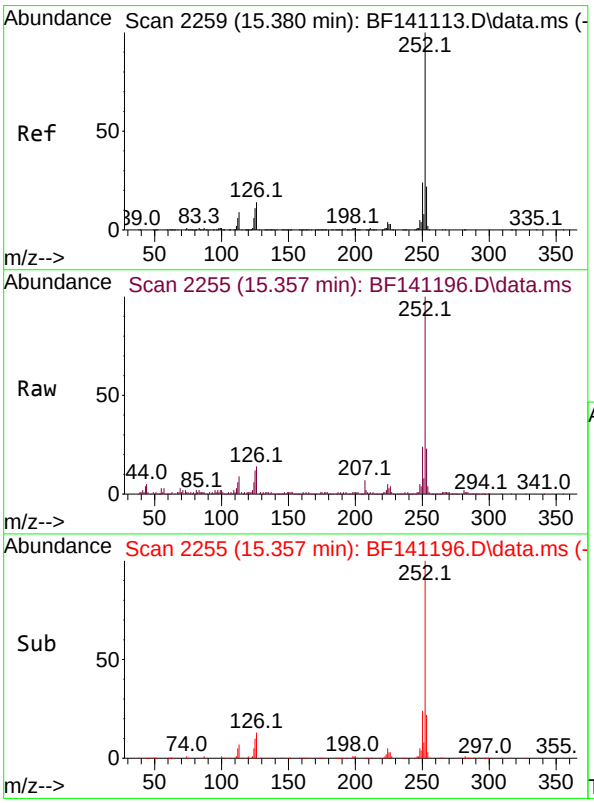
#89
Benzo(k)fluoranthene
Concen: 5.376 ng m
RT: 15.016 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Instrument :
BNA_F
ClientSampleId :
VNJ-241

Tgt Ion:252 Resp: 119541

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.3	7.9	11.9

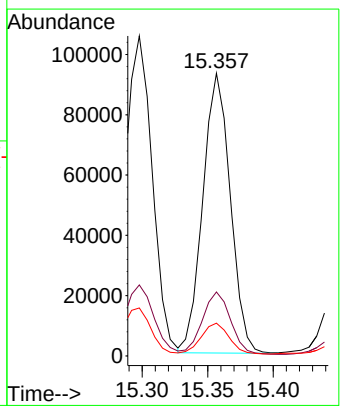


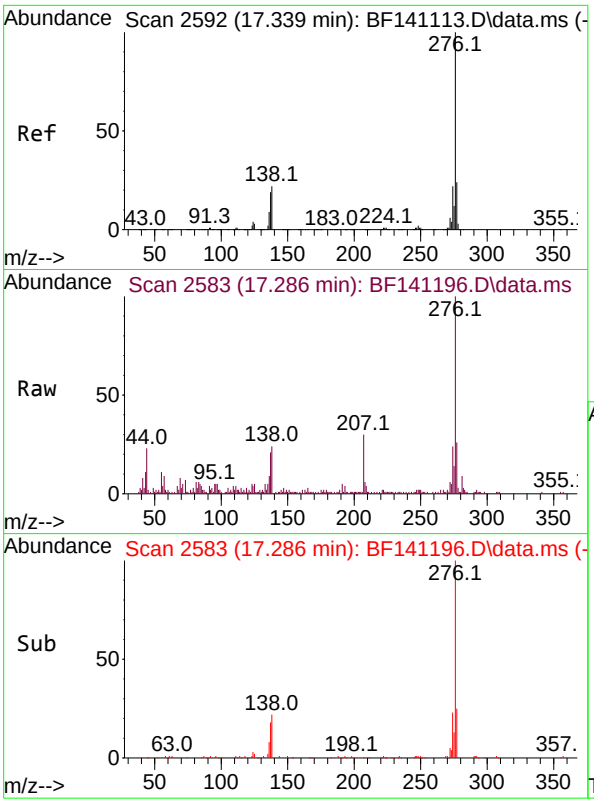


#90
Benzo(a)pyrene
Concen: 6.245 ng
RT: 15.357 min Scan# 2255
Delta R.T. -0.023 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Tgt Ion:252 Resp: 135569

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	11.6	9.1	13.7





#92
Benzo(g,h,i)perylene
Concen: 2.037 ng
RT: 17.286 min Scan# 2
Delta R.T. -0.053 min
Lab File: BF141196.D
Acq: 17 Jan 2025 16:48

Instrument :
BNA_F
ClientSampleId :
VNJ-241

Tgt Ion:276 Resp: 51229

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.0	28.4
138	23.9	17.4	26.2