Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
Data File : BP020503.D
Acq On : 04 Jun 2024 19:42
Operator : MA/JU
Sample : P2680-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Quant Time: Jun 05 01:24:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	278789	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1117562	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	721780	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1550351	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	1450499	20.000	ng	-0.02
86) Perylene-d12	25.004	264	1612519	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1338411	85.956	ng	0.00
7) Phenol-d6	6.928	99	1754942	79.920	ng	0.00
23) Nitrobenzene-d5	8.905	82	1062322	52.034	ng	-0.02
42) 2,4,6-Tribromophenol	15.898	330	612514	81.770	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	2371491	48.980	ng	0.00
79) Terphenyl-d14	19.933	244	3976286	45.635	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	19.328	202	418540	4.642	ng	99
78) Pyrene	19.704	202	395294	3.623	ng	99
83) Chrysene	21.692	228	280378	3.116	ng	97
88) Benzo(b)fluoranthene	23.945	252	407696	4.058	ng	97
90) Benzo(a)pyrene	24.845	252	198696	2.388	ng	100
92) Benzo(g,h,i)perylene	29.951	276	173368	2.121	ng	97

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
Data File : BP020503.D
Acq On : 04 Jun 2024 19:42
Operator : MA/JU
Sample : P2680-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Quant Time: Jun 05 01:24:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
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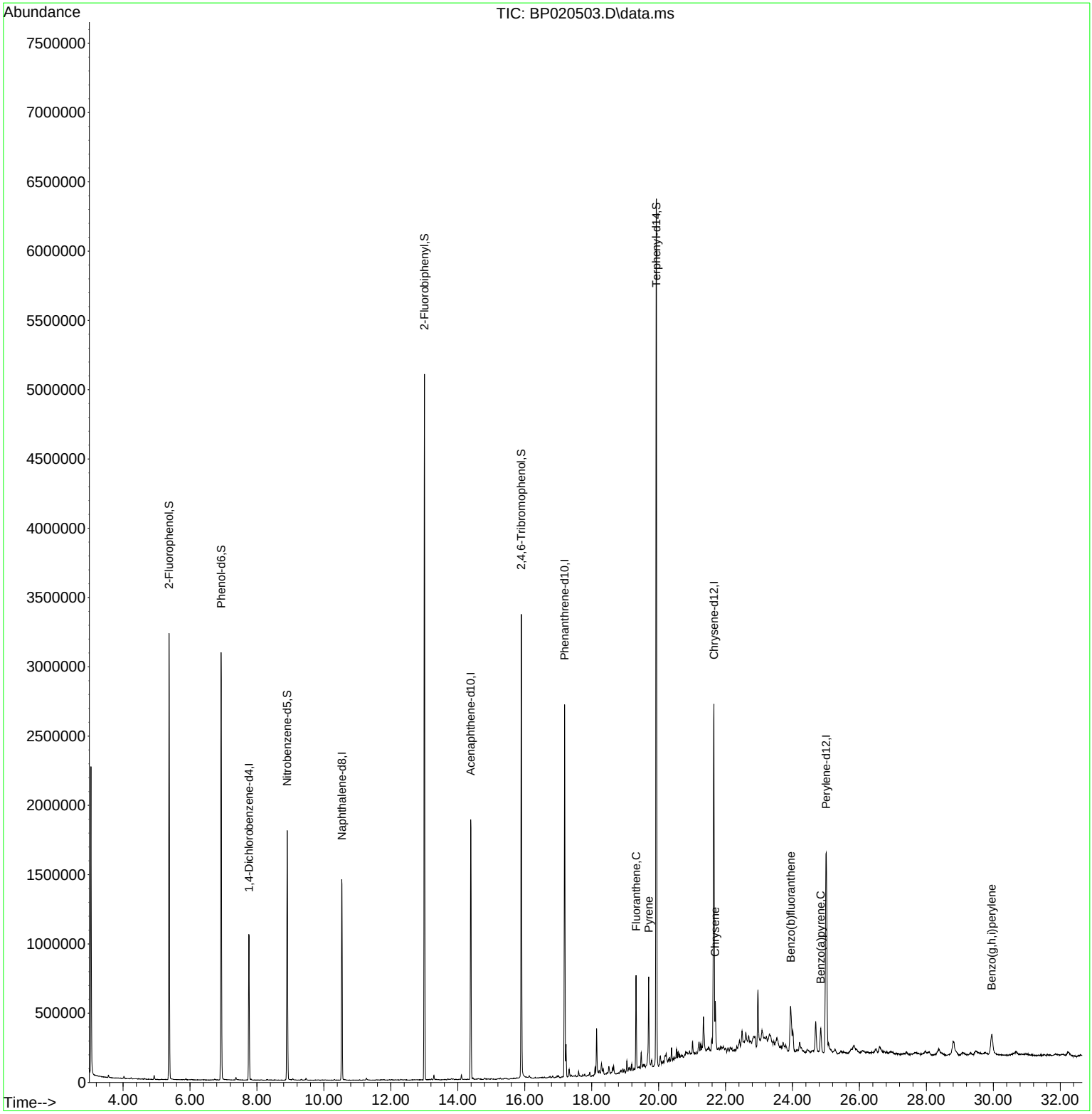
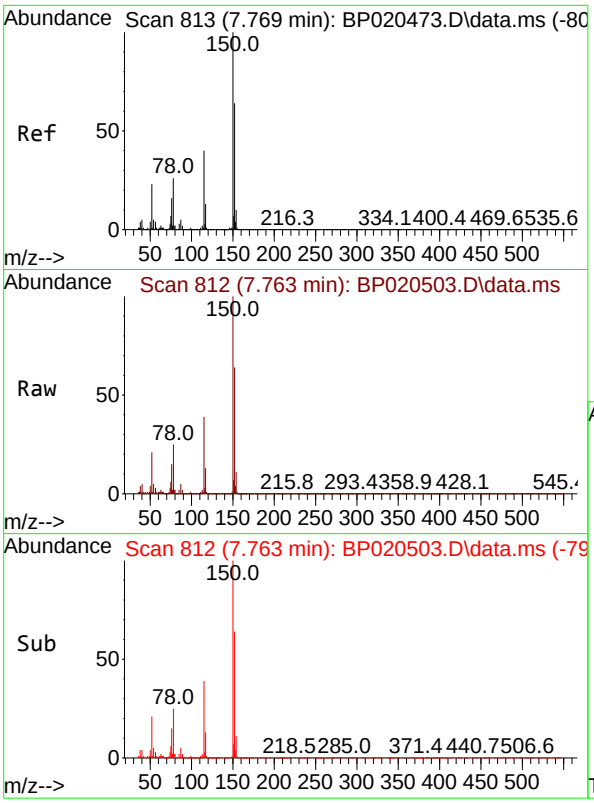


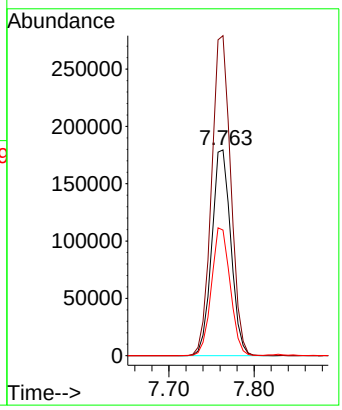


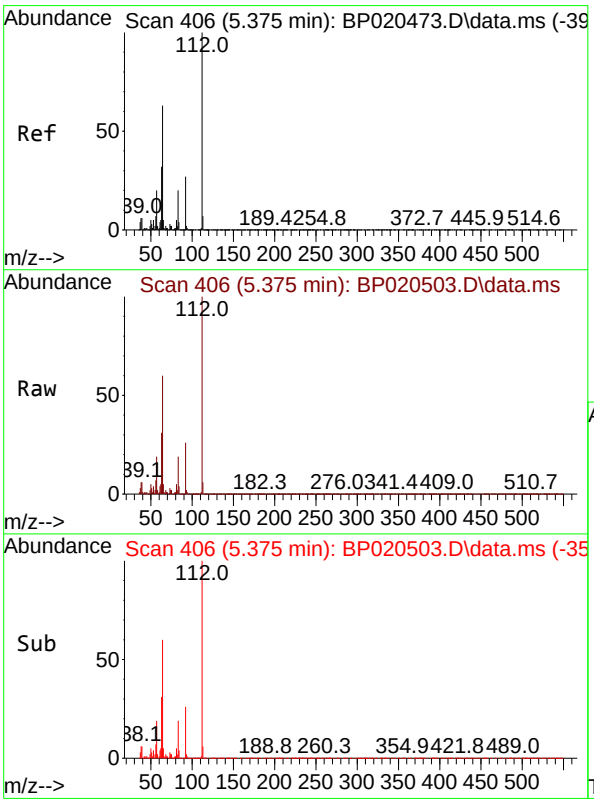
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:152 Resp: 278789

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	61.0	49.5	74.3

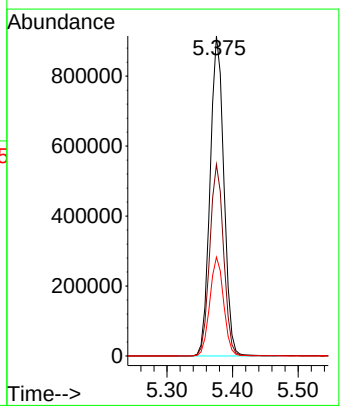


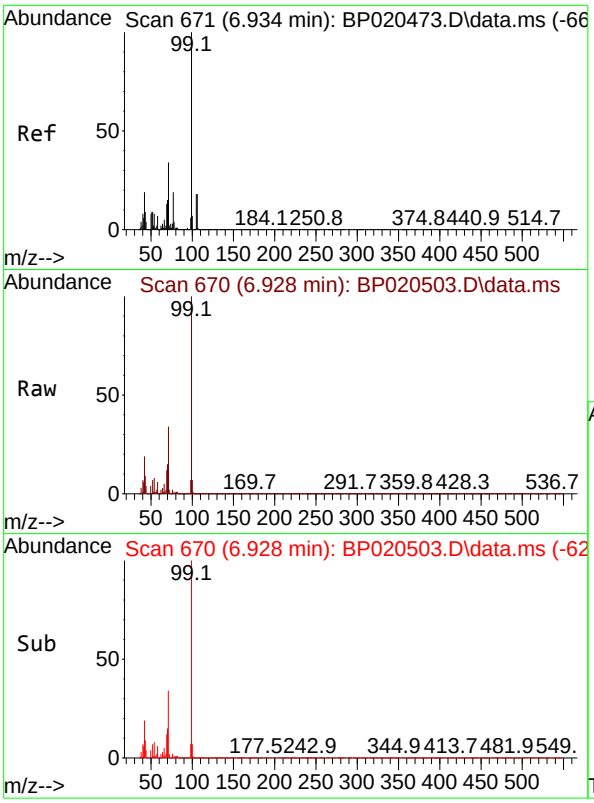


#5
2-Fluorophenol
Concen: 85.956 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion:112 Resp: 1338411

Ion	Ratio	Lower	Upper
112	100		
64	59.8	50.1	75.1
63	30.9	25.7	38.5



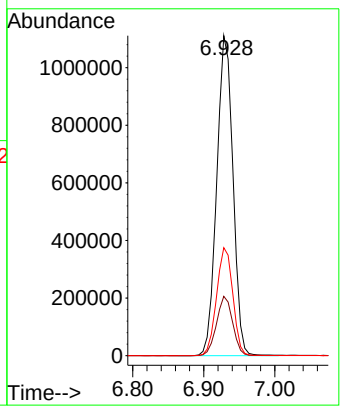


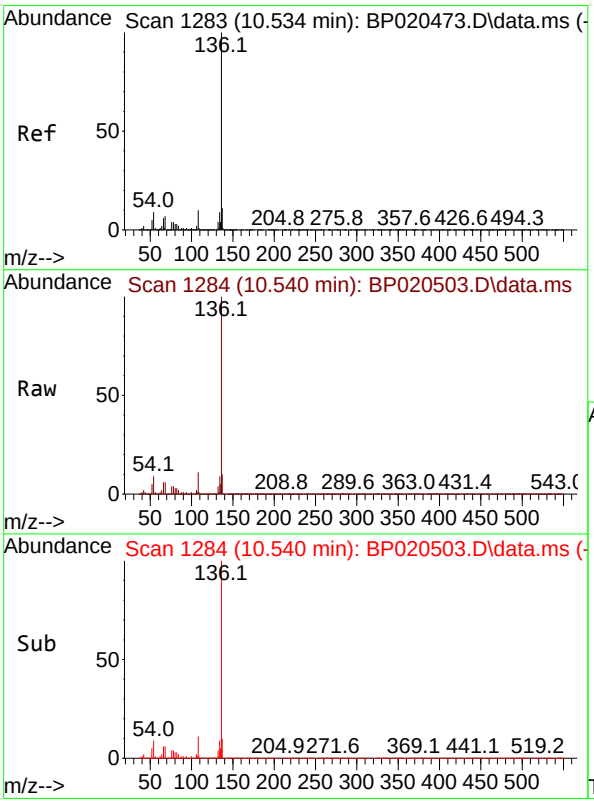
#7
Phenol-d6
Concen: 79.920 ng
RT: 6.928 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion: 99 Resp: 1754942

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	33.7	27.3	40.9

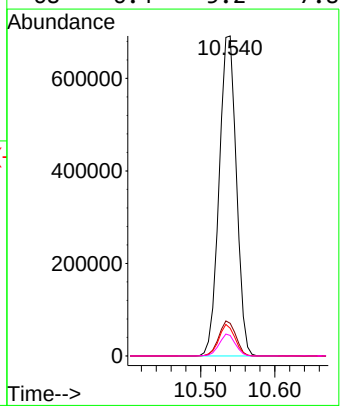


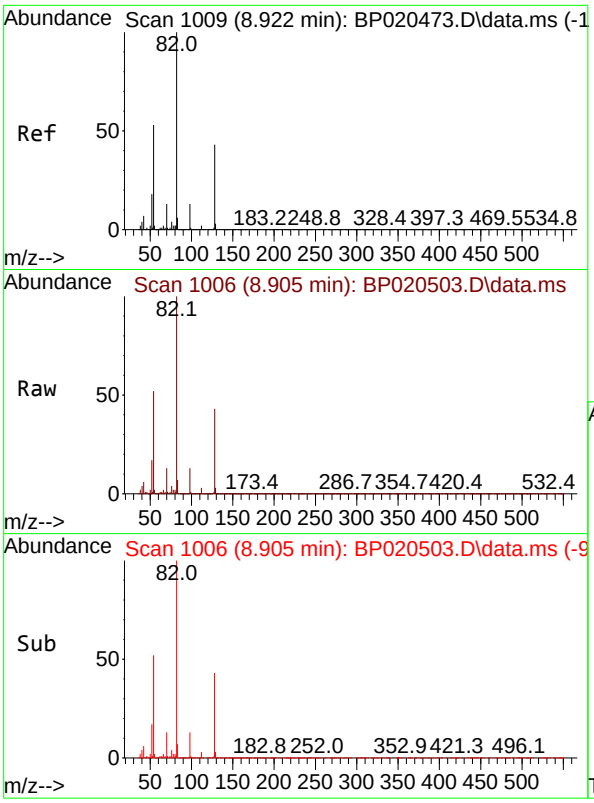


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion:136 Resp: 1117562

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	8.7	7.4	11.0
68	6.4	5.2	7.8



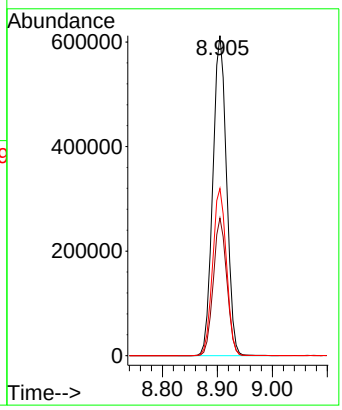


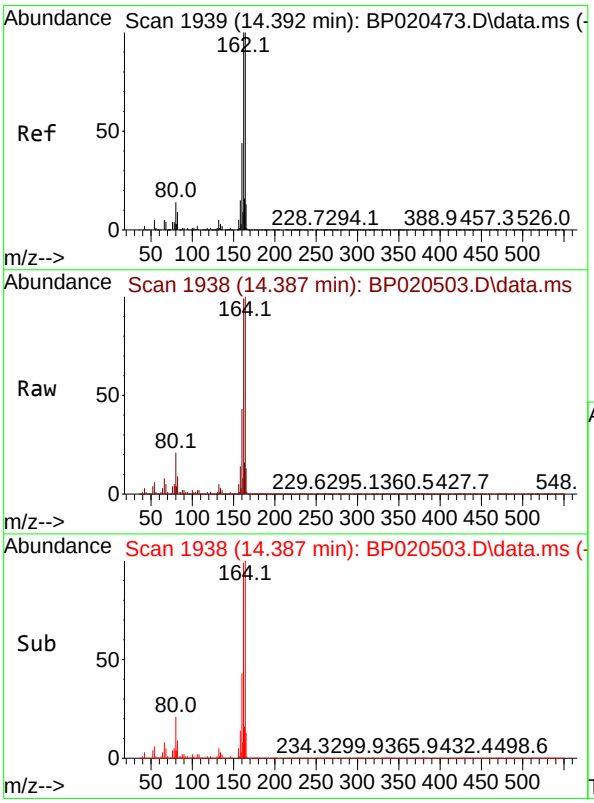
#23
Nitrobenzene-d5
Concen: 52.034 ng
RT: 8.905 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion: 82 Resp: 1062322

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.2	51.4
54	52.3	42.7	64.1

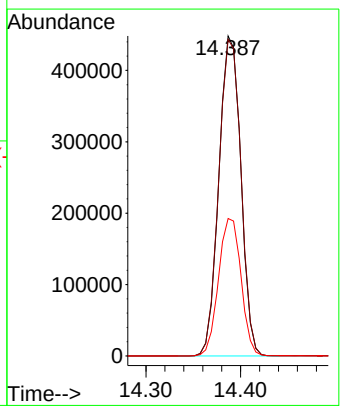


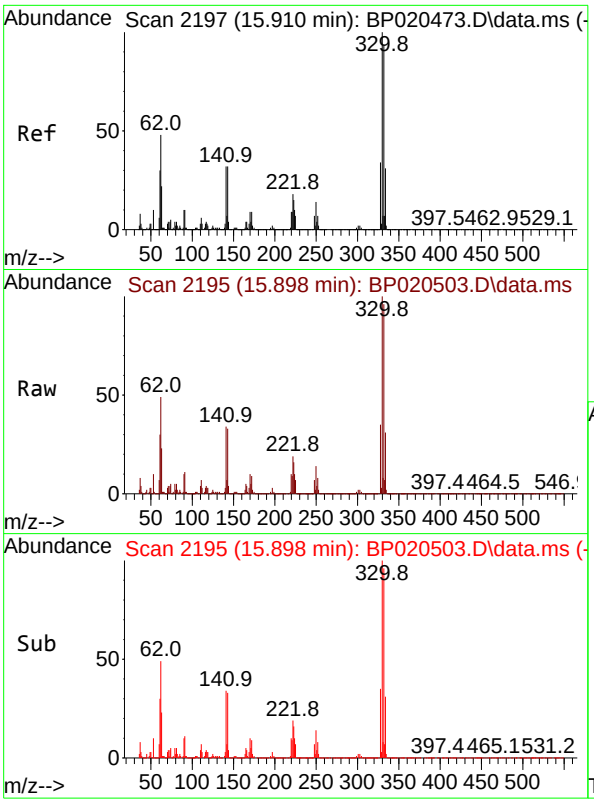


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion:164 Resp: 721780

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.3	120.5
160	43.0	35.4	53.2



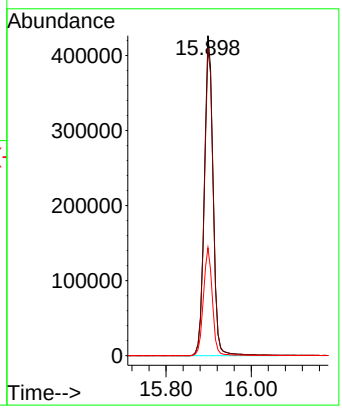


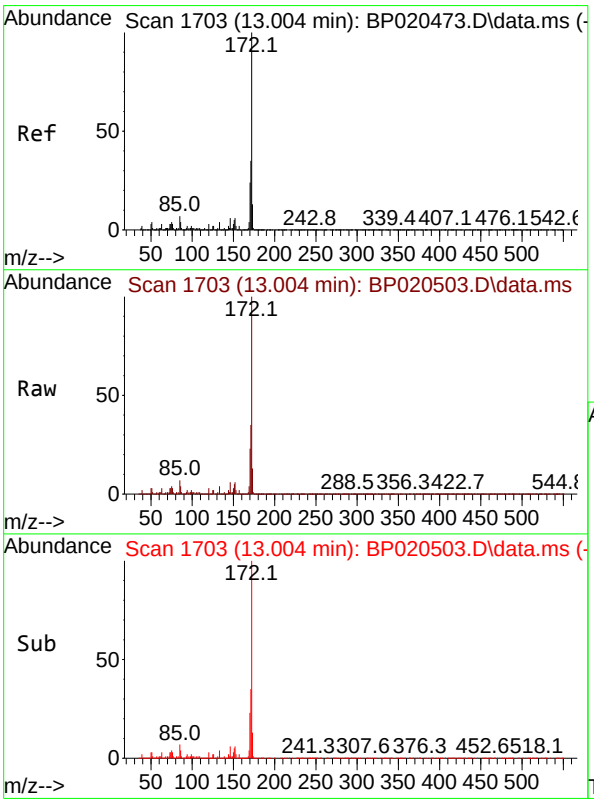
#42
2,4,6-Tribromophenol
Concen: 81.770 ng
RT: 15.898 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:330 Resp: 612514

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	33.9	27.1	40.7

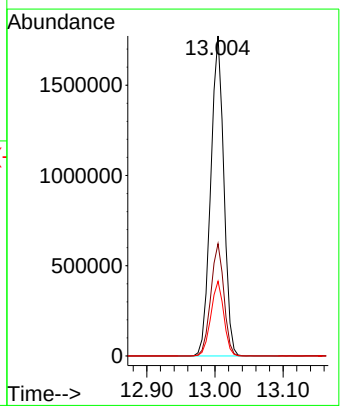


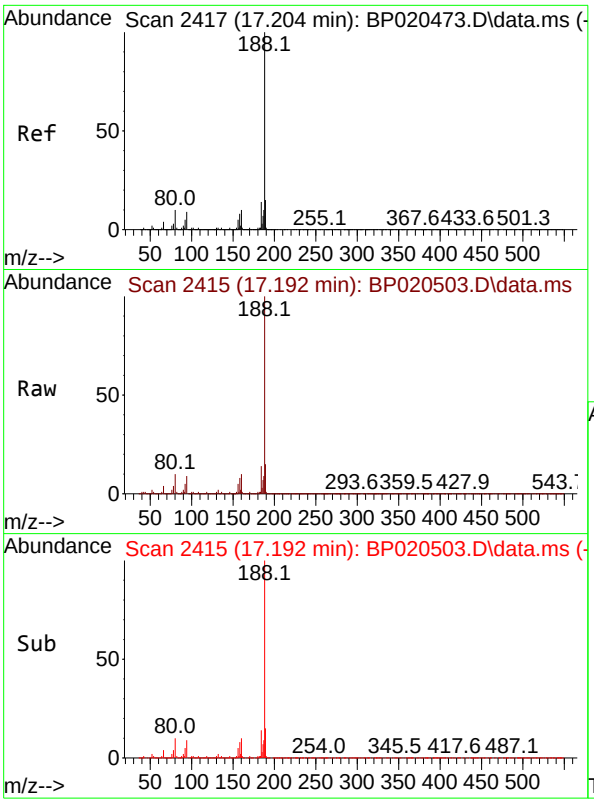


#45
2-Fluorobiphenyl
Concen: 48.980 ng
RT: 13.004 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion:172 Resp: 2371491

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.4	42.6
170	23.4	18.9	28.3



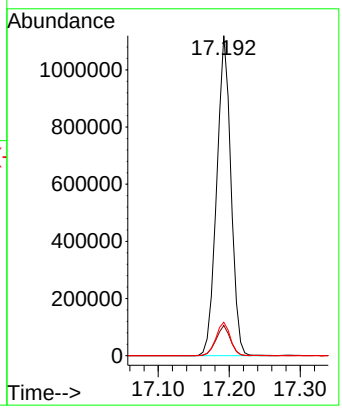


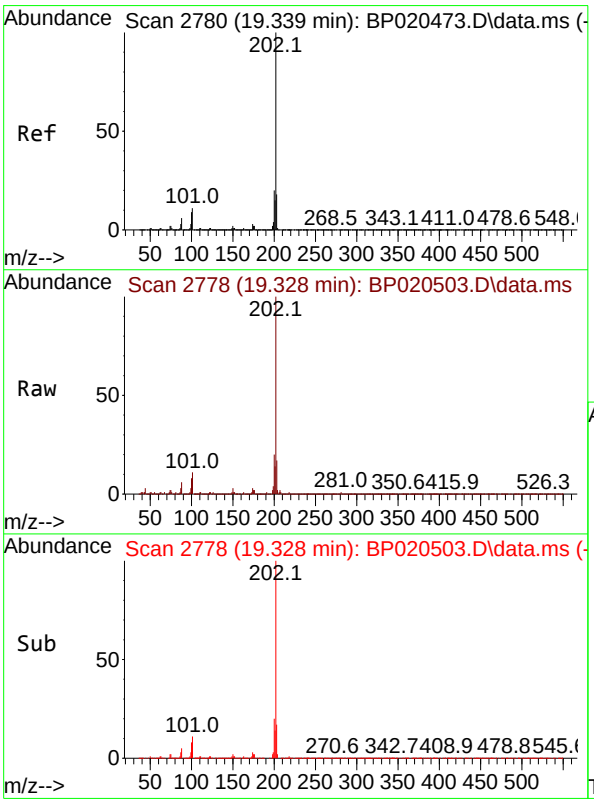
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:188 Resp: 1550351

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.5	8.1	12.1

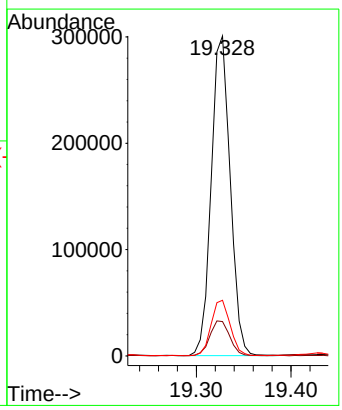


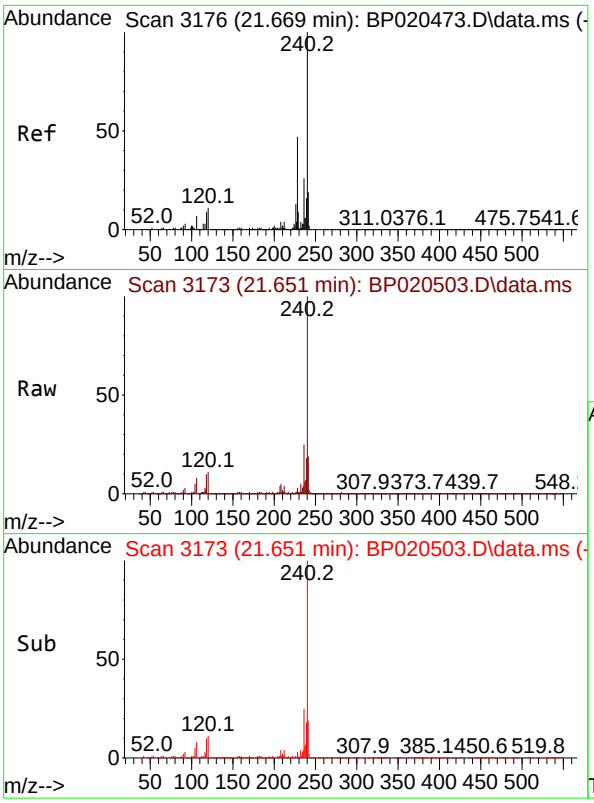


#75
Fluoranthene
Concen: 4.642 ng
RT: 19.328 min Scan# 2778
Delta R.T. -0.012 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion:202 Resp: 418540

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.4	0.0	37.7



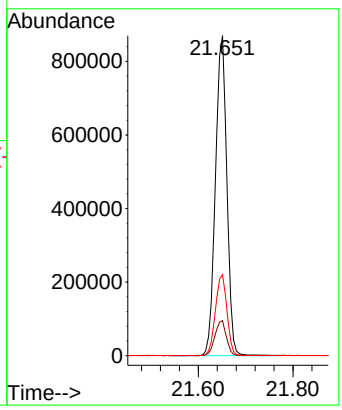


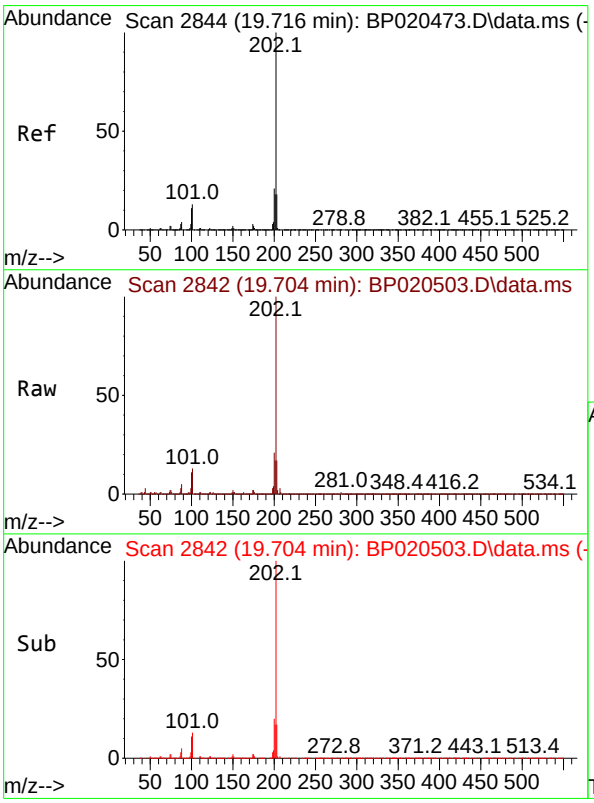
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:240 Resp: 1450499

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.5	12.7
236	25.3	20.5	30.7

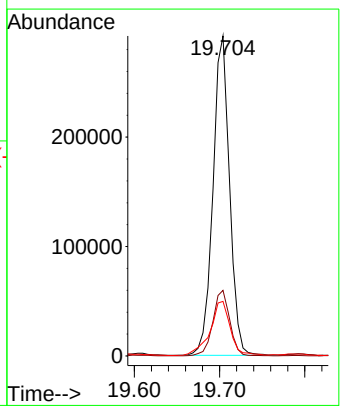


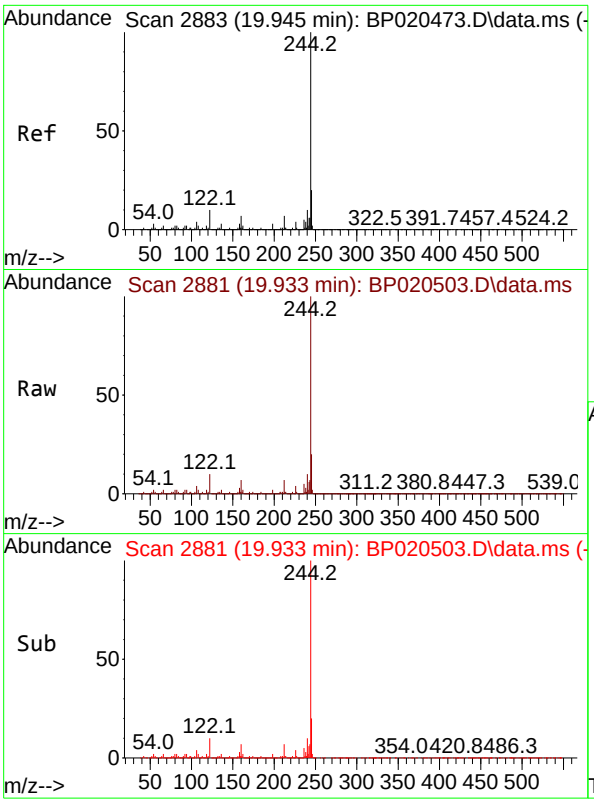


#78
Pyrene
Concen: 3.623 ng
RT: 19.704 min Scan# 2842
Delta R.T. -0.012 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion:202 Resp: 395294

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	17.1	14.1	21.1



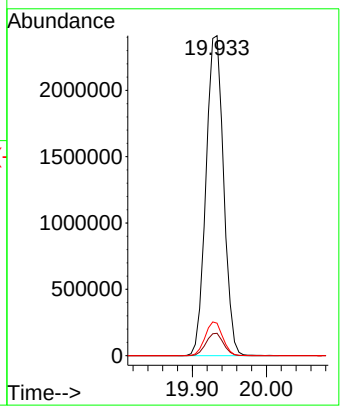


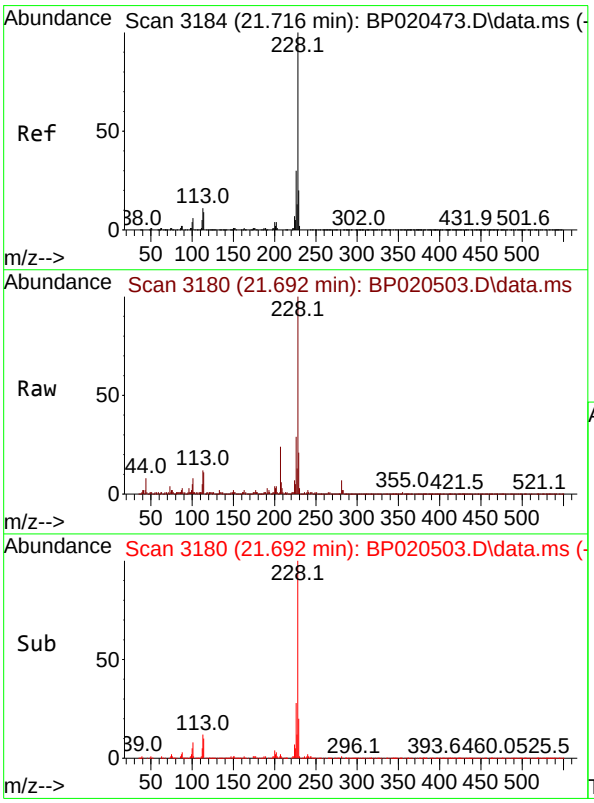
#79
Terphenyl-d14
Concen: 45.635 ng
RT: 19.933 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:244 Resp: 3976286

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.1	8.2	12.2

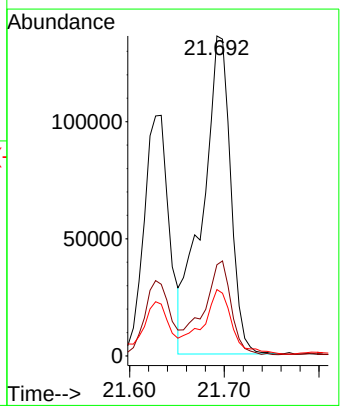


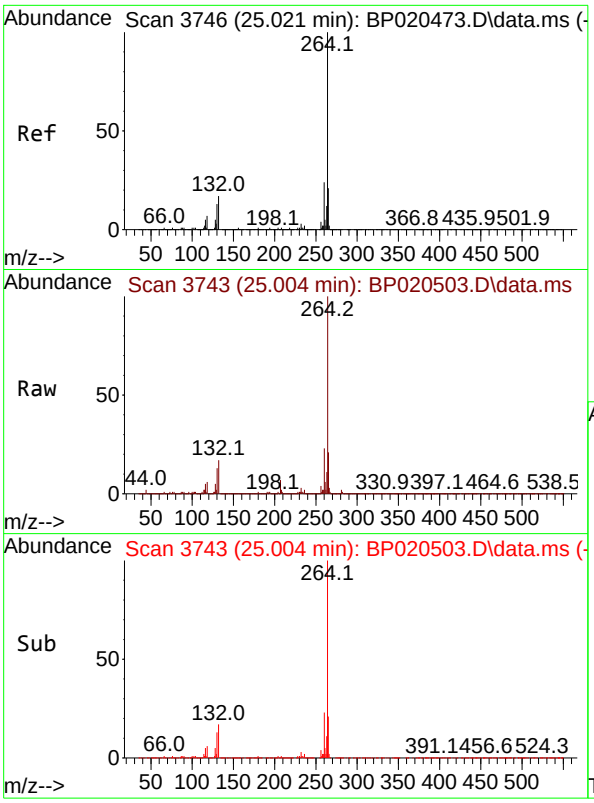


#83
Chrysene
Concen: 3.116 ng
RT: 21.692 min Scan# 3180
Delta R.T. -0.023 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion:228 Resp: 280378

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.0	36.0
229	20.7	15.7	23.5



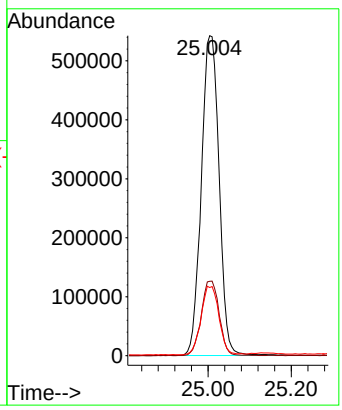


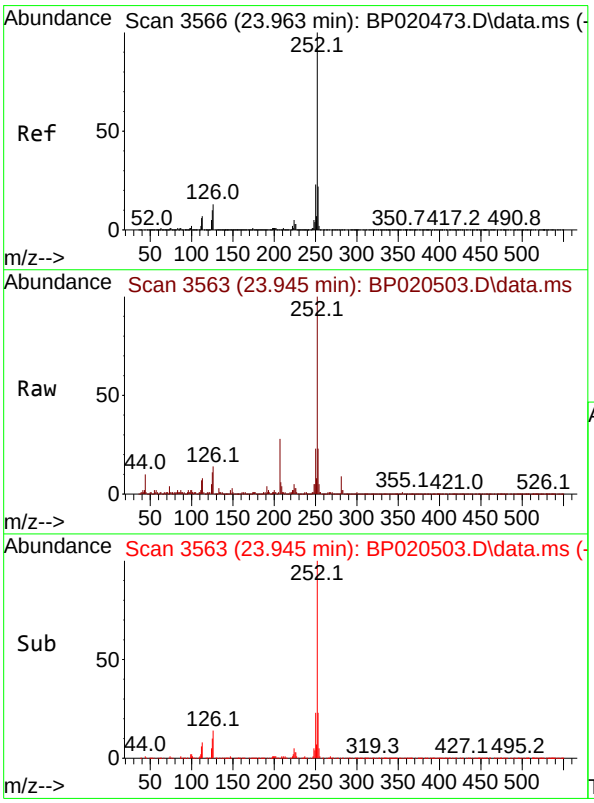
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.004 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:264 Resp: 1612519

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.3	17.4	26.0

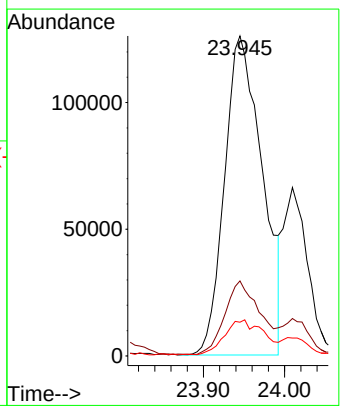


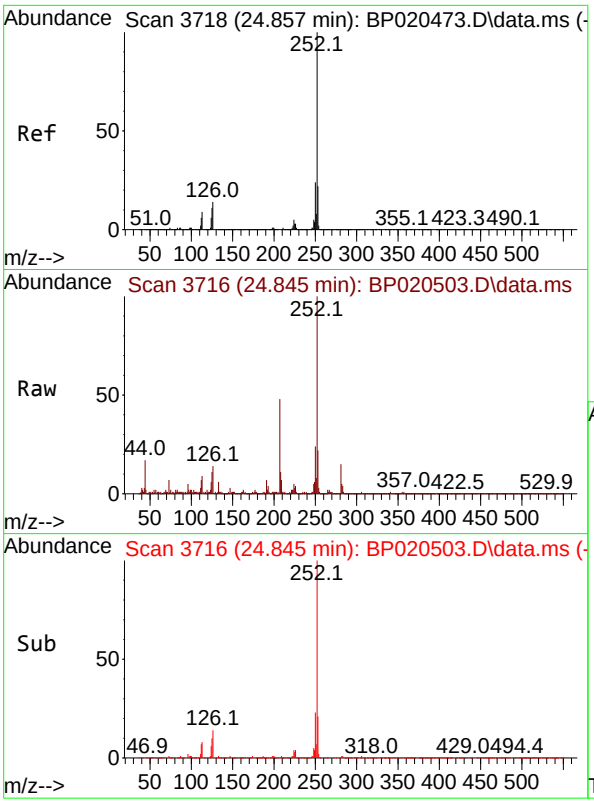


#88
Benzo(b)fluoranthene
Concen: 4.058 ng
RT: 23.945 min Scan# 3563
Delta R.T. -0.018 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion:252 Resp: 407696

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	10.6	8.0	12.0



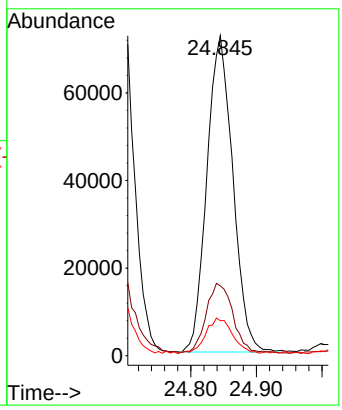


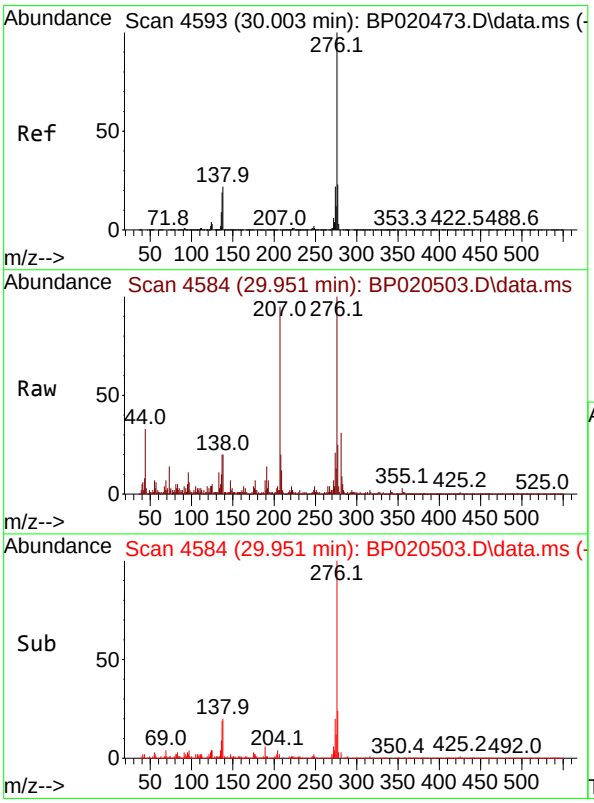
#90
Benzo(a)pyrene
Concen: 2.388 ng
RT: 24.845 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:252 Resp: 198696

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	11.0	8.9	13.3





#92
Benzo(g,h,i)perylene
Concen: 2.121 ng
RT: 29.951 min Scan# 4584
Delta R.T. -0.053 min
Lab File: BP020503.D
Acq: 04 Jun 2024 19:42

Tgt Ion:276 Resp: 173368

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.7	28.1
138	20.3	17.7	26.5