Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141225.D
Acq On : 20 Jan 2025 16:24
Operator : RC/JU
Sample : Q1133-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-1172025

Quant Time: Jan 20 17:25:09 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	151384	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	551408	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	249752	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	353730	20.000	ng	-0.02
76) Chrysene-d12	13.969	240	309488	20.000	ng	-0.02
86) Perylene-d12	15.439	264	252186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	150862	15.395	ng	-0.01
7) Phenol-d6	6.434	99	205135	16.526	ng	-0.01
23) Nitrobenzene-d5	7.369	82	124159	11.936	ng	-0.02
42) 2,4,6-Tribromophenol	10.628	330	17418	6.121	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	240414	14.699	ng	-0.02
79) Terphenyl-d14	12.916	244	210011	10.086	ng	-0.02
Target Compounds						Qvalue
25) Isophorone	7.369	82	122277	6.878	ng	# 66
51) 2,6-Dinitrotoluene	9.845	165	32730	8.394	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	32726	6.513	ng	# 24
75) Fluoranthene	12.539	202	86682	4.574	ng	99
78) Pyrene	12.769	202	102150	3.456	ng	97
81) Benzo(a)anthracene	13.963	228	48451	2.300	ng	# 80
83) Chrysene	13.992	228	50732	2.574	ng	# 90
88) Benzo(b)fluoranthene	15.015	252	77775	4.783	ng	# 85
89) Benzo(k)fluoranthene	15.015	252	77775	5.659	ng	# 85
90) Benzo(a)pyrene	15.374	252	46873	3.494	ng	# 87
92) Benzo(g,h,i)perylene	17.315	276	33030	2.125	ng	# 89

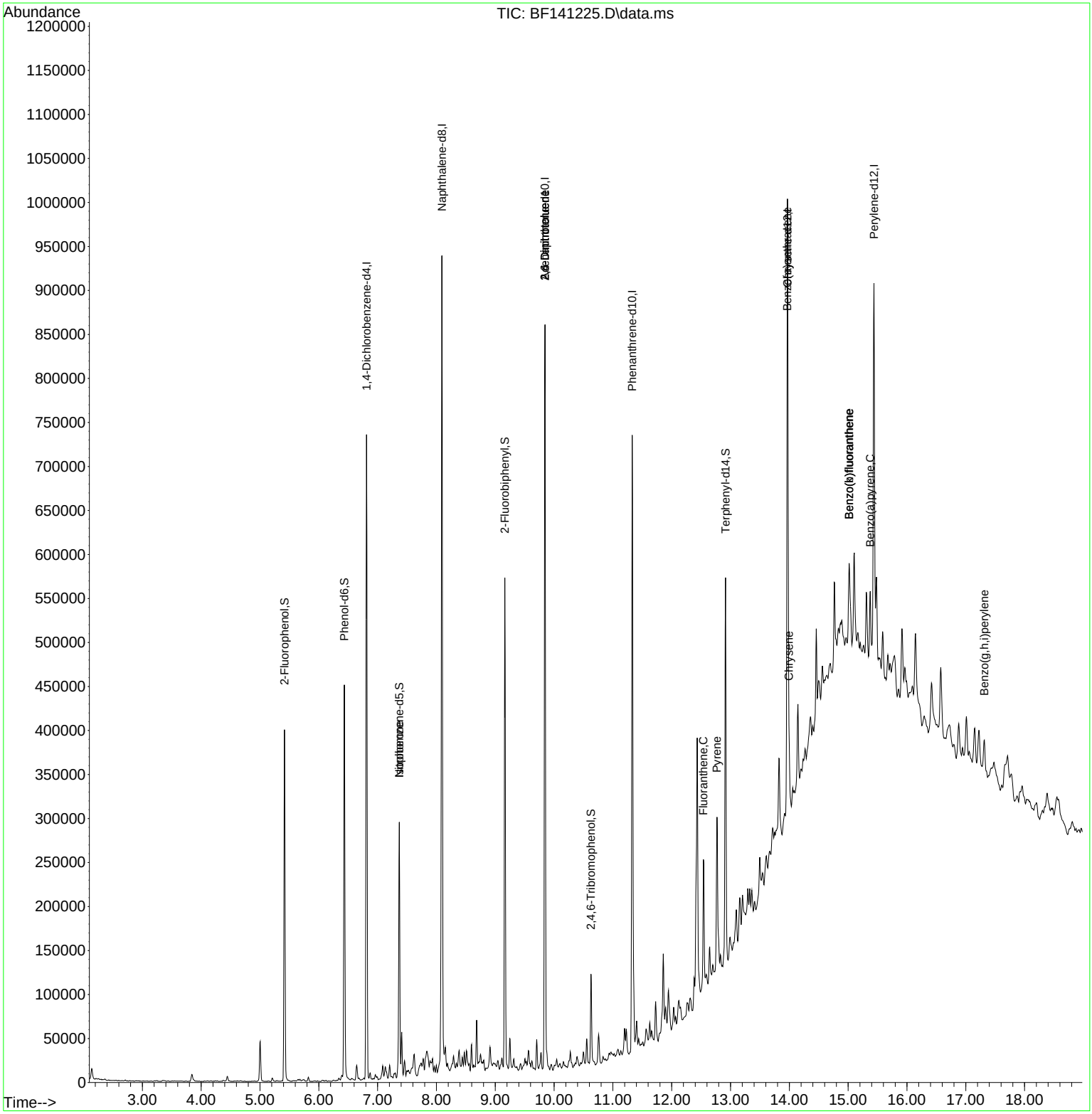
(#) = qualifier out of range (m) = manual integration (+) = signals summed

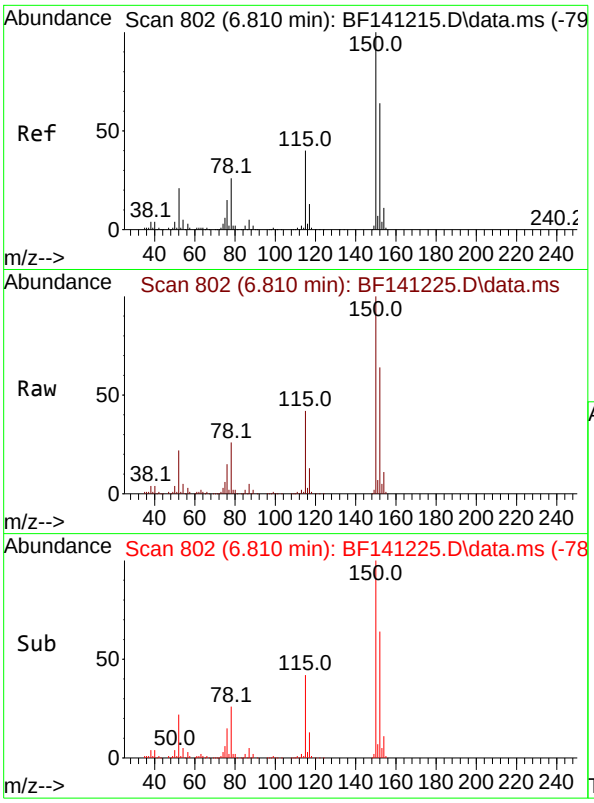
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141225.D
Acq On : 20 Jan 2025 16:24
Operator : RC/JU
Sample : Q1133-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-1172025

Quant Time: Jan 20 17:25:09 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



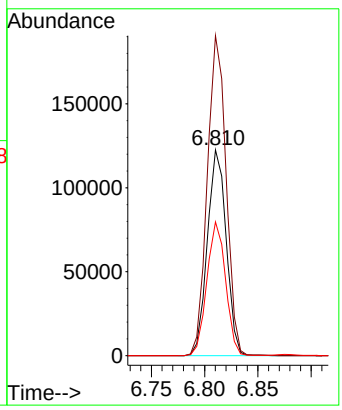


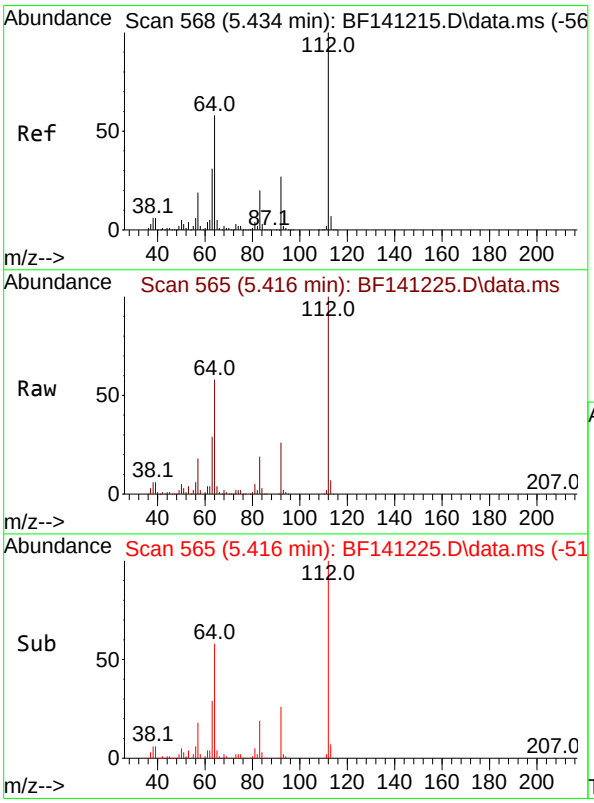
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
TR-04-1172025

Tgt Ion:152 Resp: 151384

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.8	188.8
115	65.0	51.4	77.2

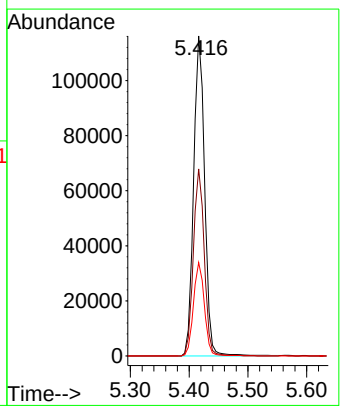


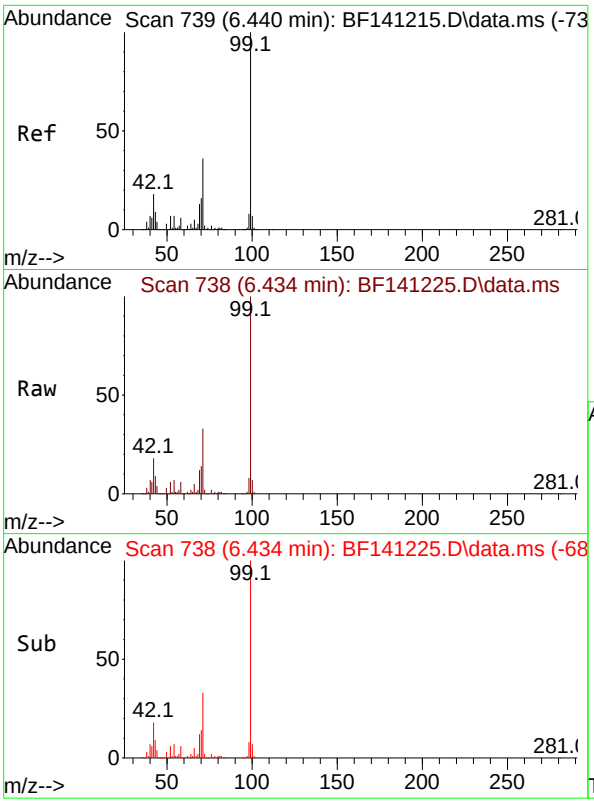


#5
2-Fluorophenol
Concen: 15.395 ng
RT: 5.416 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Tgt Ion:112 Resp: 150862

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.3	70.9
63	29.2	24.2	36.2



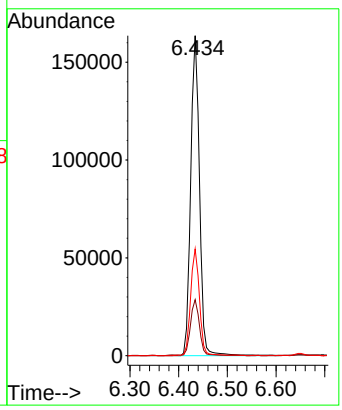


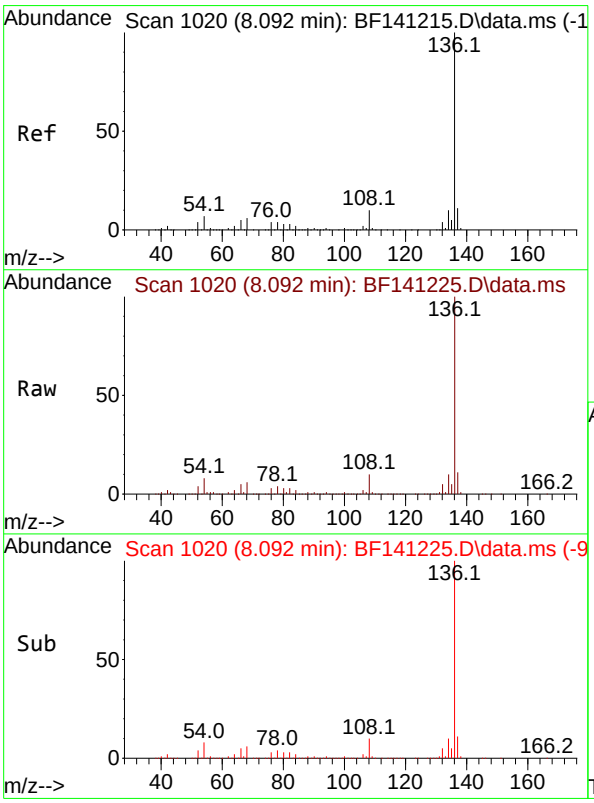
#7
Phenol-d6
Concen: 16.526 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
TR-04-1172025

Tgt Ion: 99 Resp: 205135

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	33.4	27.6	41.4

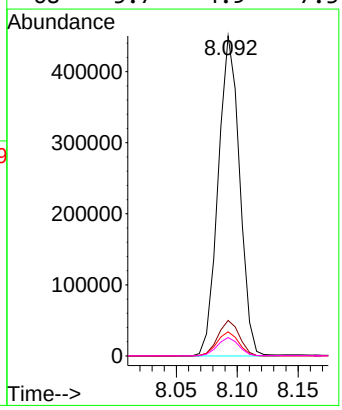


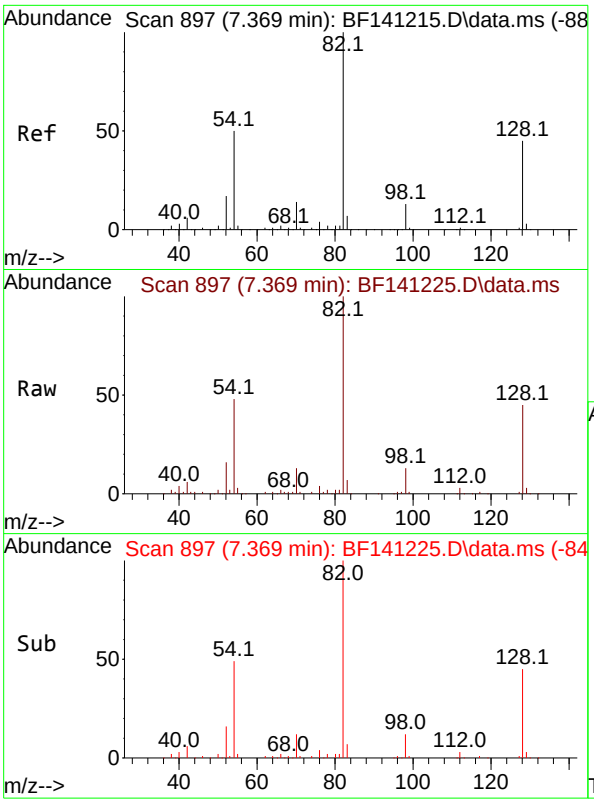


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Tgt Ion:136 Resp: 551408

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.6	6.3	9.5
68	5.7	4.9	7.3



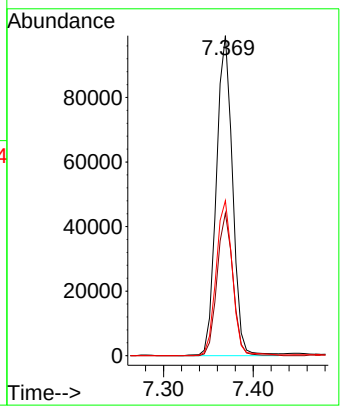


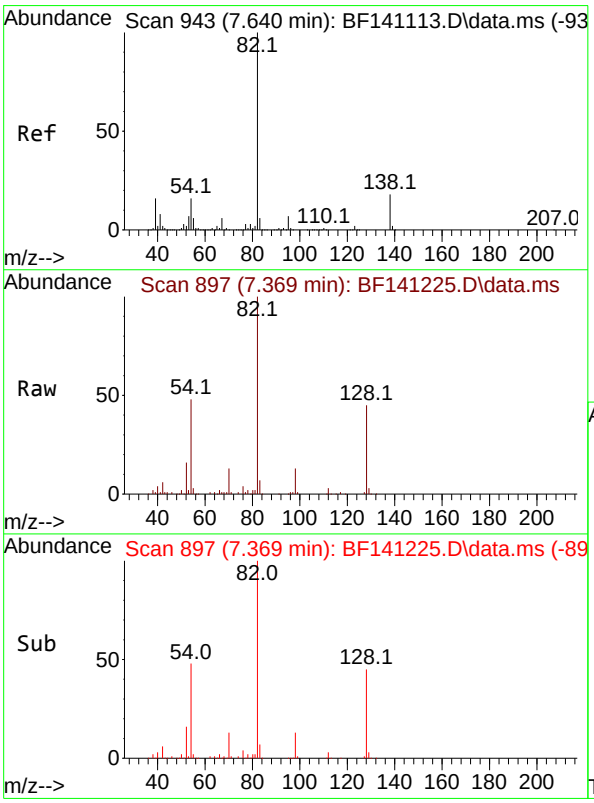
#23
Nitrobenzene-d5
Concen: 11.936 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
TR-04-1172025

Tgt Ion: 82 Resp: 124159

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	48.5	41.0	61.4

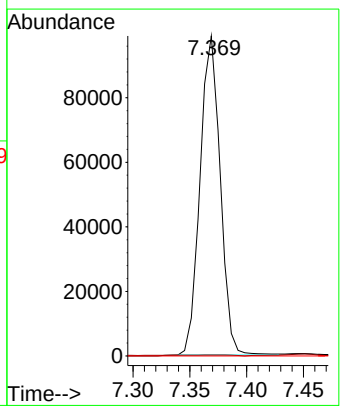


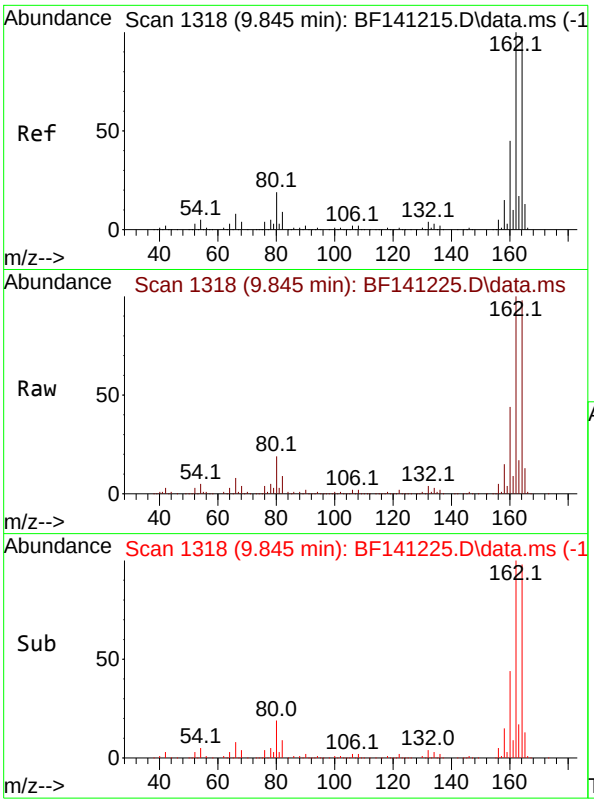


#25
Isophorone
Concen: 6.878 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.271 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Tgt Ion: 82 Resp: 122277

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.9	8.9#
138	0.0	14.2	21.2#



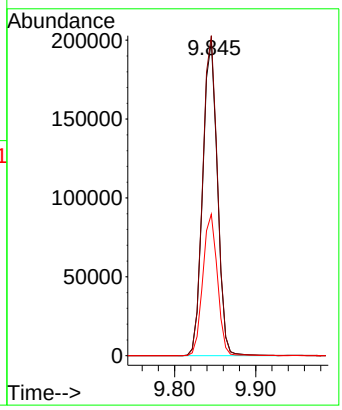


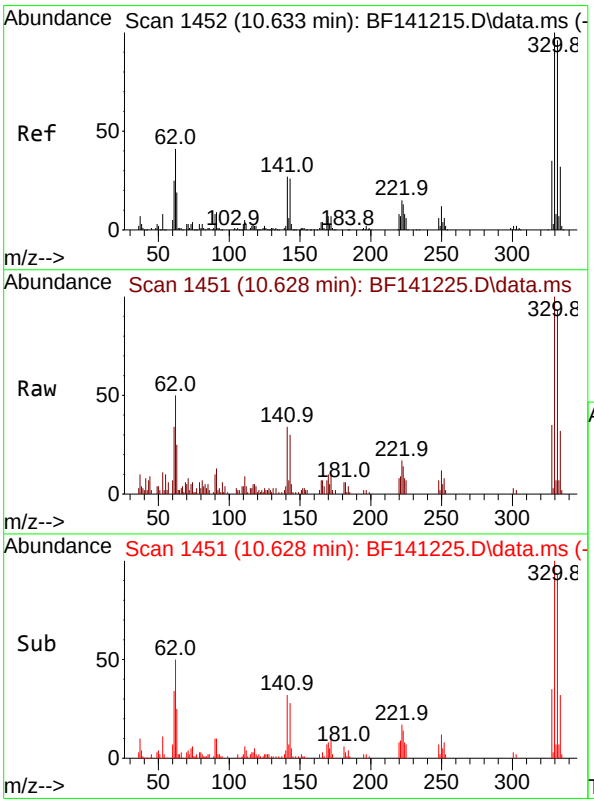
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
TR-04-1172025

Tgt Ion:164 Resp: 249752

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.0	121.4
160	45.0	36.1	54.1

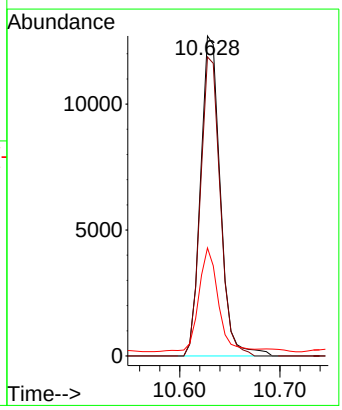


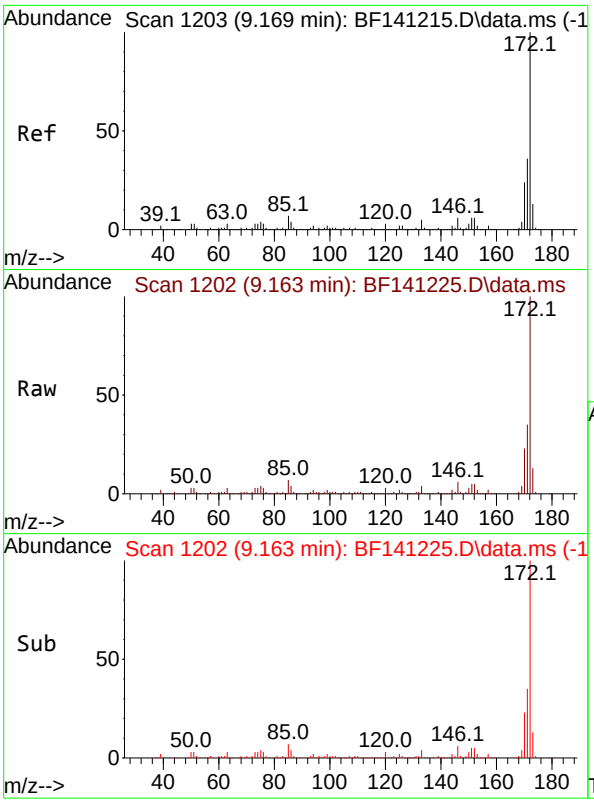


#42
2,4,6-Tribromophenol
Concen: 6.121 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.024 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Tgt Ion:330 Resp: 17418

Ion	Ratio	Lower	Upper
330	100		
332	93.3	76.9	115.3
141	31.8	25.2	37.8



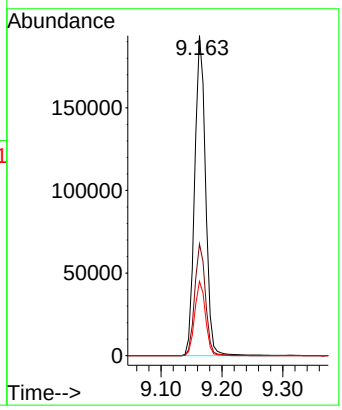


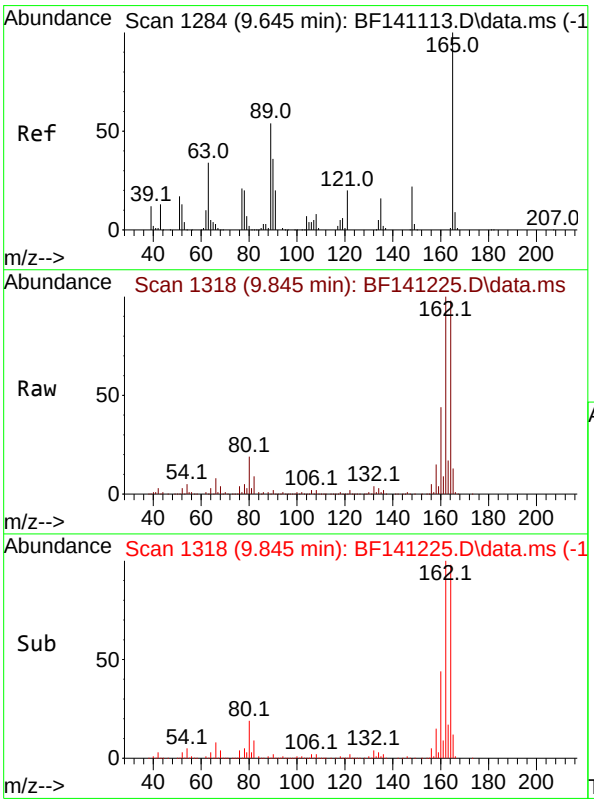
#45
2-Fluorobiphenyl
Concen: 14.699 ng
RT: 9.163 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
TR-04-1172025

Tgt Ion:172 Resp: 240414

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	23.2	19.0	28.6

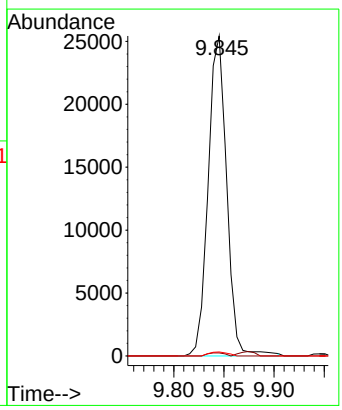


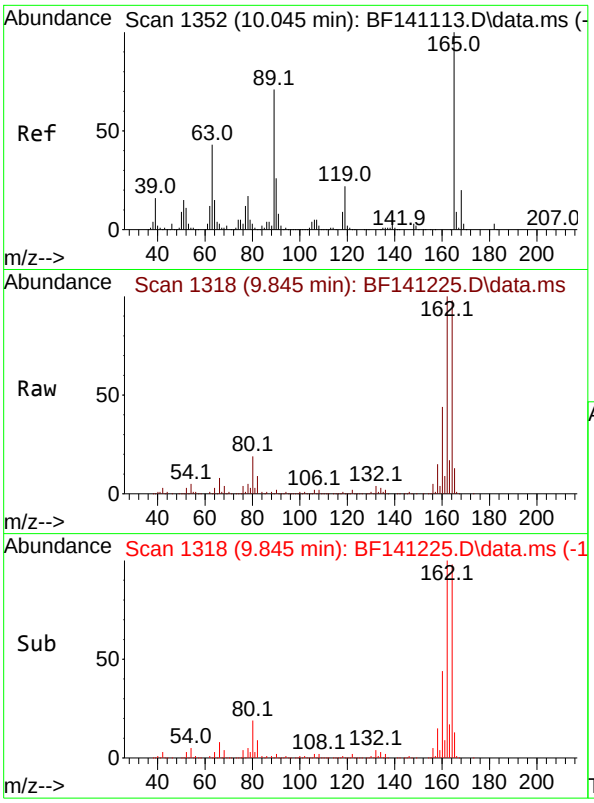


#51
2,6-Dinitrotoluene
Concen: 8.394 ng
RT: 9.845 min Scan# 1318
Delta R.T. 0.200 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Tgt Ion:165 Resp: 32730

Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.3	63.5#
89	1.3	43.1	64.7#



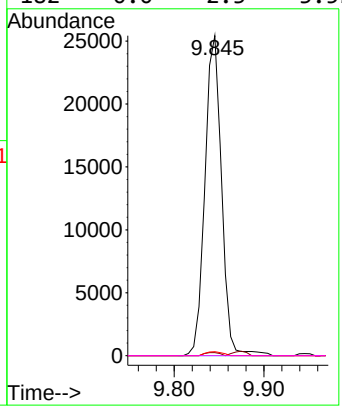


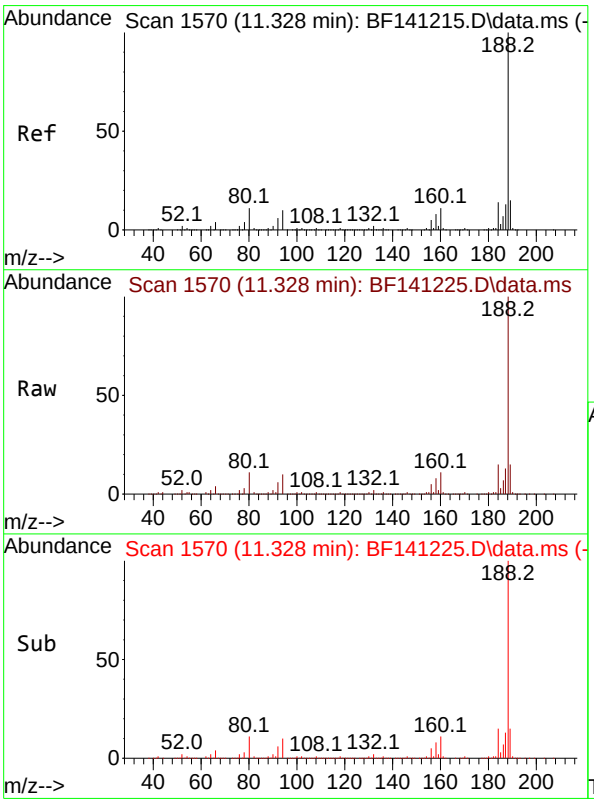
#57
2,4-Dinitrotoluene
Concen: 6.513 ng
RT: 9.845 min Scan# 1
Delta R.T. -0.200 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
TR-04-1172025

Tgt Ion:165 Resp: 32726

Ion	Ratio	Lower	Upper
165	100		
63	1.0	35.0	52.4#
89	1.3	56.7	85.1#
182	0.0	2.3	3.5#

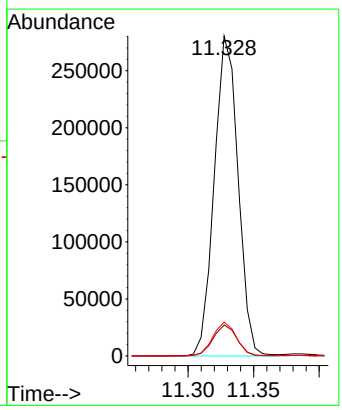


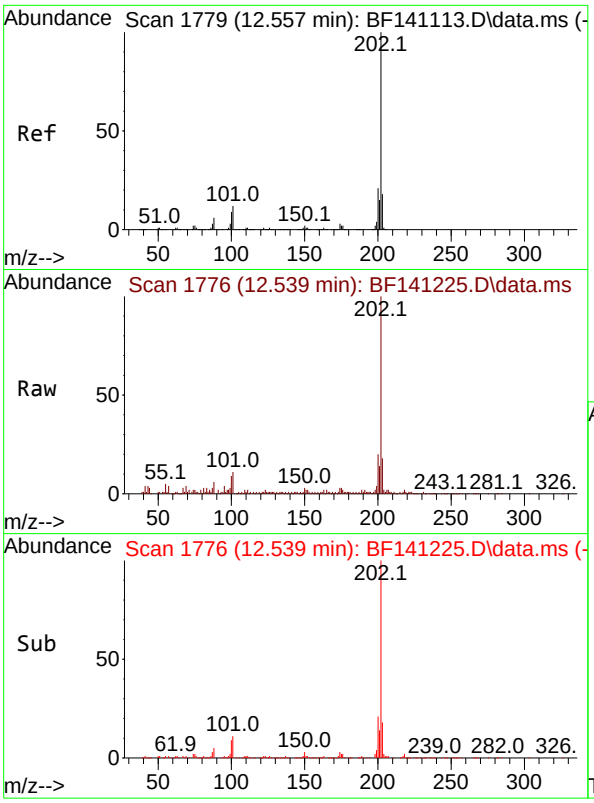


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1570
Delta R.T. -0.018 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Tgt Ion:188 Resp: 353730

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.3	12.5
80	10.6	9.0	13.4



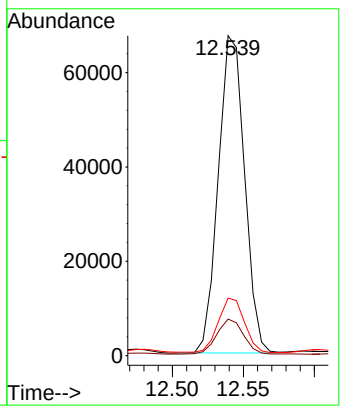


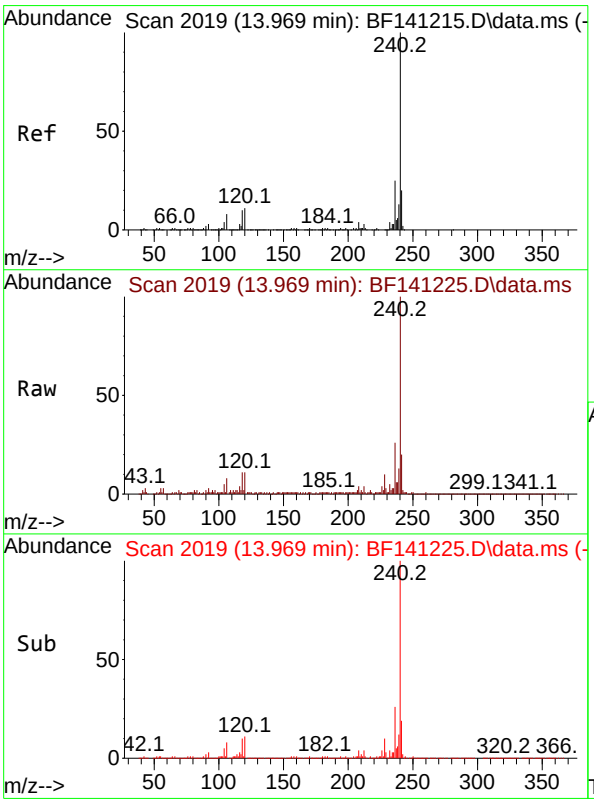
#75
Fluoranthene
Concen: 4.574 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
TR-04-1172025

Tgt Ion:202 Resp: 86682

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.3
203	18.0	0.0	37.7

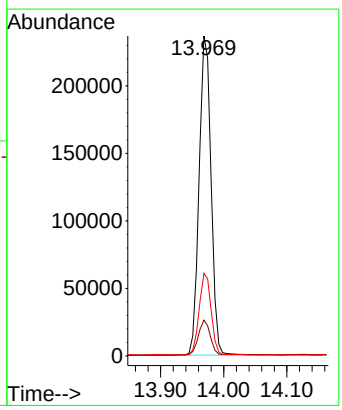


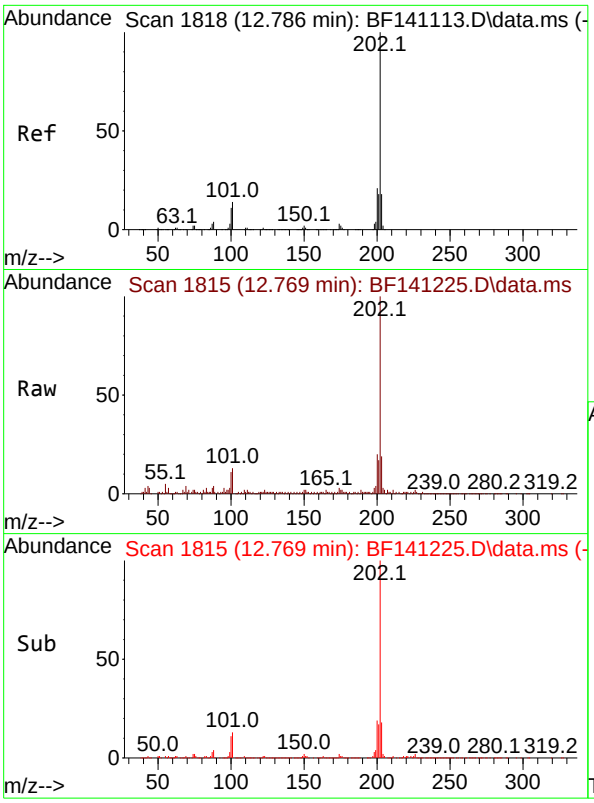


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Tgt Ion:240 Resp: 309488

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.1	13.7
236	25.8	19.8	29.6



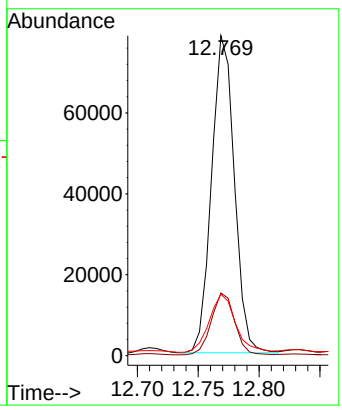


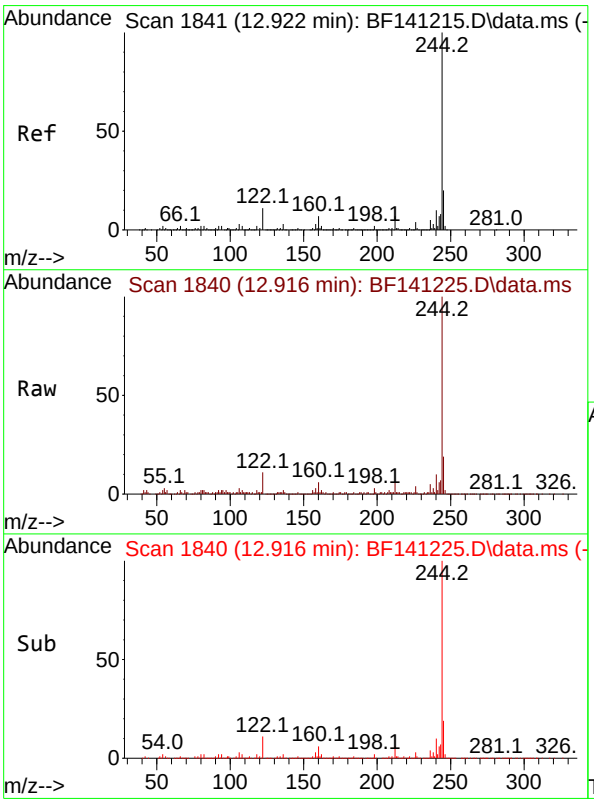
#78
Pyrene
Concen: 3.456 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
TR-04-1172025

Tgt Ion:202 Resp: 102150

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.8	25.2
203	19.2	14.3	21.5

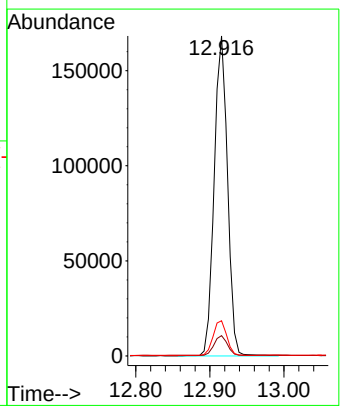


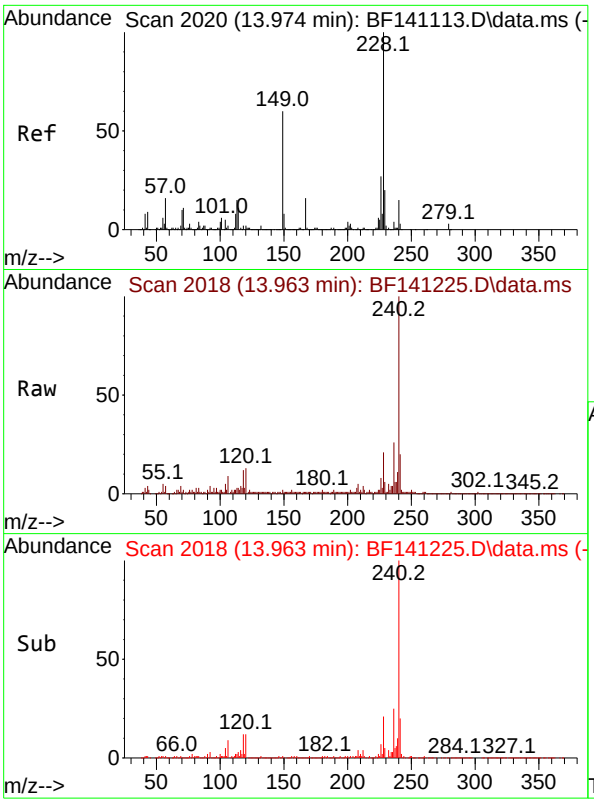


#79
Terphenyl-d14
Concen: 10.086 ng
RT: 12.916 min Scan# 1840
Delta R.T. -0.018 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Tgt Ion:244 Resp: 210011

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	11.0	8.8	13.2



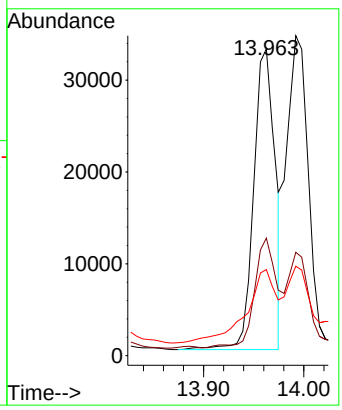


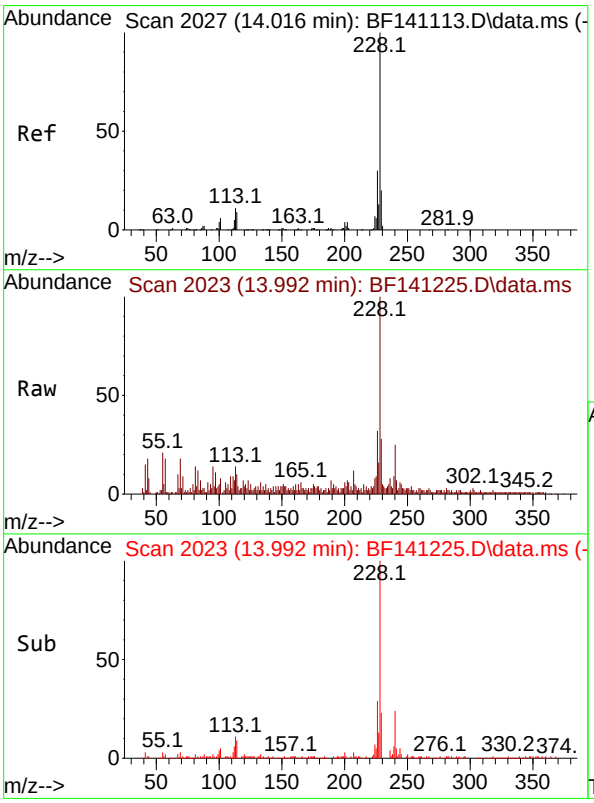
#81
Benzo(a)anthracene
Concen: 2.300 ng
RT: 13.963 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
TR-04-1172025

Tgt Ion:228 Resp: 48451

Ion	Ratio	Lower	Upper
228	100		
226	38.3	21.7	32.5#
229	28.0	15.7	23.5#

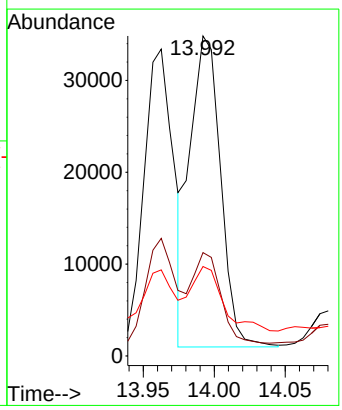


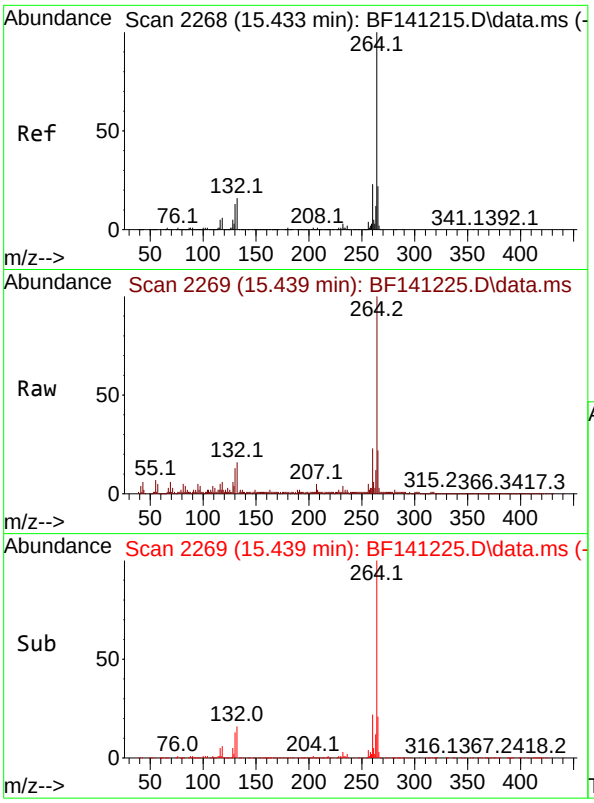


#83
Chrysene
Concen: 2.574 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.024 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Tgt Ion:228 Resp: 50732

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.8	35.8
229	28.0	15.8	23.8#



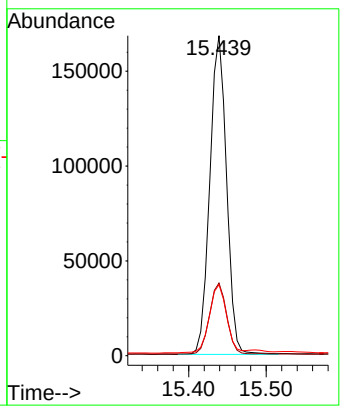


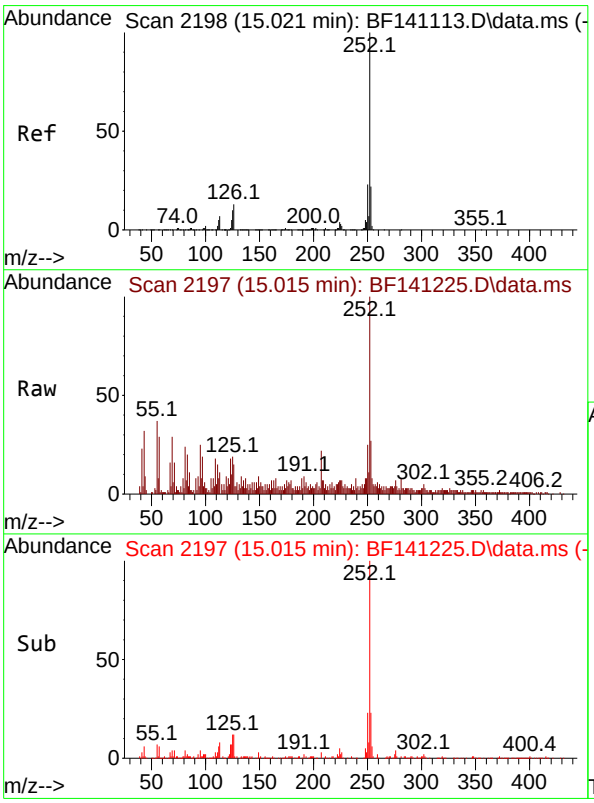
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
TR-04-1172025

Tgt Ion:264 Resp: 252186

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	28.0
265	22.2	17.4	26.0

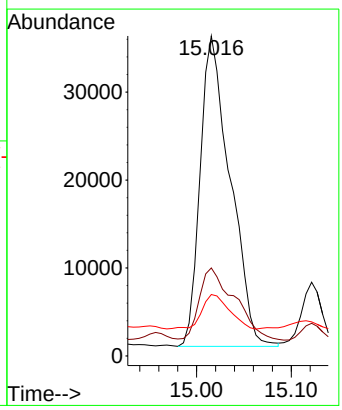


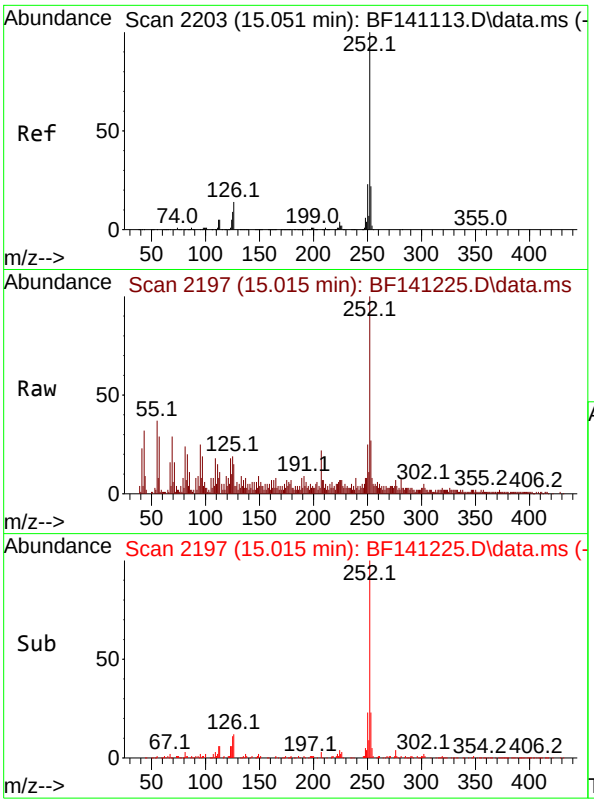


#88
Benzo(b)fluoranthene
Concen: 4.783 ng
RT: 15.015 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Tgt Ion:252 Resp: 77775

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.8	26.6#
125	19.2	8.1	12.1#



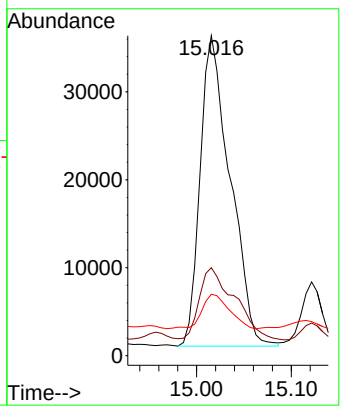


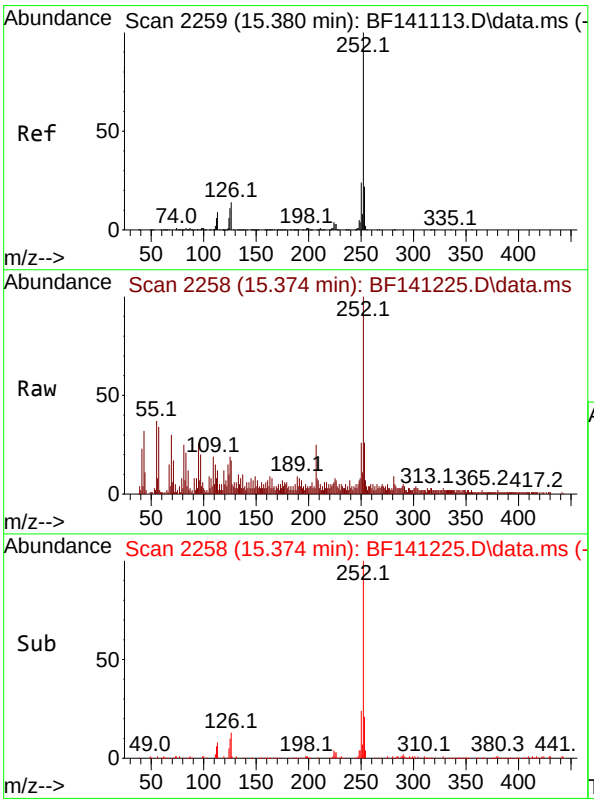
#89
Benzo(k)fluoranthene
Concen: 5.659 ng
RT: 15.015 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
TR-04-1172025

Tgt Ion:252 Resp: 77775

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.8	26.8#
125	19.2	7.9	11.9#

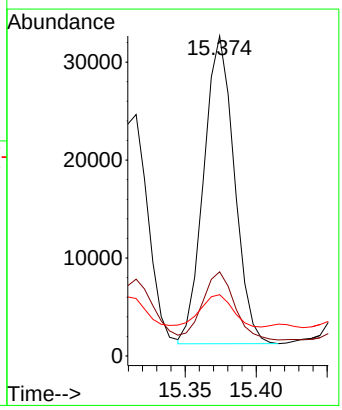


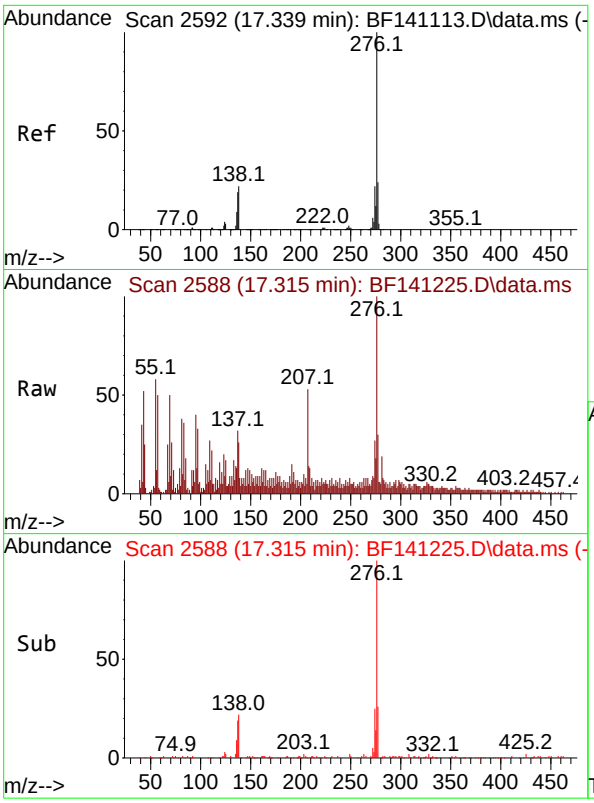


#90
Benzo(a)pyrene
Concen: 3.494 ng
RT: 15.374 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Tgt Ion:252 Resp: 46873

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.7	26.5
125	19.1	9.1	13.7#





#92
Benzo(g,h,i)perylene
Concen: 2.125 ng
RT: 17.315 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141225.D
Acq: 20 Jan 2025 16:24

Instrument :
BNA_F
ClientSampleId :
TR-04-1172025

Tgt Ion:276 Resp: 33030

Ion	Ratio	Lower	Upper
276	100		
277	30.3	19.0	28.4#
138	25.6	17.4	26.2