Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140022.D
Acq On : 25 Oct 2024 01:19
Operator : RC/JU
Sample : P4512-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Quant Time: Oct 25 03:05:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	83349	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	307159	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	151602	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	210136	20.000	ng	0.00
76) Chrysene-d12	14.051	240	168395	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	192698	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	520025	97.673	ng	0.00
7) Phenol-d6	6.504	99	621167	90.081	ng	0.00
23) Nitrobenzene-d5	7.445	82	426408	76.941	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	137159	96.724	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	771904	84.150	ng	0.00
79) Terphenyl-d14	12.992	244	570956	55.249	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	122921	12.384	ng	99
72) Anthracene	11.486	178	28648	2.958	ng	98
75) Fluoranthene	12.621	202	205720	20.502	ng	97
78) Pyrene	12.851	202	177334	12.031	ng	98
81) Benzo(a)anthracene	14.039	228	120379	10.982	ng	98
83) Chrysene	14.074	228	96963	9.647	ng	98
87) Indeno(1,2,3-cd)pyrene	17.009	276	47592	3.839	ng	# 91
88) Benzo(b)fluoranthene	15.092	252	150479m	12.819	ng	
89) Benzo(k)fluoranthene	15.110	252	55810m	5.513	ng	
90) Benzo(a)pyrene	15.462	252	101349	10.493	ng	99
92) Benzo(g,h,i)perylene	17.462	276	42474	4.112	ng	97

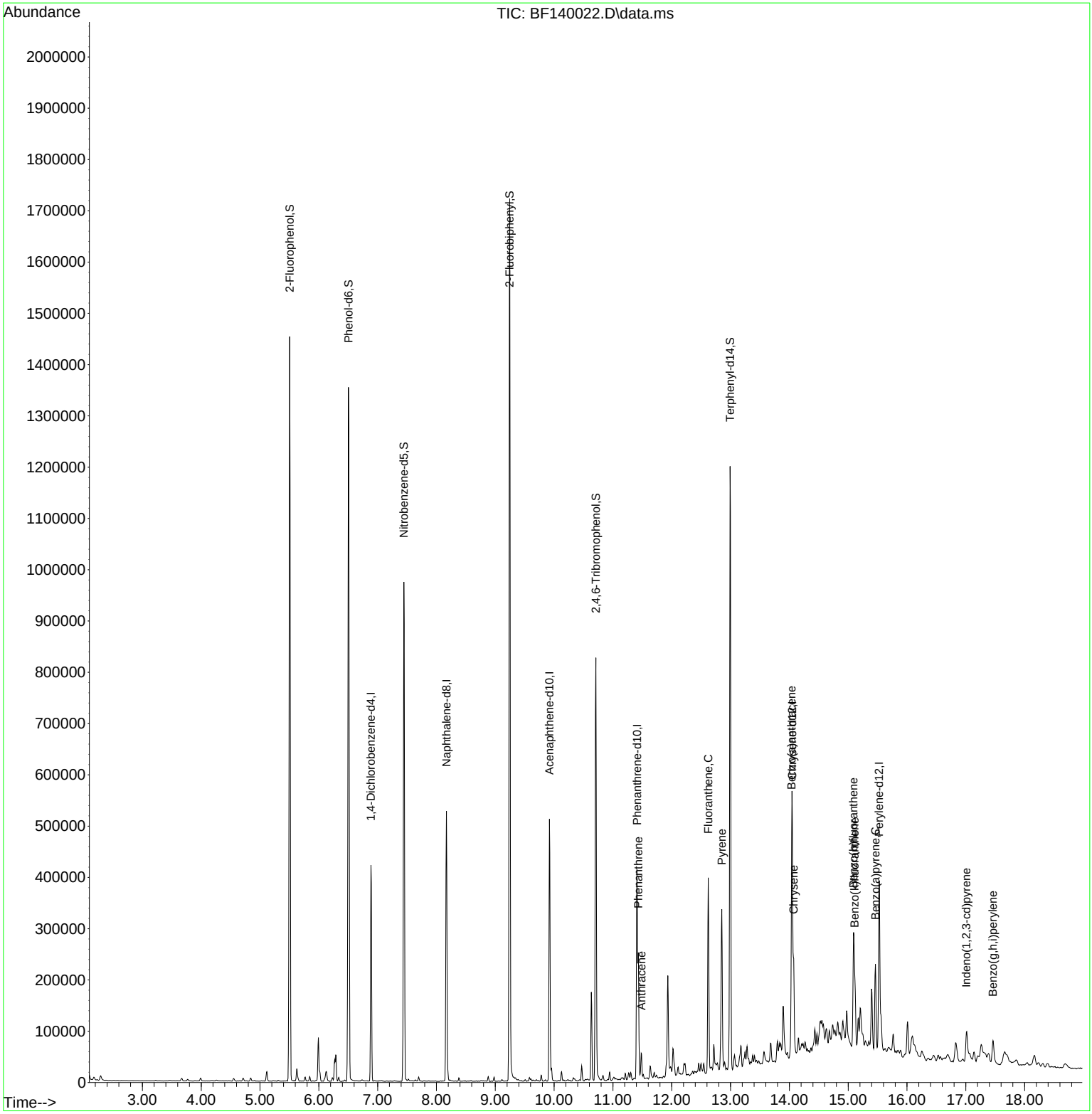
(#) = qualifier out of range (m) = manual integration (+) = signals summed

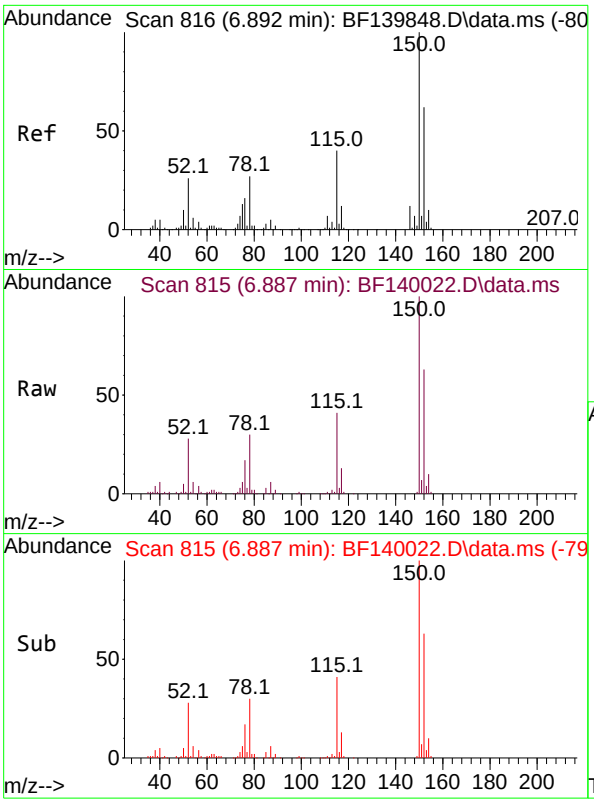
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF140022.D
Acq On : 25 Oct 2024 01:19
Operator : RC/JU
Sample : P4512-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Quant Time: Oct 25 03:05:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration



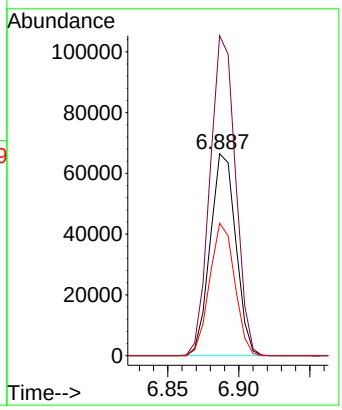


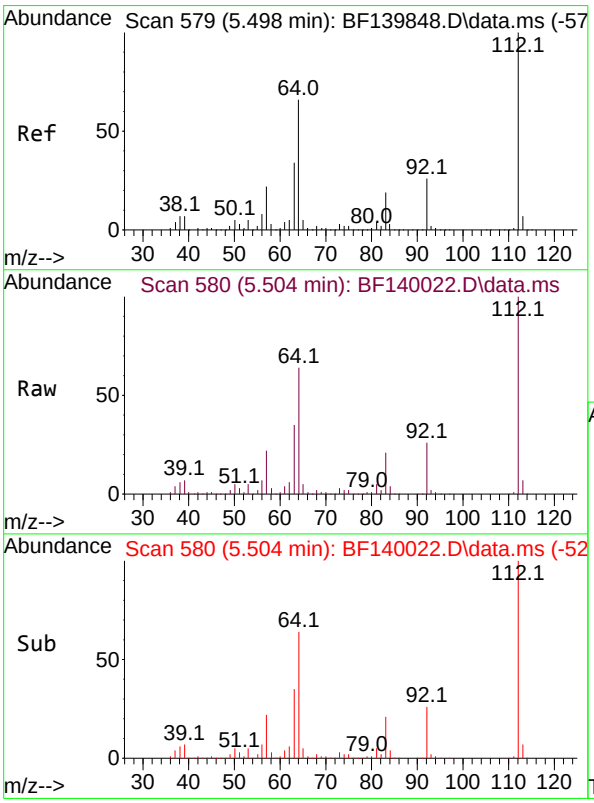
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 8
Delta R.T. -0.005 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Tgt Ion:152 Resp: 83349

Ion	Ratio	Lower	Upper
152	100		
150	158.5	130.2	195.2
115	65.7	51.4	77.2

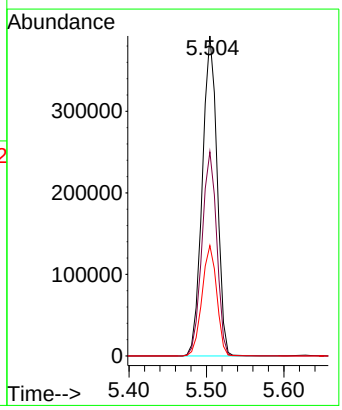


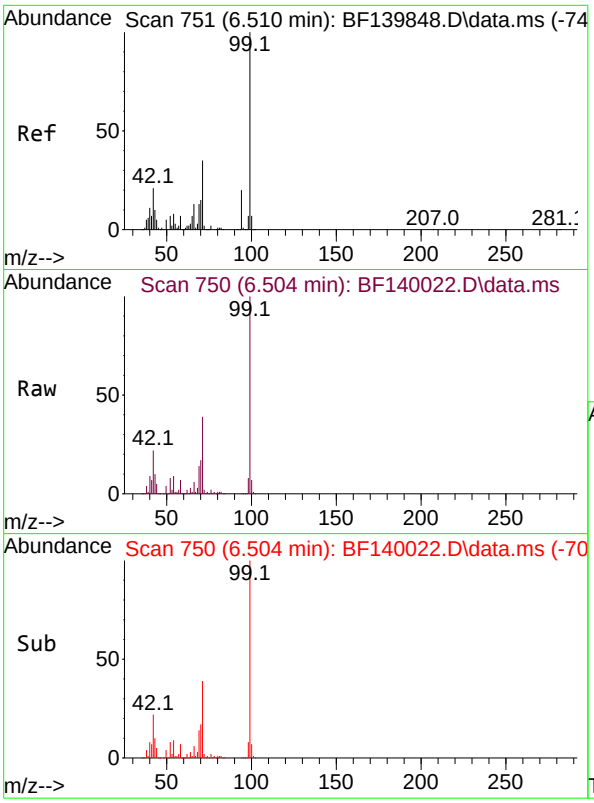


#5
2-Fluorophenol
Concen: 97.673 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Tgt Ion:112 Resp: 520025

Ion	Ratio	Lower	Upper
112	100		
64	63.8	53.0	79.6
63	34.5	27.0	40.4



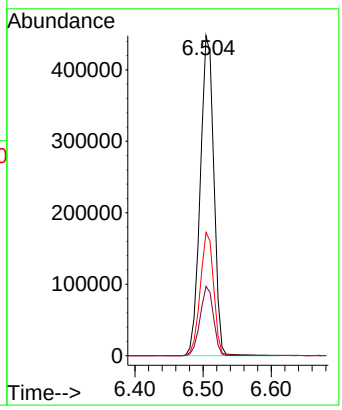


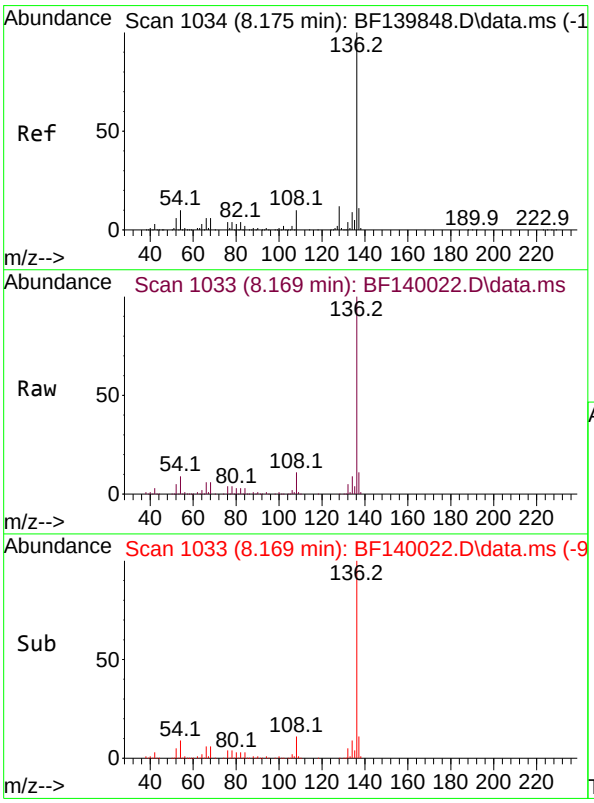
#7
Phenol-d6
Concen: 90.081 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Tgt Ion: 99 Resp: 621167

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.7	25.1
71	38.6	27.7	41.5

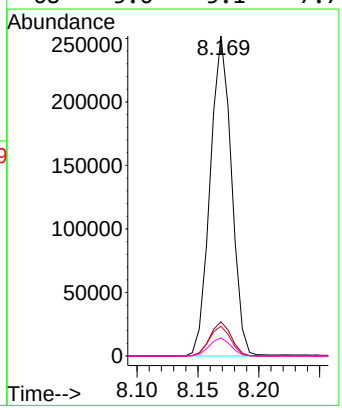


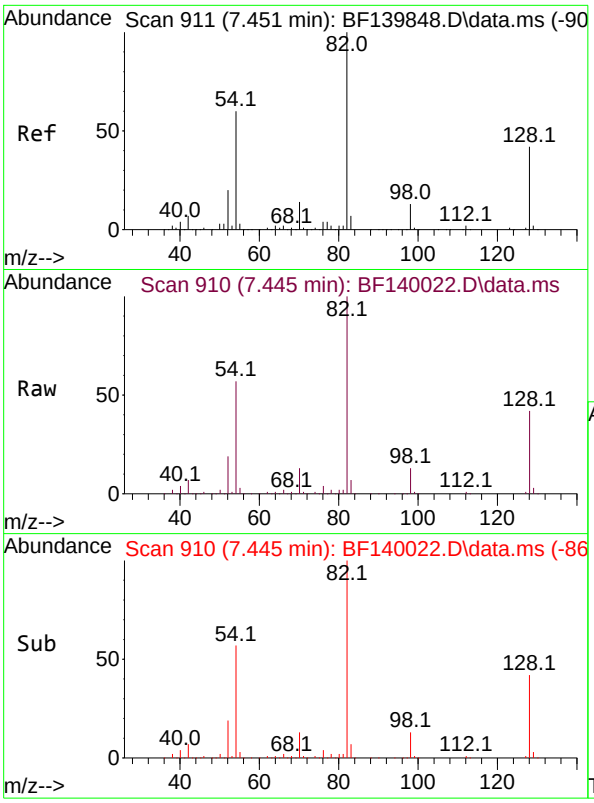


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Tgt Ion:136 Resp: 307159

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.3	8.4	12.6
68	5.6	5.1	7.7



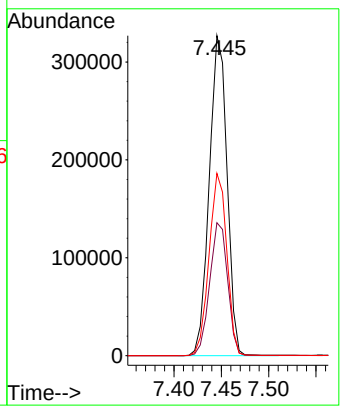


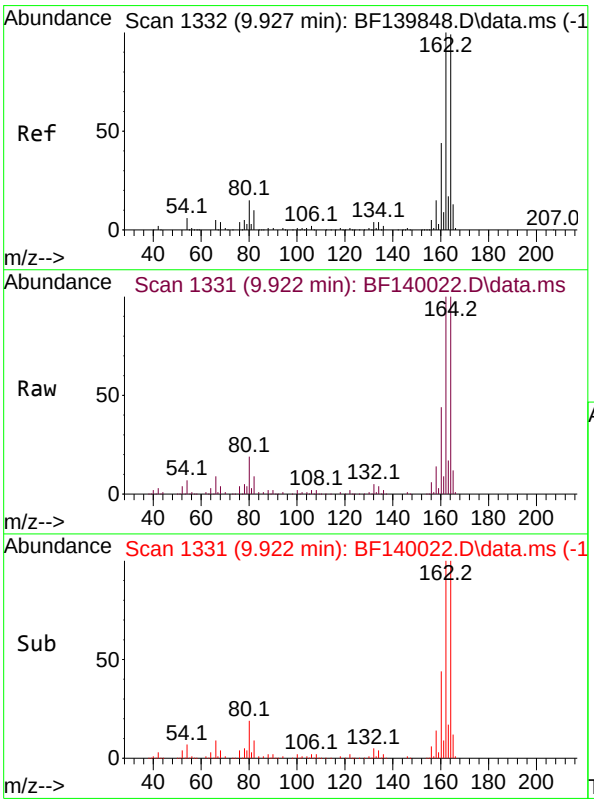
#23
Nitrobenzene-d5
Concen: 76.941 ng
RT: 7.445 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Tgt Ion: 82 Resp: 426408

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.4	50.0
54	56.9	47.8	71.8

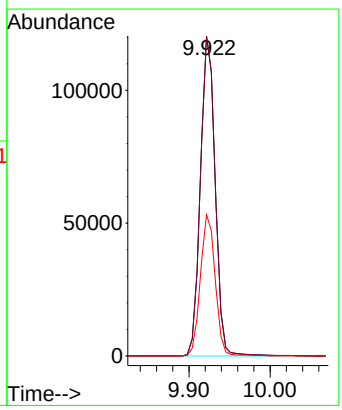


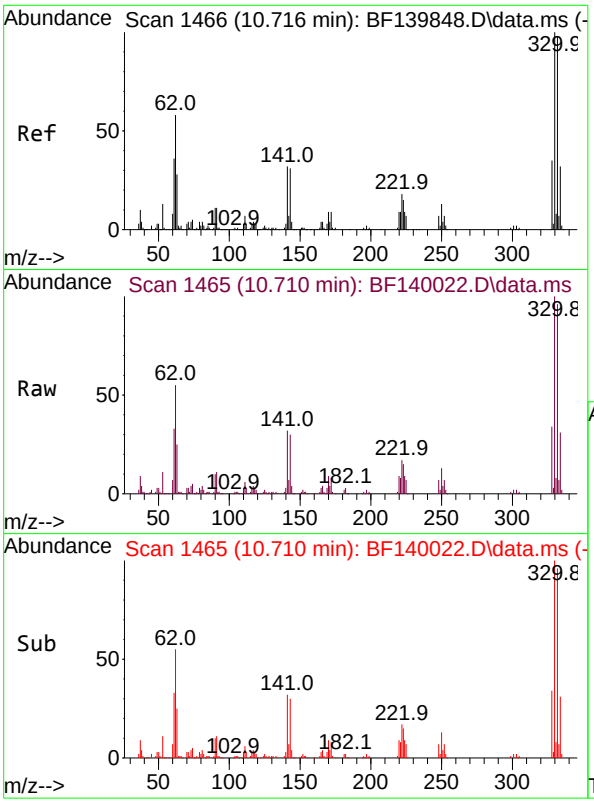


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Tgt Ion:164 Resp: 151602

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.0	121.4
160	44.2	35.4	53.0



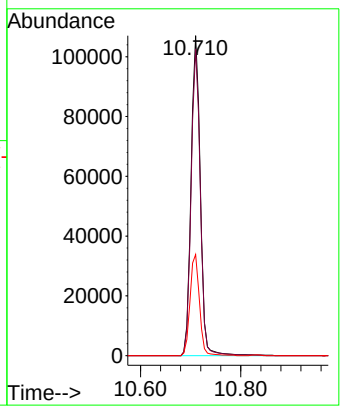


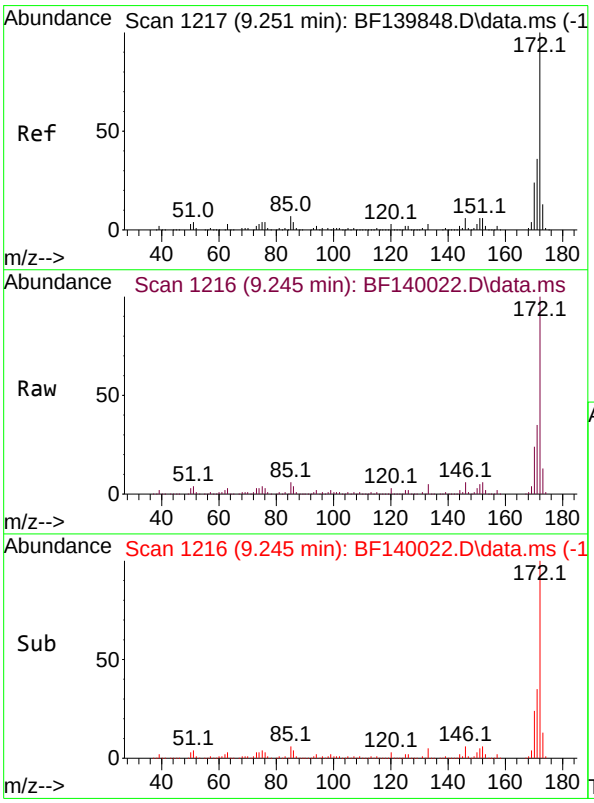
#42
2,4,6-Tribromophenol
Concen: 96.724 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Tgt Ion:330 Resp: 137159

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.1	117.1
141	32.3	26.6	39.8

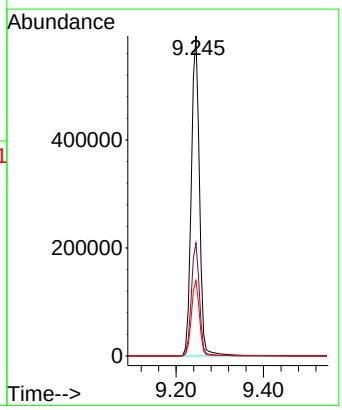


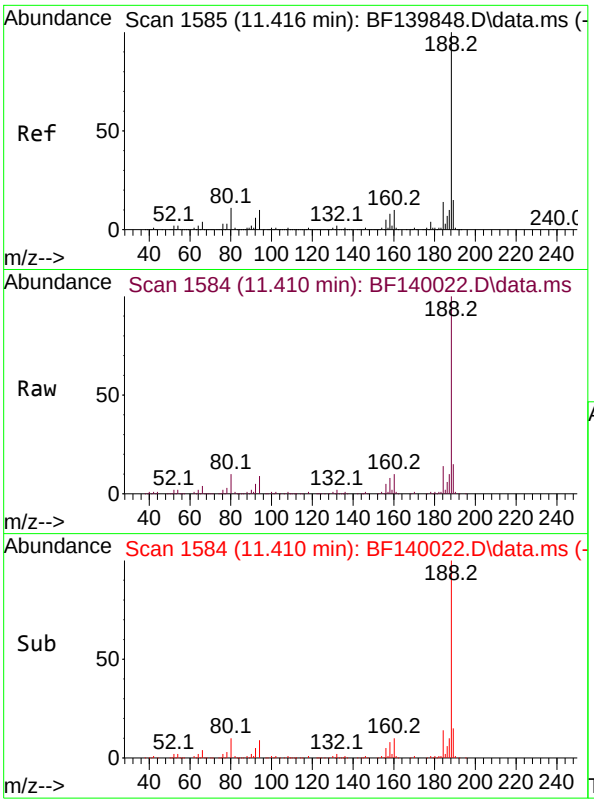


#45
2-Fluorobiphenyl
Concen: 84.150 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Tgt Ion:172 Resp: 771904

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.5	19.1	28.7



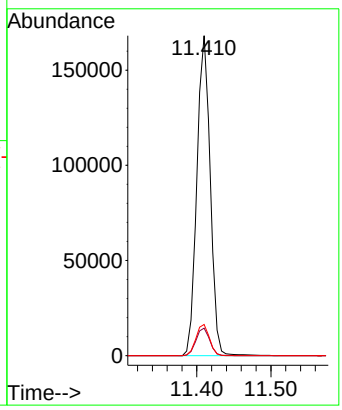


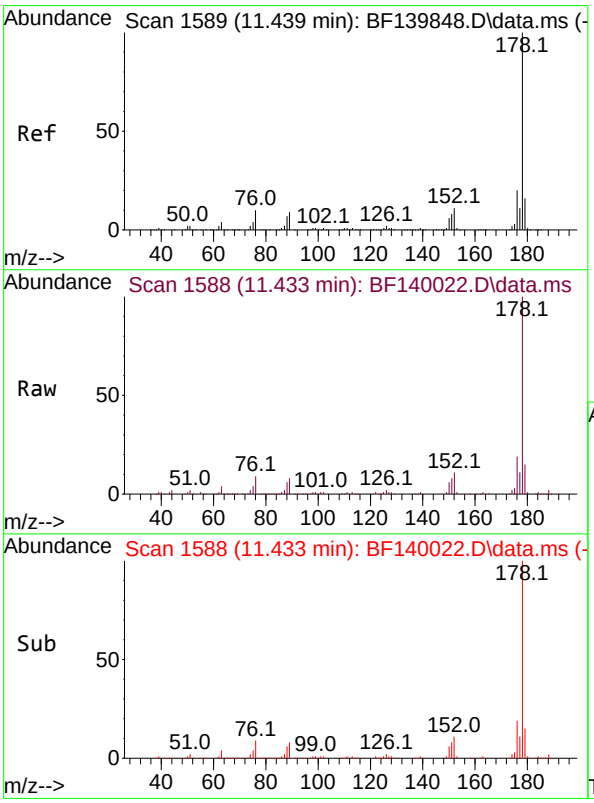
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Tgt Ion:188 Resp: 210136

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.9	11.9
80	9.7	9.0	13.4

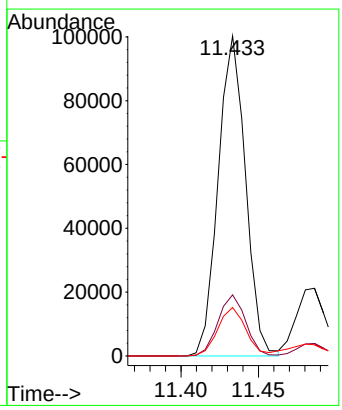


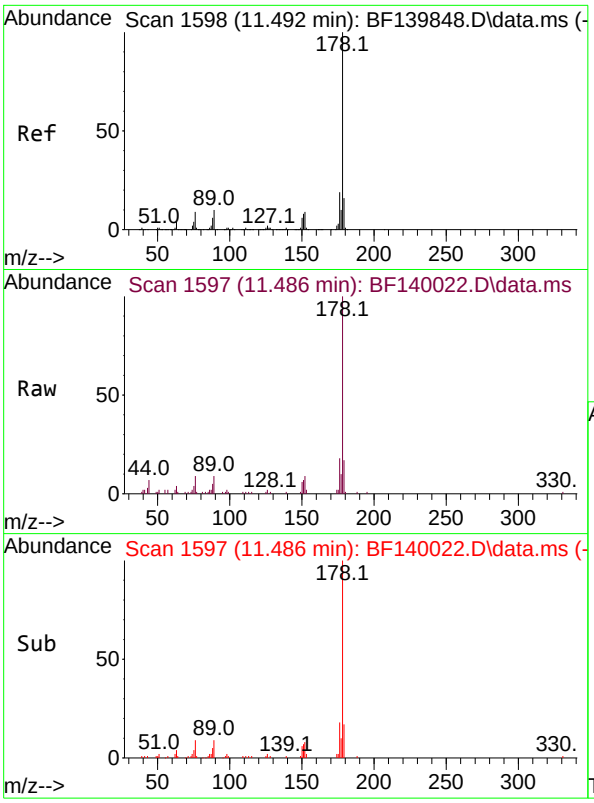


#71
Phenanthrene
Concen: 12.384 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Tgt Ion:178 Resp: 122921

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.2	12.6	18.8



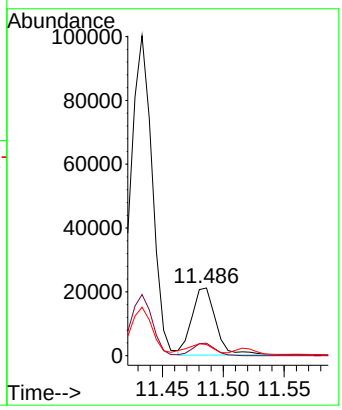


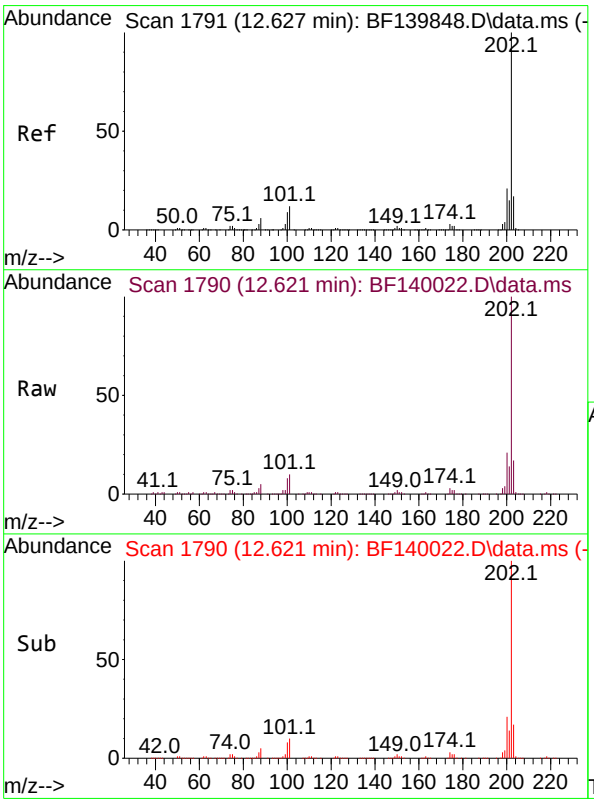
#72
Anthracene
Concen: 2.958 ng
RT: 11.486 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Tgt Ion:178 Resp: 28648

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	16.5	12.4	18.6

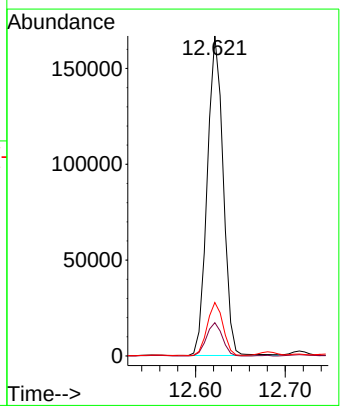


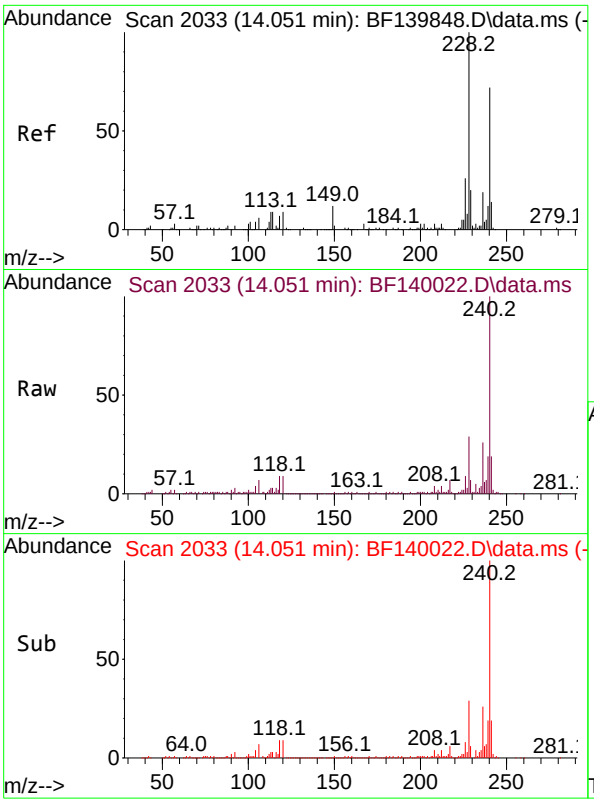


#75
Fluoranthene
Concen: 20.502 ng
RT: 12.621 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Tgt Ion:202 Resp: 205720

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.9
203	16.7	0.0	37.5



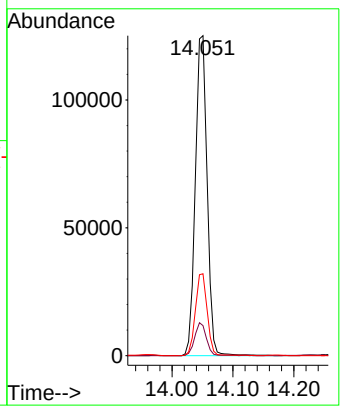


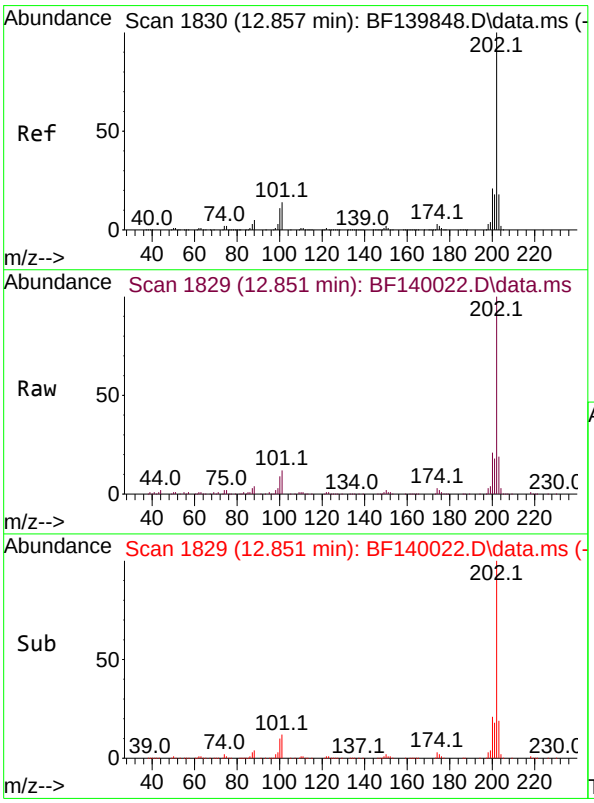
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Tgt Ion:240 Resp: 168395

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.4	14.2#
236	25.6	20.9	31.3

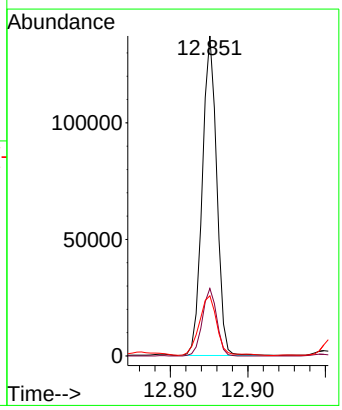


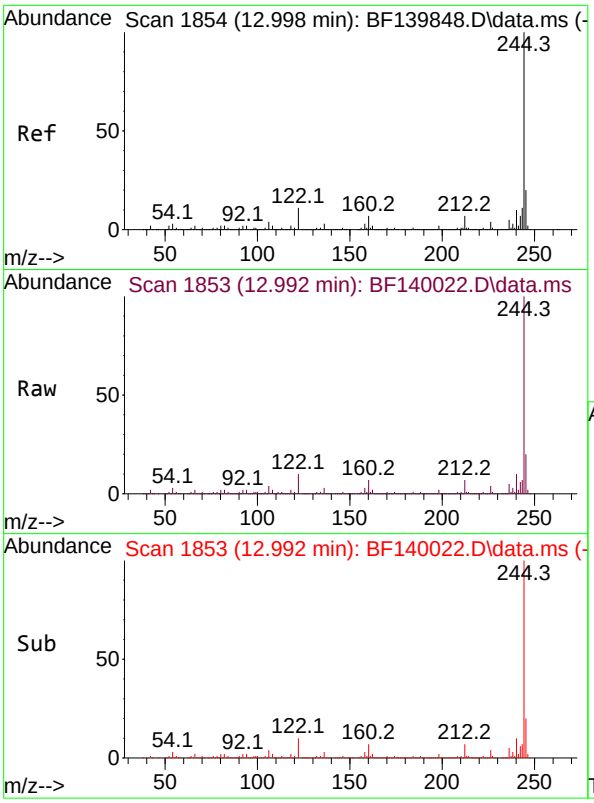


#78
Pyrene
Concen: 12.031 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Tgt Ion:202 Resp: 177334

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	18.8	14.2	21.4



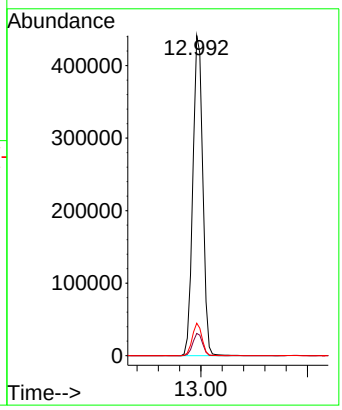


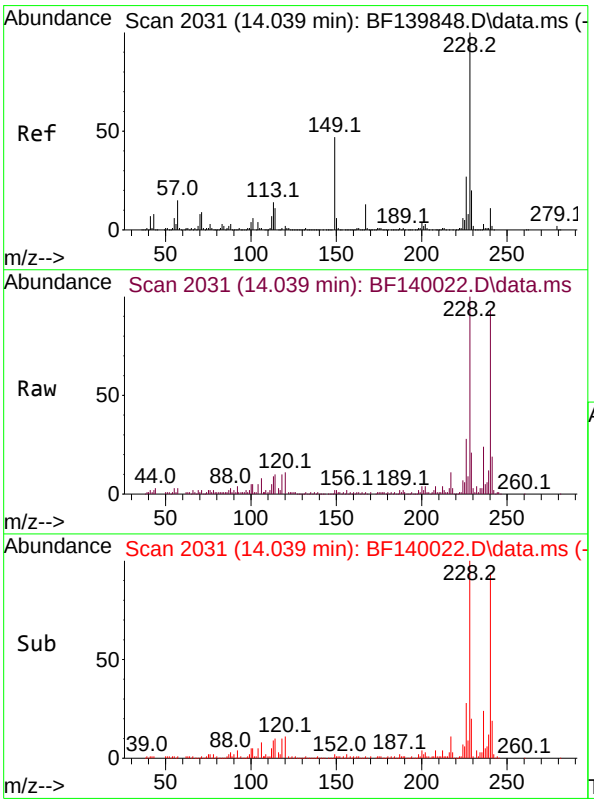
#79
Terphenyl-d14
Concen: 55.249 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Tgt Ion:244 Resp: 570956

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.1	8.6	13.0

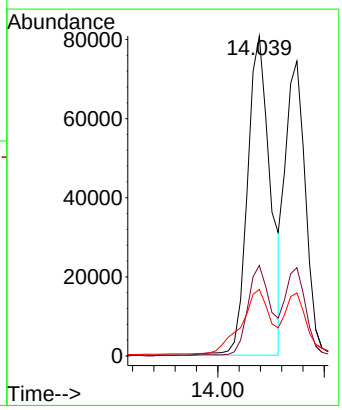


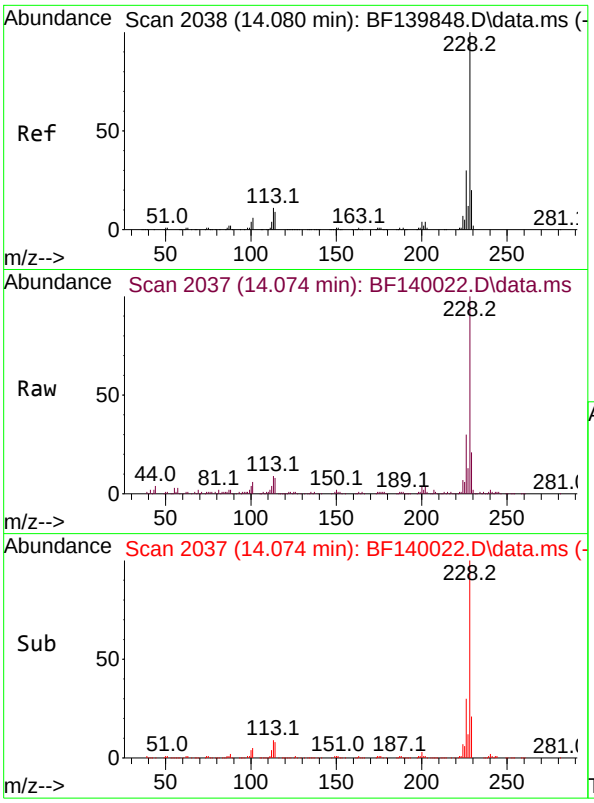


#81
Benzo(a)anthracene
Concen: 10.982 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Tgt Ion:228 Resp: 120379

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.6	32.4
229	20.8	16.1	24.1



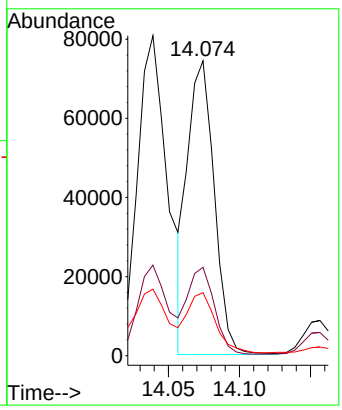


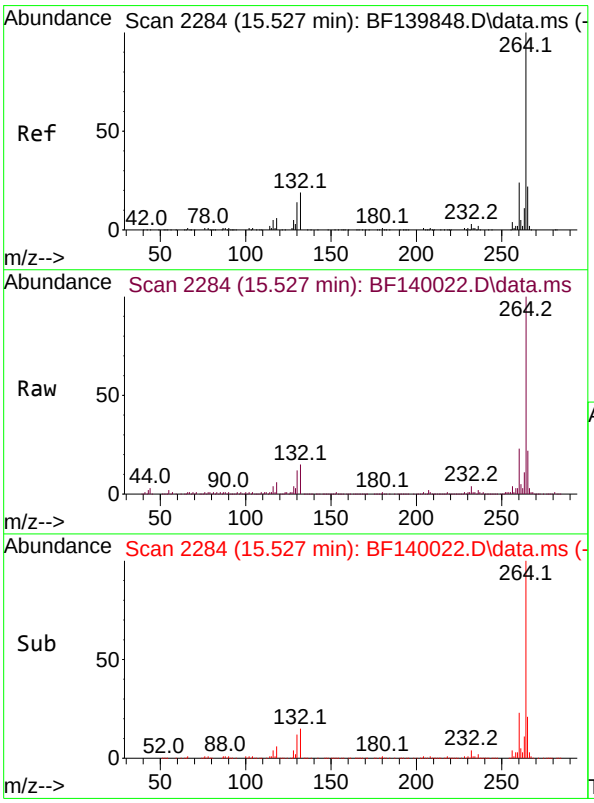
#83
Chrysene
Concen: 9.647 ng
RT: 14.074 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Tgt Ion:228 Resp: 96963

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.4	15.8	23.6

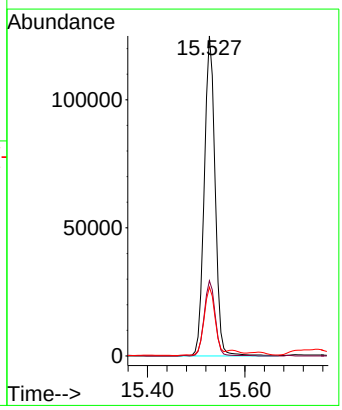


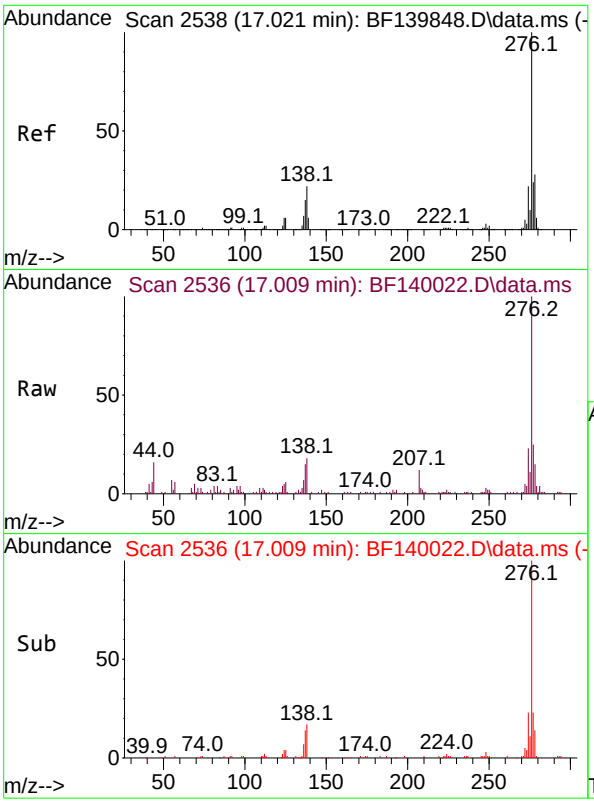


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Tgt Ion:264 Resp: 192698

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.5	17.4	26.0



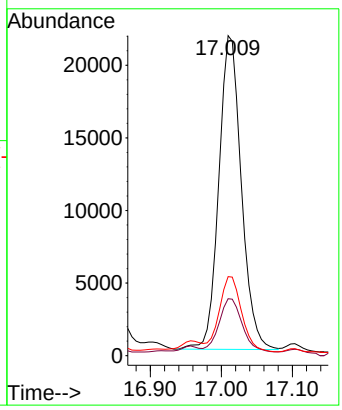


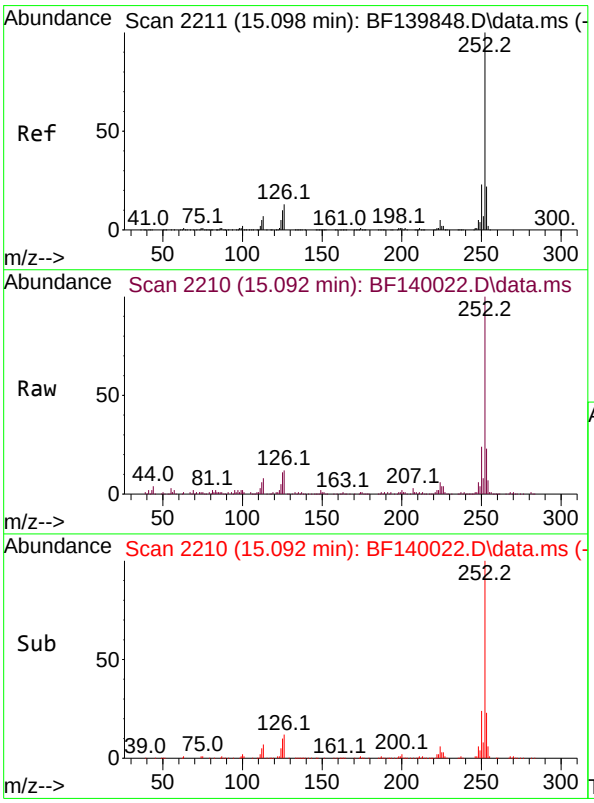
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.839 ng
RT: 17.009 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Tgt Ion:276 Resp: 47592

Ion	Ratio	Lower	Upper
276	100		
138	17.2	20.4	30.6#
277	24.0	20.2	30.4

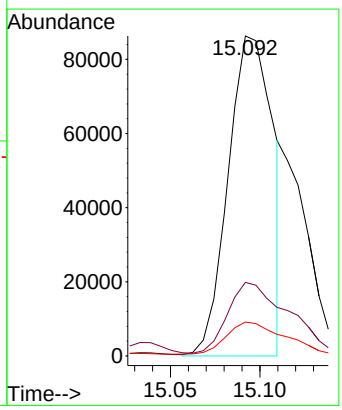


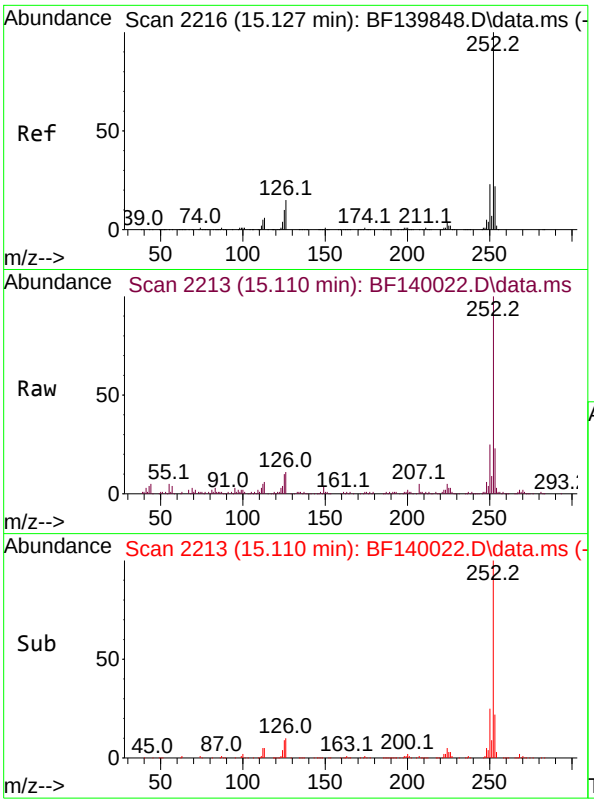


#88
Benzo(b)fluoranthene
Concen: 12.819 ng m
RT: 15.092 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Tgt Ion:252 Resp: 150479

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	10.6	7.9	11.9



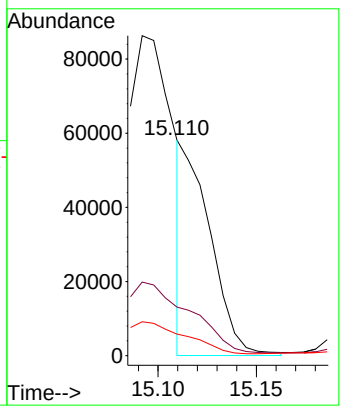


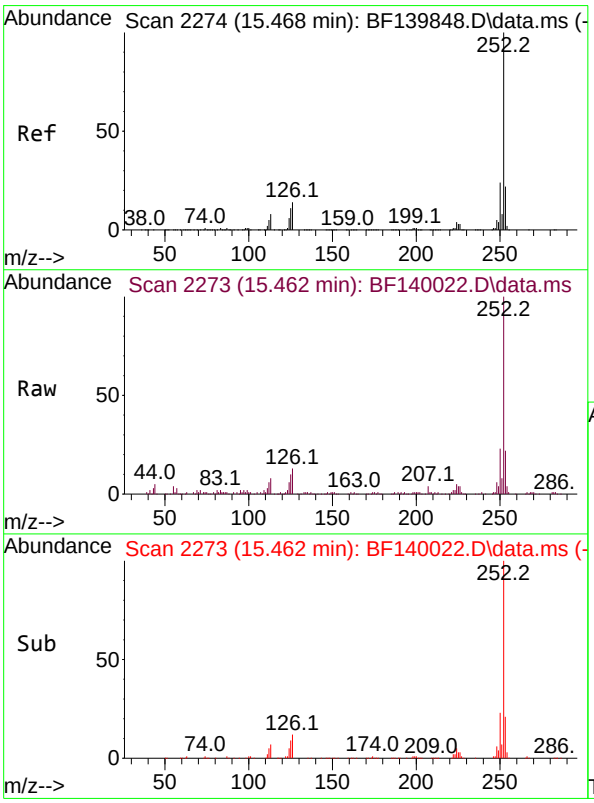
#89
Benzo(k)fluoranthene
Concen: 5.513 ng m
RT: 15.110 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Tgt Ion:252 Resp: 55810

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	10.1	7.9	11.9

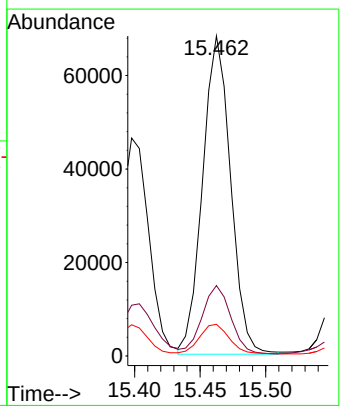


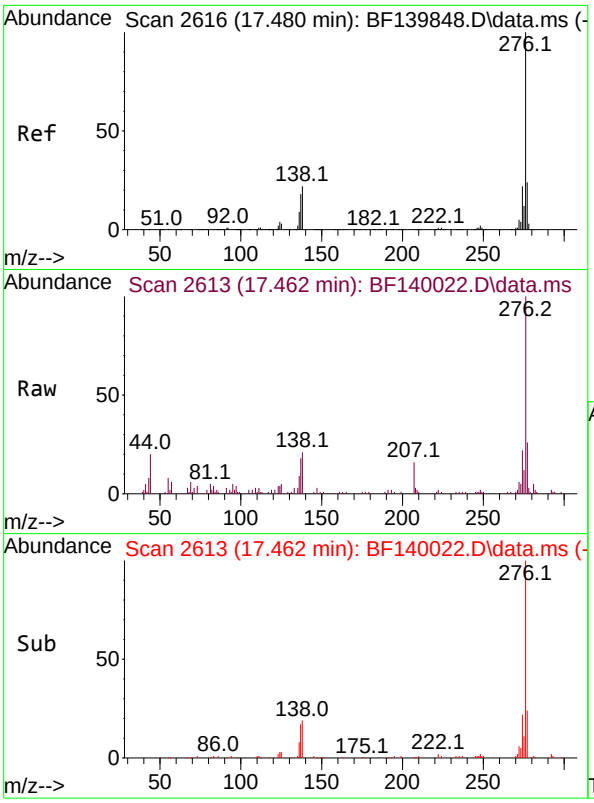


#90
Benzo(a)pyrene
Concen: 10.493 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Tgt Ion:252 Resp: 101349

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	9.9	8.7	13.1





#92
Benzo(g,h,i)perylene
Concen: 4.112 ng
RT: 17.462 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF140022.D
Acq: 25 Oct 2024 01:19

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Tgt Ion:276 Resp: 42474

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.0	28.6
138	20.7	17.4	26.0