Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
Data File : BP019629.D
Acq On : 09 Feb 2024 13:21
Operator : MA/JU
Sample : P1378-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-5

Quant Time: Feb 09 14:03:05 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	7.910	152	70128	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	257612	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	161185	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	333309	20.000	ng		0.00
76) Chrysene-d12	21.392	240	275940	20.000	ng		0.00
86) Perylene-d12	23.815	264	340773	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	480133	110.361	ng		0.00
7) Phenol-d6	7.081	99	643839	109.755	ng		0.00
23) Nitrobenzene-d5	9.081	82	438272	73.719	ng		0.00
42) 2,4,6-Tribromophenol	16.039	330	292827	124.426	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	945274	72.499	ng		0.00
79) Terphenyl-d14	19.869	244	1305750	77.820	ng		0.00
Target Compounds							Qvalue
75) Fluoranthene	19.310	202	61846	2.886	ng		99
78) Pyrene	19.663	202	63142	3.242	ng		96
81) Benzo(a)anthracene	21.374	228	40060	2.062	ng		95
83) Chrysene	21.427	228	37046m	2.009	ng		
88) Benzo(b)fluoranthene	23.074	252	53592	2.495	ng	#	88
90) Benzo(a)pyrene	23.704	252	41142	2.153	ng	#	92

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

Quantitation Report (LSC Reviewed)

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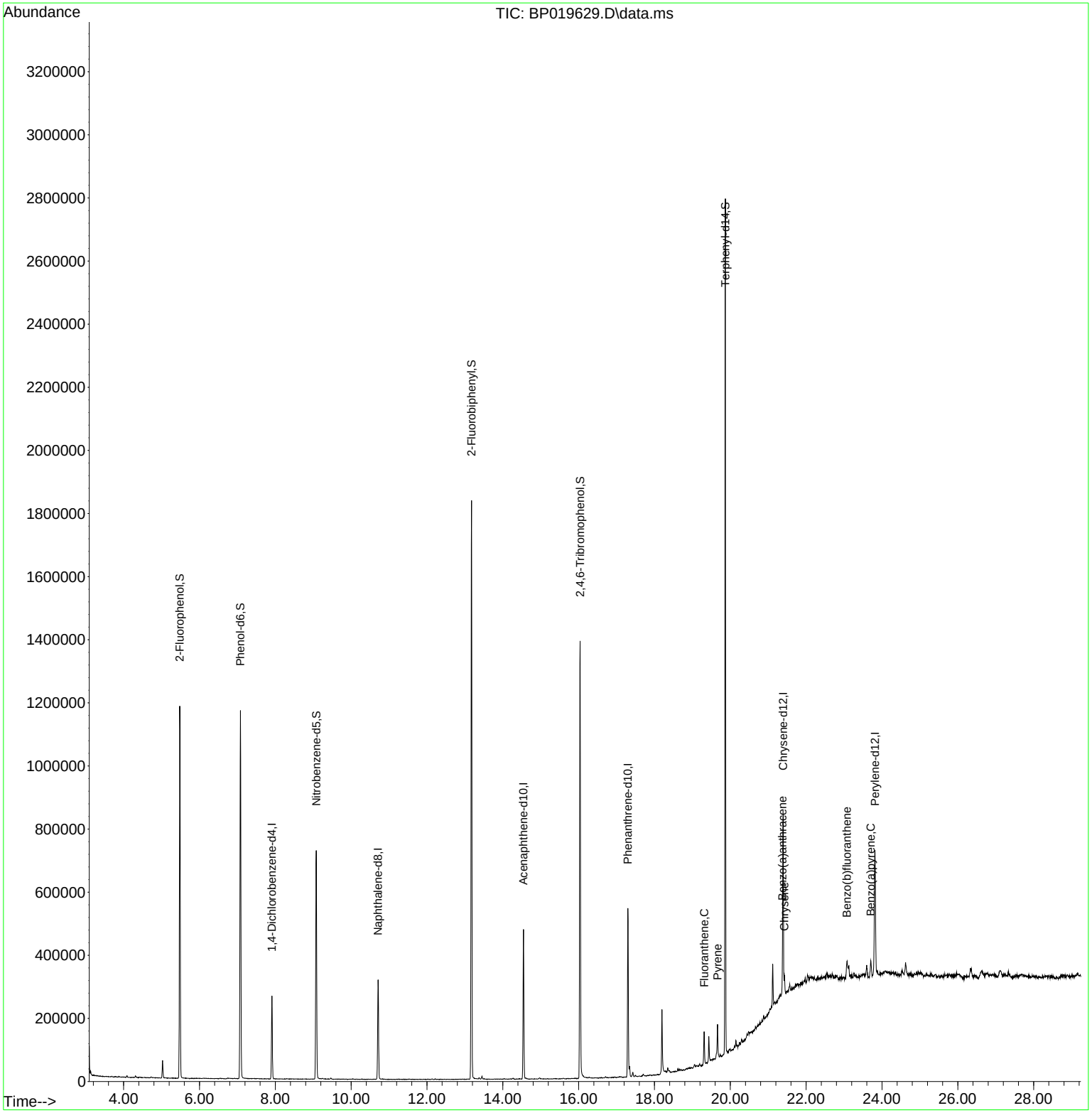
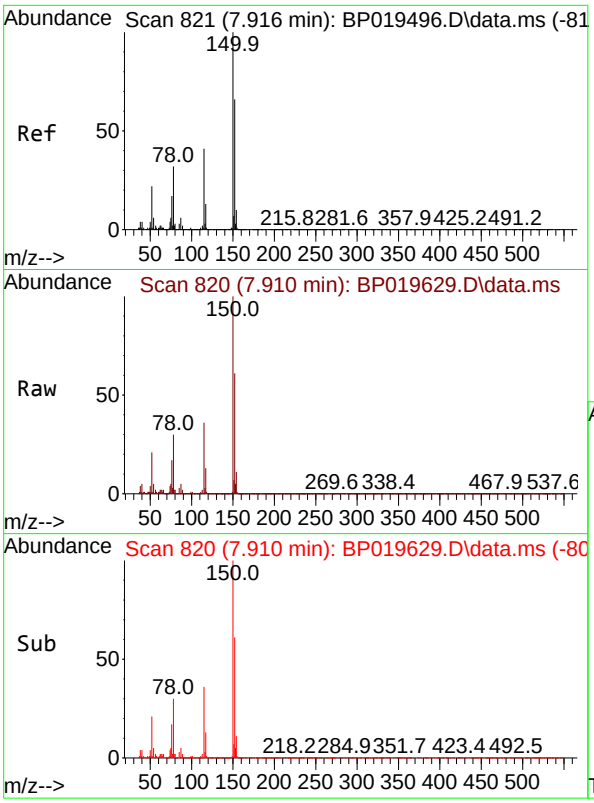


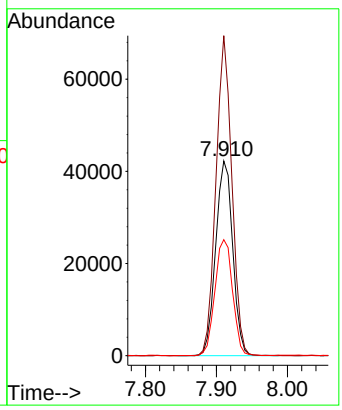


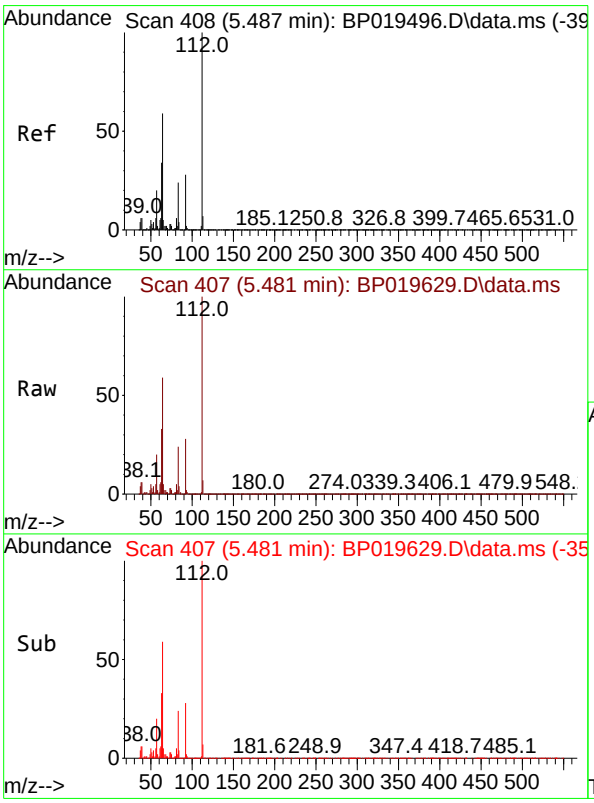
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Instrument :
BNA_P
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 70128

Ion	Ratio	Lower	Upper
152	100		
150	164.4	121.8	182.8
115	59.6	49.9	74.9

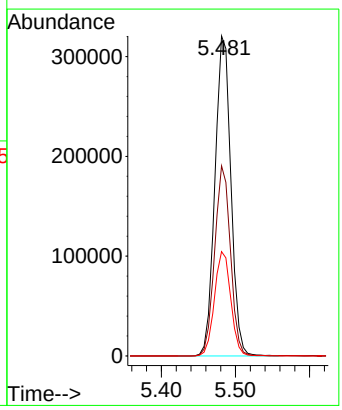


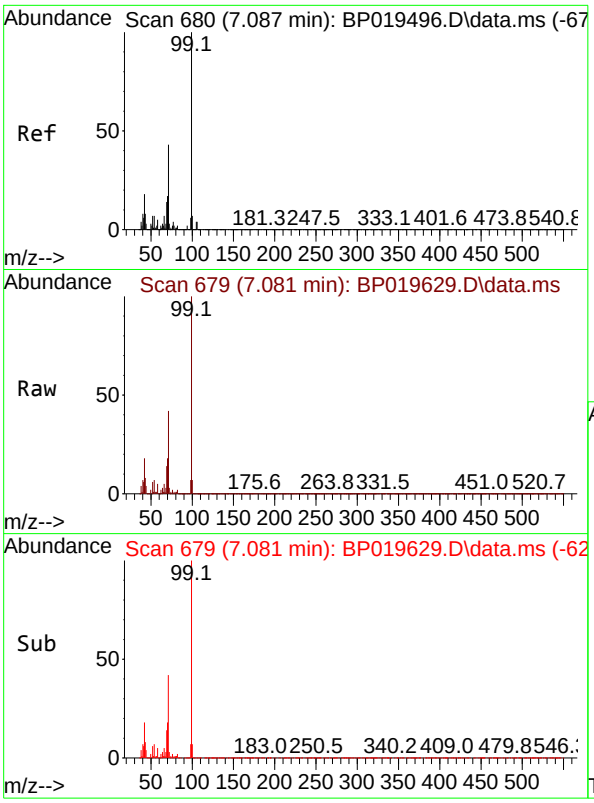


#5
2-Fluorophenol
Concen: 110.361 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Tgt Ion:112 Resp: 480133

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.4	71.0
63	32.6	27.0	40.6



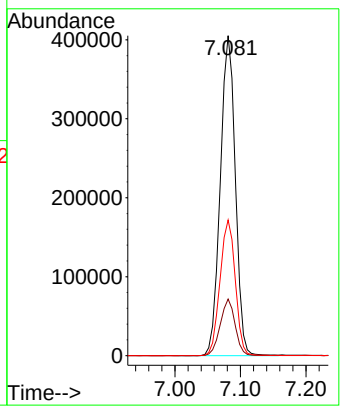


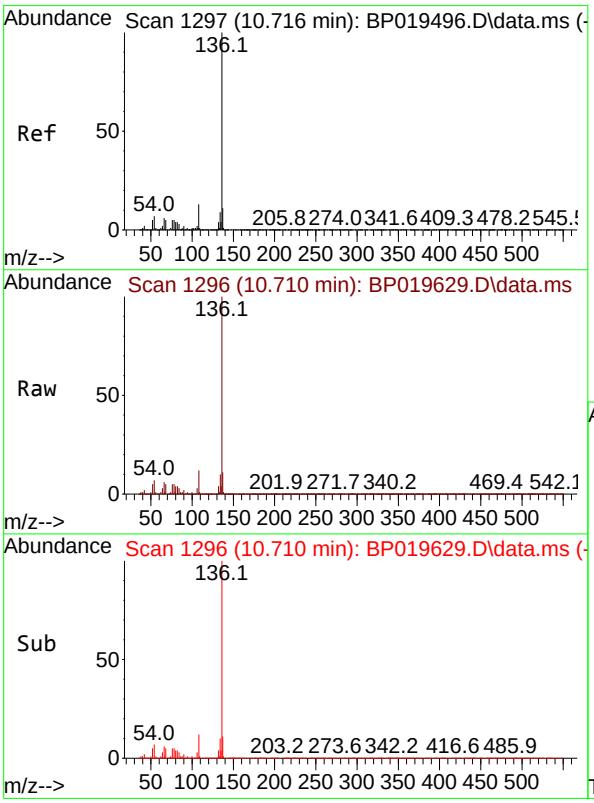
#7
Phenol-d6
Concen: 109.755 ng
RT: 7.081 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Instrument :
BNA_P
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 643839

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.7	22.1
71	42.4	34.8	52.2

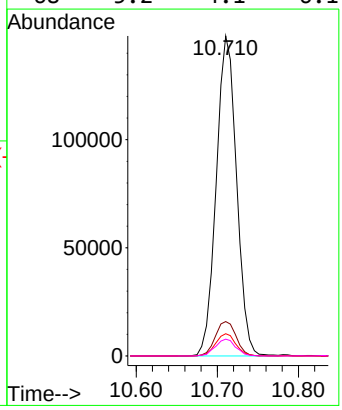


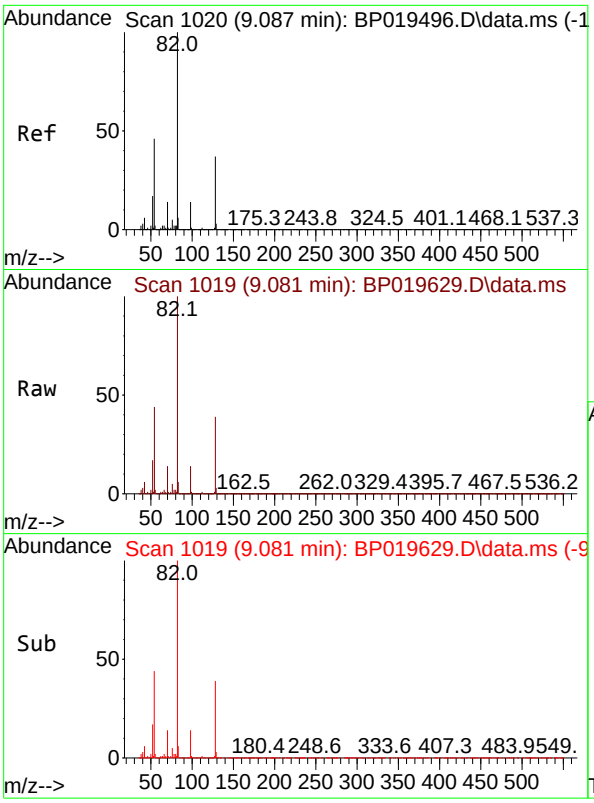


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Tgt Ion:136 Resp: 257612

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.0	5.3	7.9
68	5.2	4.1	6.1



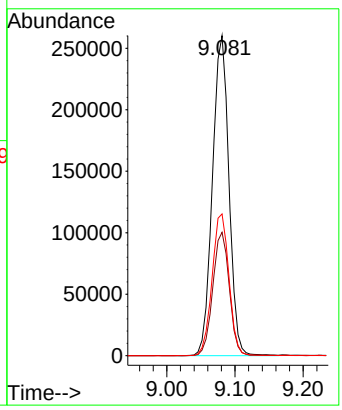


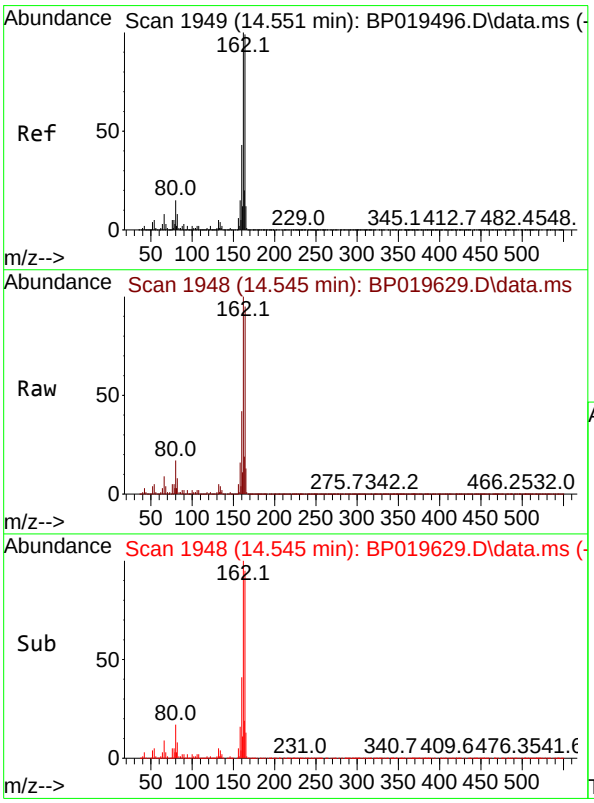
#23
Nitrobenzene-d5
Concen: 73.719 ng
RT: 9.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Instrument :
BNA_P
ClientSampleId :
TP-5

Tgt Ion: 82 Resp: 438272

Ion	Ratio	Lower	Upper
82	100		
128	38.5	29.7	44.5
54	44.3	36.8	55.2

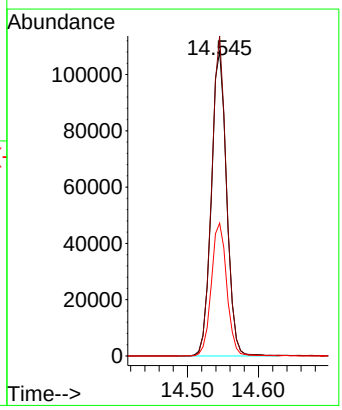


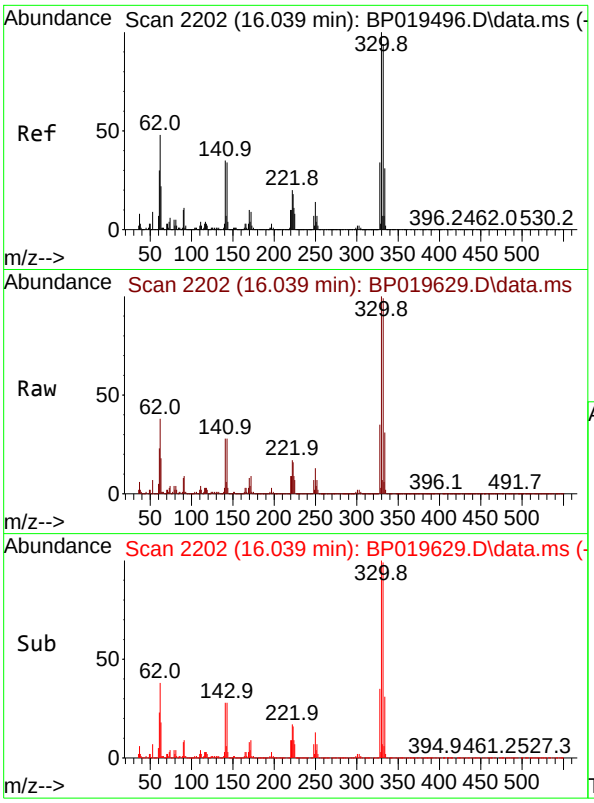


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Tgt Ion:164 Resp: 161185

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.2	121.8
160	43.6	35.1	52.7



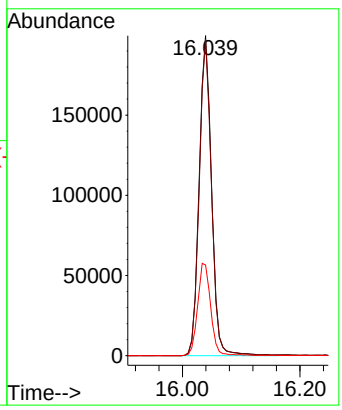


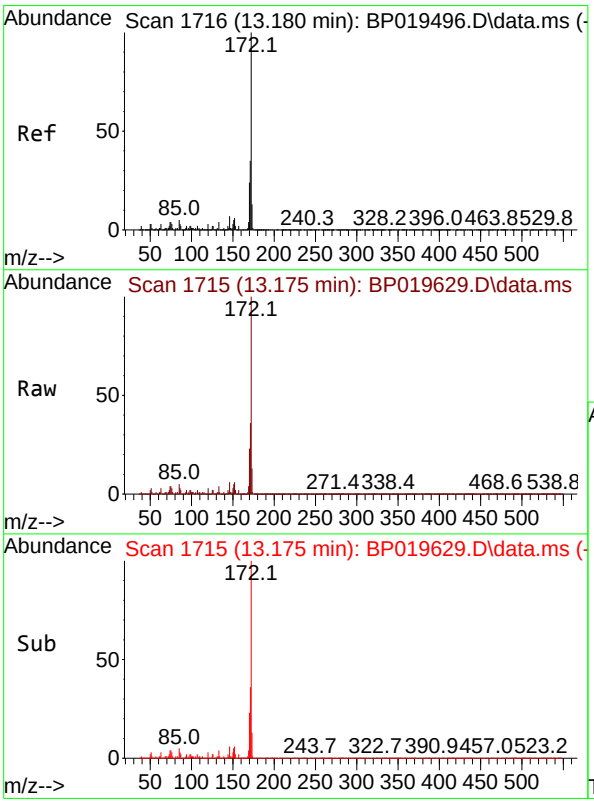
#42
2,4,6-Tribromophenol
Concen: 124.426 ng
RT: 16.039 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Instrument :
BNA_P
ClientSampleId :
TP-5

Tgt Ion:330 Resp: 292827

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.2	115.8
141	30.3	27.0	40.4

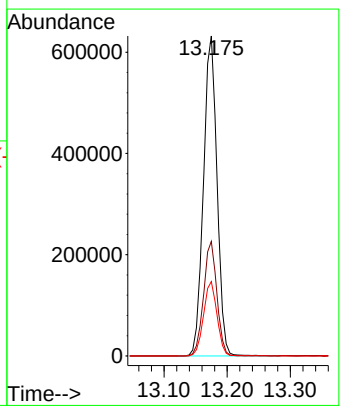


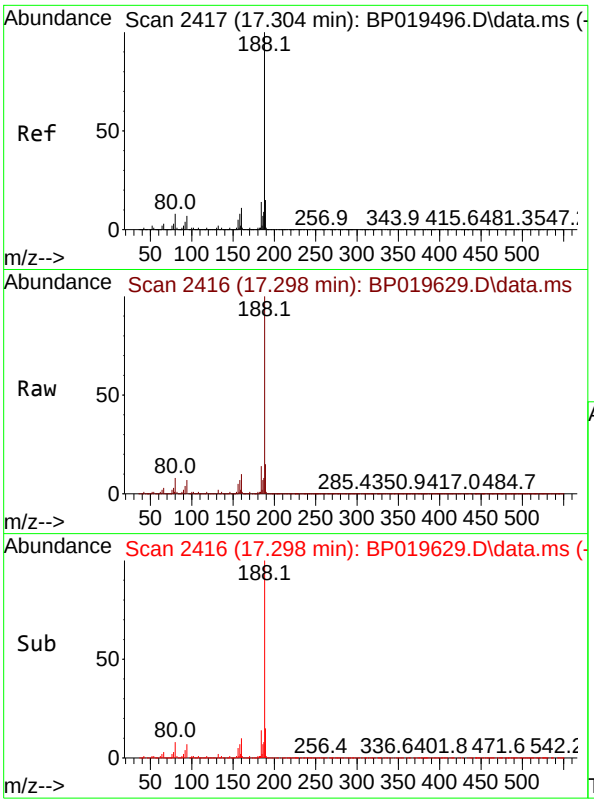


#45
2-Fluorobiphenyl
Concen: 72.499 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Tgt Ion:172 Resp: 945274

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.4
170	23.3	18.9	28.3



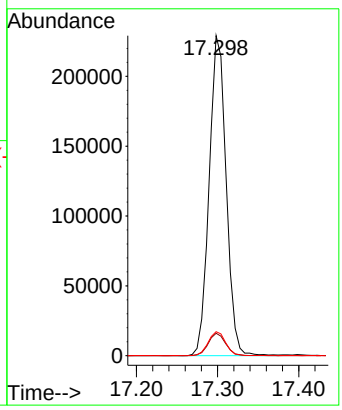


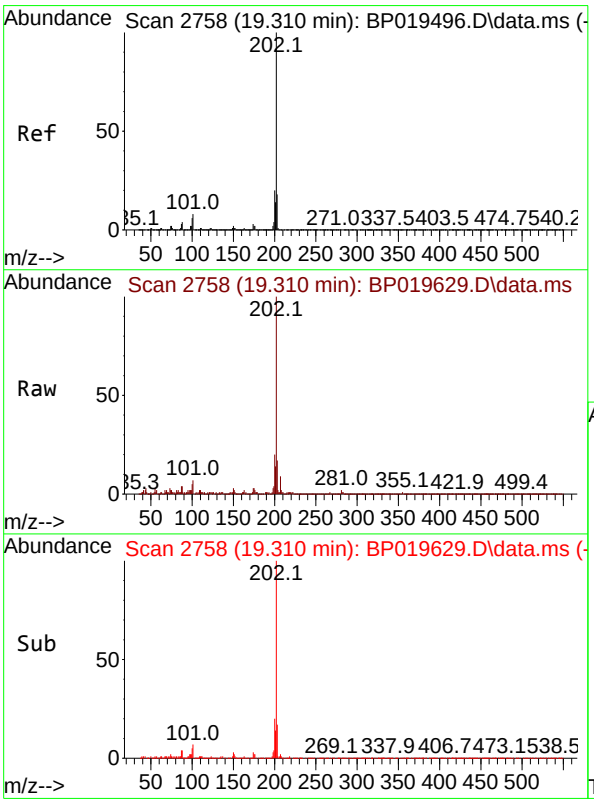
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Instrument :
BNA_P
ClientSampleId :
TP-5

Tgt Ion:188 Resp: 333309

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.4	8.2
80	7.5	6.3	9.5

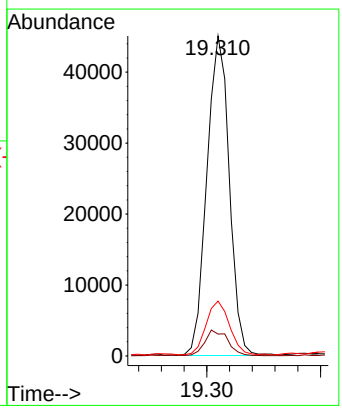


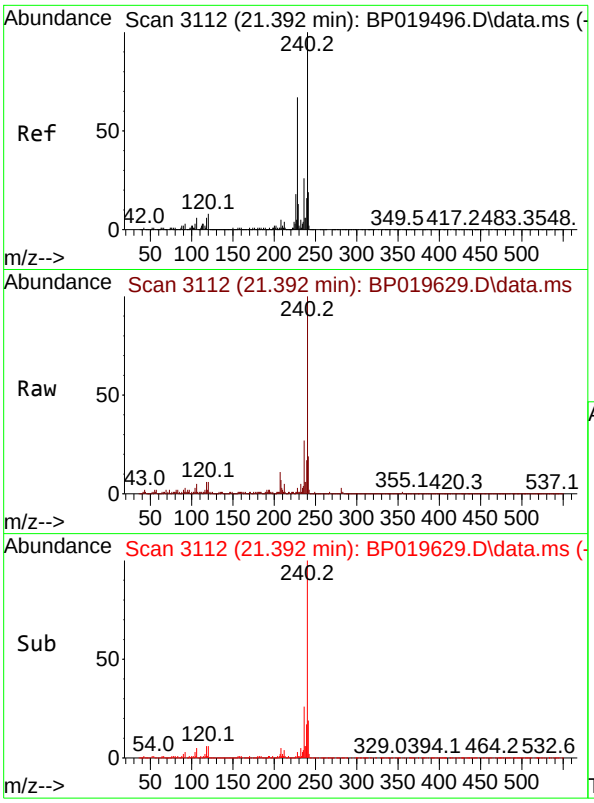


#75
Fluoranthene
Concen: 2.886 ng
RT: 19.310 min Scan# 2758
Delta R.T. 0.000 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Tgt Ion:202 Resp: 61846

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	27.7
203	17.1	0.0	37.5



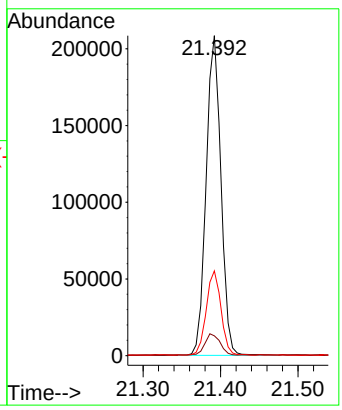


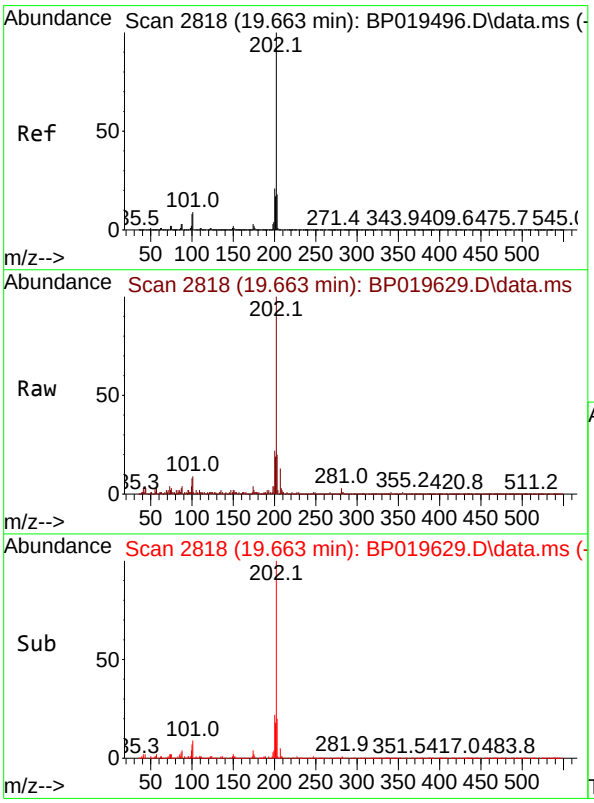
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Instrument :
BNA_P
ClientSampleId :
TP-5

Tgt Ion:240 Resp: 275940

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.1	9.1
236	26.5	20.7	31.1

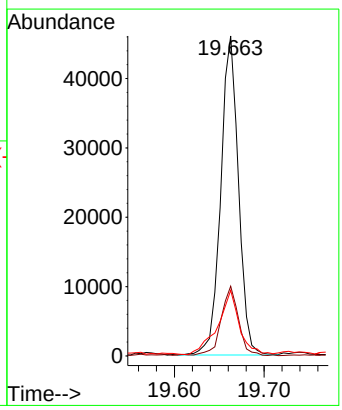


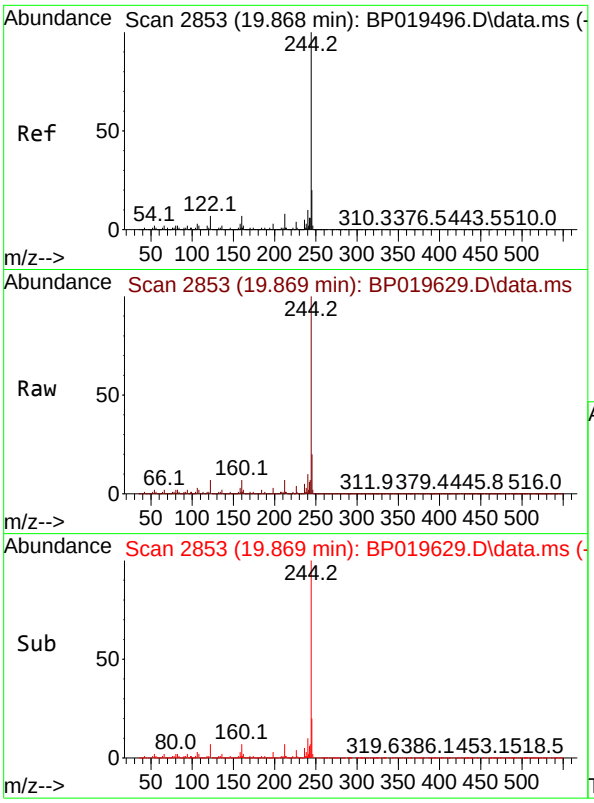


#78
Pyrene
Concen: 3.242 ng
RT: 19.663 min Scan# 2818
Delta R.T. 0.000 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Tgt Ion:202 Resp: 63142

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	20.5	14.2	21.2



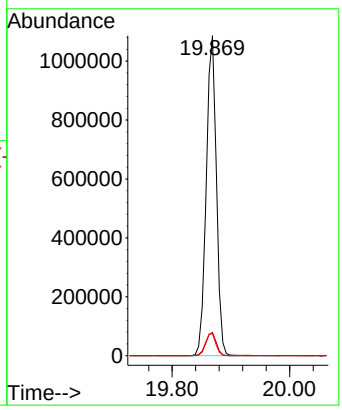


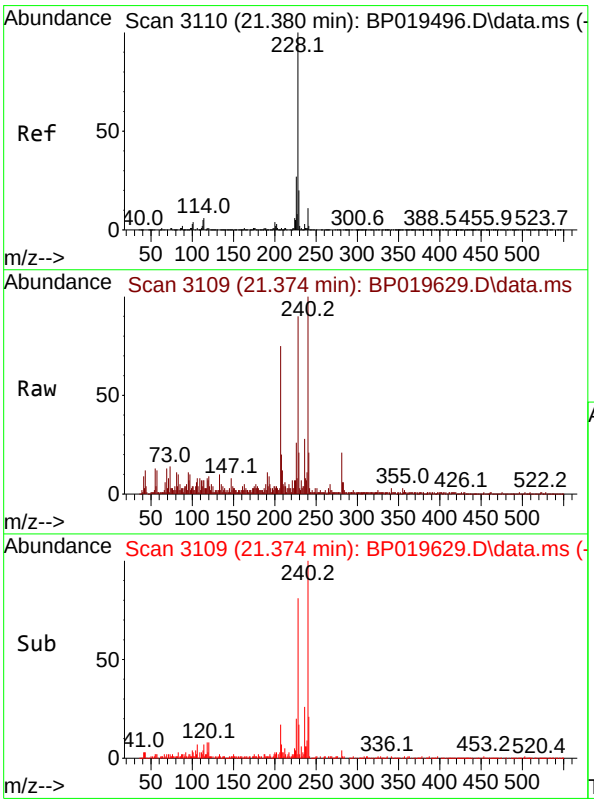
#79
Terphenyl-d14
Concen: 77.820 ng
RT: 19.869 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Instrument :
BNA_P
ClientSampleId :
TP-5

Tgt Ion:244 Resp: 1305750

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	6.9	5.9	8.9

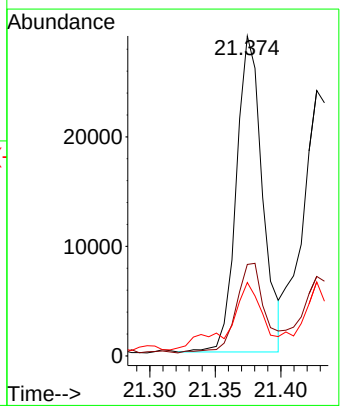


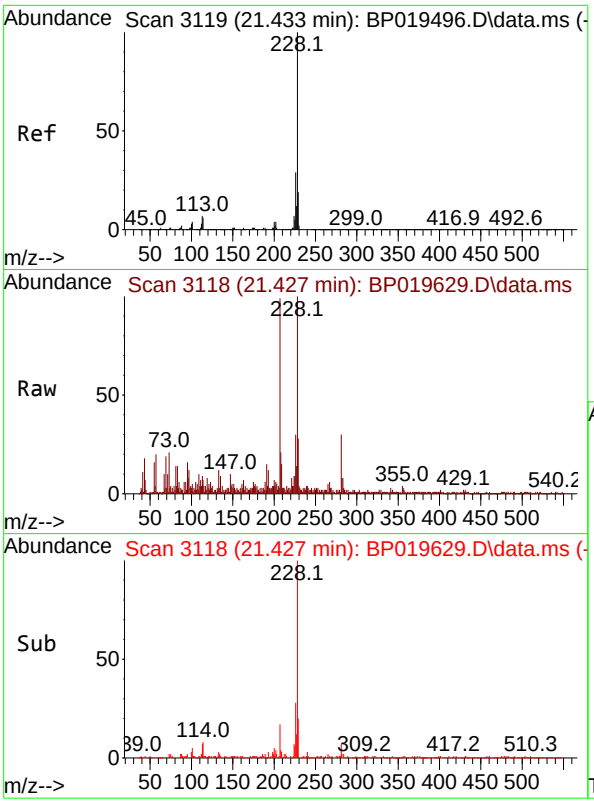


#81
Benzo(a)anthracene
Concen: 2.062 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Tgt Ion:228 Resp: 40060

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.7	32.5
229	23.0	15.6	23.4



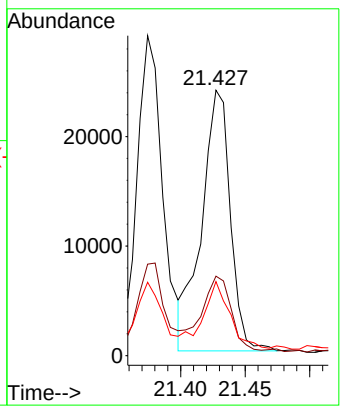


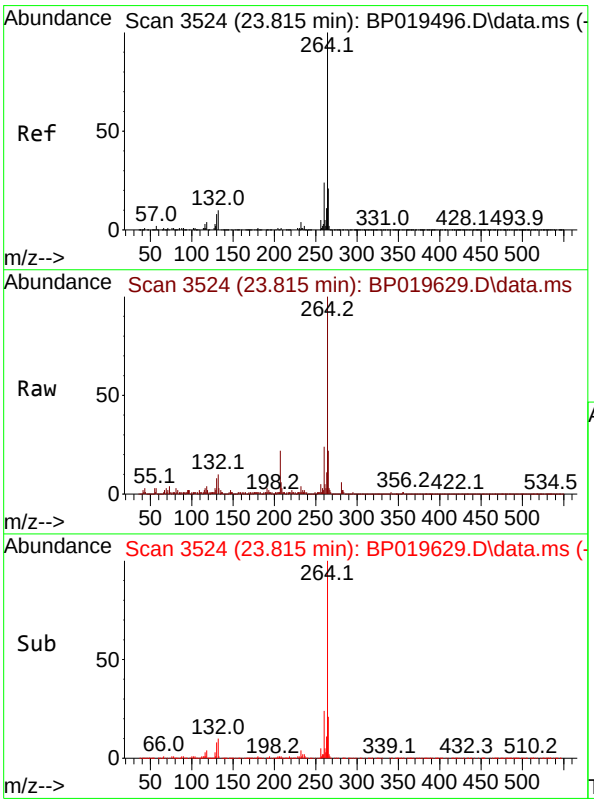
#83
Chrysene
Concen: 2.009 ng m
RT: 21.427 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Instrument :
BNA_P
ClientSampleId :
TP-5

Tgt Ion:228 Resp: 37046

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	27.9	15.6	23.4#

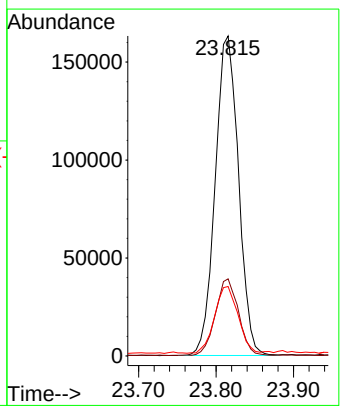


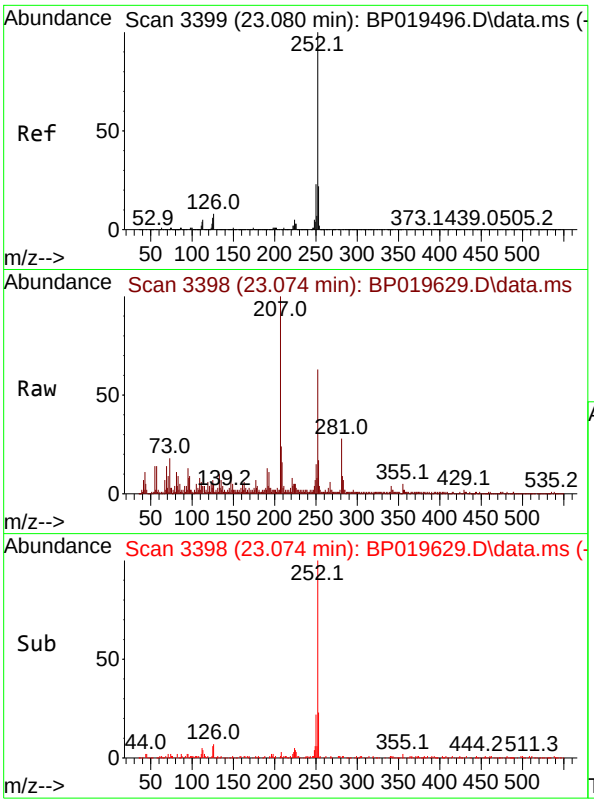


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.815 min Scan# 3524
Delta R.T. 0.000 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Tgt Ion:264 Resp: 340773

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	17.0	25.4



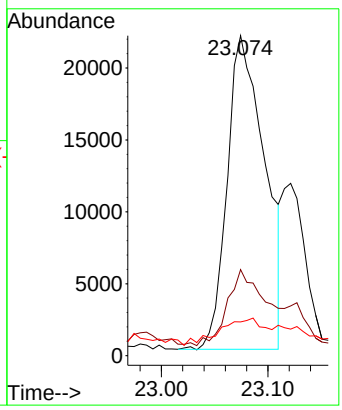


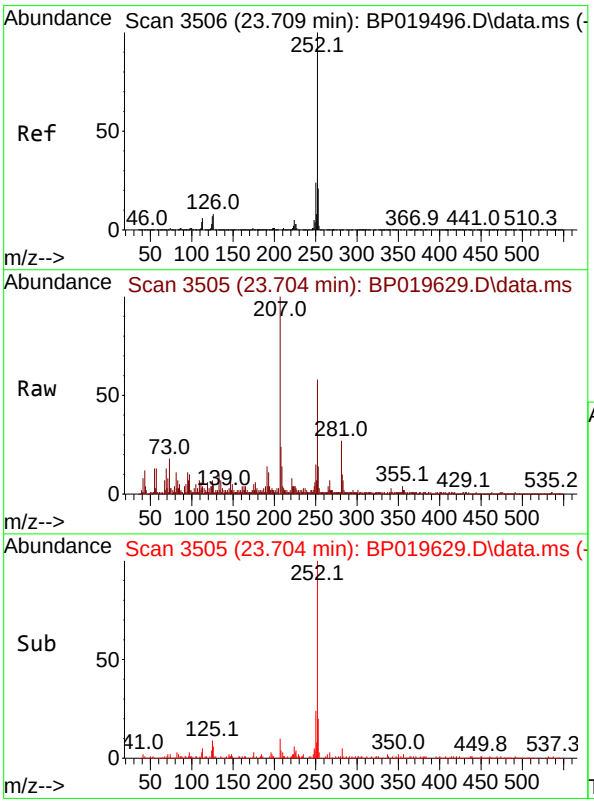
#88
Benzo(b)fluoranthene
Concen: 2.495 ng
RT: 23.074 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Instrument :
BNA_P
ClientSampleId :
TP-5

Tgt Ion:252 Resp: 53592

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.3	25.9#
125	10.6	4.9	7.3#





#90
Benzo(a)pyrene
Concen: 2.153 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP019629.D
Acq: 09 Feb 2024 13:21

Tgt Ion:252 Resp: 41142

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	12.1	5.6	8.4#