Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011924\
Data File : BP019400.D
Acq On : 19 Jan 2024 12:43
Operator : MA/JU
Sample : P1160-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
XA313

Quant Time: Jan 19 13:14:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 03:05:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	134649	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.563	136	499025	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.422	164	367982	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	900228	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	892634	20.000	ng/ul	0.00
88) Perylene-d12	23.645	264	892484	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	20813	5.845	ng/uL	-0.01
4) Pyridine-d5	3.628	84	299154	29.053	ng/ul	-0.01
7) Phenol-d5	6.957	99	410956	31.933	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.104	67	246956	32.082	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.304	132	287142	32.481	ng/ul	-0.01
15) 4-Methylphenol-d8	8.504	113	301418	29.522	ng/ul	-0.01
21) Nitrobenzene-d5	8.934	128	141810	33.778	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.657	143	165848	33.999	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.204	165	328620	33.345	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	346431	27.829	ng/ul	-0.01
46) Dimethylphthalate-d6	13.839	166	1085164	33.379	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1161237	33.322	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.669	143	145617	29.169	ng/ul	0.00
60) Fluorene-d10	15.416	176	946402	35.557	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	201962	30.387	ng/ul	0.00
73) Anthracene-d10	17.280	188	1491511	33.220	ng/ul	0.00
81) Pyrene-d10	19.527	212	1946624	33.444	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.498	264	1711220	35.262	ng/ul	0.01
Target Compounds						Qvalue
10) Bis(2-Chloroethyl)ether	7.204	93	745747	71.708	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.581	70	230850	27.243	ng/ul	96
19) Hexachloroethane	8.834	117	227895	55.218	ng/ul	98
22) Nitrobenzene	8.981	77	786324	66.952	ng/ul	97
23) Isophorone	9.510	82	3013978	132.376	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.998	93	1832590	139.944	ng/ul	99
30) Naphthalene	10.616	128	3111875	110.667	ng/ul	99
33) Hexachlorobutadiene	10.892	225	1201644	146.646	ng/ul	100
36) 2-Methylnaphthalene	12.234	142	1243736	60.790	ng/ul	100
40) Hexachlorocyclopentadiene	12.569	237	804892	78.644	ng/ul	98
44) 2-Chloronaphthalene	13.292	162	2063026	83.918	ng/ul	99
47) Dimethylphthalate	13.886	163	1438173	44.511	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	125258	19.605	ng/ul	99
50) Acenaphthylene	14.139	152	1337115	35.030	ng/ul	99
59) Diethylphthalate	15.257	149	1569058	51.894	ng/ul	99
61) Fluorene	15.475	166	1191705	40.633	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.475	204	3014552	172.240	ng/ul	97
68) 4-Bromophenyl-phenylether	16.369	248	1042834	84.808	ng/ul	98
69) Hexachlorobenzene	16.480	284	1084889	76.556	ng/ul	98
72) Phenanthrene	17.222	178	1834327	36.275	ng/ul	100
74) Anthracene	17.316	178	2127908	41.510	ng/ul	99
78) Di-n-butylphthalate	18.151	149	2972257	56.948	ng/ul	99
87) Chrysene	21.327	228	2277870	35.861	ng/ul	99
89) Di-n-octyl phthalate	22.109	149	1536251	25.219	ng/ul	100

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011924\
Data File : BP019400.D
Acq On : 19 Jan 2024 12:43
Operator : MA/JU
Sample : P1160-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
XA313

Quant Time: Jan 19 13:14:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 03:05:24 2024
Response via : Initial Calibration

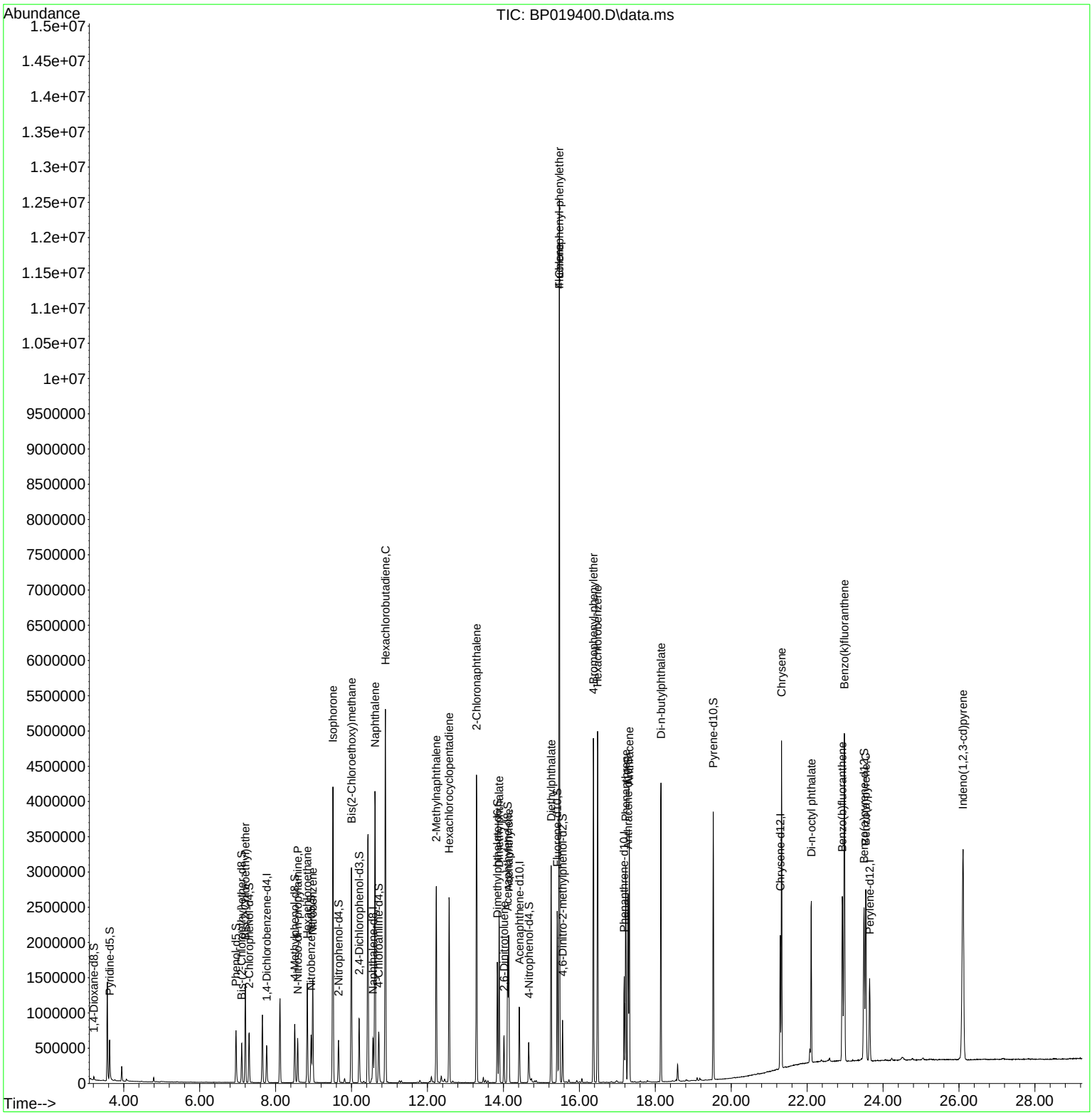
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90)	Benzo(b)fluoranthene	22.927	252	1853516	29.061	ng/ul	99
91)	Benzo(k)fluoranthene	22.980	252	3445195	55.681	ng/ul	99
93)	Benzo(a)pyrene	23.545	252	1931517	33.702	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.103	276	3034352	44.768	ng/ul	96

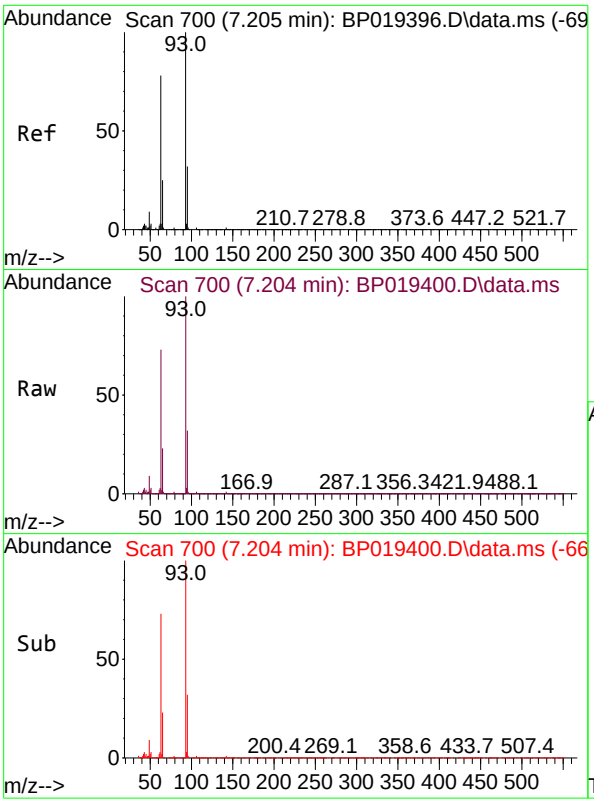
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011924\
Data File : BP019400.D
Acq On : 19 Jan 2024 12:43
Operator : MA/JU
Sample : P1160-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
XA313

Quant Time: Jan 19 13:14:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 03:05:24 2024
Response via : Initial Calibration



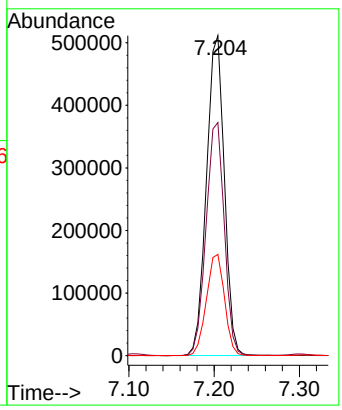


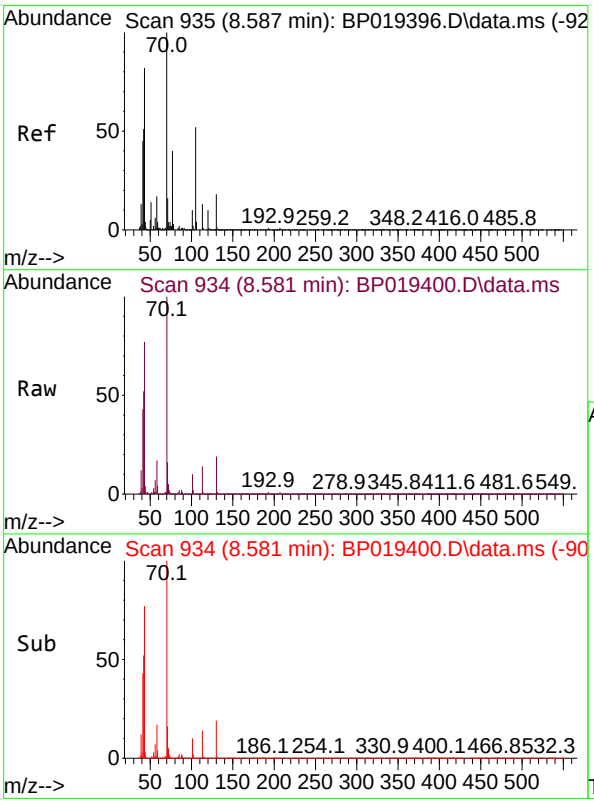
#10
Bis(2-Chloroethyl)ether
Concen: 71.708 ng/ul
RT: 7.204 min Scan# 70
Delta R.T. -0.012 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Instrument :
BNA_P
ClientSampleId :
XA313

Tgt Ion: 93 Resp: 745747

Ion	Ratio	Lower	Upper
93	100		
63	72.8	60.7	91.1
95	31.6	26.2	39.2

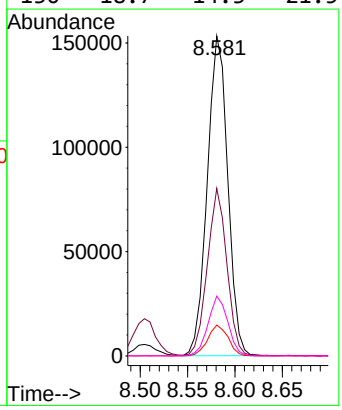


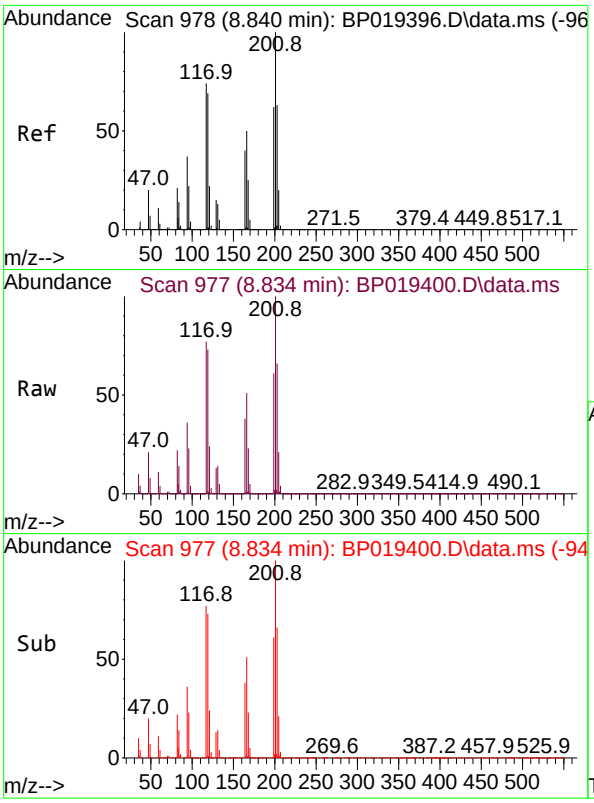


#17
N-Nitroso-di-n-propylamine
Concen: 27.243 ng/ul
RT: 8.581 min Scan# 934
Delta R.T. -0.018 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Tgt Ion: 70 Resp: 230850

Ion	Ratio	Lower	Upper
70	100		
42	52.3	38.5	57.7
101	9.6	7.9	11.9
130	18.7	14.3	21.5



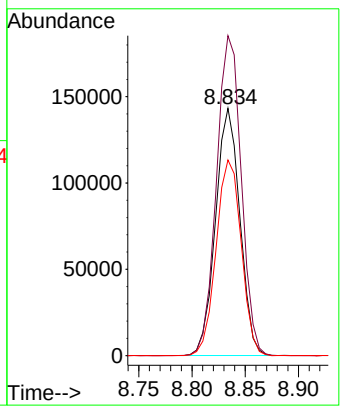


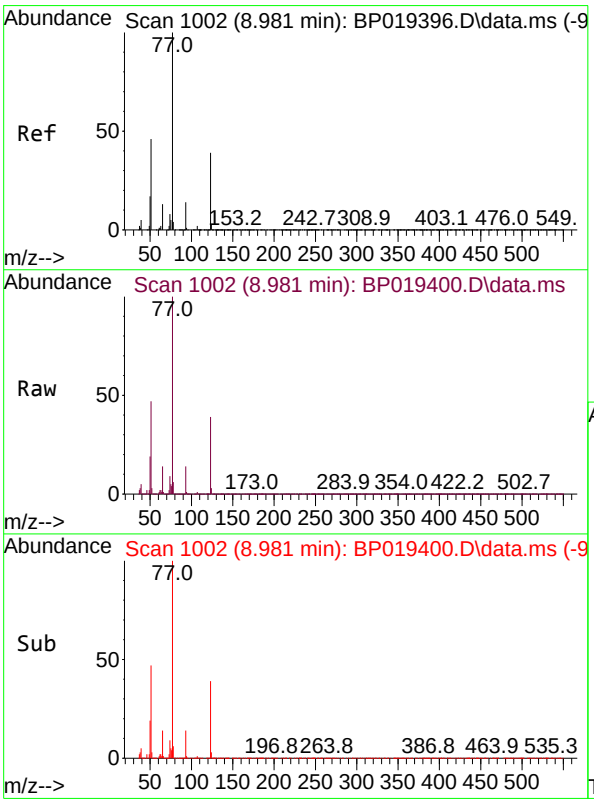
#19
Hexachloroethane
Concen: 55.218 ng/ul
RT: 8.834 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Instrument :
BNA_P
ClientSampleId :
XA313

Tgt Ion:117 Resp: 227895

Ion	Ratio	Lower	Upper
117	100		
201	129.4	101.8	152.6
199	79.2	62.6	93.8

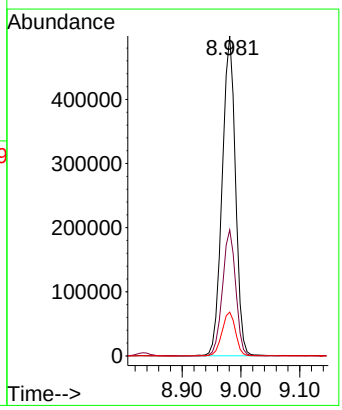


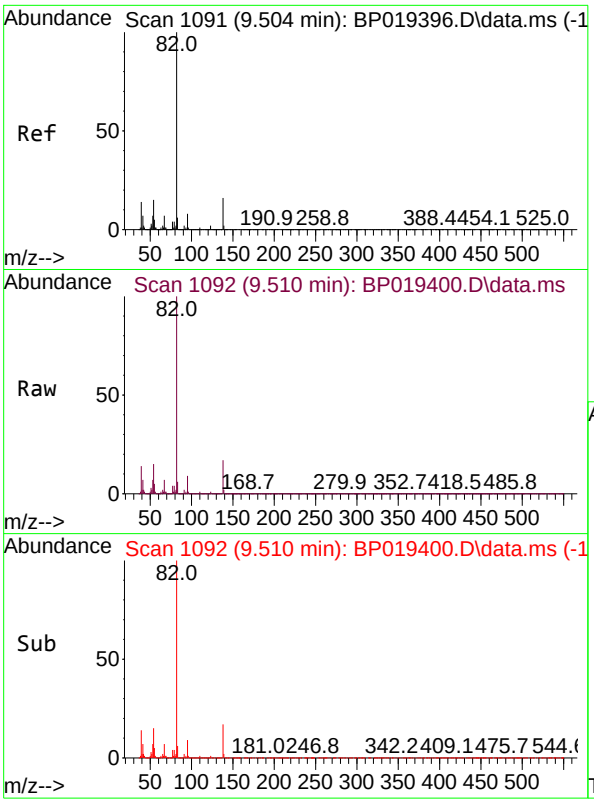


#22
Nitrobenzene
Concen: 66.952 ng/ul
RT: 8.981 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Tgt Ion: 77 Resp: 786324

Ion	Ratio	Lower	Upper
77	100		
123	39.4	30.0	45.0
65	13.7	10.5	15.7



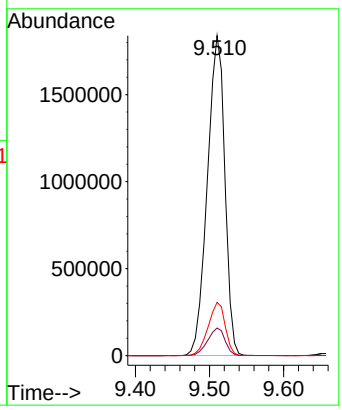


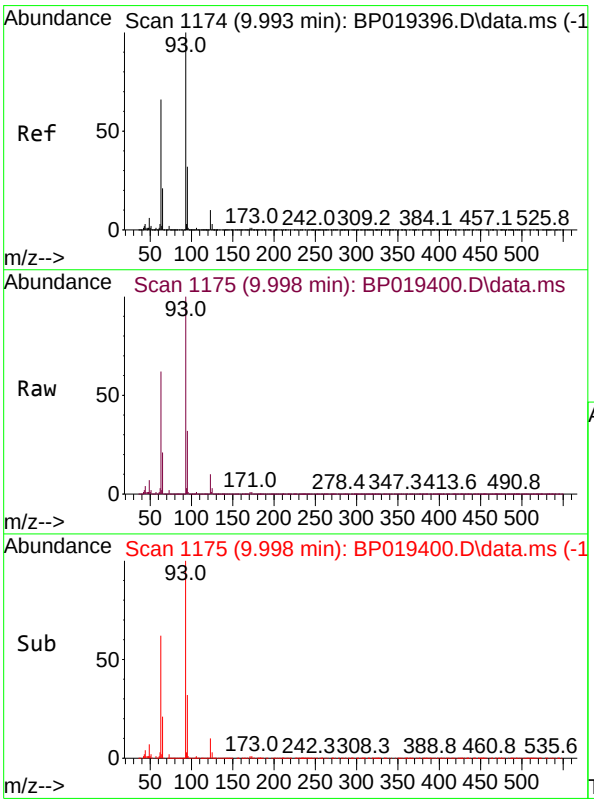
#23
Isophorone
Concen: 132.376 ng/ul
RT: 9.510 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Instrument :
BNA_P
ClientSampleId :
XA313

Tgt Ion: 82 Resp: 3013978

Ion	Ratio	Lower	Upper
82	100		
95	8.6	6.6	10.0
138	16.7	13.0	19.4

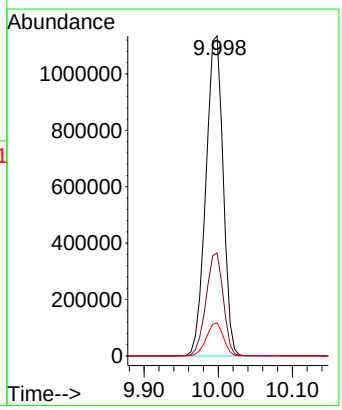


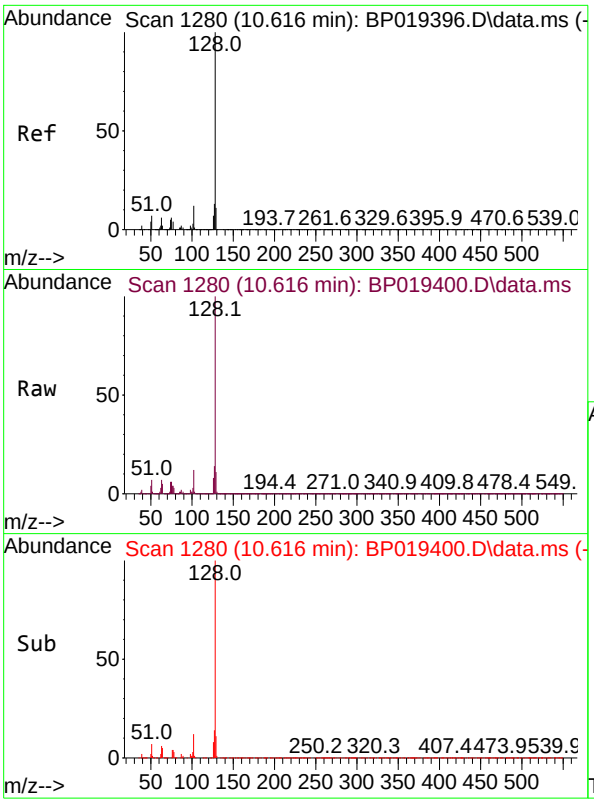


#27
Bis(2-Chloroethoxy)methane
Concen: 139.944 ng/ul
RT: 9.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Tgt Ion: 93 Resp: 1832590

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.9	38.9
123	10.3	7.9	11.9



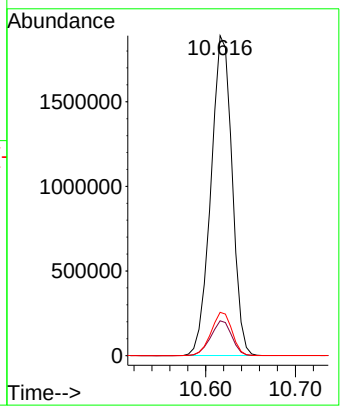


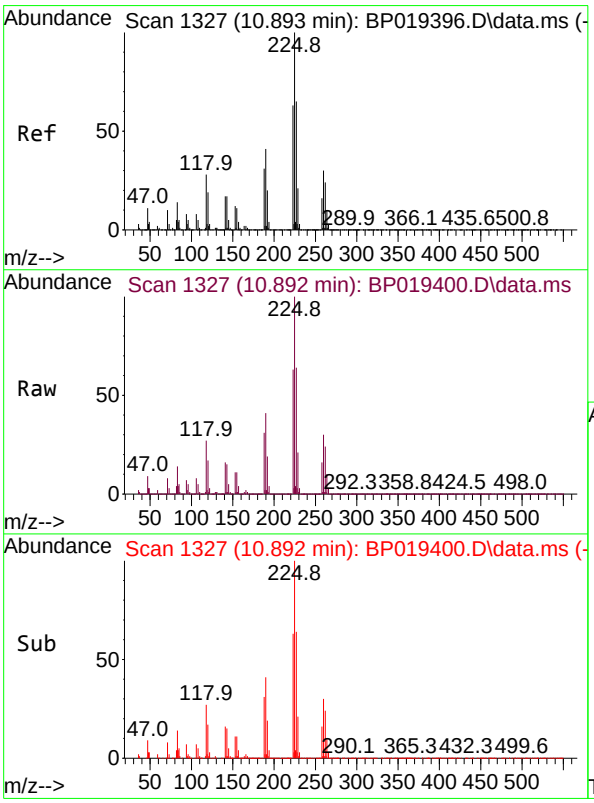
#30
Naphthalene
Concen: 110.667 ng/ul
RT: 10.616 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Instrument :
BNA_P
ClientSampleId :
XA313

Tgt Ion:128 Resp: 3111875

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.5	10.6	15.8

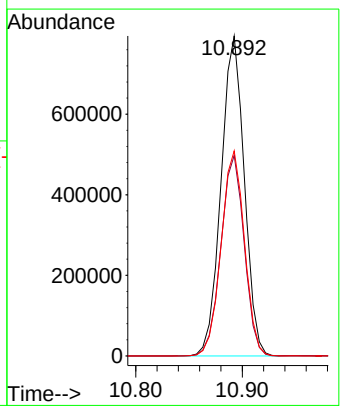


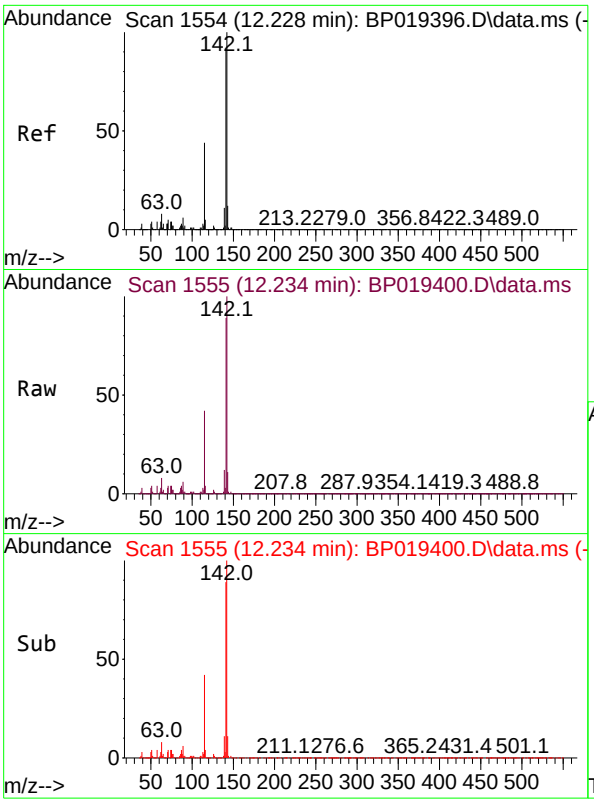


#33
Hexachlorobutadiene
Concen: 146.646 ng/ul
RT: 10.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Tgt Ion:225 Resp: 1201644

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.9	74.9
227	64.1	51.0	76.6



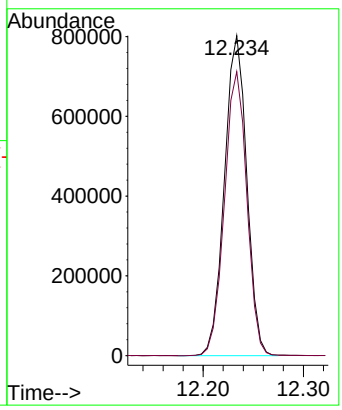


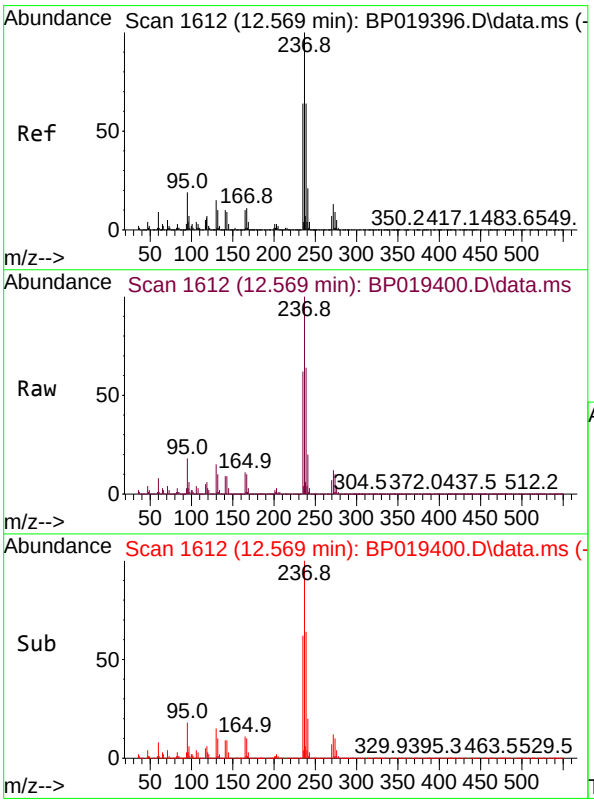
#36
2-Methylnaphthalene
Concen: 60.790 ng/ul
RT: 12.234 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Instrument :
BNA_P
ClientSampleId :
XA313

Tgt Ion:142 Resp: 1243736

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.1	106.7

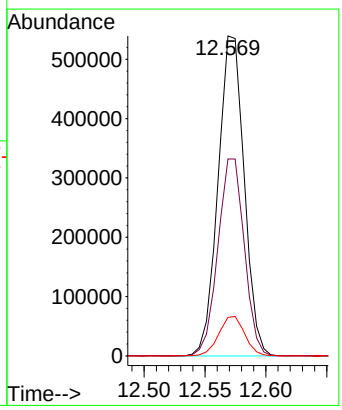


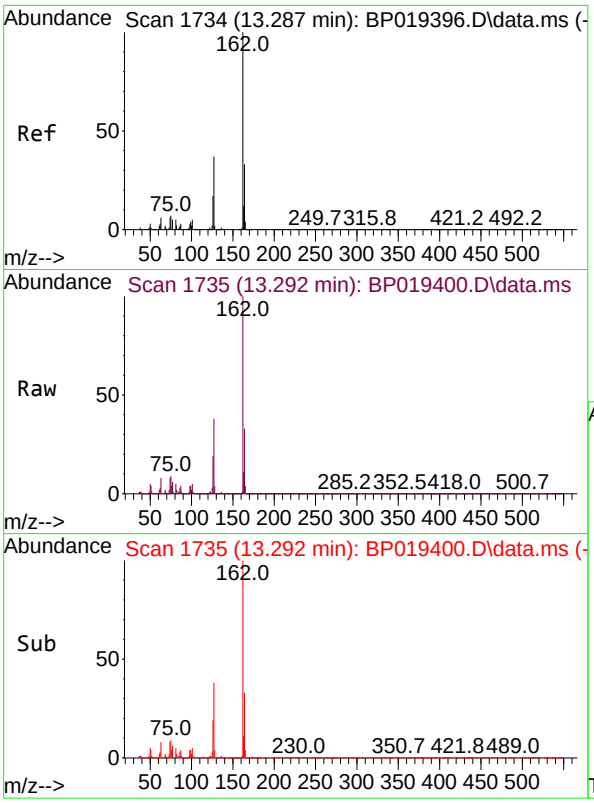


#40
Hexachlorocyclopentadiene
Concen: 78.644 ng/ul
RT: 12.569 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Tgt Ion:237 Resp: 804892

Ion	Ratio	Lower	Upper
237	100		
235	61.5	50.0	75.0
272	12.1	11.4	17.2



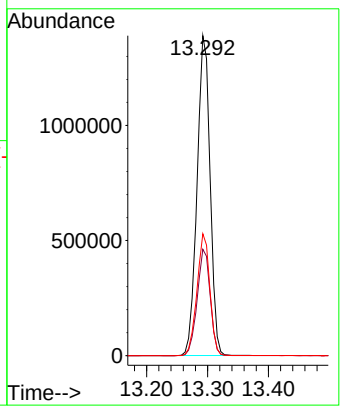


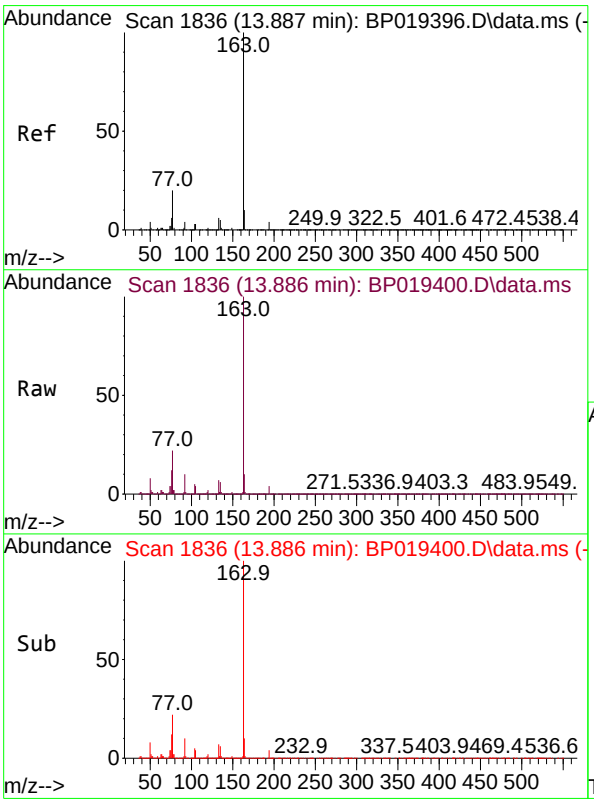
#44
2-Chloronaphthalene
Concen: 83.918 ng/ul
RT: 13.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Instrument :
BNA_P
ClientSampleId :
XA313

Tgt Ion:162 Resp: 2063026

Ion	Ratio	Lower	Upper
162	100		
164	33.2	26.6	40.0
127	38.1	29.4	44.2

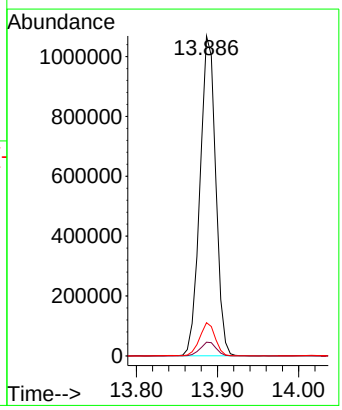


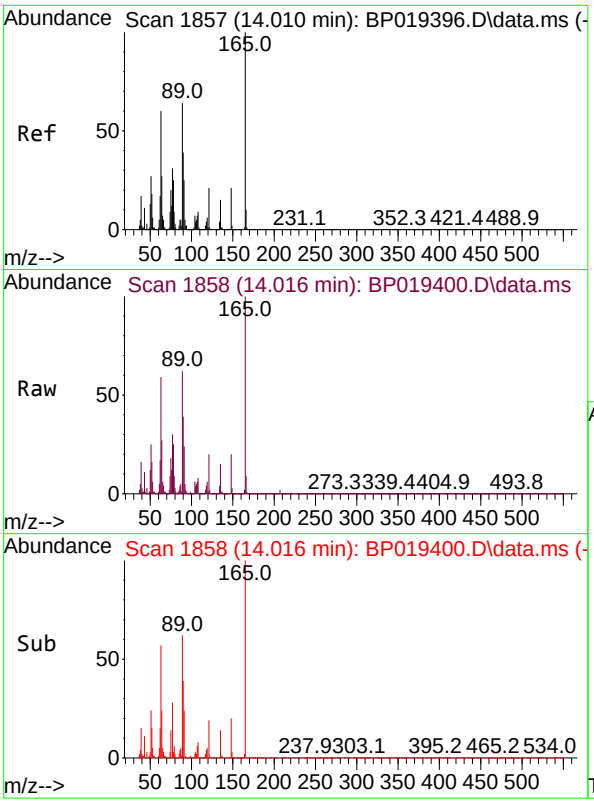


#47
Dimethylphthalate
Concen: 44.511 ng/ul
RT: 13.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Tgt Ion:163 Resp: 1438173

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	8.1	12.1



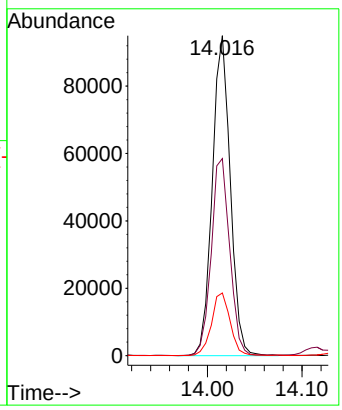


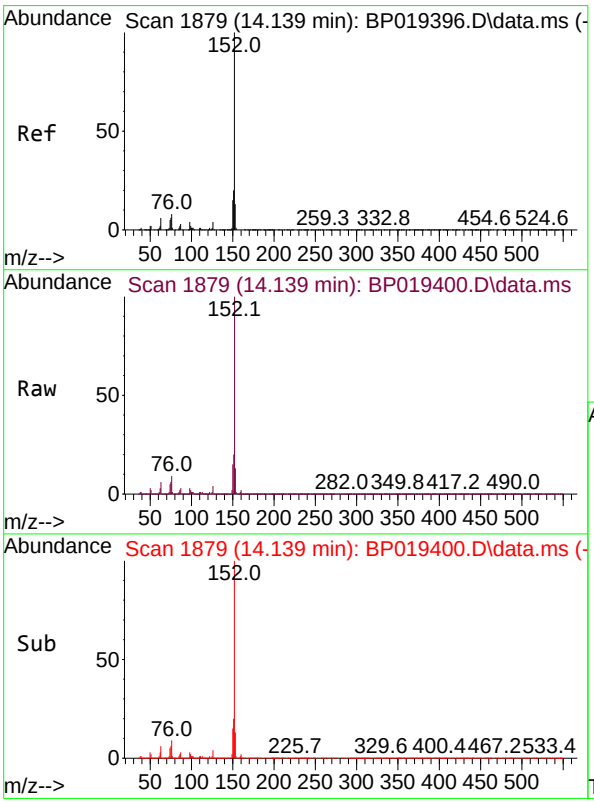
#48
2,6-Dinitrotoluene
Concen: 19.605 ng/ul
RT: 14.016 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Instrument :
BNA_P
ClientSampleId :
XA313

Tgt Ion:165 Resp: 125258

Ion	Ratio	Lower	Upper
165	100		
89	61.6	49.9	74.9
121	19.6	16.5	24.7

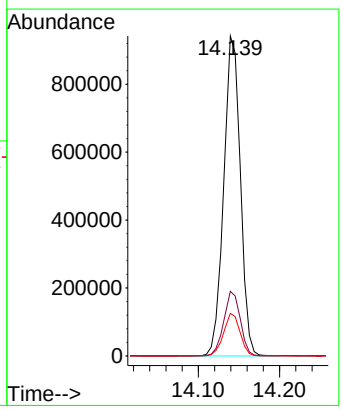


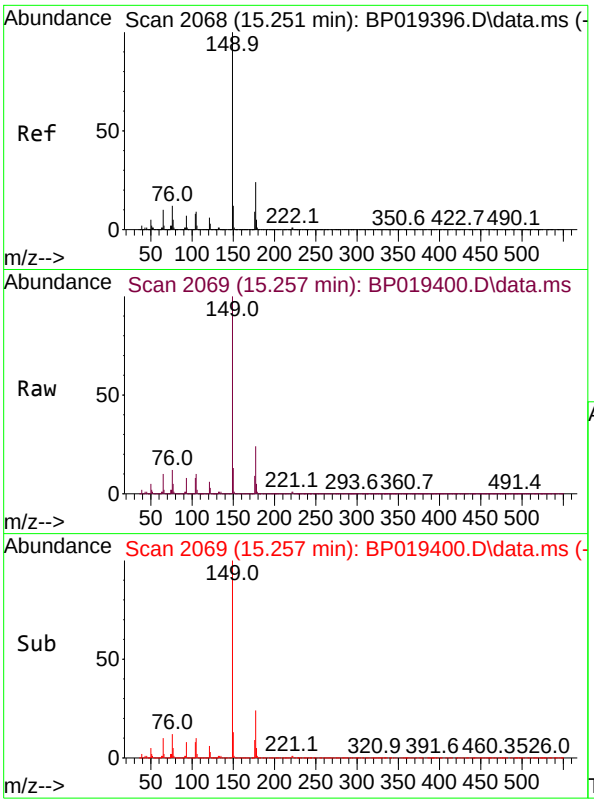


#50
Acenaphthylene
Concen: 35.030 ng/ul
RT: 14.139 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Tgt Ion:152 Resp: 1337115

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.3	10.3	15.5



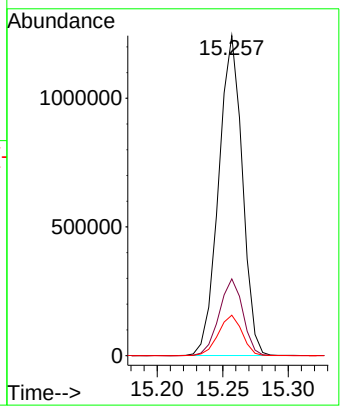


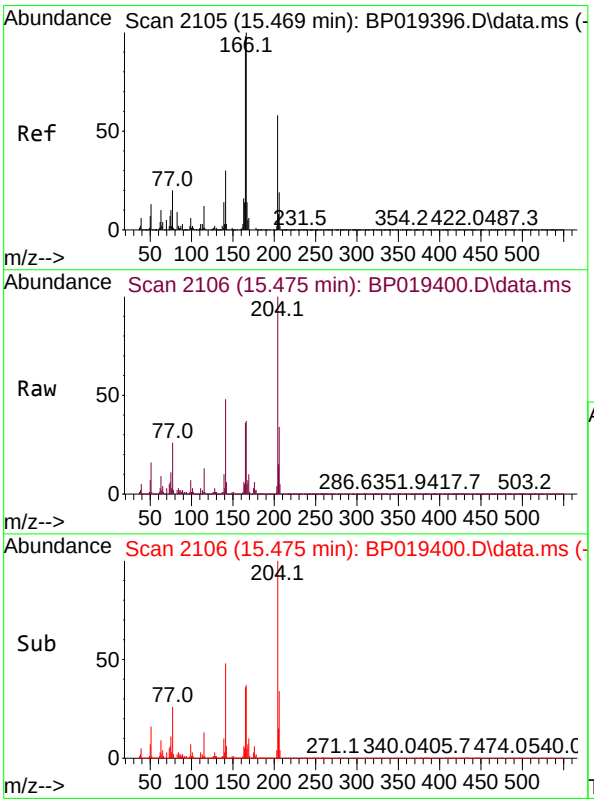
#59
Diethylphthalate
Concen: 51.894 ng/ul
RT: 15.257 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Instrument :
BNA_P
ClientSampleId :
XA313

Tgt Ion:149 Resp: 1569058

Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.8	28.2
150	12.6	10.2	15.4

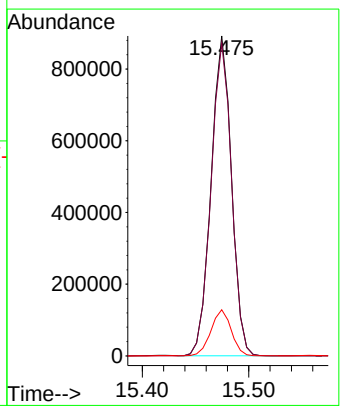


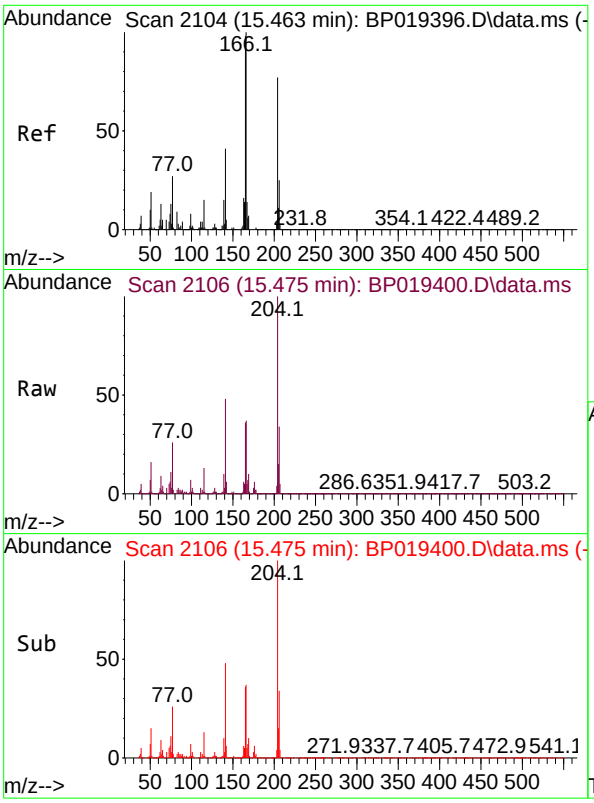


#61
Fluorene
Concen: 40.633 ng/ul
RT: 15.475 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Tgt Ion:166 Resp: 1191705

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	118.0
167	14.4	10.6	15.8



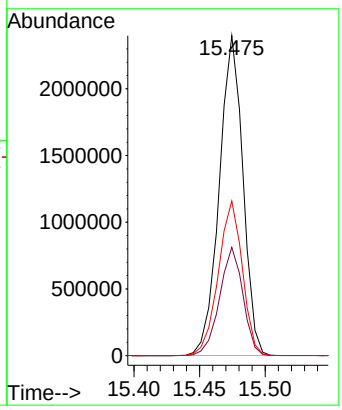


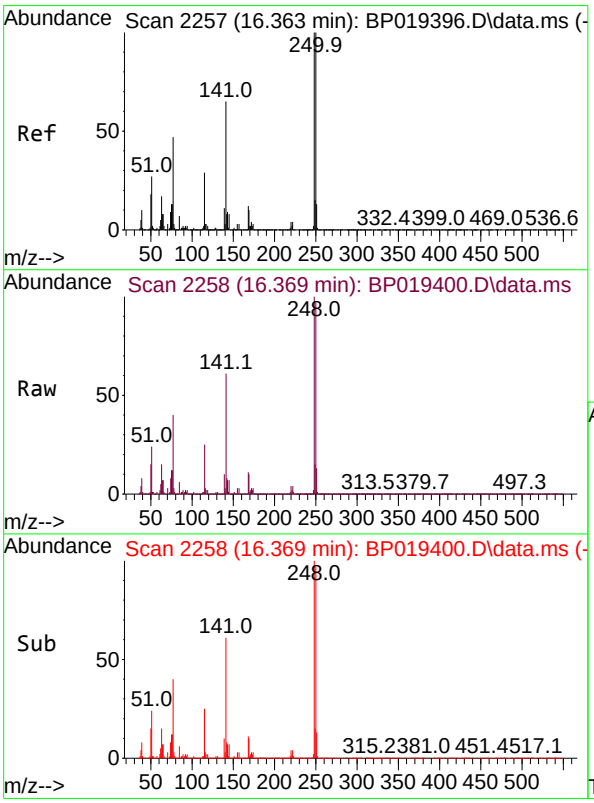
#62
4-Chlorophenyl-phenylether
Concen: 172.240 ng/ul
RT: 15.475 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Instrument :
BNA_P
ClientSampleId :
XA313

Tgt Ion:204 Resp: 3014552

Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.0	40.4
141	48.3	41.5	62.3

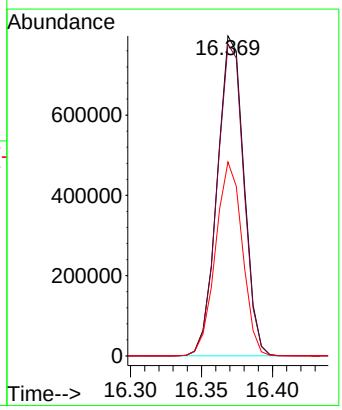


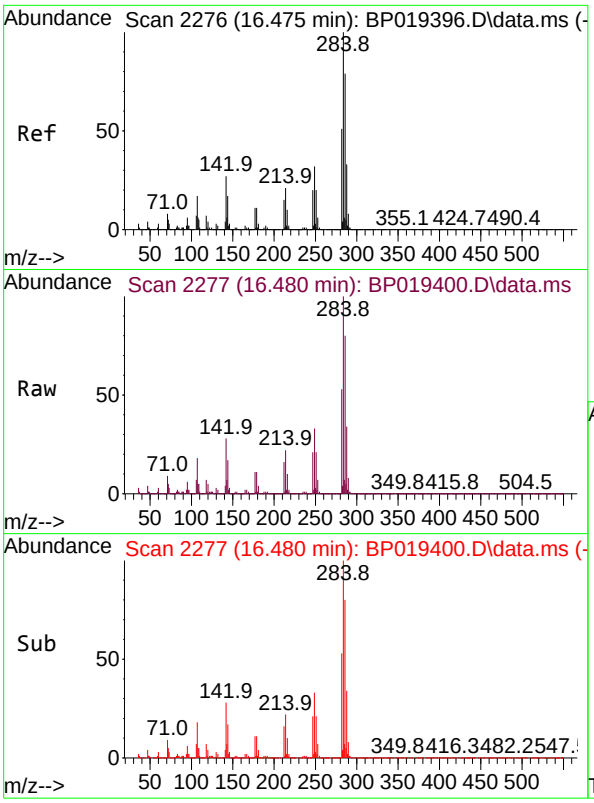


#68
4-Bromophenyl-phenylether
Concen: 84.808 ng/ul
RT: 16.369 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Tgt Ion:248 Resp: 1042834

Ion	Ratio	Lower	Upper
248	100		
250	97.4	75.6	113.4
141	60.6	48.7	73.1



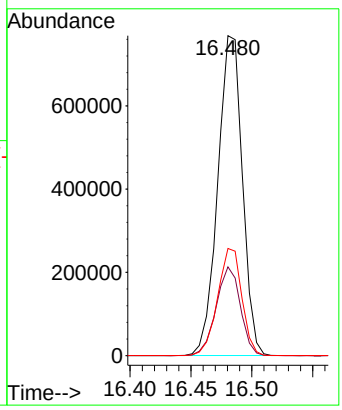


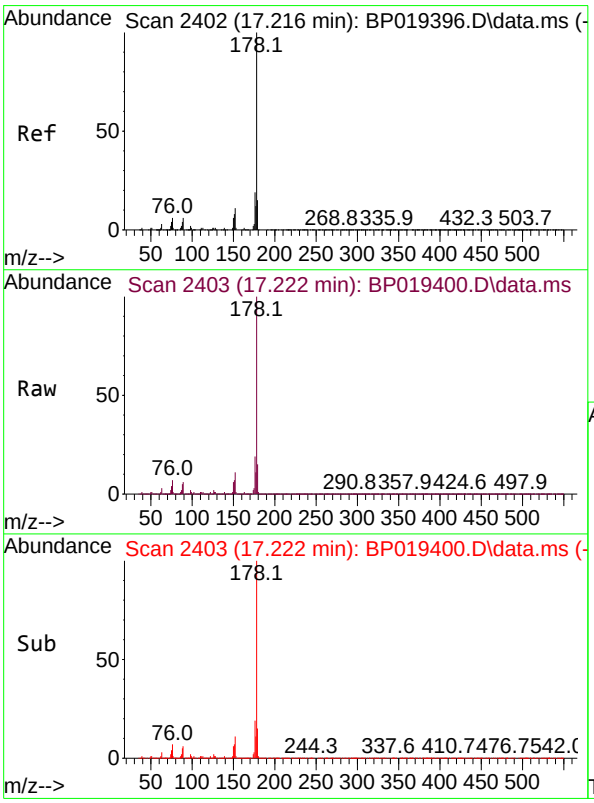
#69
Hexachlorobenzene
Concen: 76.556 ng/ul
RT: 16.480 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Instrument :
BNA_P
ClientSampleId :
XA313

Tgt Ion:284 Resp: 1084889

Ion	Ratio	Lower	Upper
284	100		
142	27.7	23.6	35.4
249	33.5	26.1	39.1

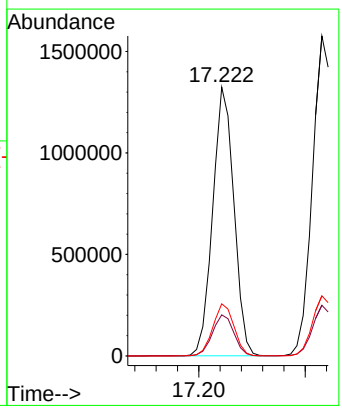


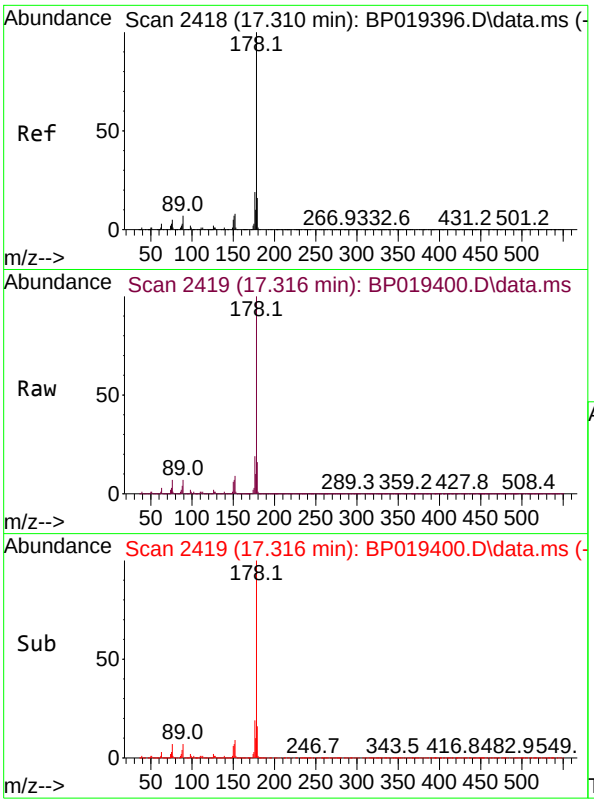


#72
Phenanthrene
Concen: 36.275 ng/ul
RT: 17.222 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Tgt Ion:178 Resp: 1834327

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	19.4	15.4	23.2



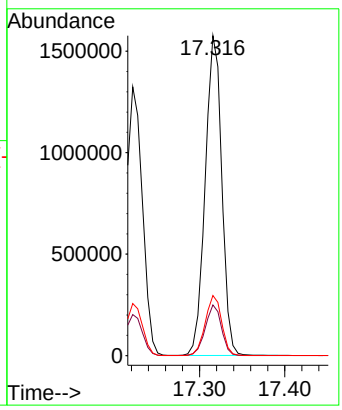


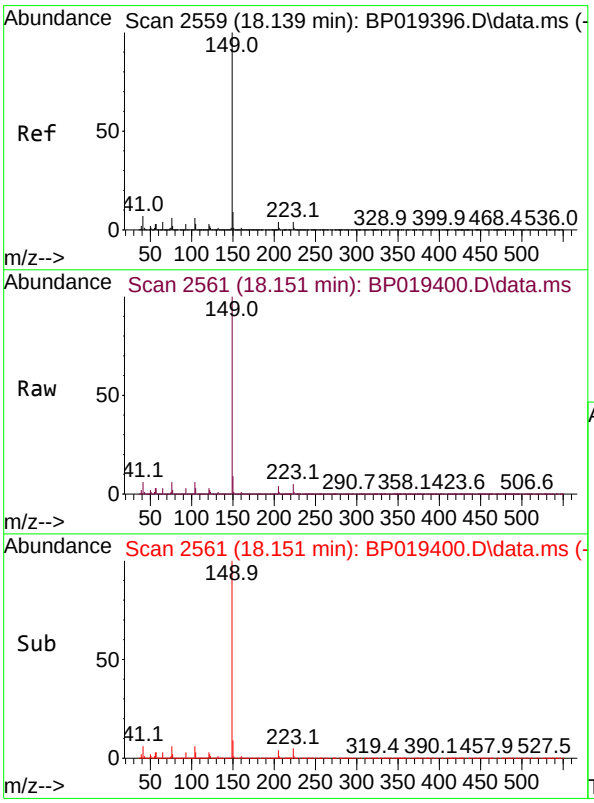
#74
Anthracene
Concen: 41.510 ng/ul
RT: 17.316 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Instrument :
BNA_P
ClientSampleId :
XA313

Tgt Ion:178 Resp: 2127908

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.8	14.6	22.0

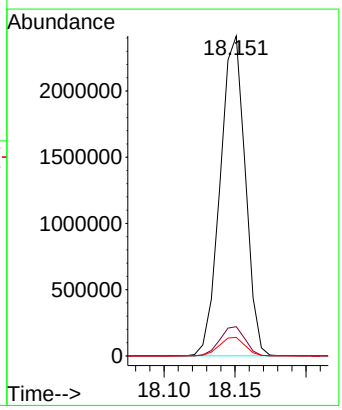


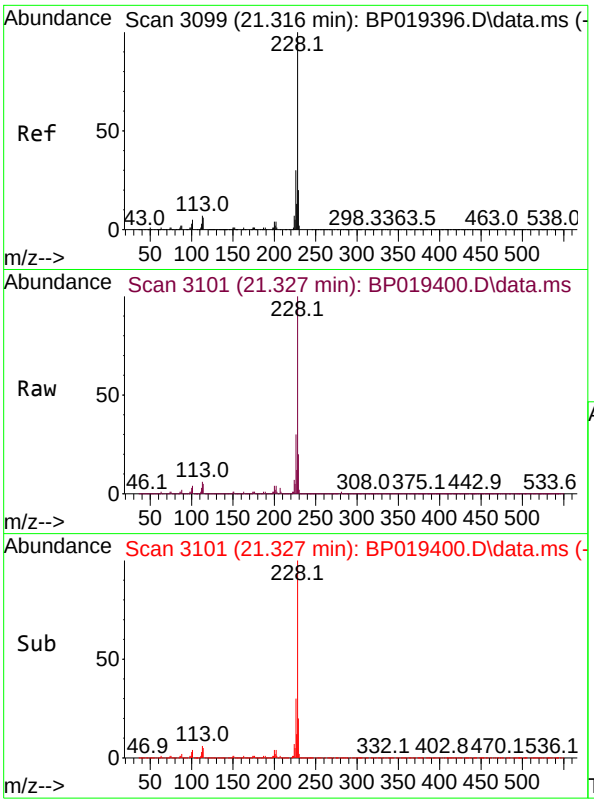


#78
Di-n-butylphthalate
Concen: 56.948 ng/ul
RT: 18.151 min Scan# 2561
Delta R.T. -0.000 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Tgt Ion:149 Resp: 2972257

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.0	10.6
104	5.8	4.6	6.8



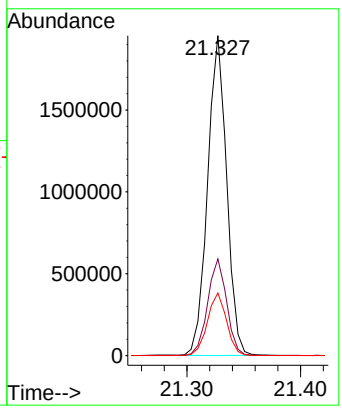


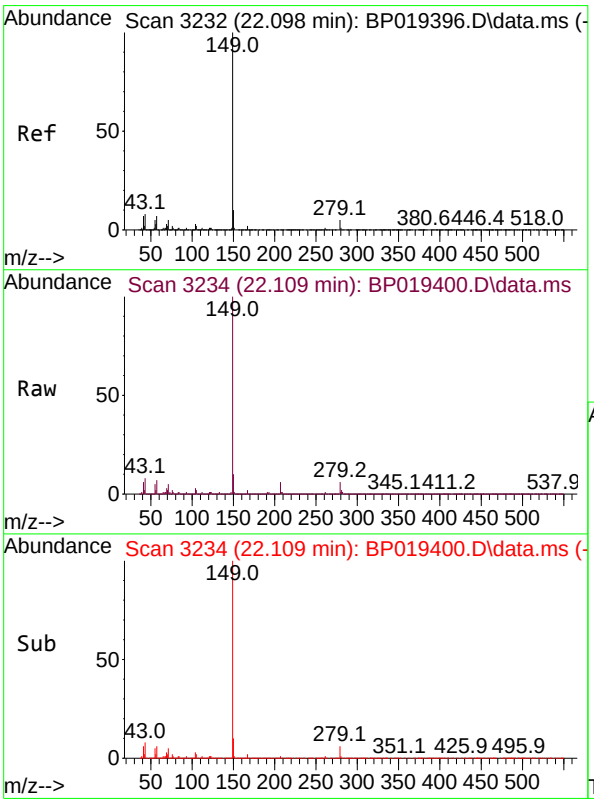
#87
Chrysene
Concen: 35.861 ng/ul
RT: 21.327 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Instrument :
BNA_P
ClientSampleId :
XA313

Tgt Ion:228 Resp: 2277870

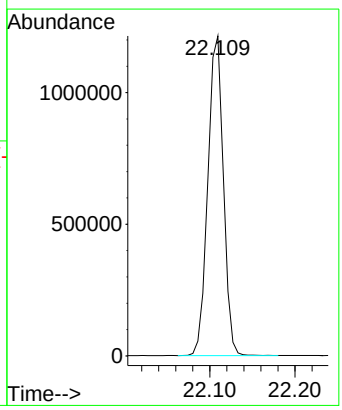
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.6	15.5	23.3

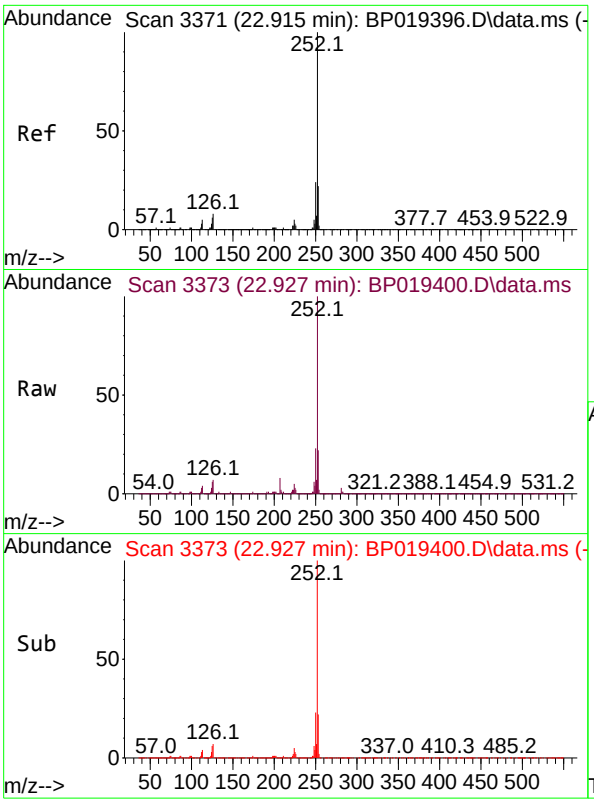




#89
Di-n-octyl phthalate
Concen: 25.219 ng/ul
RT: 22.109 min Scan# 3234
Delta R.T. 0.006 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Tgt Ion:149 Resp: 1536251



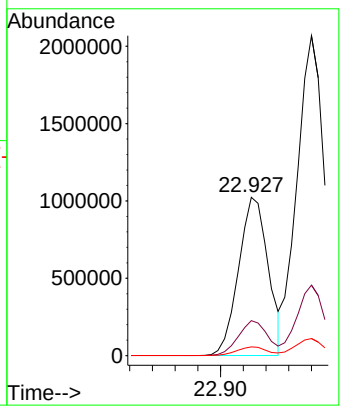


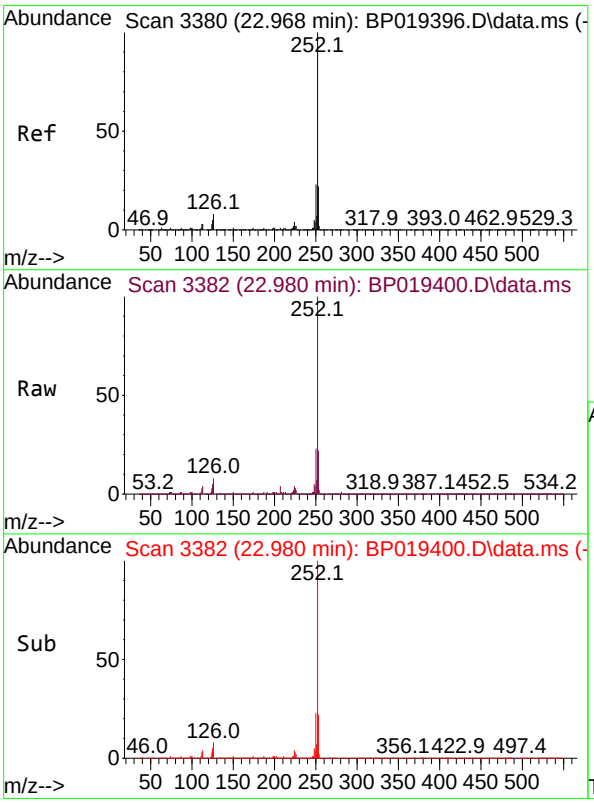
#90
Benzo(b)fluoranthene
Concen: 29.061 ng/ul
RT: 22.927 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Instrument :
BNA_P
ClientSampleId :
XA313

Tgt Ion:252 Resp: 1853516

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	5.6	4.9	7.3

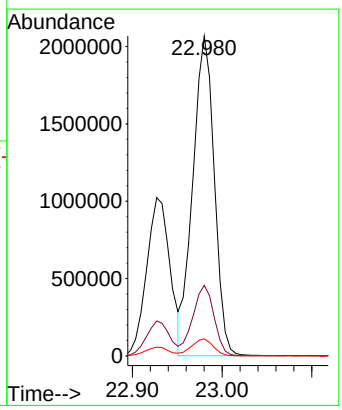


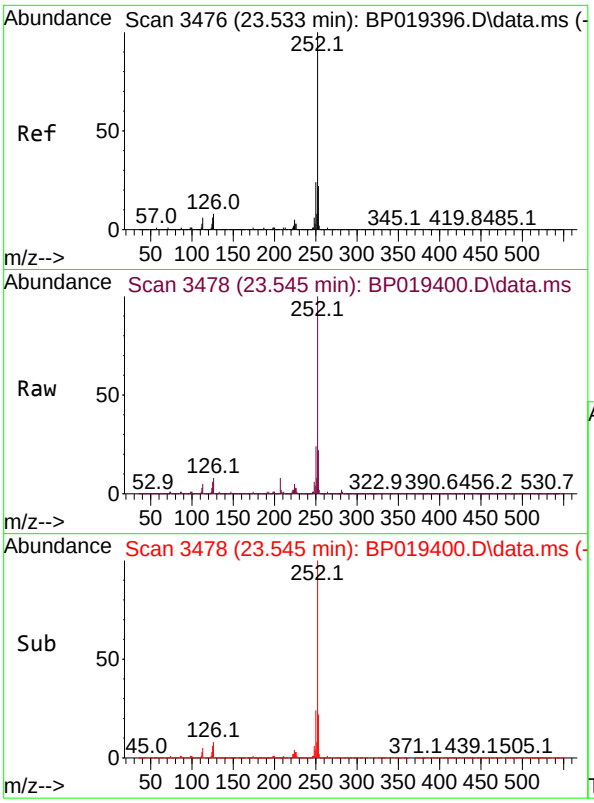


#91
Benzo(k)fluoranthene
Concen: 55.681 ng/ul
RT: 22.980 min Scan# 3382
Delta R.T. 0.012 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Tgt Ion:252 Resp: 3445195

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	5.3	4.8	7.2



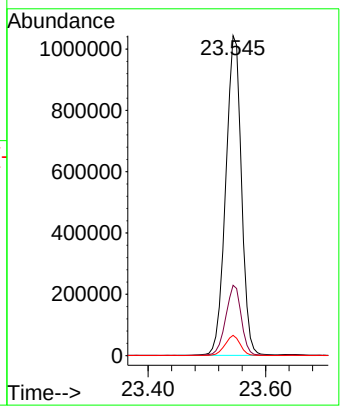


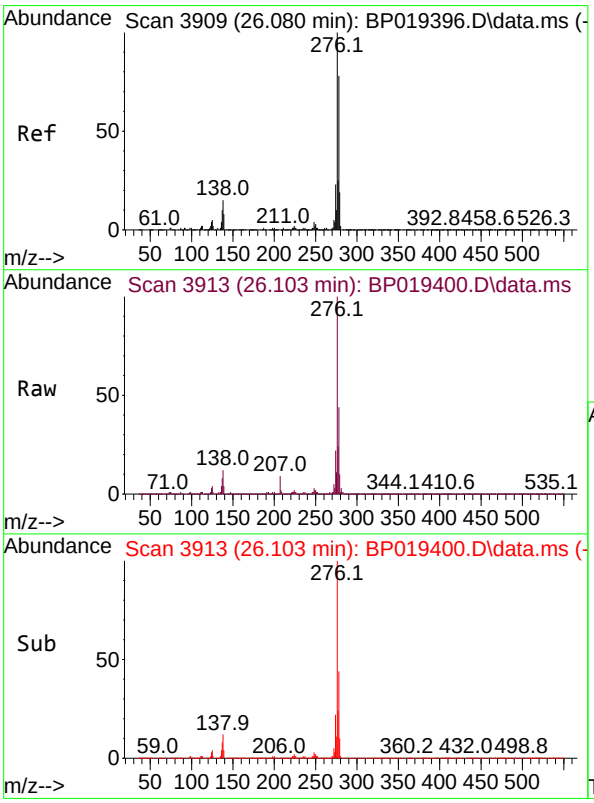
#93
Benzo(a)pyrene
Concen: 33.702 ng/ul
RT: 23.545 min Scan# 34
Delta R.T. 0.006 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Instrument :
BNA_P
ClientSampleId :
XA313

Tgt Ion:252 Resp: 1931517

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	6.3	5.2	7.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 44.768 ng/ul
RT: 26.103 min Scan# 3913
Delta R.T. 0.017 min
Lab File: BP019400.D
Acq: 19 Jan 2024 12:43

Tgt Ion:276 Resp: 3034352

Ion	Ratio	Lower	Upper
276	100		
138	12.4	12.2	18.4
277	24.2	19.9	29.9