Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021324\
Data File : BP019686.D
Acq On : 13 Feb 2024 19:58
Operator : MA/JU
Sample : P1454-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Quant Time: Feb 13 23:27:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	67299	20.000	ng		-0.01
21) Naphthalene-d8	10.698	136	247207	20.000	ng		-0.02
39) Acenaphthene-d10	14.534	164	158519	20.000	ng		-0.02
64) Phenanthrene-d10	17.292	188	369126	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	397861	20.000	ng		0.00
86) Perylene-d12	23.804	264	474146	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	516238	123.647	ng		-0.01
7) Phenol-d6	7.075	99	671590	119.298	ng		-0.01
23) Nitrobenzene-d5	9.069	82	462217	81.019	ng		-0.02
42) 2,4,6-Tribromophenol	16.034	330	371310	160.428	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1047364	81.680	ng		-0.02
79) Terphenyl-d14	19.863	244	1939779	80.180	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	12.363	142	28122	2.997	ng		99
52) Acenaphthene	14.598	154	82463	9.119	ng		96
55) Dibenzofuran	14.934	168	123881	8.411	ng	#	95
56) 4-Nitrophenol	14.934	139	50649	25.220	ng	#	1
58) Fluorene	15.586	166	166107	14.159	ng		99
71) Phenanthrene	17.339	178	959850	49.411	ng		99
72) Anthracene	17.428	178	151712	7.829	ng		98
73) Carbazole	17.704	167	58033	3.297	ng		97
75) Fluoranthene	19.304	202	1407111	59.295	ng		99
78) Pyrene	19.657	202	942700	33.573	ng		100
81) Benzo(a)anthracene	21.369	228	339056	12.106	ng		98
83) Chrysene	21.421	228	325735	12.250	ng		99
87) Indeno(1,2,3-cd)pyrene	26.321	276	94053	2.591	ng	#	95
88) Benzo(b)fluoranthene	23.063	252	277769	9.295	ng		98
89) Benzo(k)fluoranthene	23.063	252	277769	9.731	ng		97
90) Benzo(a)pyrene	23.692	252	149055	5.606	ng		98
92) Benzo(g,h,i)perylene	27.092	276	85305	2.817	ng		100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021324\
Data File : BP019686.D
Acq On : 13 Feb 2024 19:58
Operator : MA/JU
Sample : P1454-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
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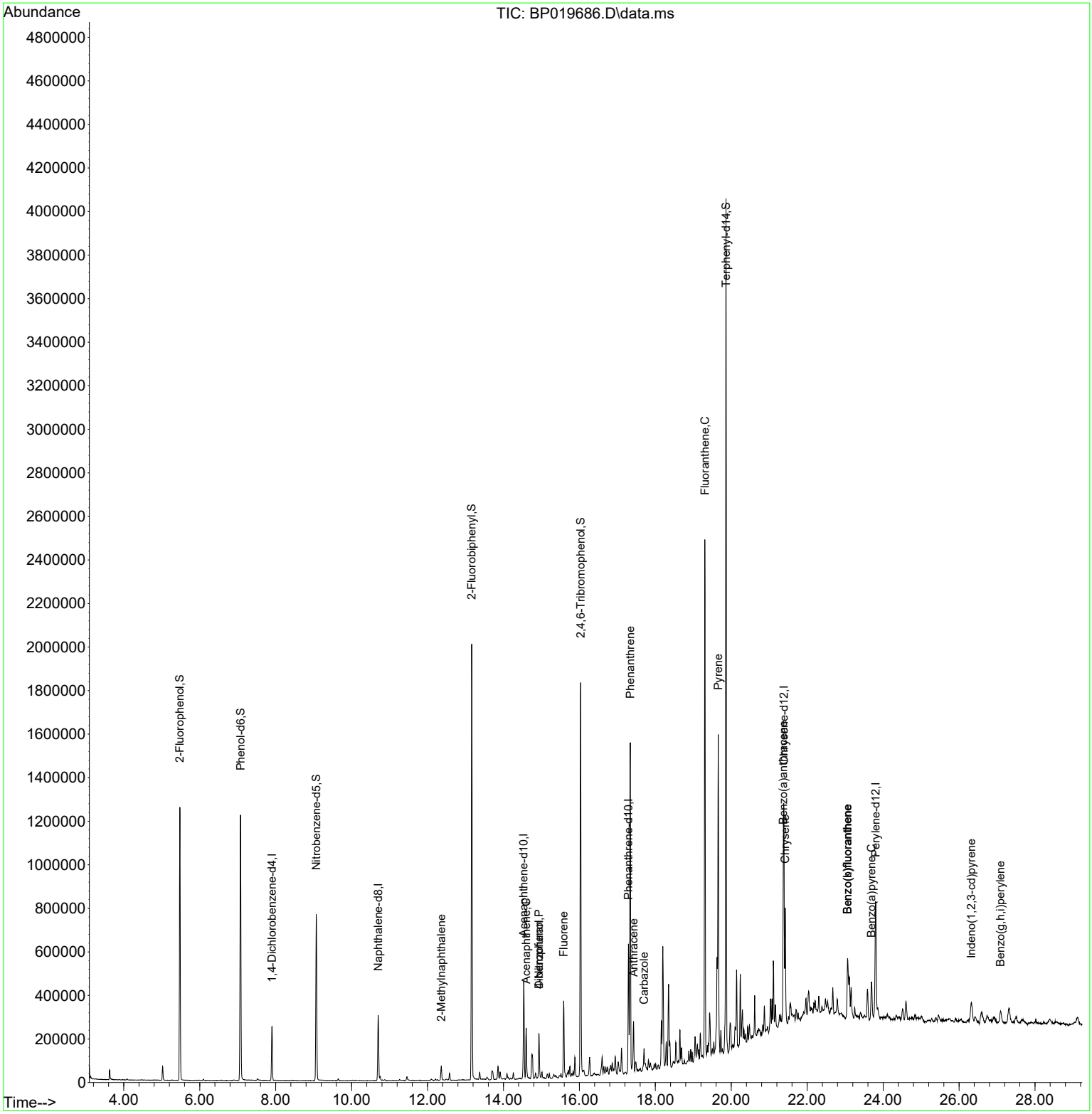
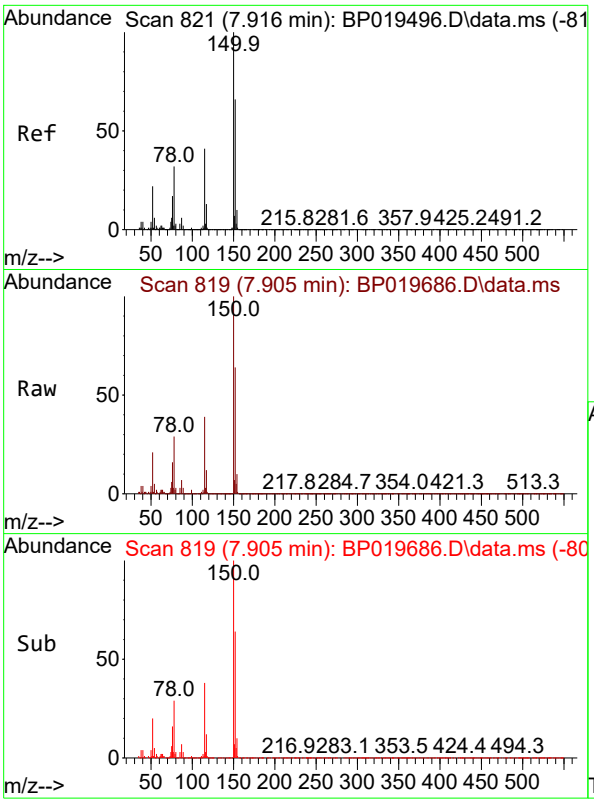
VNJ-241

Quant Time: Feb 13 23:27:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration



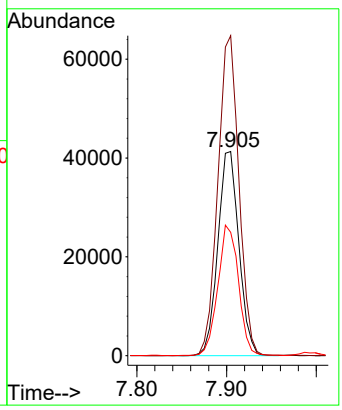


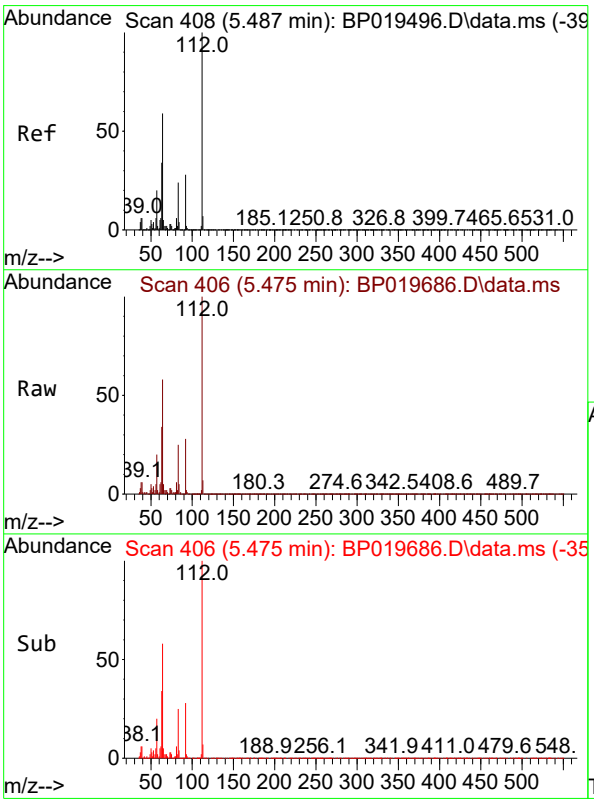
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 8
Delta R.T. -0.011 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:152 Resp: 67299

Ion	Ratio	Lower	Upper
152	100		
150	156.7	121.8	182.8
115	60.4	49.9	74.9

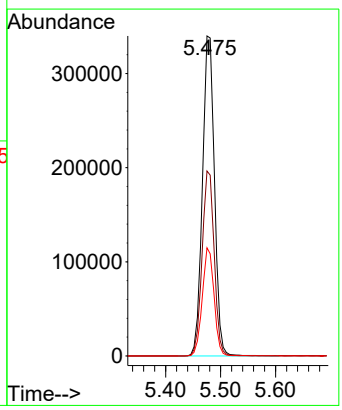


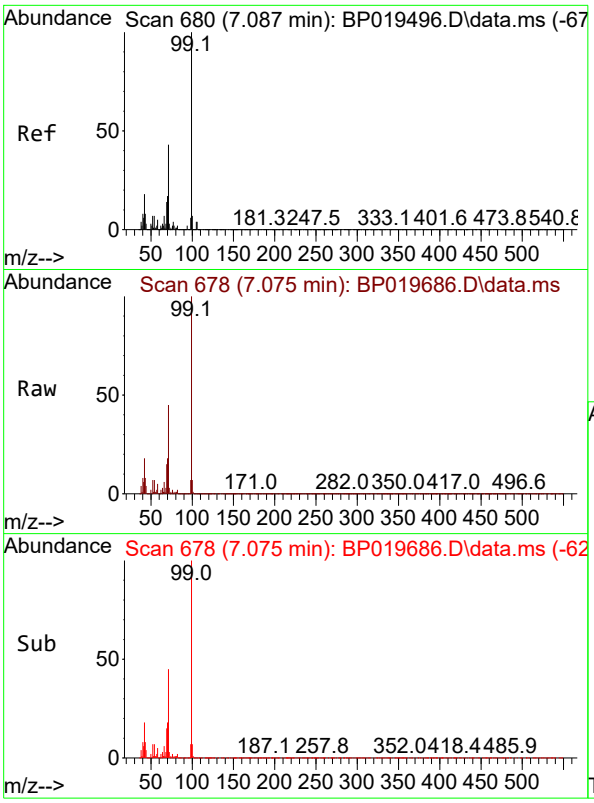


#5
2-Fluorophenol
Concen: 123.647 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Tgt Ion:112 Resp: 516238

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.4	71.0
63	33.8	27.0	40.6



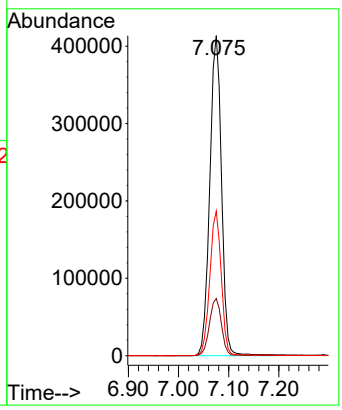


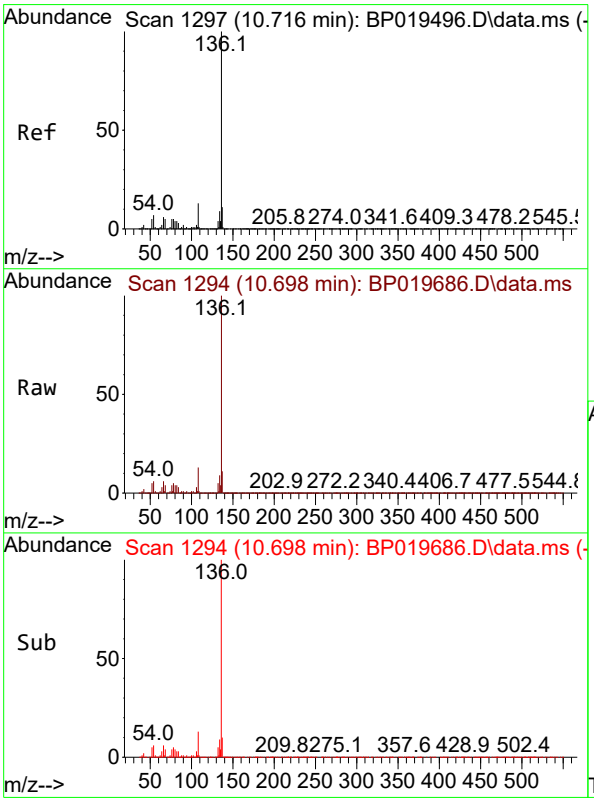
#7
Phenol-d6
Concen: 119.298 ng
RT: 7.075 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion: 99 Resp: 671590

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.7	22.1
71	45.2	34.8	52.2

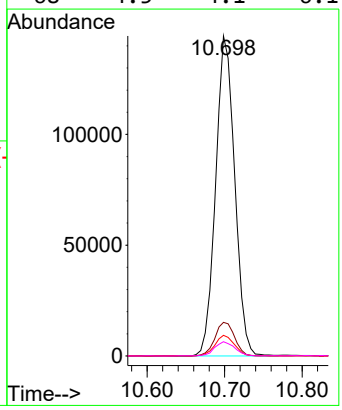


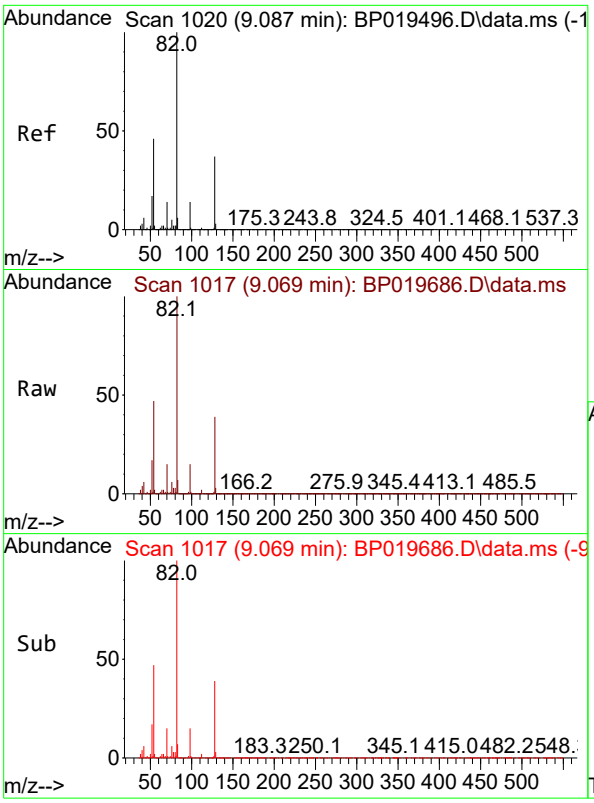


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Tgt Ion:136 Resp: 247207

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.5	5.3	7.9
68	4.5	4.1	6.1



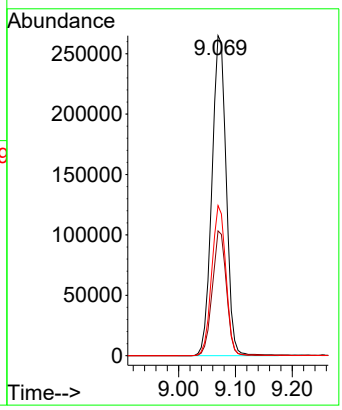


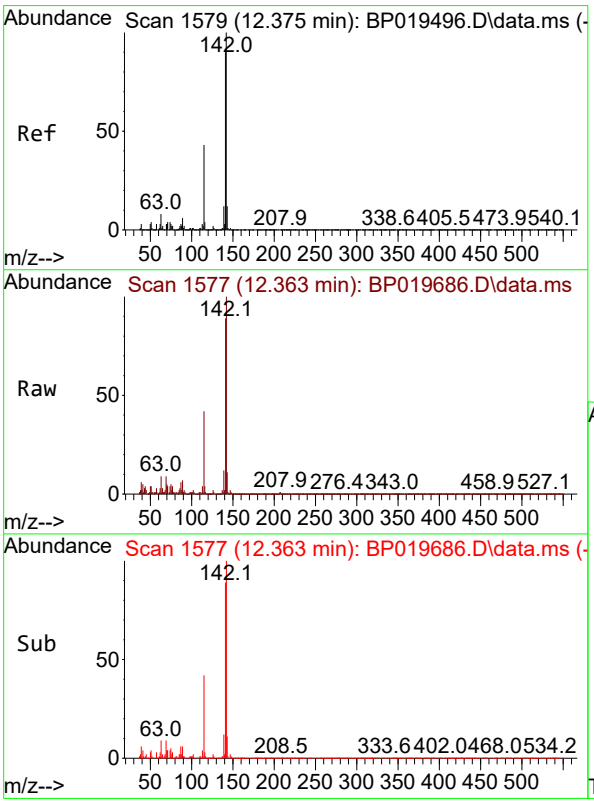
#23
Nitrobenzene-d5
Concen: 81.019 ng
RT: 9.069 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion: 82 Resp: 462217

Ion	Ratio	Lower	Upper
82	100		
128	39.0	29.7	44.5
54	46.9	36.8	55.2

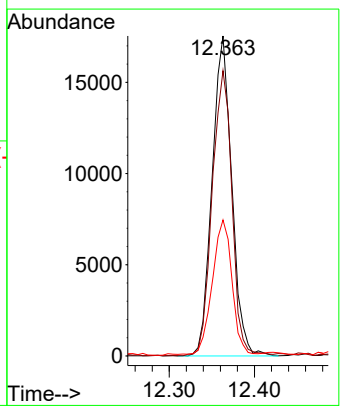


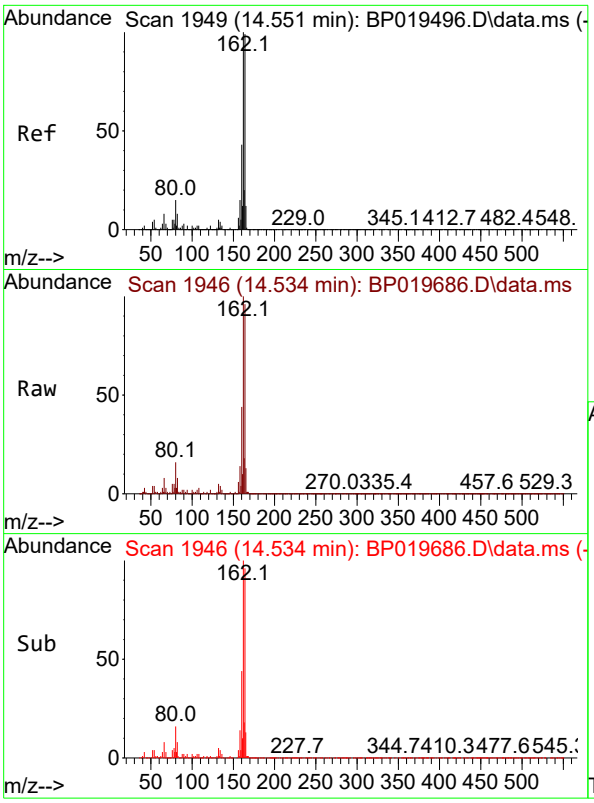


#37
2-Methylnaphthalene
Concen: 2.997 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Tgt Ion:142 Resp: 28122

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.4
115	42.5	34.2	51.2



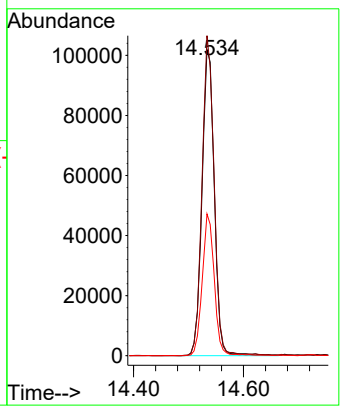


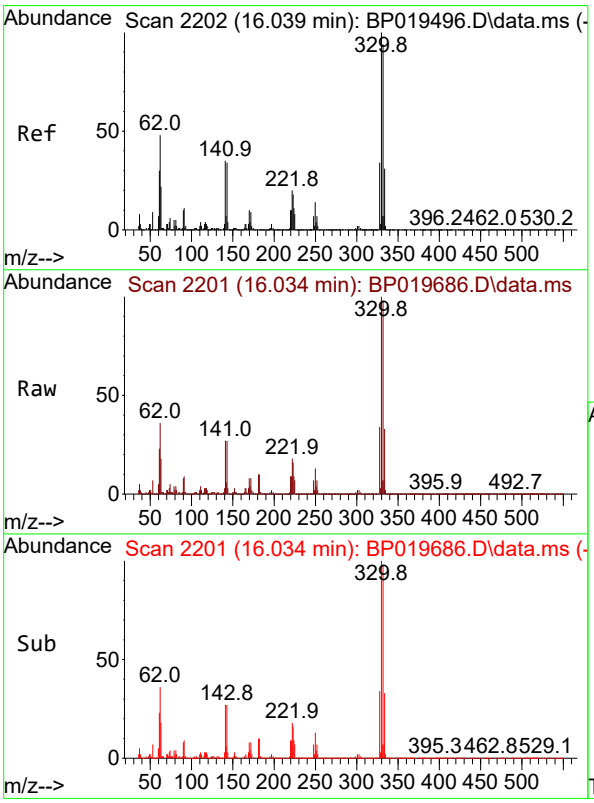
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:164 Resp: 158519

Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.2	121.8
160	46.3	35.1	52.7

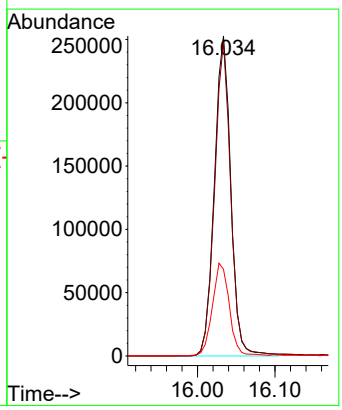


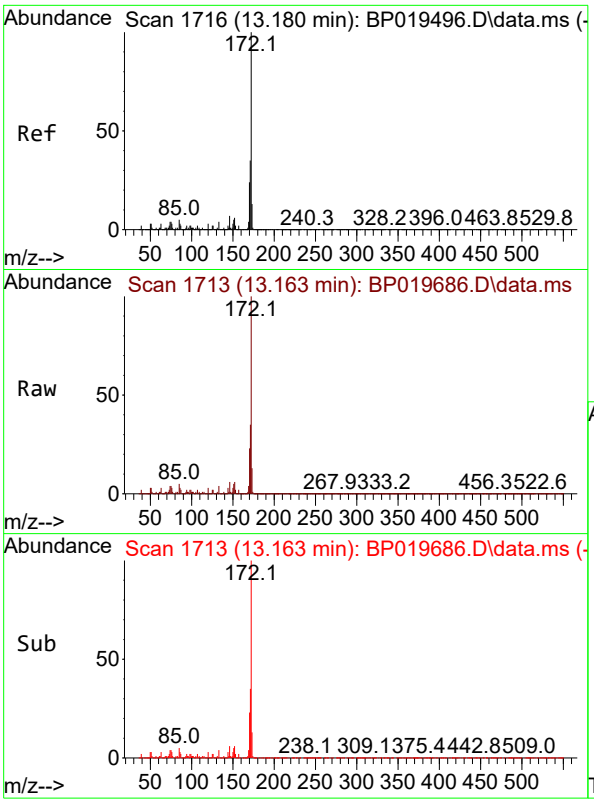


#42
2,4,6-Tribromophenol
Concen: 160.428 ng
RT: 16.034 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Tgt Ion:330 Resp: 371310

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.2	115.8
141	29.8	27.0	40.4



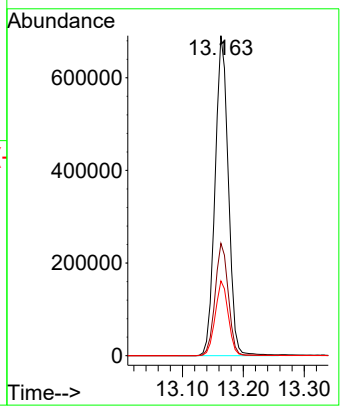


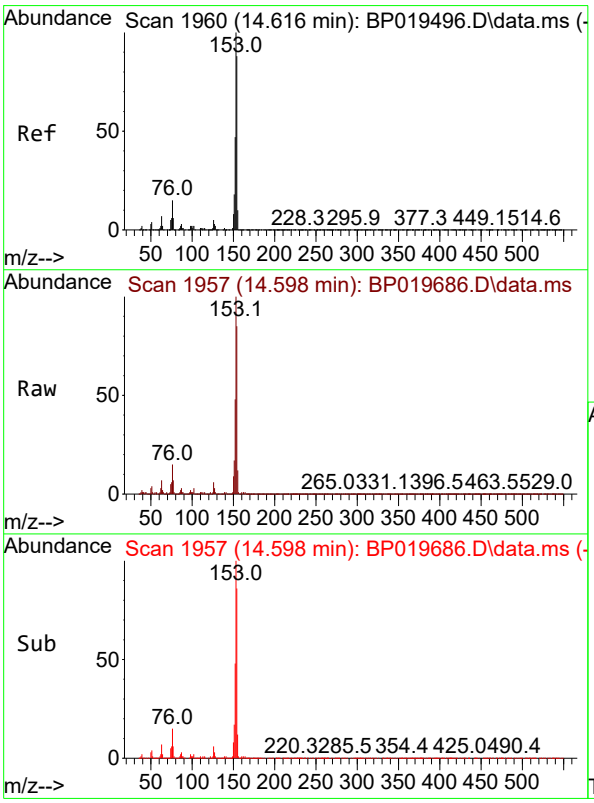
#45
2-Fluorobiphenyl
Concen: 81.680 ng
RT: 13.163 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:172 Resp: 1047364

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	23.4	18.9	28.3

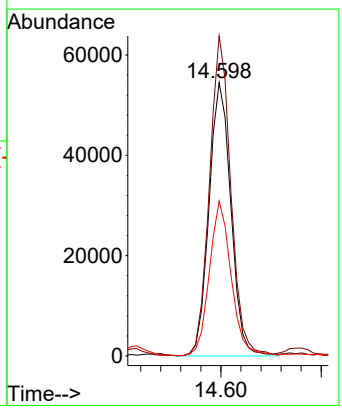


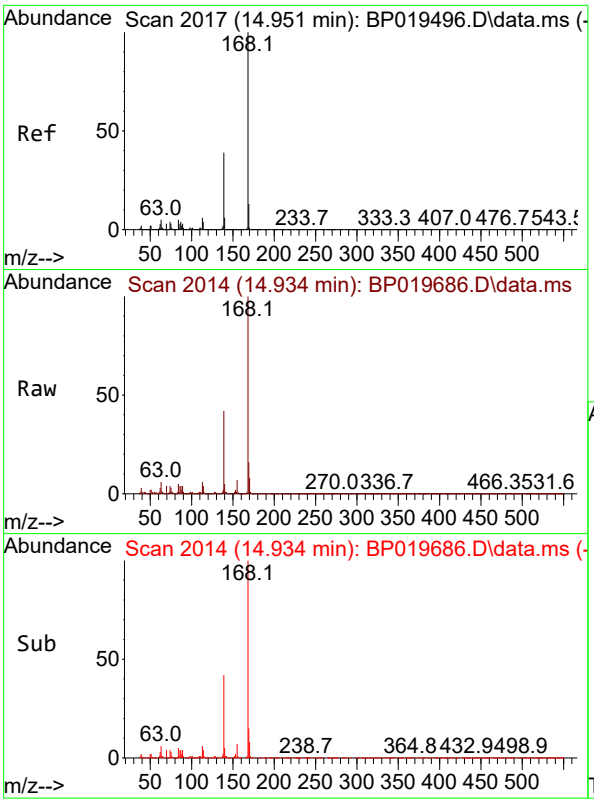


#52
Acenaphthene
Concen: 9.119 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.017 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Tgt Ion:154 Resp: 82463

Ion	Ratio	Lower	Upper
154	100		
153	117.0	90.5	135.7
152	56.6	42.1	63.1



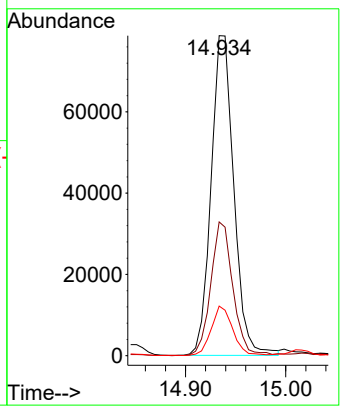


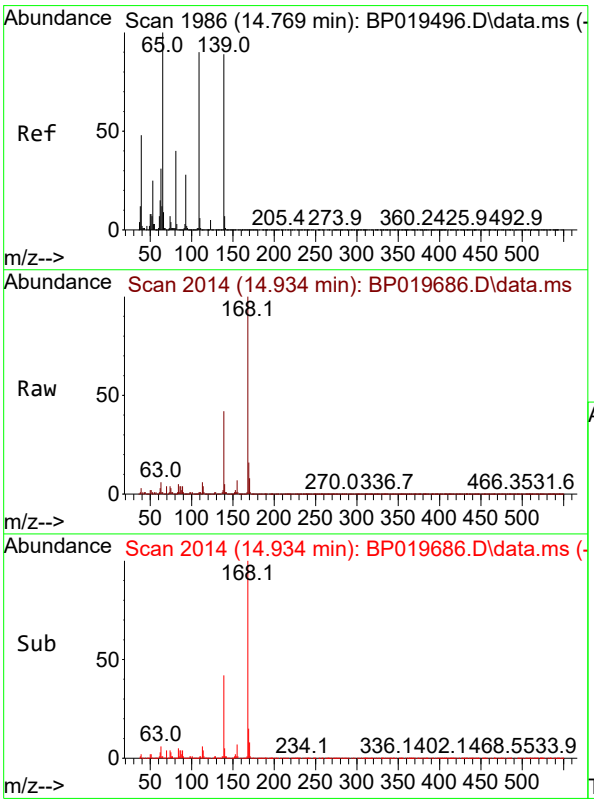
#55
Dibenzofuran
Concen: 8.411 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:168 Resp: 123881

Ion	Ratio	Lower	Upper
168	100		
139	41.8	31.5	47.3
169	15.5	10.3	15.5#

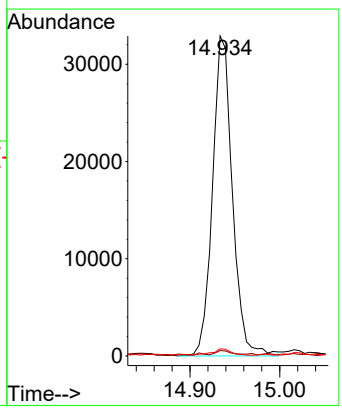


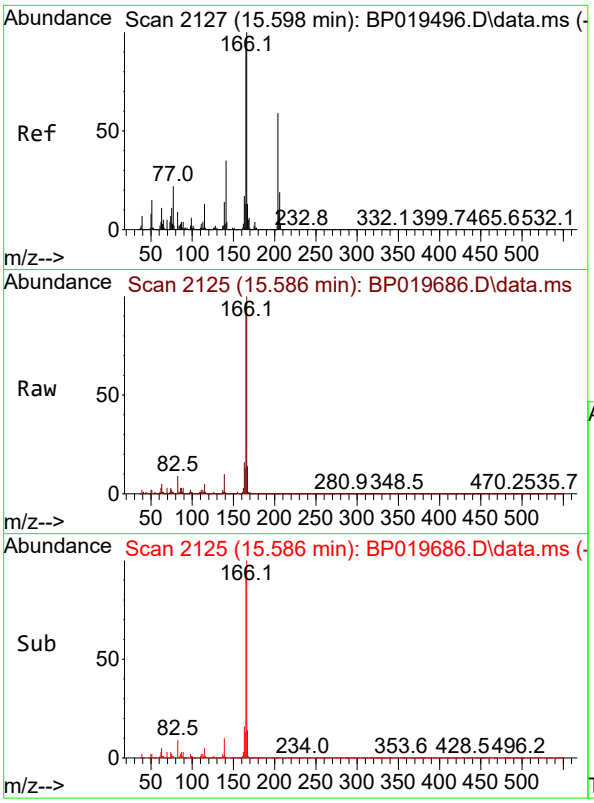


#56
4-Nitrophenol
Concen: 25.220 ng
RT: 14.934 min Scan# 2014
Delta R.T. 0.165 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Tgt Ion:139 Resp: 50649

Ion	Ratio	Lower	Upper
139	100		
109	1.7	82.0	122.0#
65	2.3	92.9	132.9#



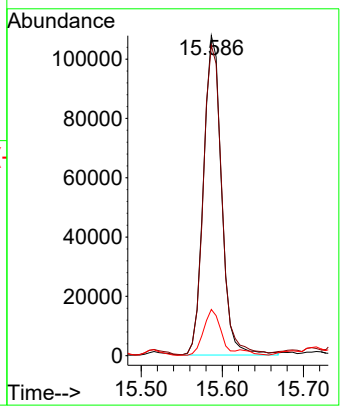


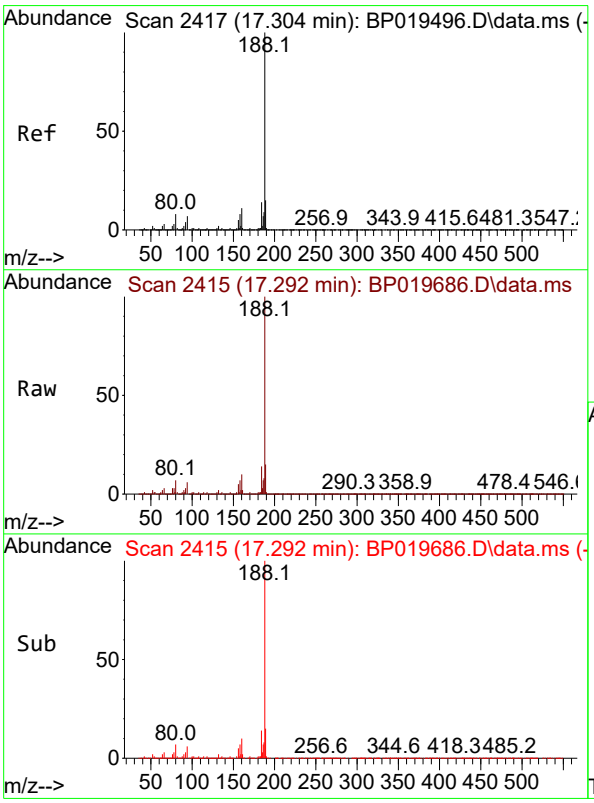
#58
Fluorene
Concen: 14.159 ng
RT: 15.586 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:166 Resp: 166107

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.8	116.8
167	14.5	10.7	16.1

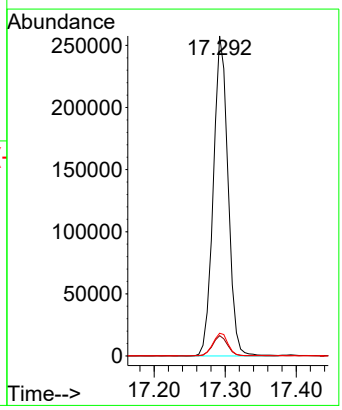


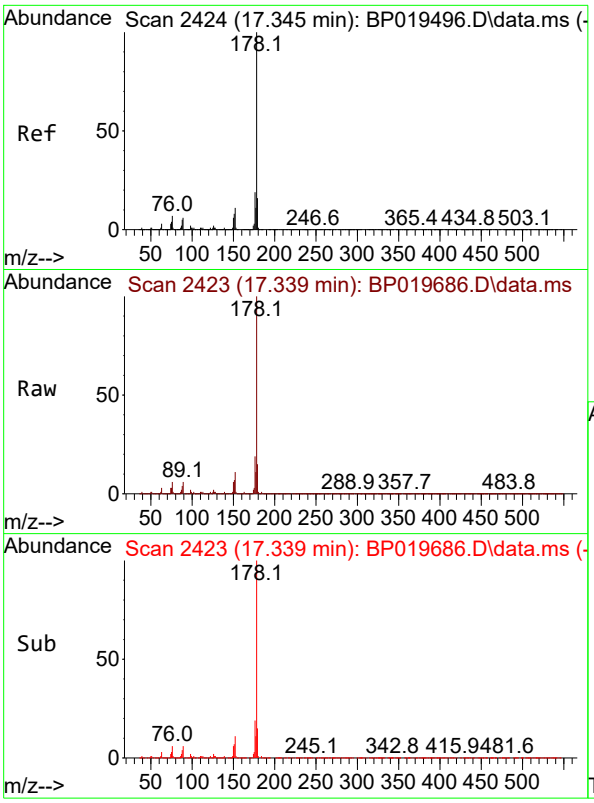


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Tgt Ion:188 Resp: 369126

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.4	8.2
80	7.1	6.3	9.5



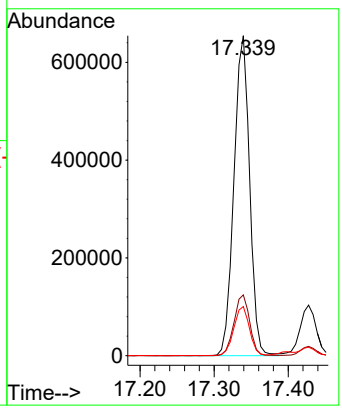


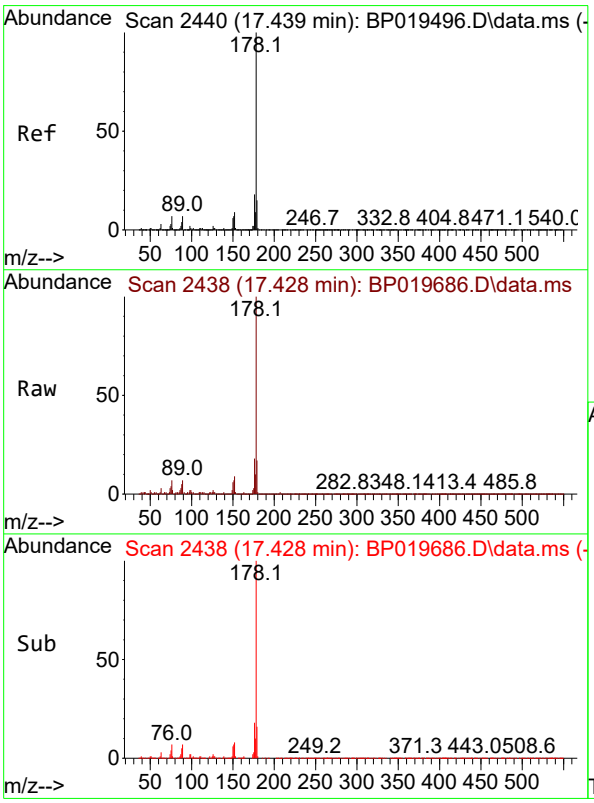
#71
Phenanthrene
Concen: 49.411 ng
RT: 17.339 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:178 Resp: 959850

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.4	12.6	19.0

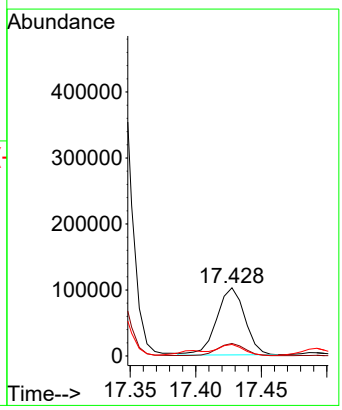


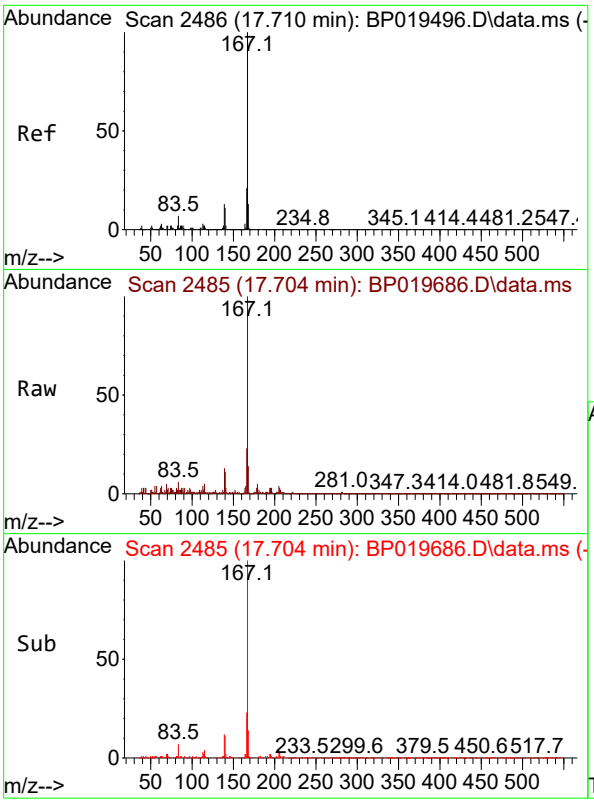


#72
Anthracene
Concen: 7.829 ng
RT: 17.428 min Scan# 2438
Delta R.T. -0.012 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Tgt Ion:178 Resp: 151712

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	16.8	12.2	18.2



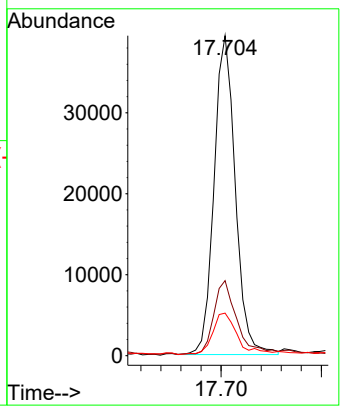


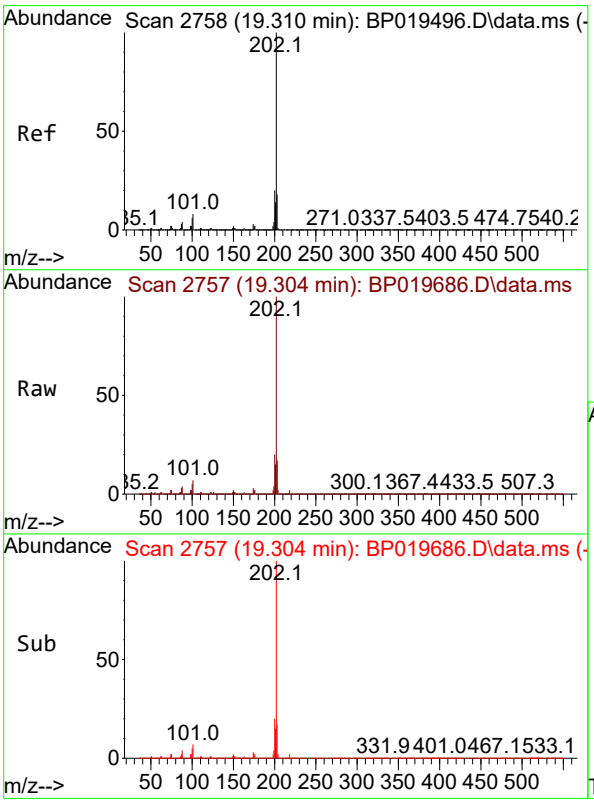
#73
Carbazole
Concen: 3.297 ng
RT: 17.704 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:167 Resp: 58033

Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.2	25.8
139	13.3	10.6	15.8

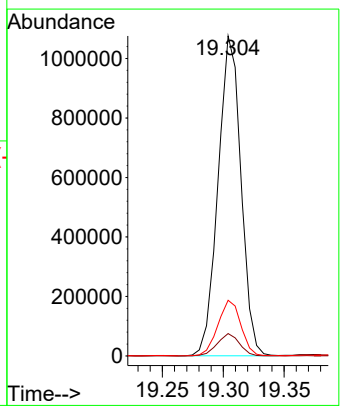


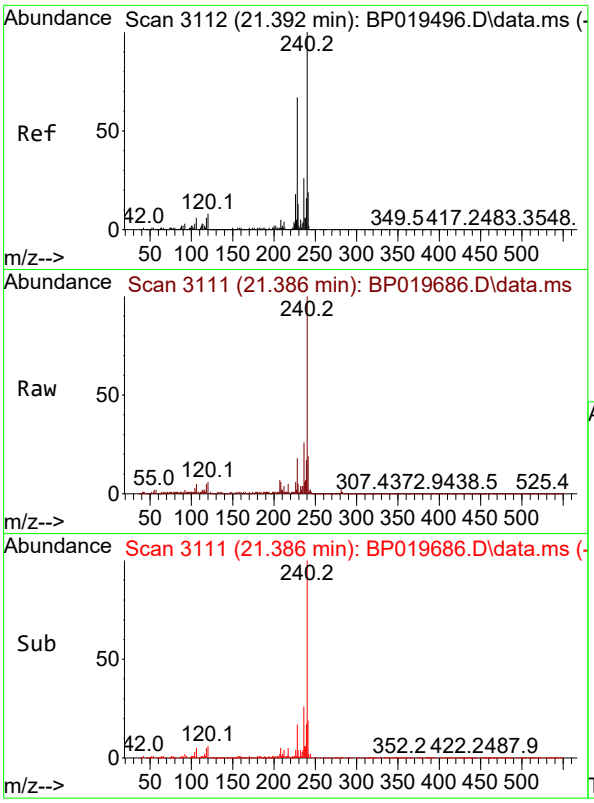


#75
Fluoranthene
Concen: 59.295 ng
RT: 19.304 min Scan# 2757
Delta R.T. -0.006 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Tgt Ion:202 Resp: 1407111

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	27.7
203	17.4	0.0	37.5



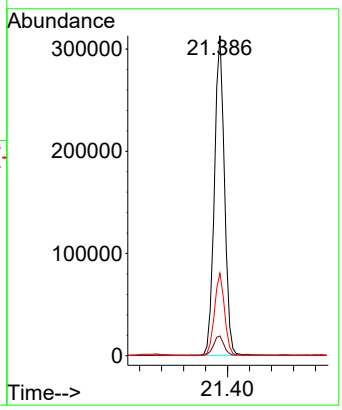


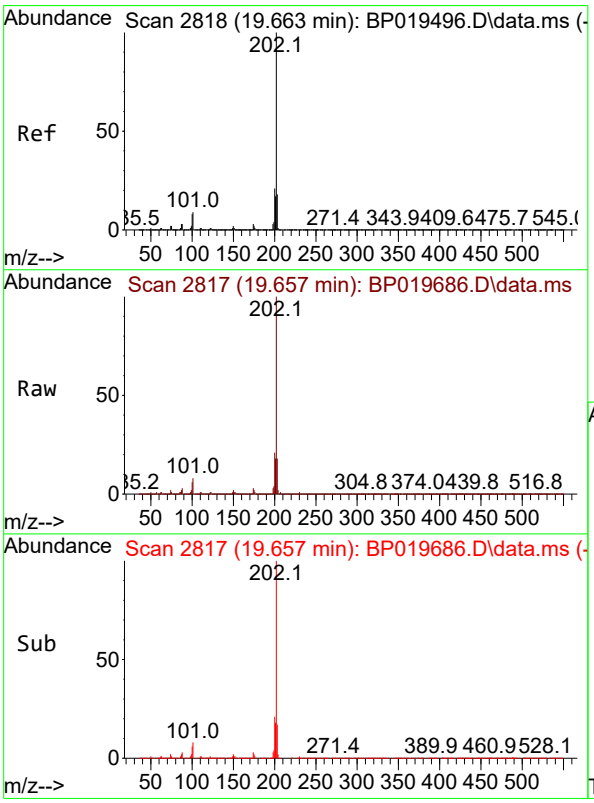
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:240 Resp: 397861

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.1	9.1
236	25.8	20.7	31.1

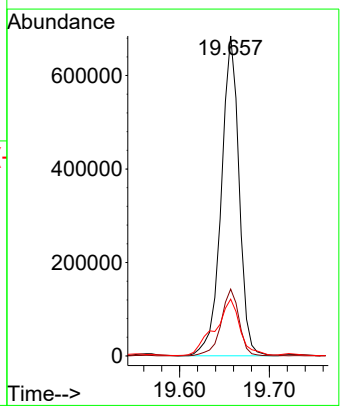


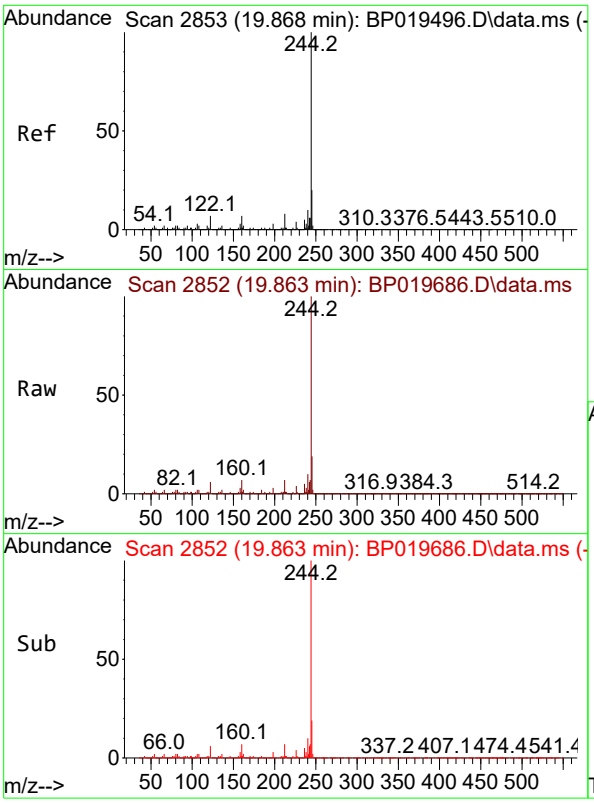


#78
Pyrene
Concen: 33.573 ng
RT: 19.657 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Tgt Ion:202 Resp: 942700

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.8	14.2	21.2



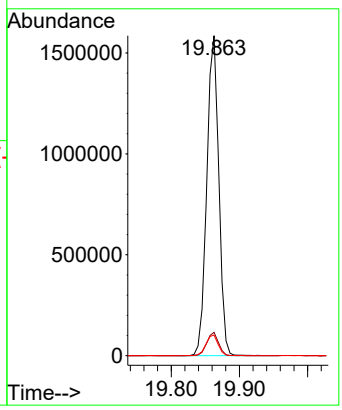


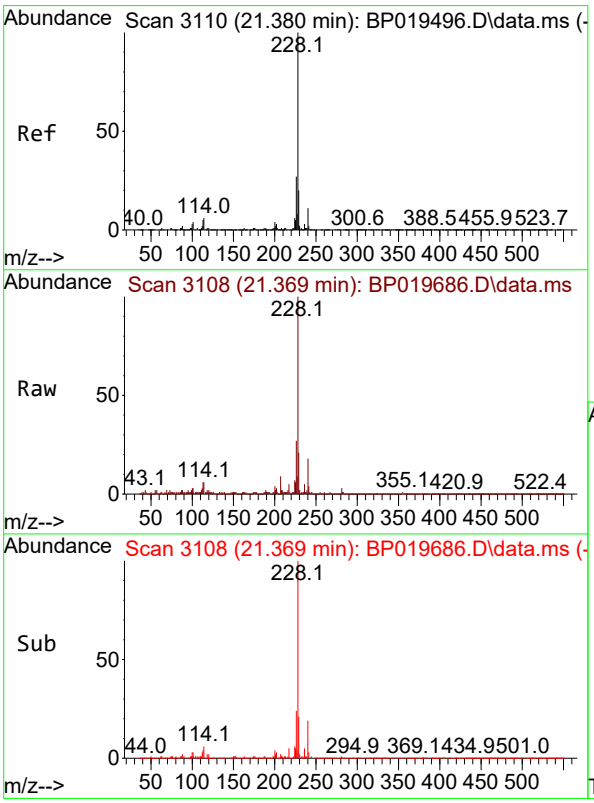
#79
Terphenyl-d14
Concen: 80.180 ng
RT: 19.863 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:244 Resp: 1939779

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.5	5.9	8.9

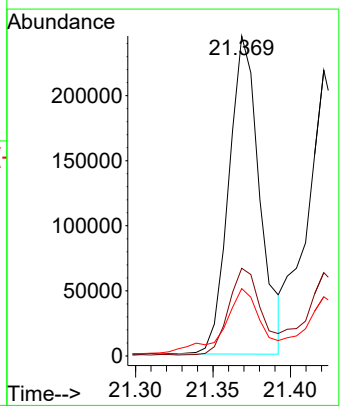


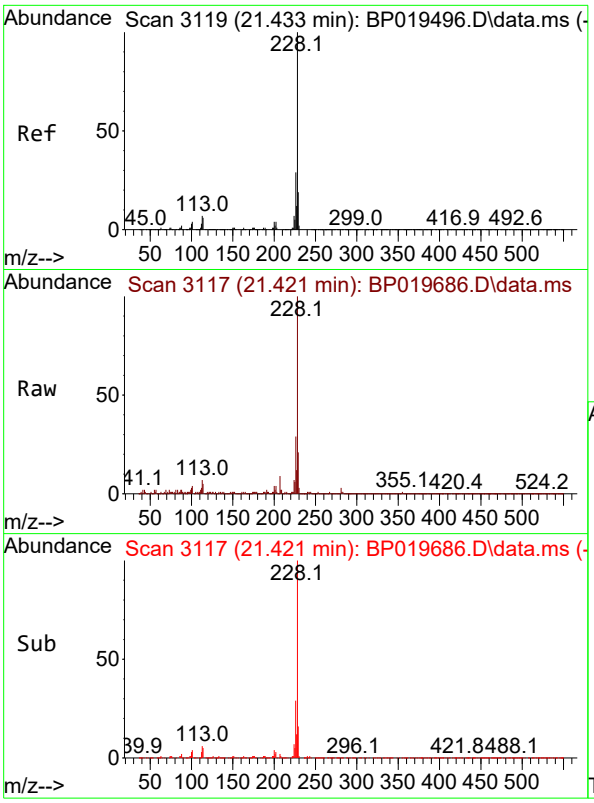


#81
Benzo(a)anthracene
Concen: 12.106 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Tgt Ion:228 Resp: 339056

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.7	32.5
229	21.0	15.6	23.4



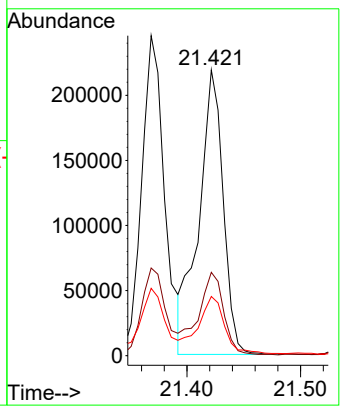


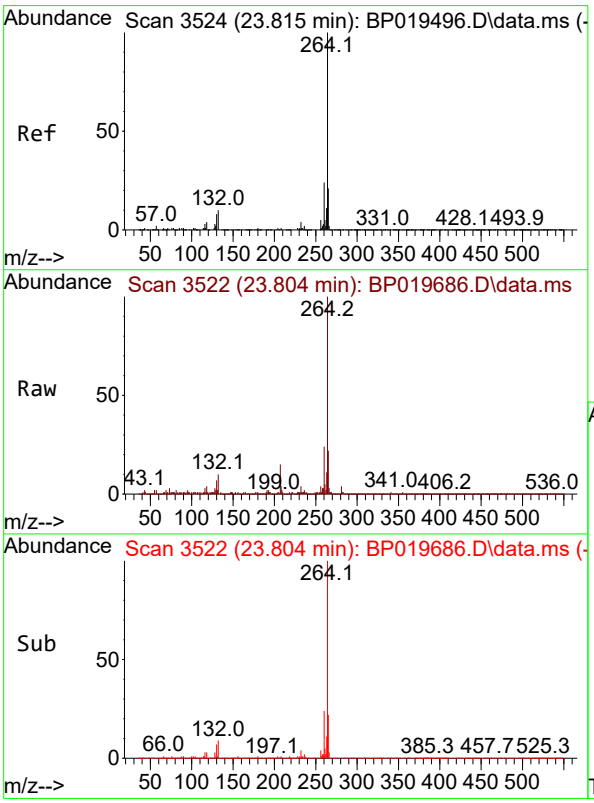
#83
Chrysene
Concen: 12.250 ng
RT: 21.421 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:228 Resp: 325735

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	20.7	15.6	23.4

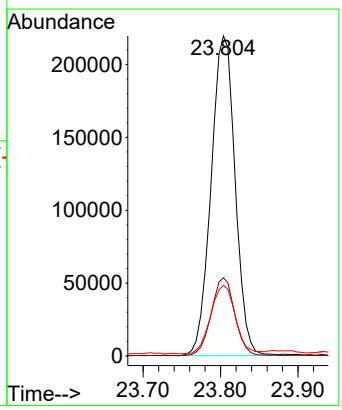


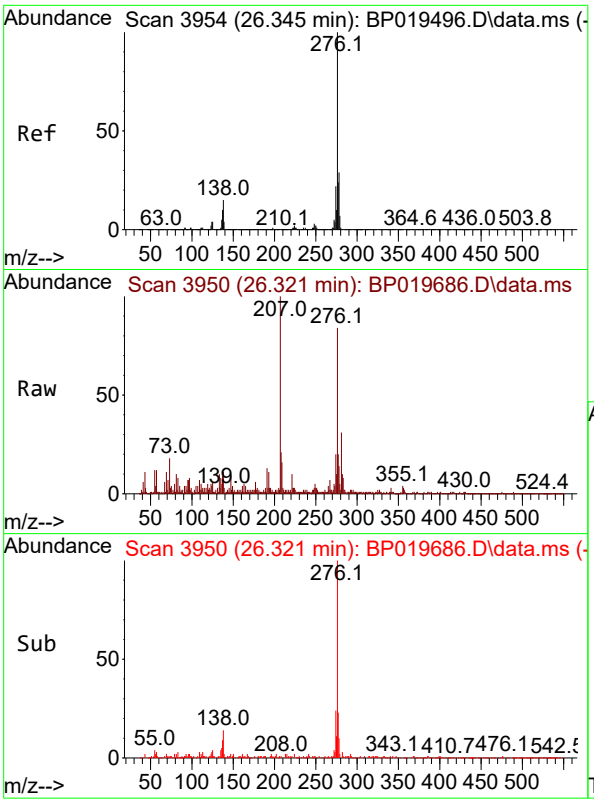


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.804 min Scan# 3522
Delta R.T. -0.012 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Tgt Ion:264 Resp: 474146

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	17.0	25.4



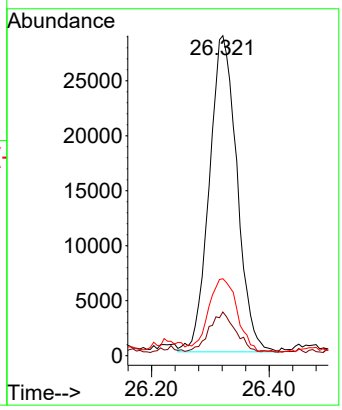


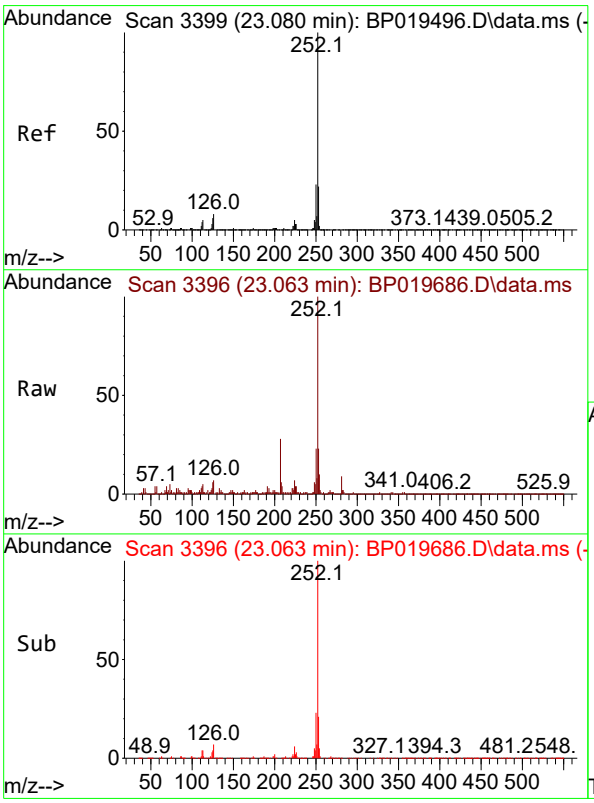
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.591 ng
RT: 26.321 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:276 Resp: 94053

Ion	Ratio	Lower	Upper
276	100		
138	12.7	13.1	19.7#
277	23.7	20.3	30.5

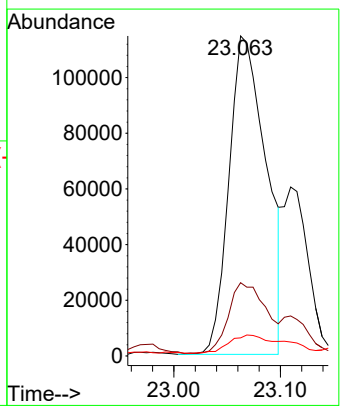


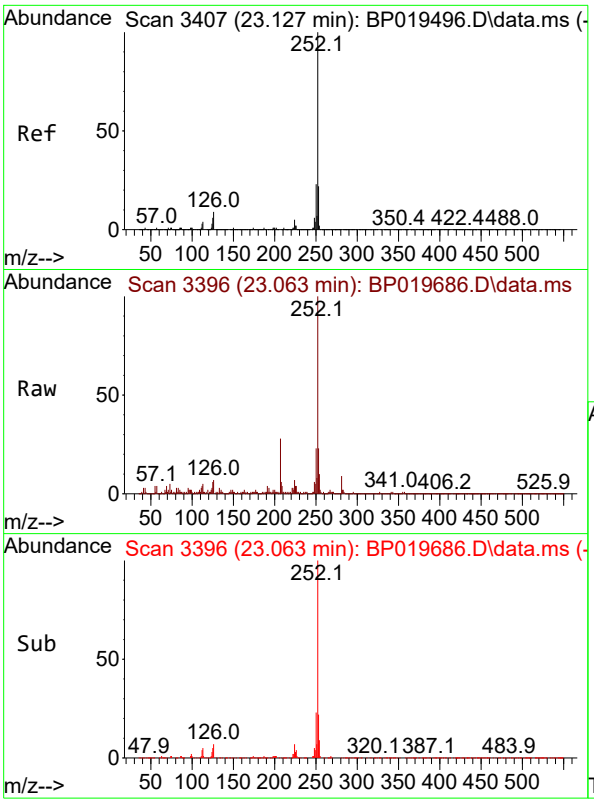


#88
Benzo(b)fluoranthene
Concen: 9.295 ng
RT: 23.063 min Scan# 3396
Delta R.T. -0.017 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Tgt Ion:252 Resp: 277769

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	5.6	4.9	7.3



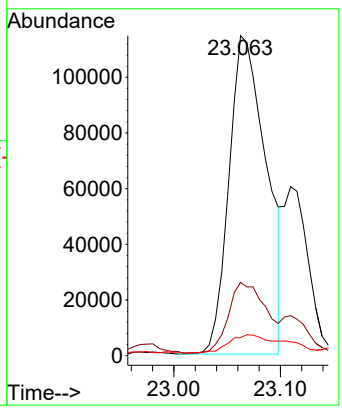


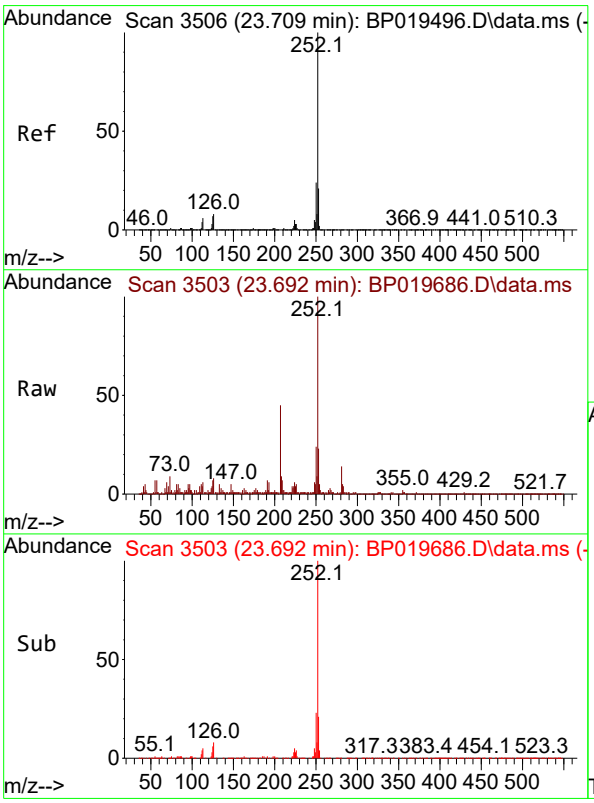
#89
Benzo(k)fluoranthene
Concen: 9.731 ng
RT: 23.063 min Scan# 3
Delta R.T. -0.064 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:252 Resp: 277769

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	5.6	5.0	7.6

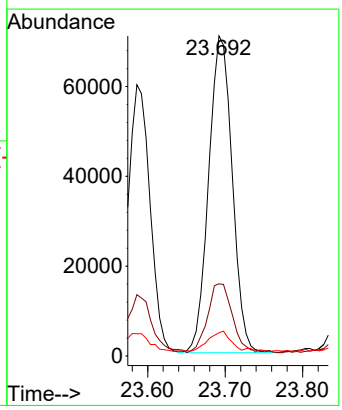


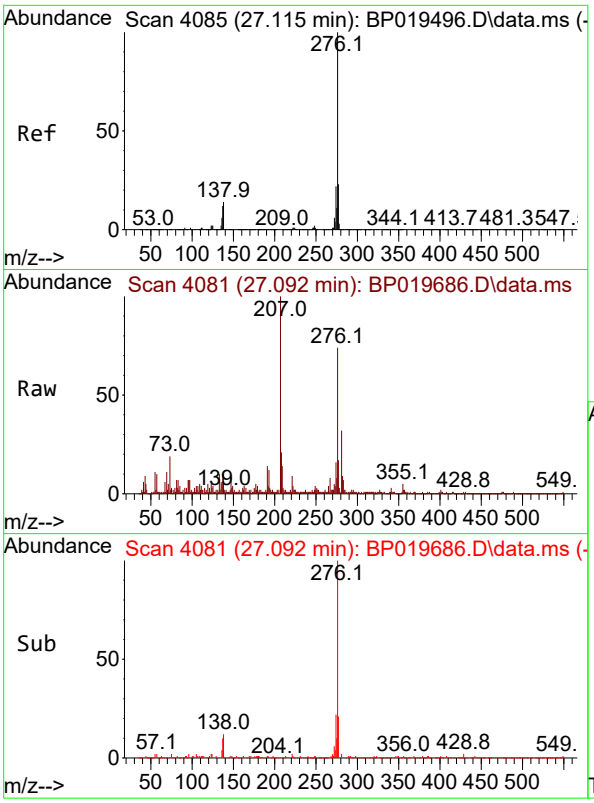


#90
Benzo(a)pyrene
Concen: 5.606 ng
RT: 23.692 min Scan# 3503
Delta R.T. -0.017 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Tgt Ion:252 Resp: 149055

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	7.2	5.6	8.4





#92
Benzo(g,h,i)perylene
Concen: 2.817 ng
RT: 27.092 min Scan# 4
Delta R.T. -0.023 min
Lab File: BP019686.D
Acq: 13 Feb 2024 19:58

Instrument :
BNA_P
ClientSampleId :
VNJ-241

Tgt Ion:276 Resp: 85305

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	13.2	10.9	16.3