Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
Data File : BP019849.D
Acq On : 23 Feb 2024 18:21
Operator : MA/JU
Sample : P1537-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
13

Quant Time: Feb 24 00:02:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 13:10:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	79484	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	340328	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	195175	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	440049	20.000	ng		0.00
76) Chrysene-d12	21.416	240	437048	20.000	ng		-0.01
86) Perylene-d12	23.851	264	515803	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	468109	94.932	ng		0.00
7) Phenol-d6	7.081	99	606425	91.208	ng		0.00
23) Nitrobenzene-d5	9.075	82	516328	65.740	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	355206	124.647	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	966870	61.241	ng		0.00
79) Terphenyl-d14	19.880	244	1721390	64.773	ng		-0.01
Target Compounds							Qvalue
75) Fluoranthene	19.322	202	136715	4.833	ng		100
78) Pyrene	19.675	202	123628	4.008	ng		99
81) Benzo(a)anthracene	21.398	228	69375	2.255	ng		97
83) Chrysene	21.451	228	78346	2.682	ng		95
88) Benzo(b)fluoranthene	23.110	252	117994	3.630	ng	#	92
90) Benzo(a)pyrene	23.739	252	80015	2.766	ng	#	89
92) Benzo(g,h,i)perylene	27.180	276	69649	2.114	ng		95

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

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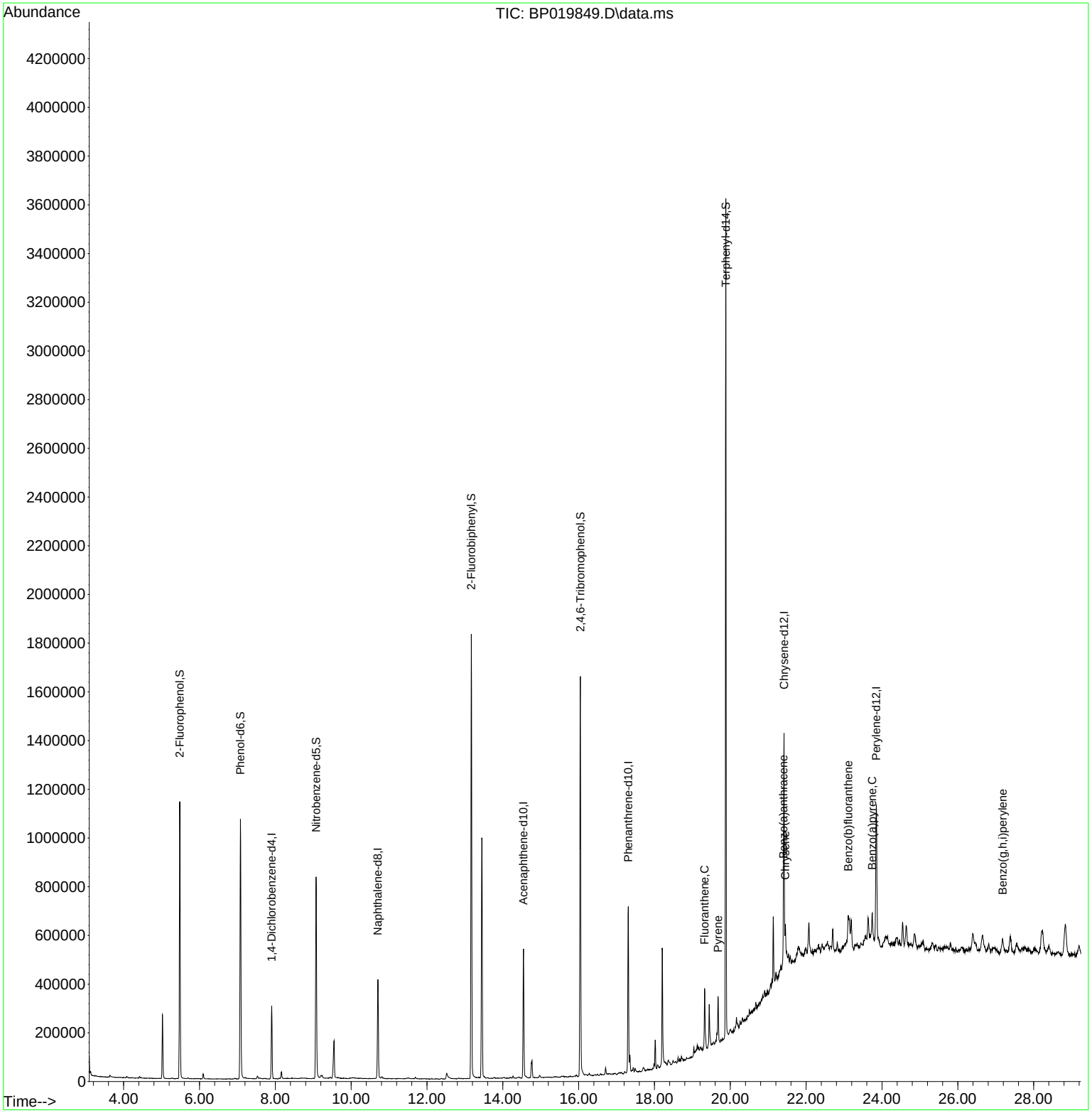
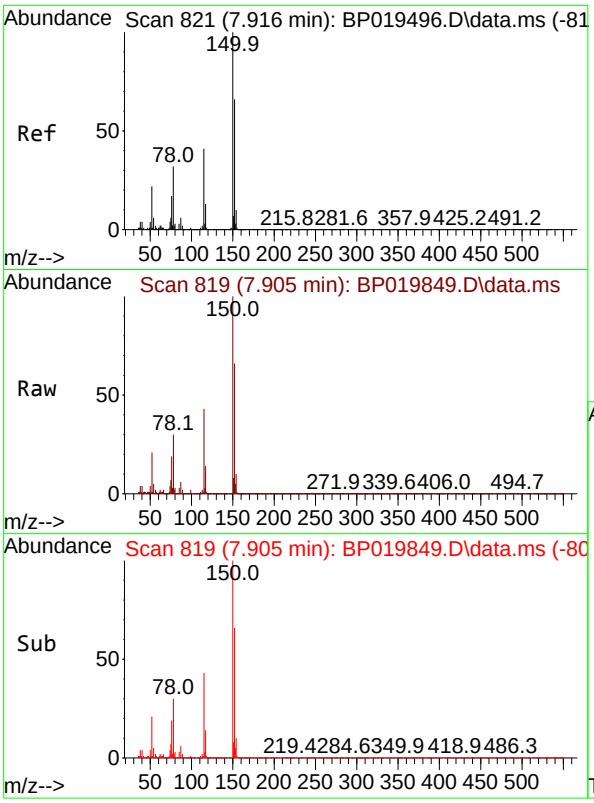


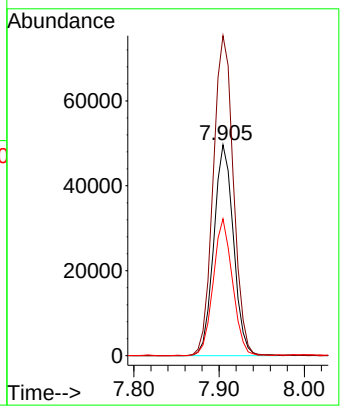


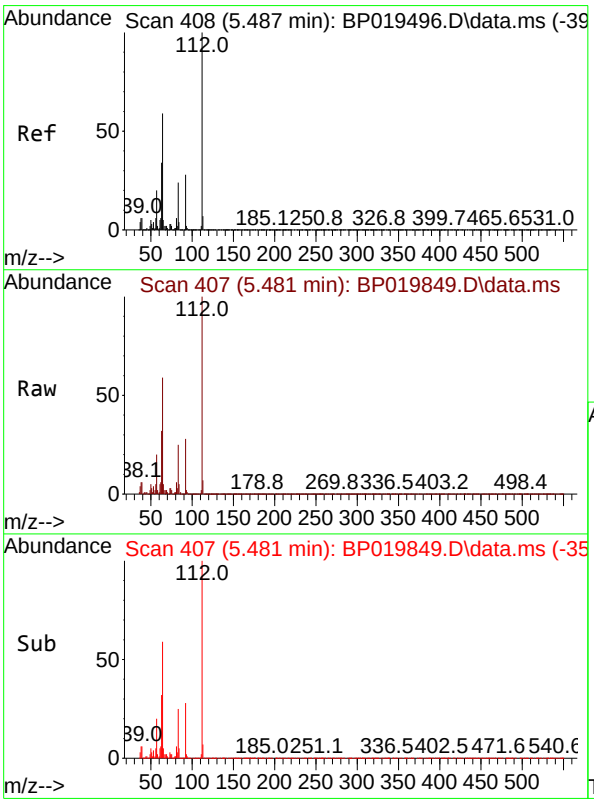
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Instrument :
BNA_P
ClientSampleId :
13

Tgt Ion:152 Resp: 79484

Ion	Ratio	Lower	Upper
152	100		
150	151.8	121.8	182.8
115	64.9	49.9	74.9

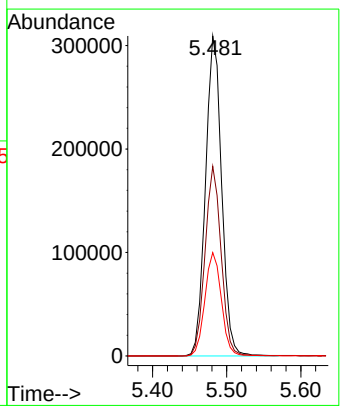


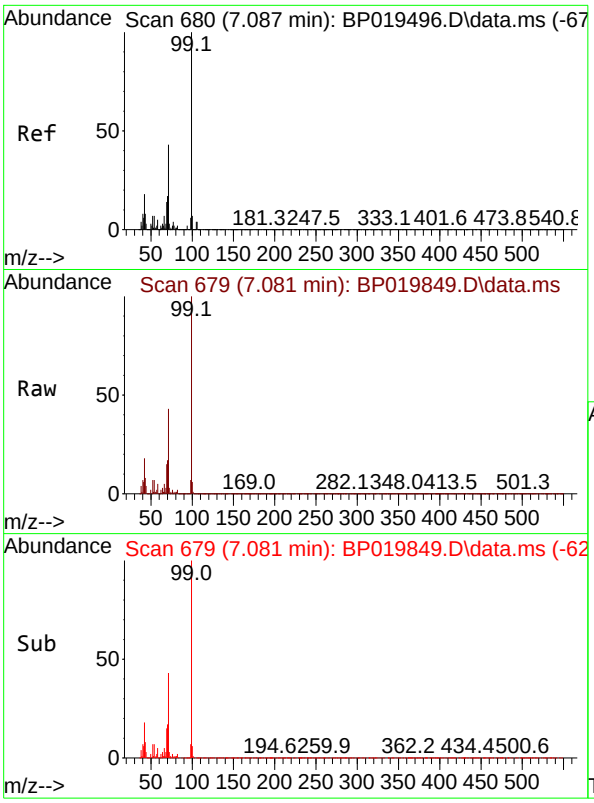


#5
2-Fluorophenol
Concen: 94.932 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Tgt Ion:112 Resp: 468109

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.4	71.0
63	32.3	27.0	40.6



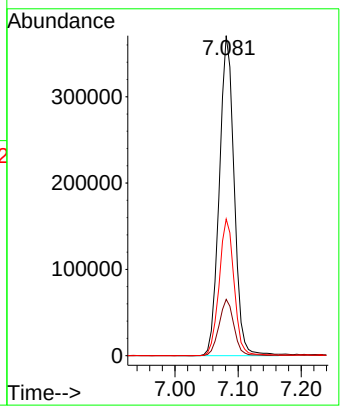


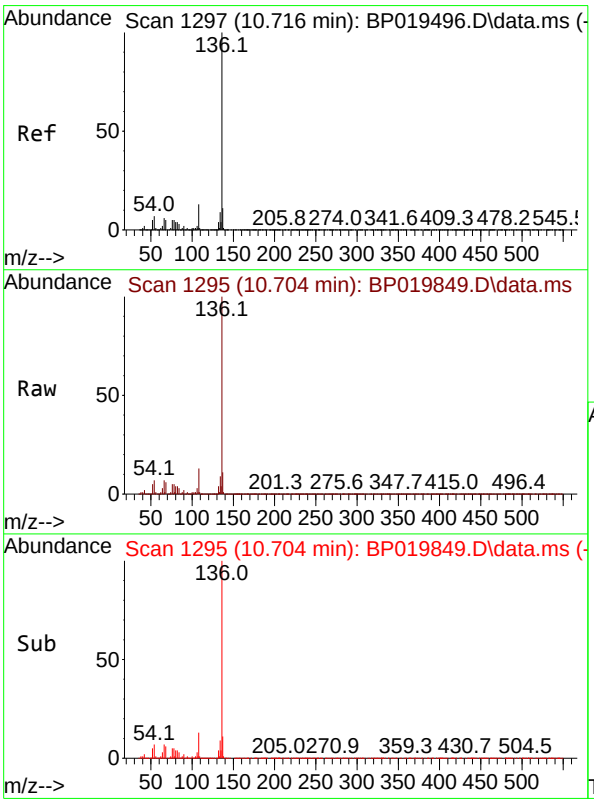
#7
Phenol-d6
Concen: 91.208 ng
RT: 7.081 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Instrument :
BNA_P
ClientSampleId :
13

Tgt Ion: 99 Resp: 606425

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.7	22.1
71	42.7	34.8	52.2

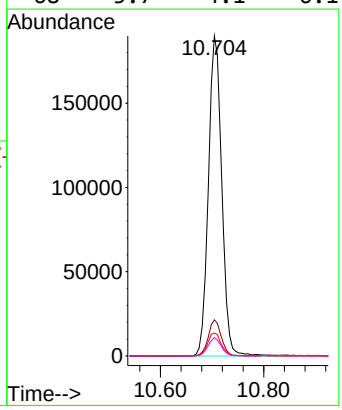


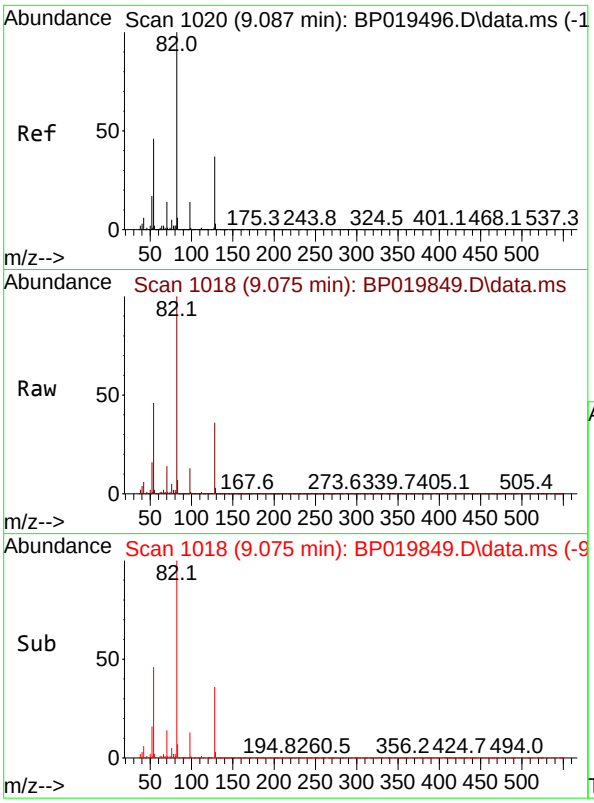


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Tgt Ion:136 Resp: 340328

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.2	5.3	7.9
68	5.7	4.1	6.1



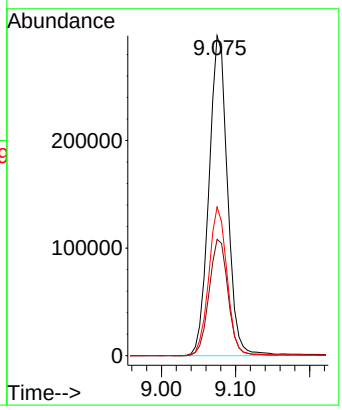


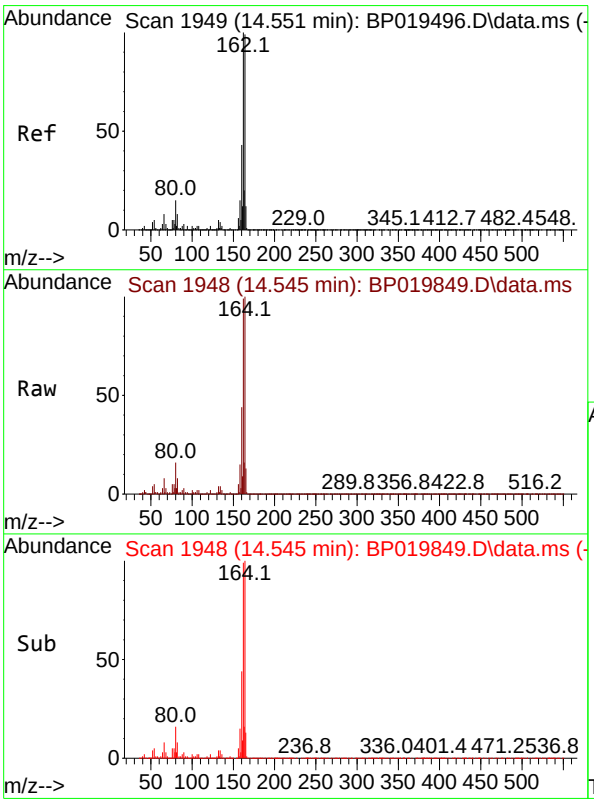
#23
Nitrobenzene-d5
Concen: 65.740 ng
RT: 9.075 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Instrument :
BNA_P
ClientSampleId :
13

Tgt Ion: 82 Resp: 516328

Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.7	44.5
54	46.5	36.8	55.2

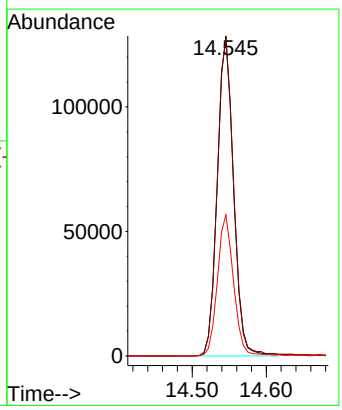


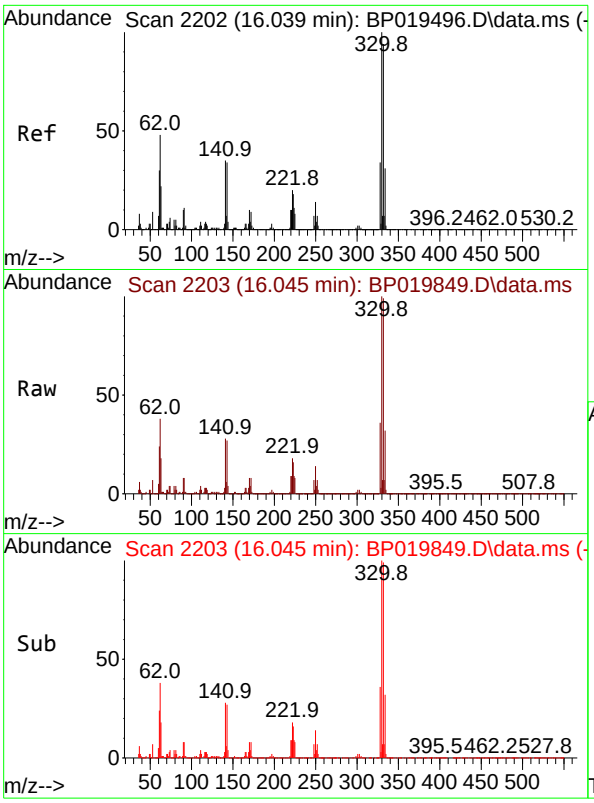


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Tgt Ion:164 Resp: 195175

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.2	121.8
160	44.1	35.1	52.7



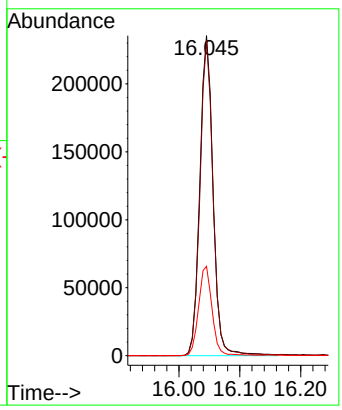


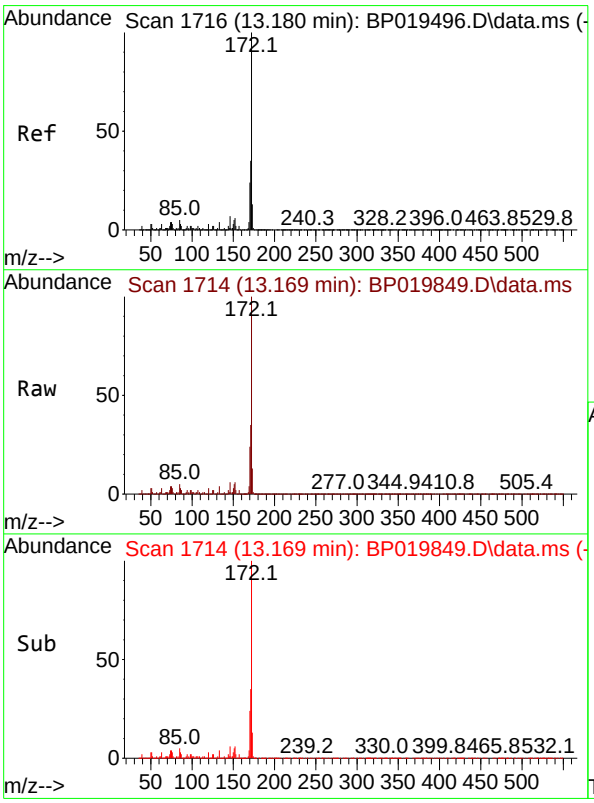
#42
2,4,6-Tribromophenol
Concen: 124.647 ng
RT: 16.045 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Instrument :
BNA_P
ClientSampleId :
13

Tgt Ion:330 Resp: 355206

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.2	115.8
141	28.4	27.0	40.4

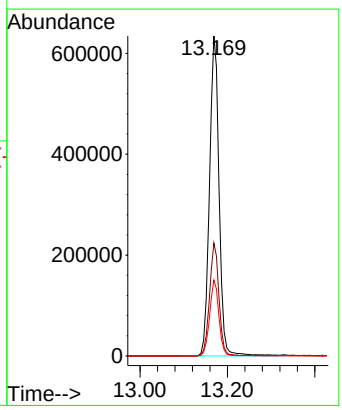


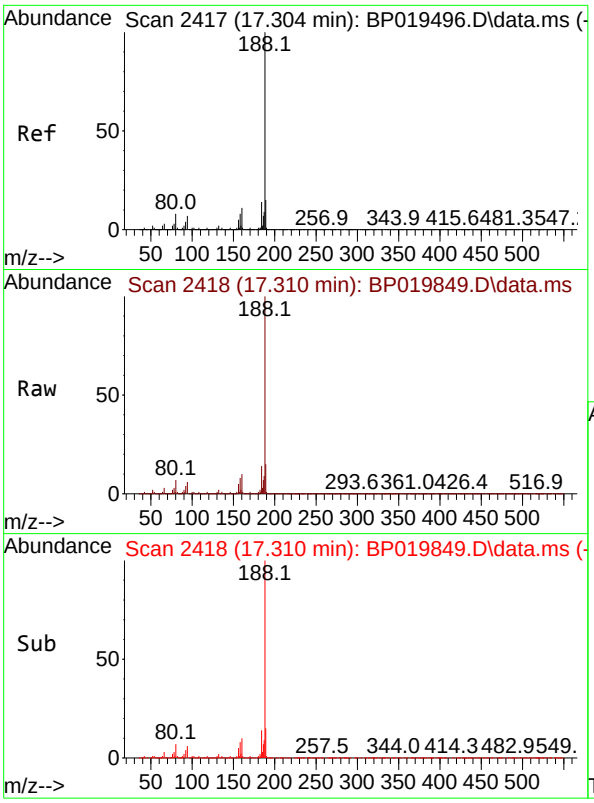


#45
2-Fluorobiphenyl
Concen: 61.241 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Tgt Ion:172 Resp: 966870

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.7	18.9	28.3



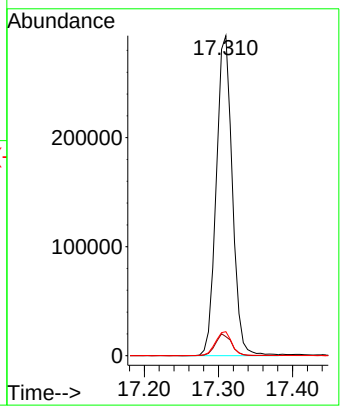


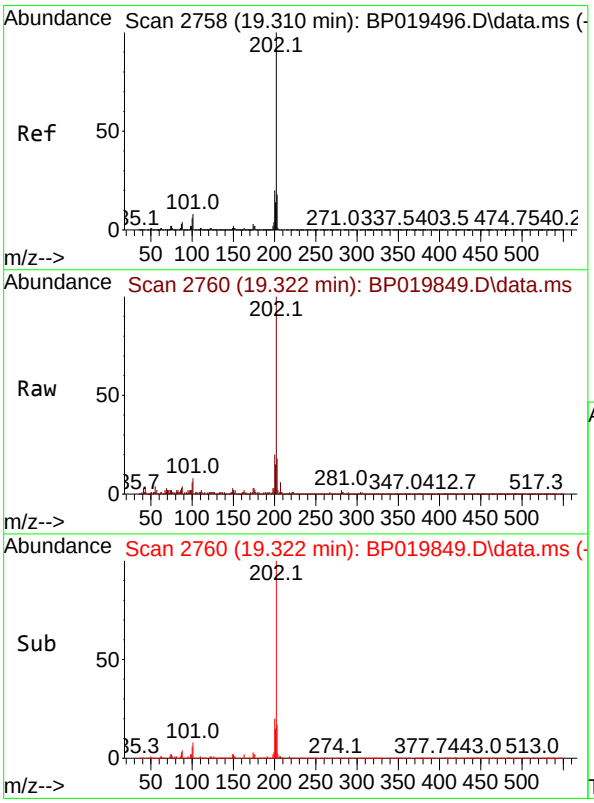
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Instrument :
BNA_P
ClientSampleId :
13

Tgt Ion:188 Resp: 440049

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.4	8.2
80	7.5	6.3	9.5

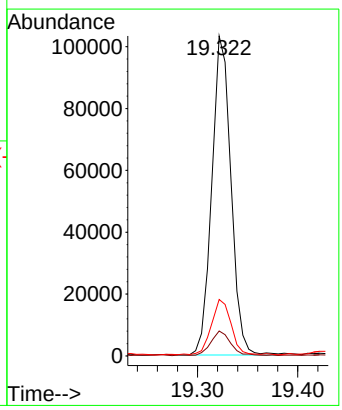


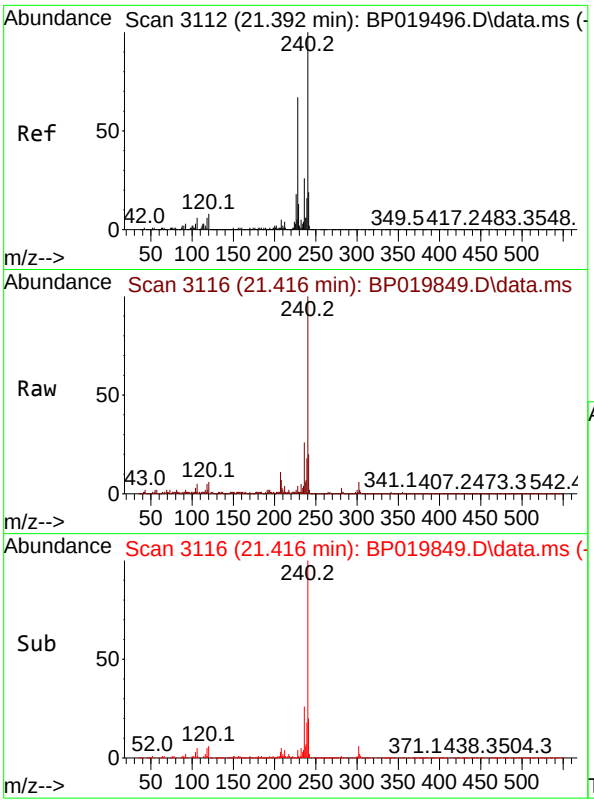


#75
Fluoranthene
Concen: 4.833 ng
RT: 19.322 min Scan# 2760
Delta R.T. -0.012 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Tgt Ion:202 Resp: 136715

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	27.7
203	17.7	0.0	37.5



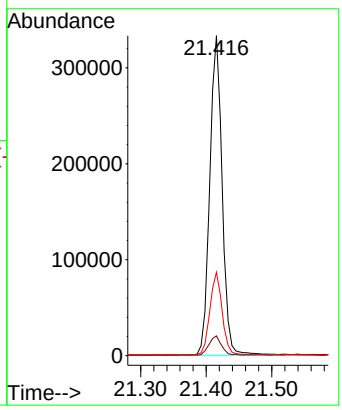


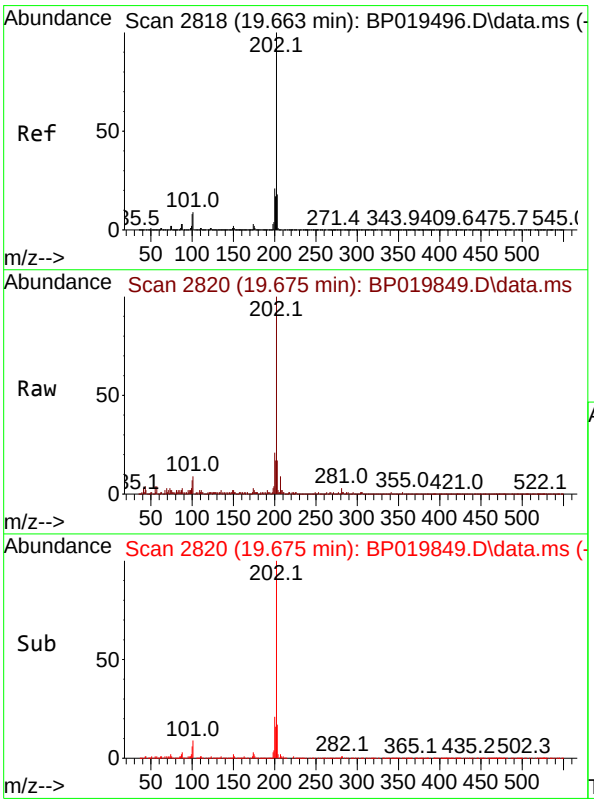
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Instrument :
BNA_P
ClientSampleId :
13

Tgt Ion:240 Resp: 437048

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.1	9.1
236	26.1	20.7	31.1

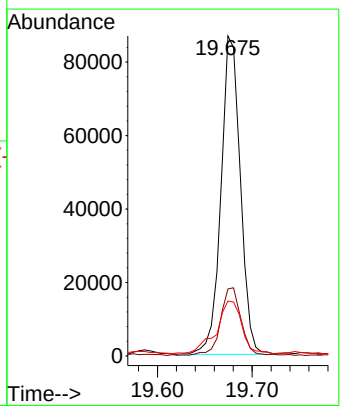


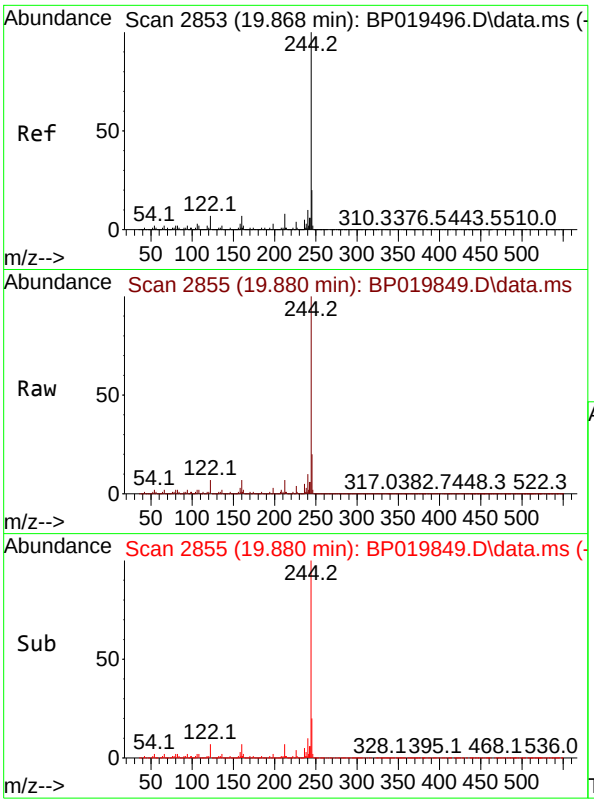


#78
Pyrene
Concen: 4.008 ng
RT: 19.675 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Tgt Ion:202 Resp: 123628

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.1	14.2	21.2



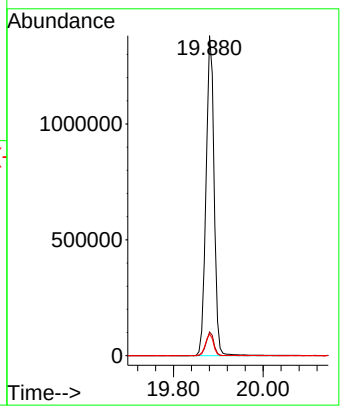


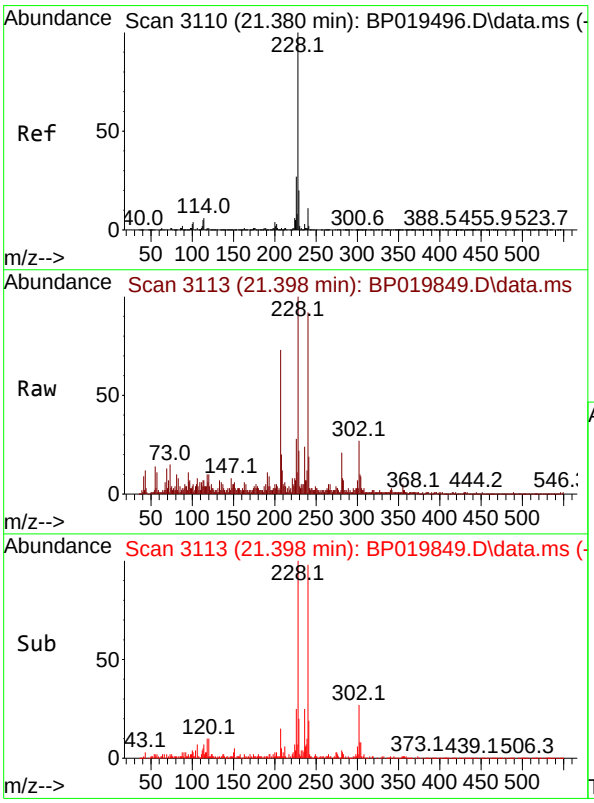
#79
Terphenyl-d14
Concen: 64.773 ng
RT: 19.880 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Instrument :
BNA_P
ClientSampleId :
13

Tgt Ion:244 Resp: 1721390

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	6.7	5.9	8.9

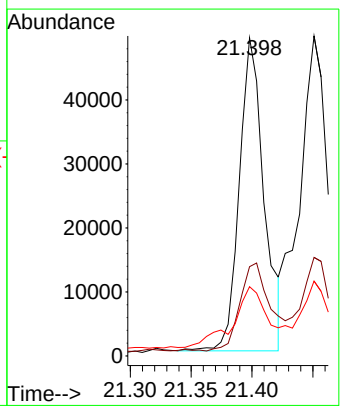


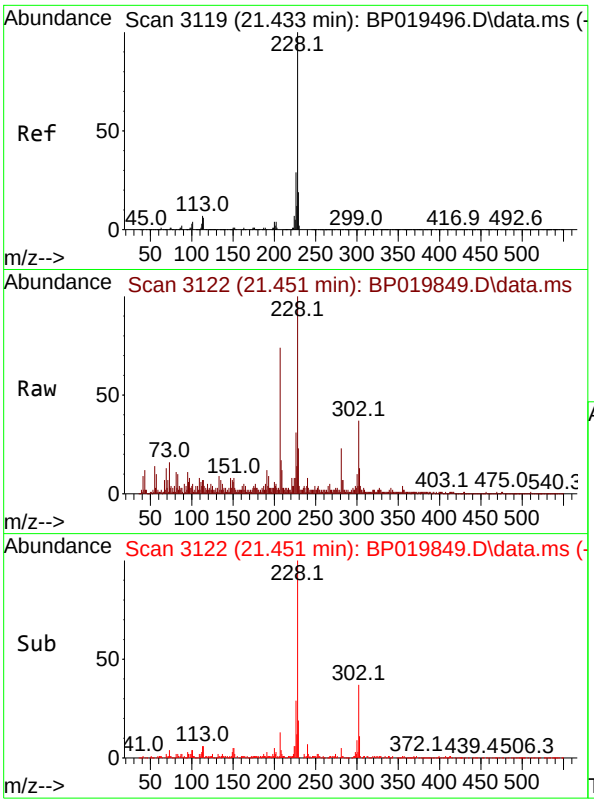


#81
Benzo(a)anthracene
Concen: 2.255 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Tgt Ion:228 Resp: 69375

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.7	32.5
229	21.8	15.6	23.4



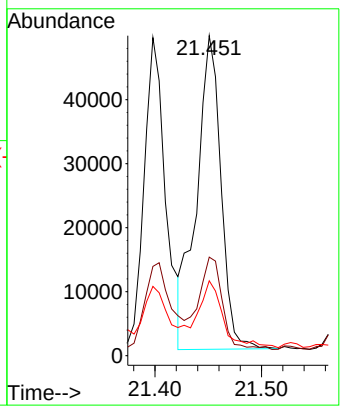


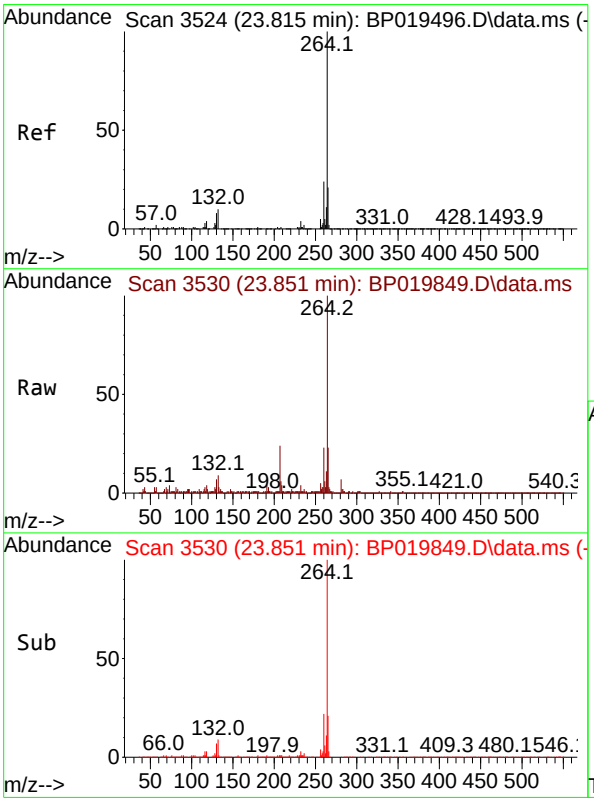
#83
Chrysene
Concen: 2.682 ng
RT: 21.451 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Instrument :
BNA_P
ClientSampleId :
13

Tgt Ion:228 Resp: 78346

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	23.4	15.6	23.4

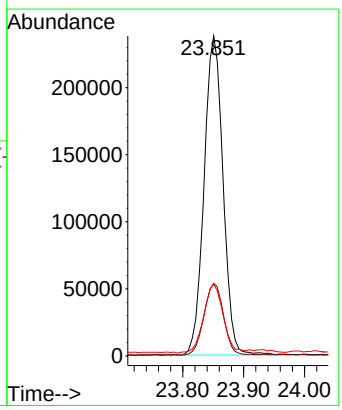


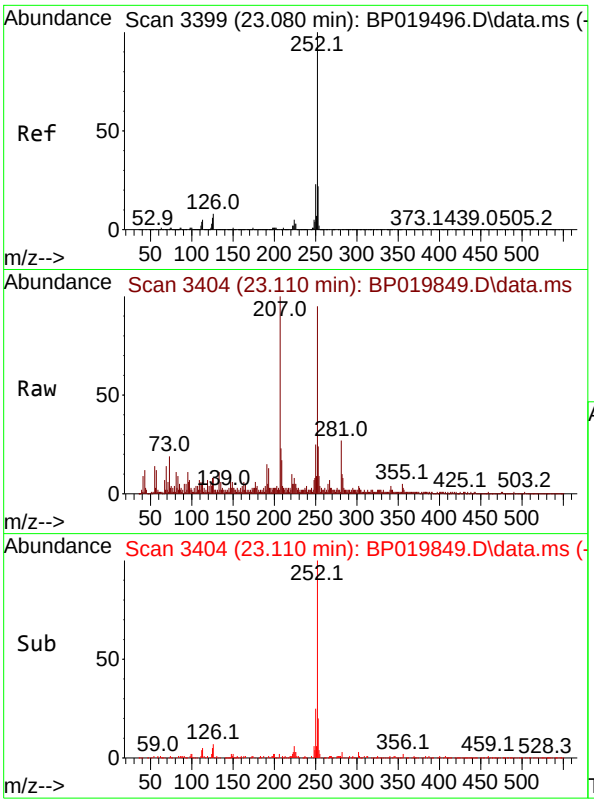


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.851 min Scan# 3530
Delta R.T. -0.018 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Tgt Ion:264 Resp: 515803

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	22.5	17.0	25.4



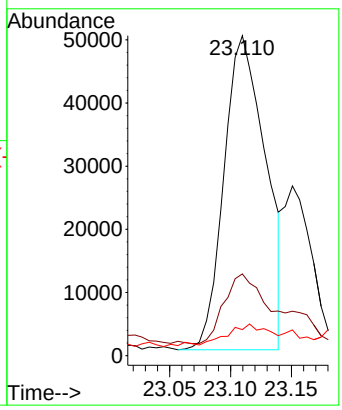


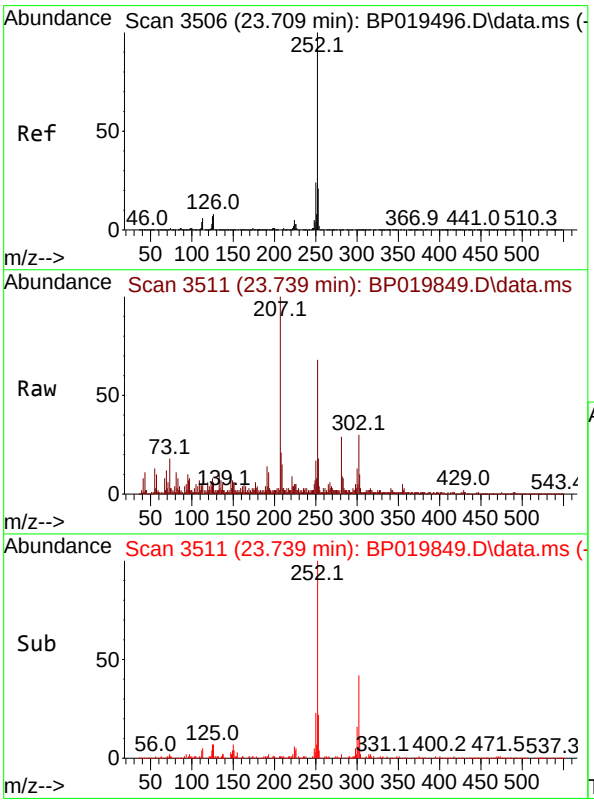
#88
Benzo(b)fluoranthene
Concen: 3.630 ng
RT: 23.110 min Scan# 34
Delta R.T. -0.018 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Instrument :
BNA_P
ClientSampleId :
13

Tgt Ion:252 Resp: 117994

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.3	25.9
125	8.1	4.9	7.3#

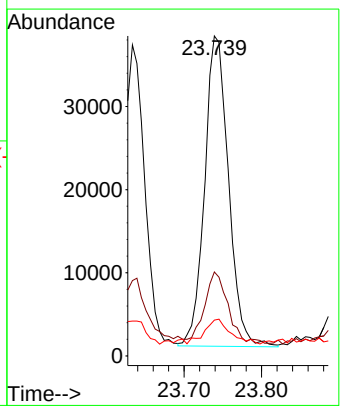


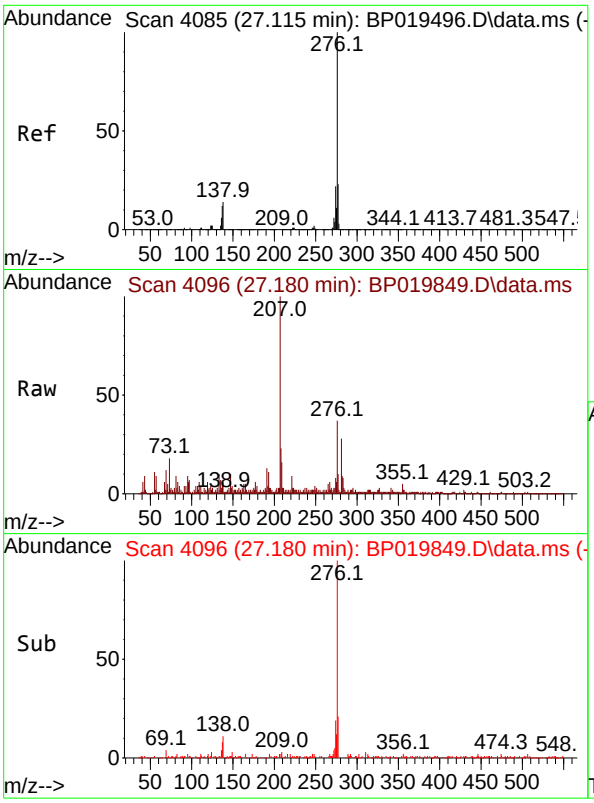


#90
Benzo(a)pyrene
Concen: 2.766 ng
RT: 23.739 min Scan# 3511
Delta R.T. -0.024 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Tgt Ion:252 Resp: 80015

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.1	25.7#
125	11.2	5.6	8.4#





#92
Benzo(g,h,i)perylene
Concen: 2.114 ng
RT: 27.180 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Instrument :
BNA_P
ClientSampleId :
13

Tgt Ion:276 Resp: 69649

Ion	Ratio	Lower	Upper
276	100		
277	26.0	18.6	28.0
138	15.5	10.9	16.3