Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005496.D
Acq On : 11 May 2021 19:06
Operator : CG/JU
Sample : M2295-12 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DRUM-B-C-E

Quant Time: May 12 05:28:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 11:20:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	9566	20.00	ng	0.00
21) Naphthalene-d8	10.487	136	27991	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	23170	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	62759	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	100964	20.00	ng	# 0.00
86) Perylene-d12	23.492	264	121142	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	13	0.03	ng	-0.03
7) Phenol-d6	6.881	99	6	0.01	ng	-0.01
23) Nitrobenzene-d5	8.863	82	31718	44.60	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	8	0.01	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	79612	38.76	ng	0.00
79) Terphenyl-d14	19.663	244	161509	27.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	59	Below Cal	#	1
9) Benzaldehyde	6.858	77	424	Below Cal	#	55
31) Naphthalene	10.534	128	48474	32.20	ng	# 96
33) 4-Chloroaniline	10.534	127	6433	10.97	ng	# 31
37) 2-Methylnaphthalene	12.157	142	6456	5.35	ng	# 83
38) 1-Methylnaphthalene	12.375	142	4676	4.10	ng	# 88
41) Hexachlorocyclopentadiene	12.316	237	7	7.89	ng	81
50) Dimethylphthalate	13.810	163	4540	2.27	ng	# 95
52) Acenaphthene	14.404	154	6858	5.15	ng	89
55) Dibenzofuran	14.745	168	5397	2.16	ng	97
56) 4-Nitrophenol	14.740	139	2243	9.23	ng	# 1
71) Phenanthrene	17.134	178	13054	3.66	ng	99
72) Anthracene	17.134	178	13054	3.69	ng	98

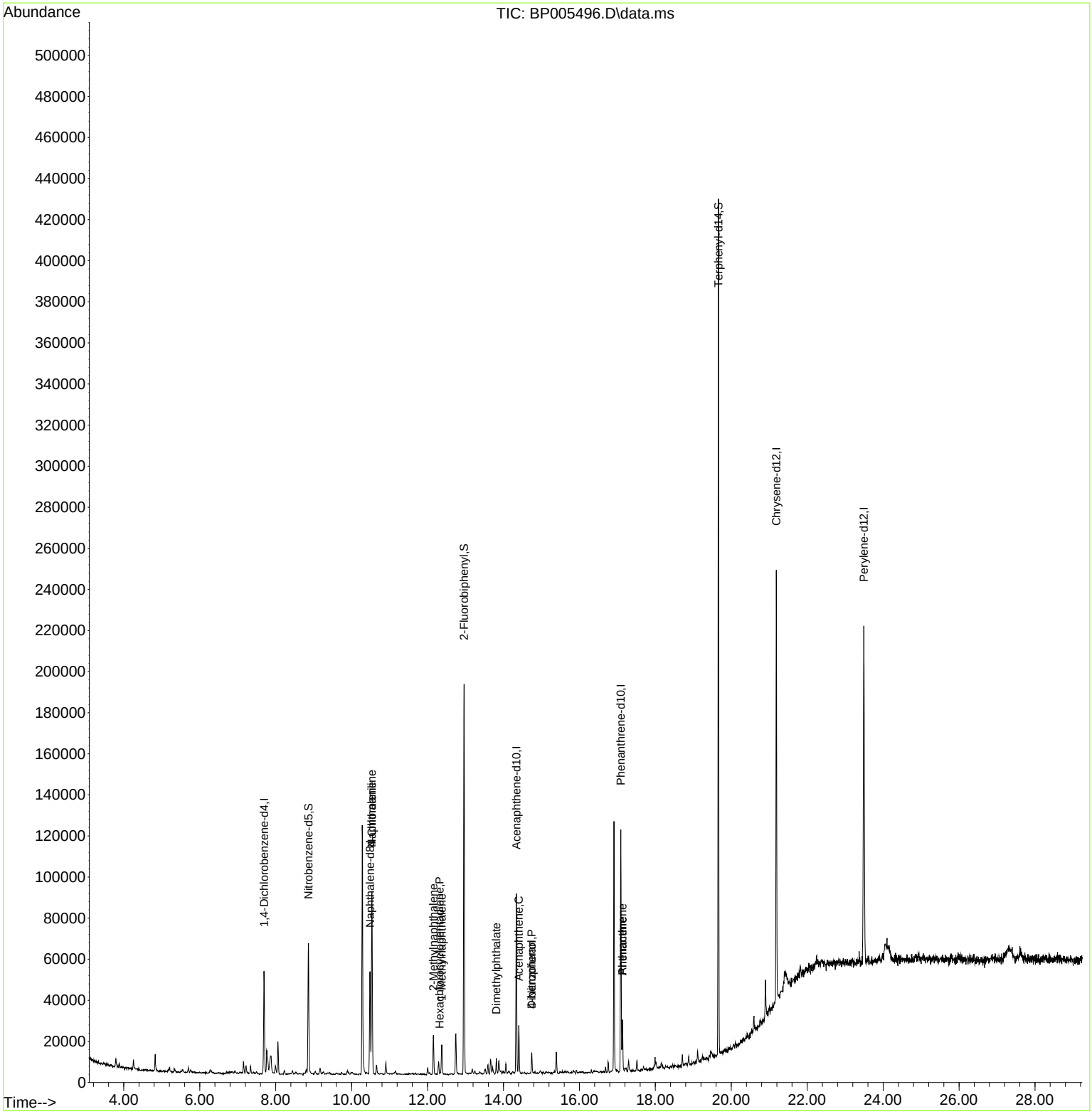
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

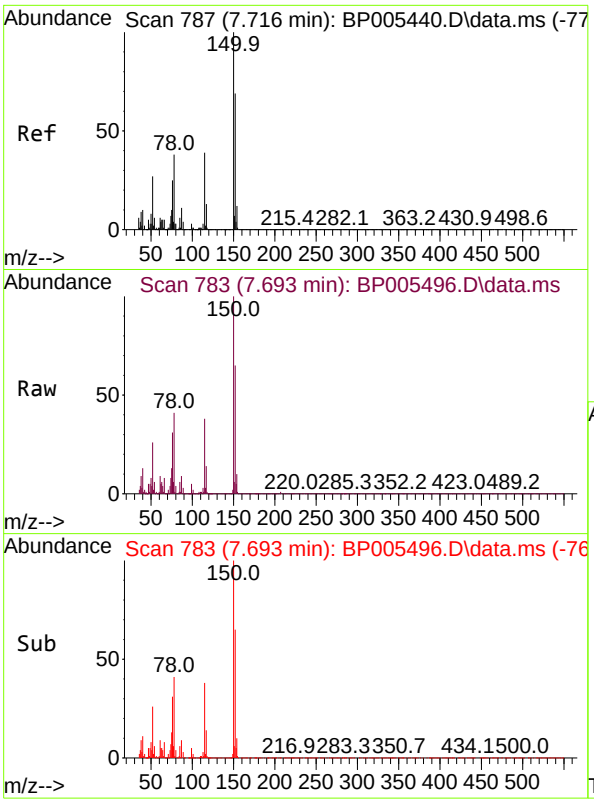
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005496.D
Acq On : 11 May 2021 19:06
Operator : CG/JU
Sample : M2295-12 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-E

Quant Time: May 12 05:28:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 11:20:59 2021
Response via : Initial Calibration



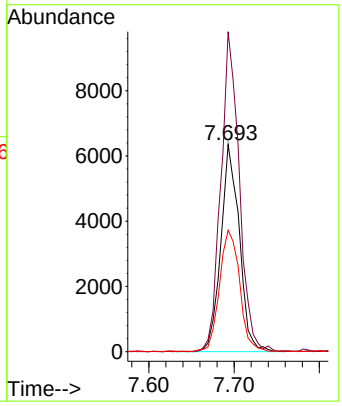
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-E

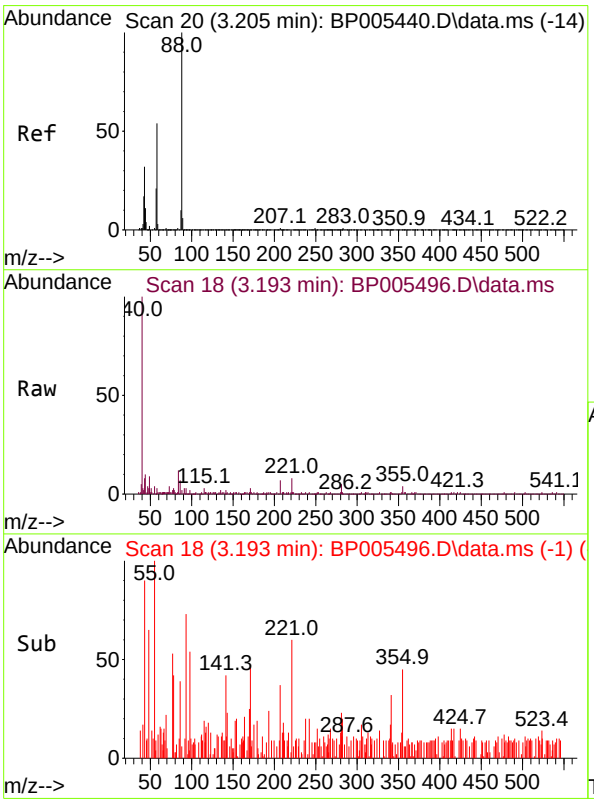


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:152 Resp: 9566

Ion	Ratio	Lower	Upper
152	100		
150	154.4	119.8	179.8
115	58.6	49.0	73.4

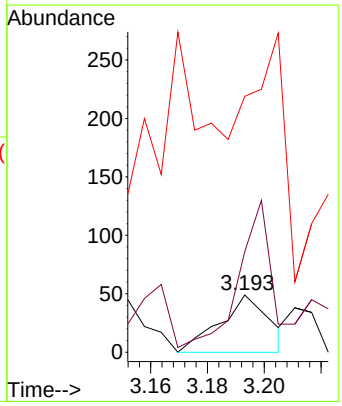


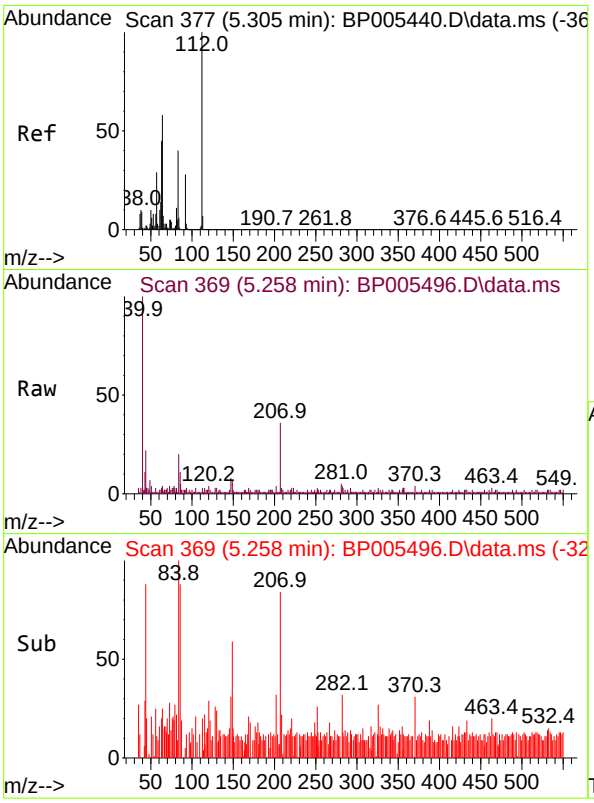


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.193 min Scan# 18
Delta R.T. 0.012 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion: 88 Resp: 59

Ion	Ratio	Lower	Upper
88	100		
58	162.7	42.5	63.7#
43	228.8	19.8	29.8#

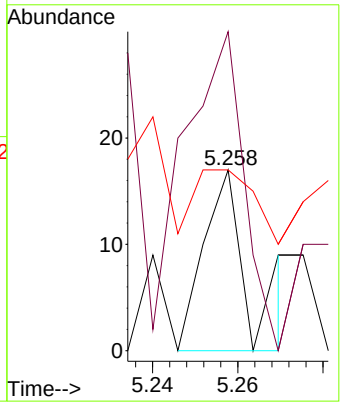




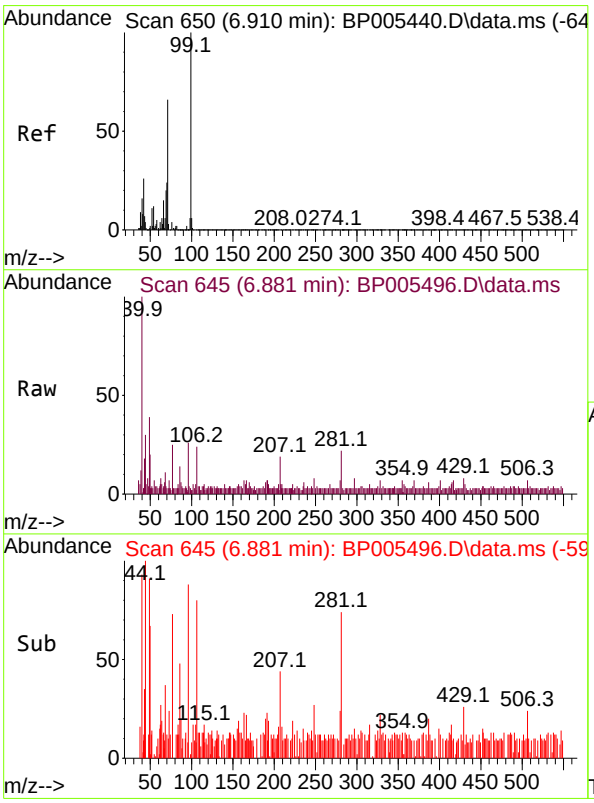
#5
2-Fluorophenol
Concen: 0.03 ng
RT: 5.258 min Scan# 369
Delta R.T. -0.029 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:112 Resp: 13

Ion	Ratio	Lower	Upper
112	100		
64	176.5	33.6	50.4#
63	100.0	18.6	27.8#



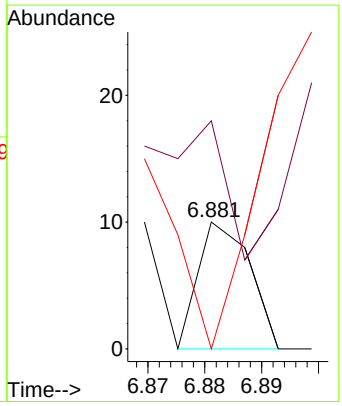
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-E



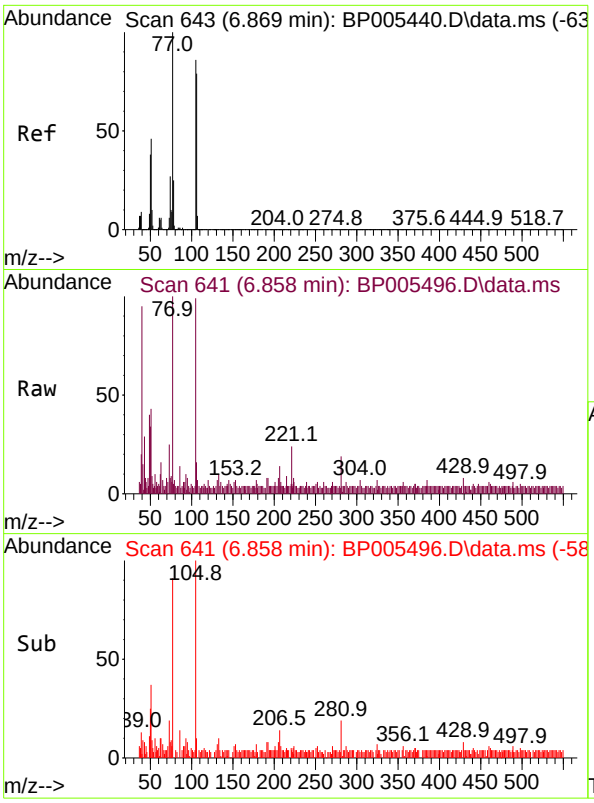
#7
Phenol-d6
Concen: 0.01 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.012 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion: 99 Resp: 6

Ion	Ratio	Lower	Upper
99	100		
42	180.0	12.9	19.3#
71	0.0	26.7	40.1#



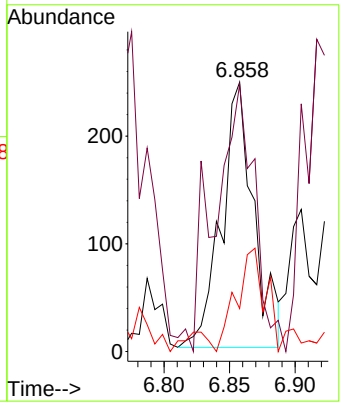
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-E

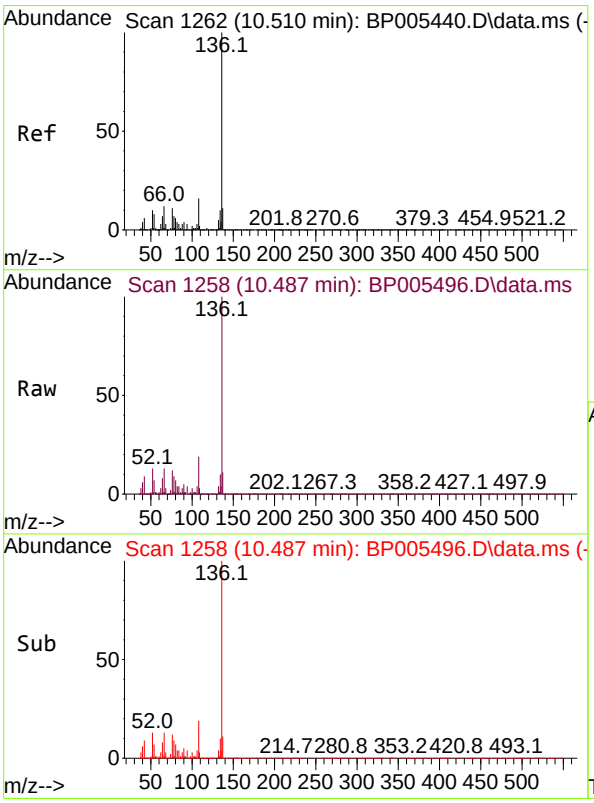


#9
Benzaldehyde
Concen: Below Cal
RT: 6.858 min Scan# 641
Delta R.T. 0.012 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion: 77 Resp: 424

Ion	Ratio	Lower	Upper
77	100		
105	99.2	89.4	129.4
106	16.0	79.9	119.9#

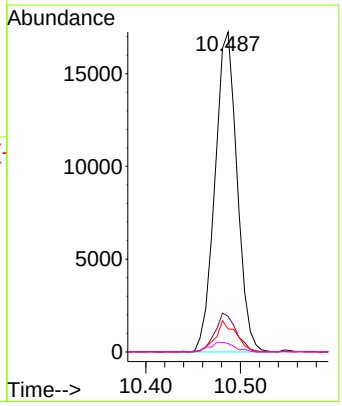




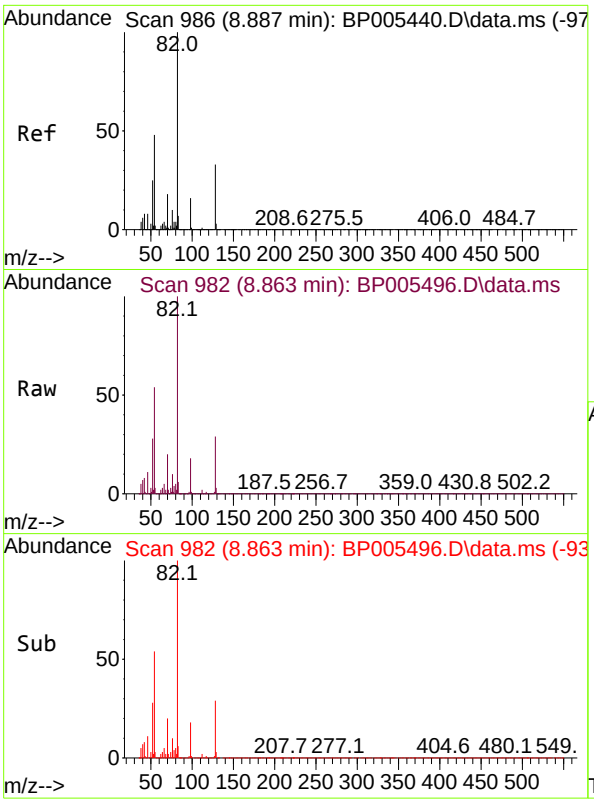
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:136 Resp: 27991

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.2	5.0	7.4
68	2.7	3.7	5.5#



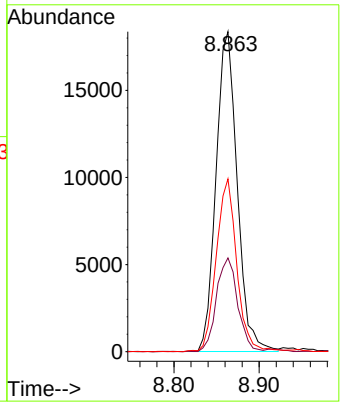
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-E

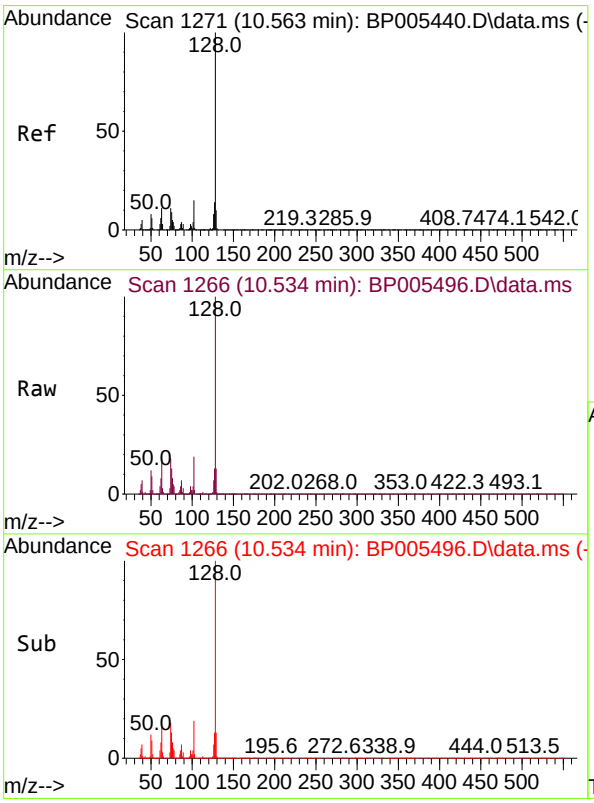


#23
Nitrobenzene-d5
Concen: 44.60 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion: 82 Resp: 31718

Ion	Ratio	Lower	Upper
82	100		
128	29.3	30.5	45.7#
54	54.0	33.9	50.9#

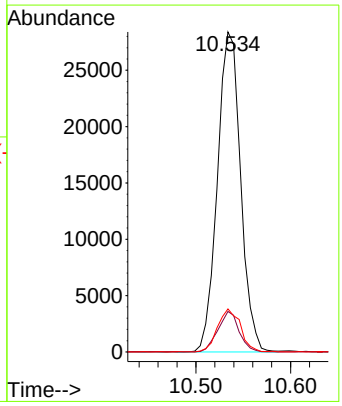




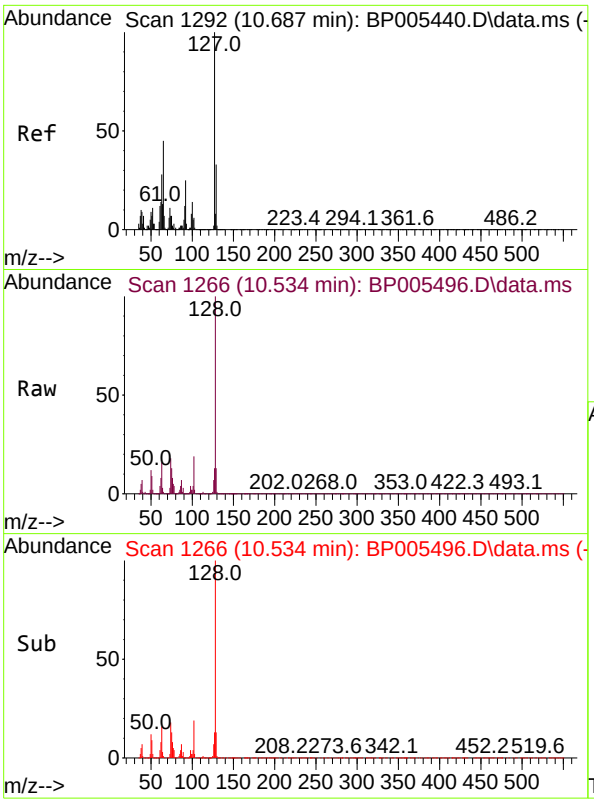
#31
Naphthalene
Concen: 32.20 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:128 Resp: 48474

Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.0	12.0#
127	13.5	11.1	16.7



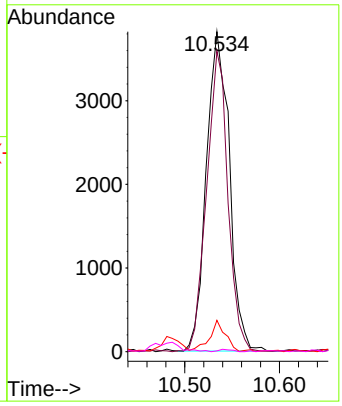
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-E

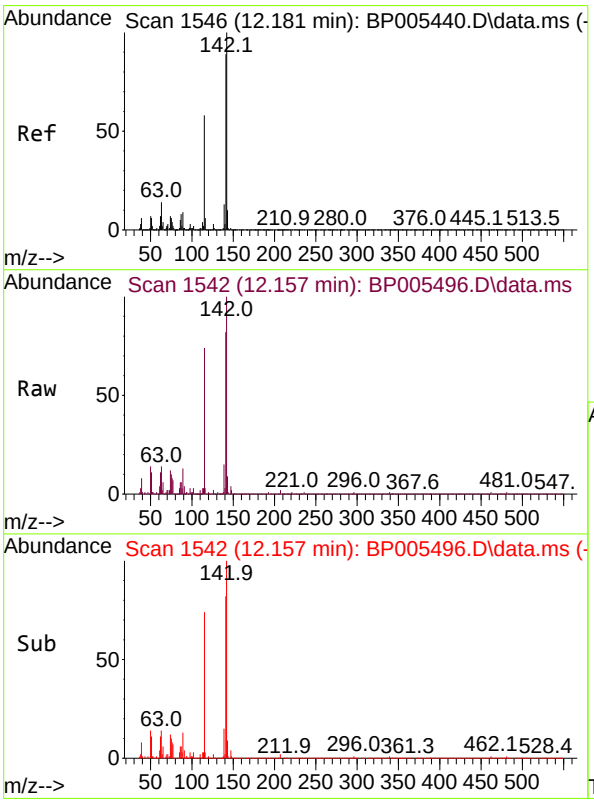


#33
4-Chloroaniline
Concen: 10.97 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.135 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:127 Resp: 6433

Ion	Ratio	Lower	Upper
127	100		
129	93.9	25.5	38.3#
65	9.8	30.0	45.0#
92	0.2	20.2	30.2#

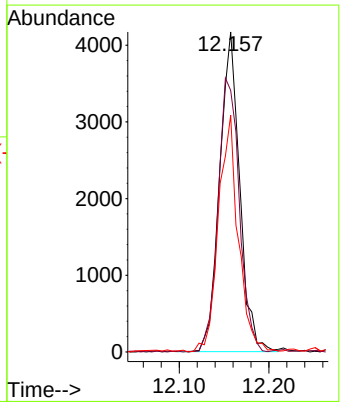




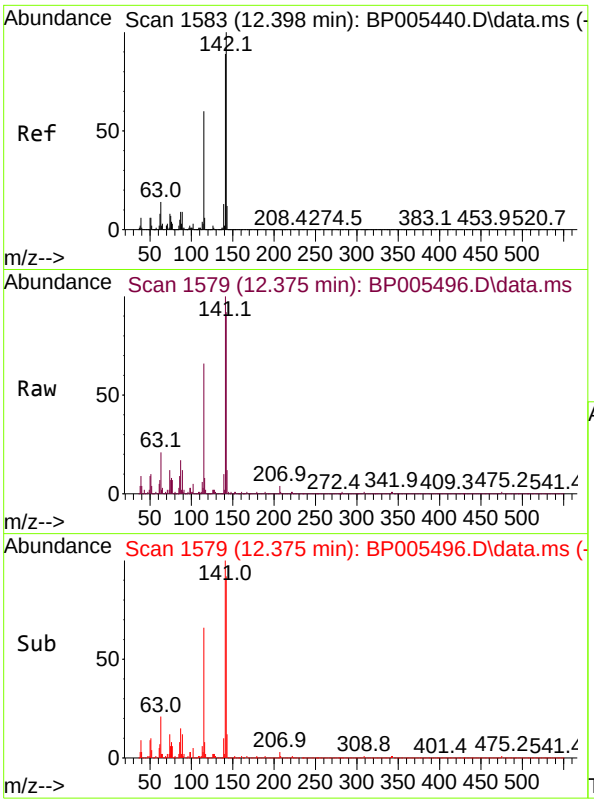
#37
2-Methylnaphthalene
Concen: 5.35 ng
RT: 12.157 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:142 Resp: 6456

Ion	Ratio	Lower	Upper
142	100		
141	81.8	74.7	112.1
115	74.0	43.8	65.8#



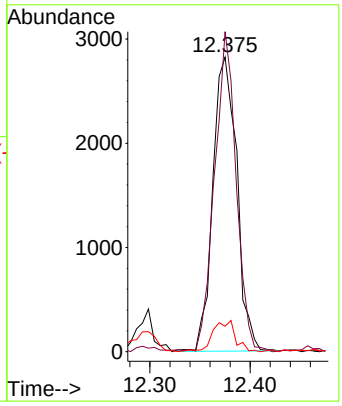
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-E

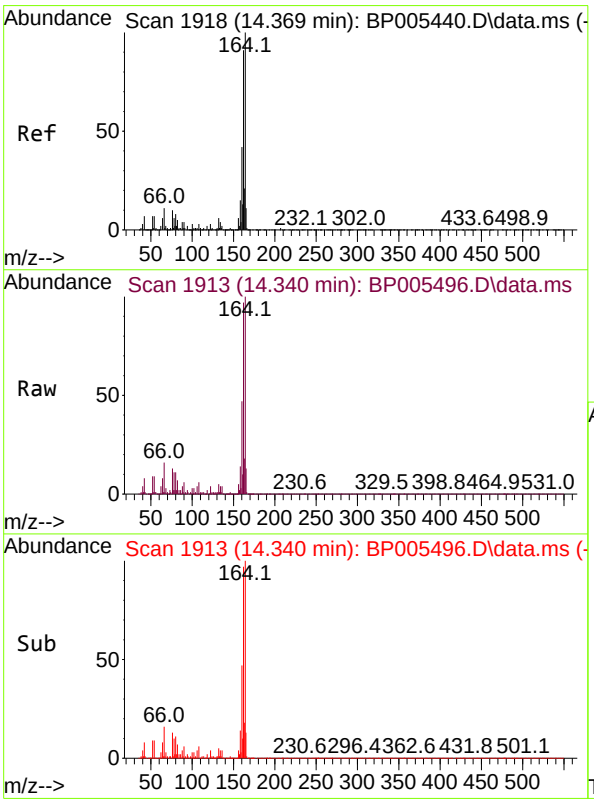


#38
1-Methylnaphthalene
Concen: 4.10 ng
RT: 12.375 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:142 Resp: 4676

Ion	Ratio	Lower	Upper
142	100		
141	108.6	77.0	115.6
116	8.6	5.0	7.6#

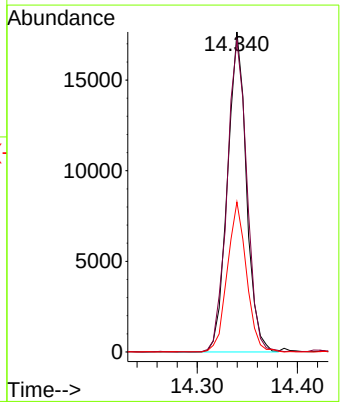




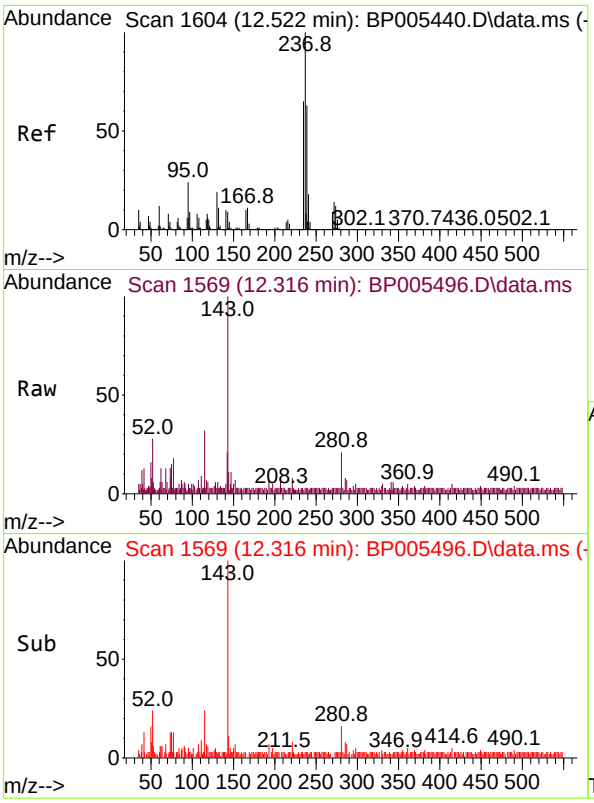
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:164 Resp: 23170

Ion	Ratio	Lower	Upper
164	100		
162	97.2	73.5	110.3
160	46.8	40.6	61.0



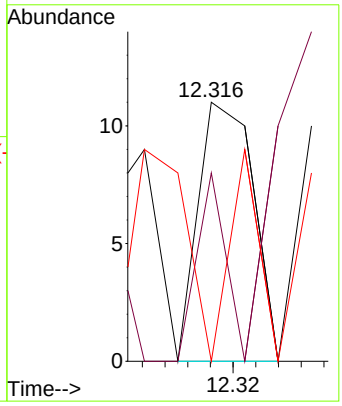
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-E

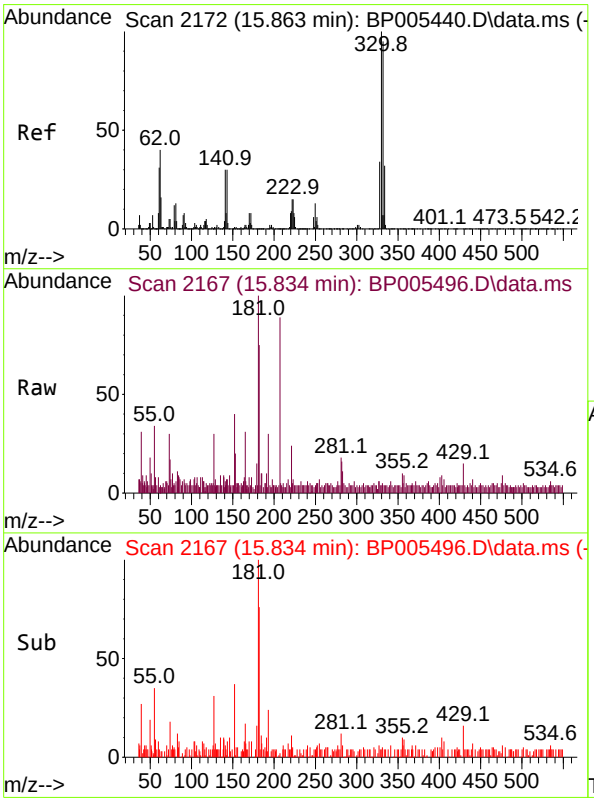


#41
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.182 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:237 Resp: 7

Ion	Ratio	Lower	Upper
237	100		
235	72.7	40.9	80.9
272	0.0	0.0	34.6

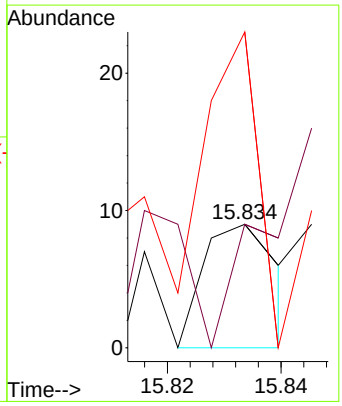




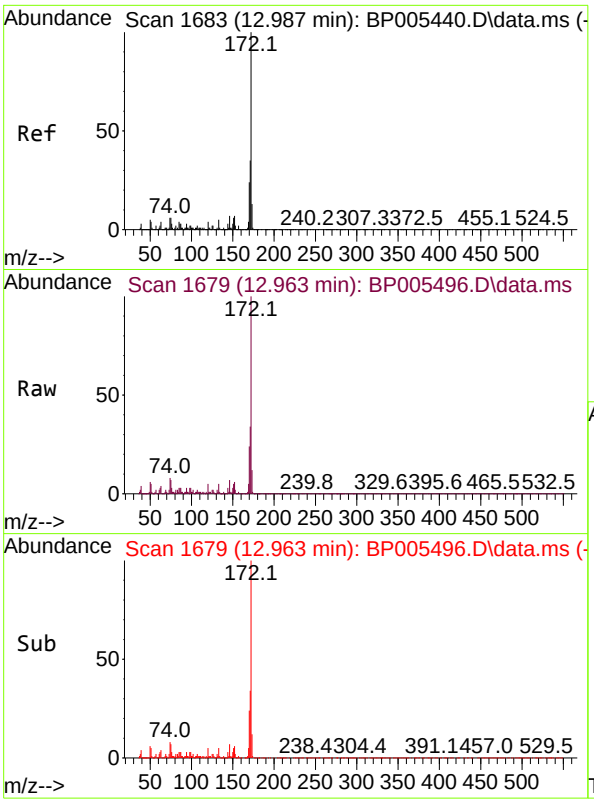
#42
2,4,6-Tribromophenol
Concen: 0.01 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:330 Resp: 8

Ion	Ratio	Lower	Upper
330	100		
332	250.0	76.3	114.5#
141	175.0	22.8	34.2#



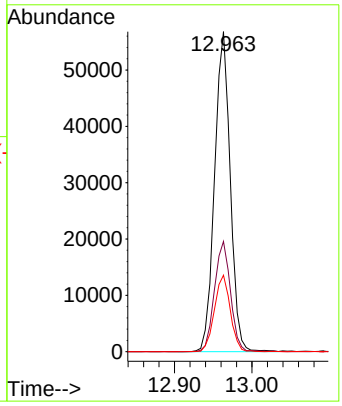
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-E

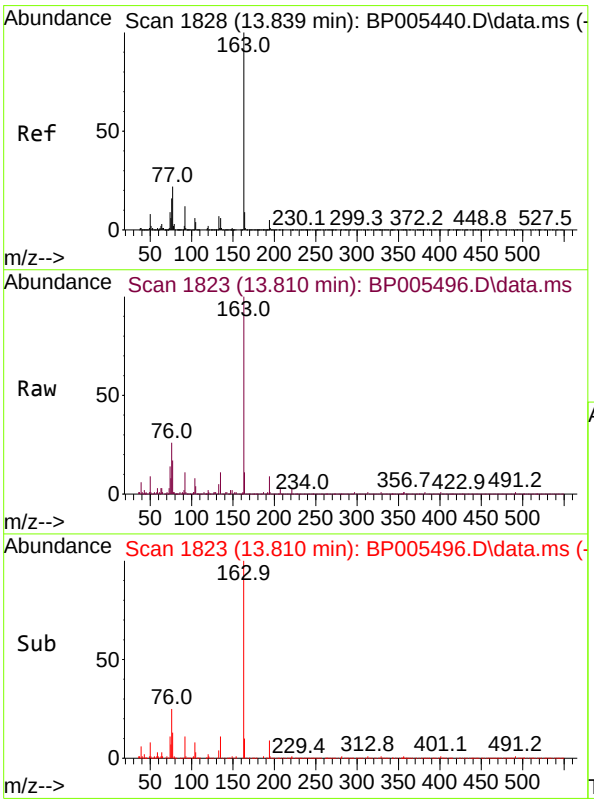


#45
2-Fluorobiphenyl
Concen: 38.76 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:172 Resp: 79612

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.1	42.1
170	23.9	19.6	29.4

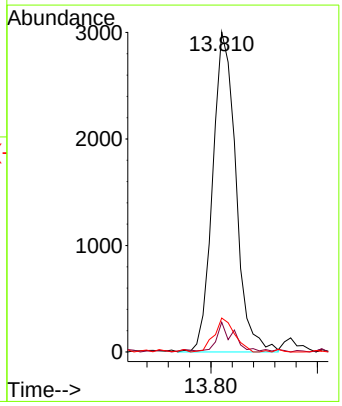




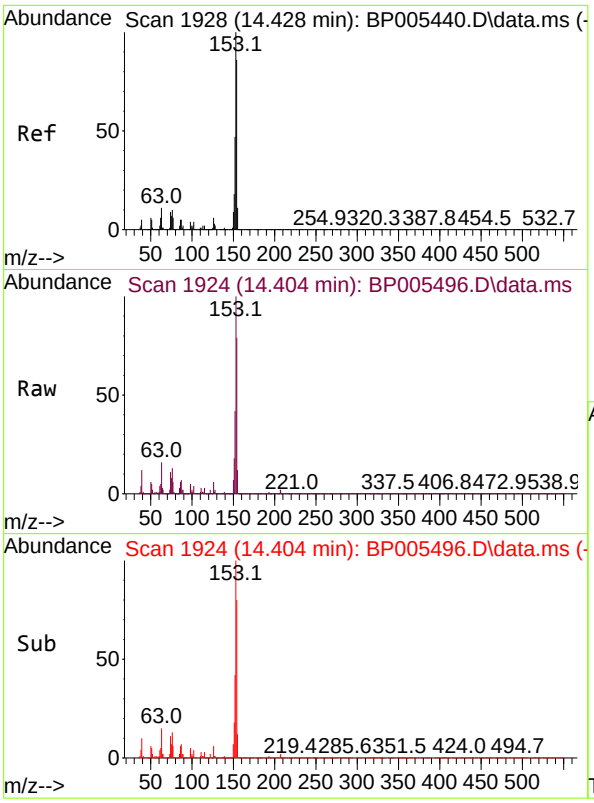
#50
Dimethylphthalate
Concen: 2.27 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:163 Resp: 4540

Ion	Ratio	Lower	Upper
163	100		
194	9.3	3.9	5.9#
164	10.6	8.1	12.1



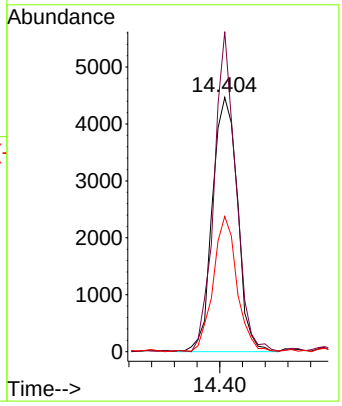
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-E

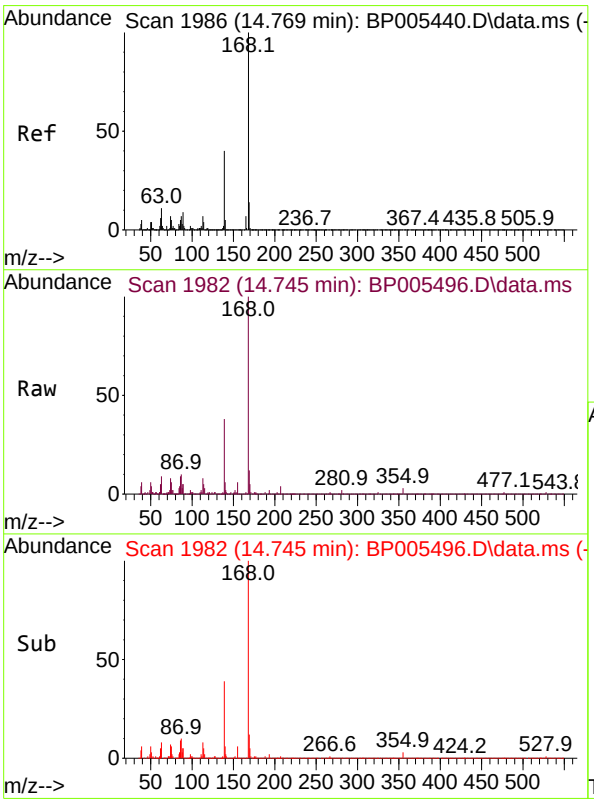


#52
Acenaphthene
Concen: 5.15 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:154 Resp: 6858

Ion	Ratio	Lower	Upper
154	100		
153	125.9	90.9	136.3
152	53.2	48.5	72.7

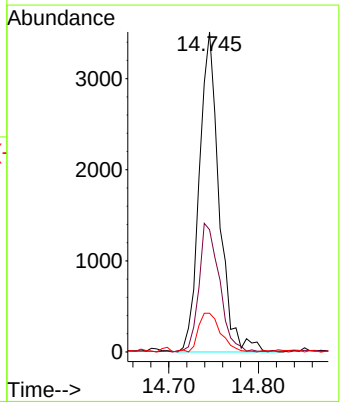


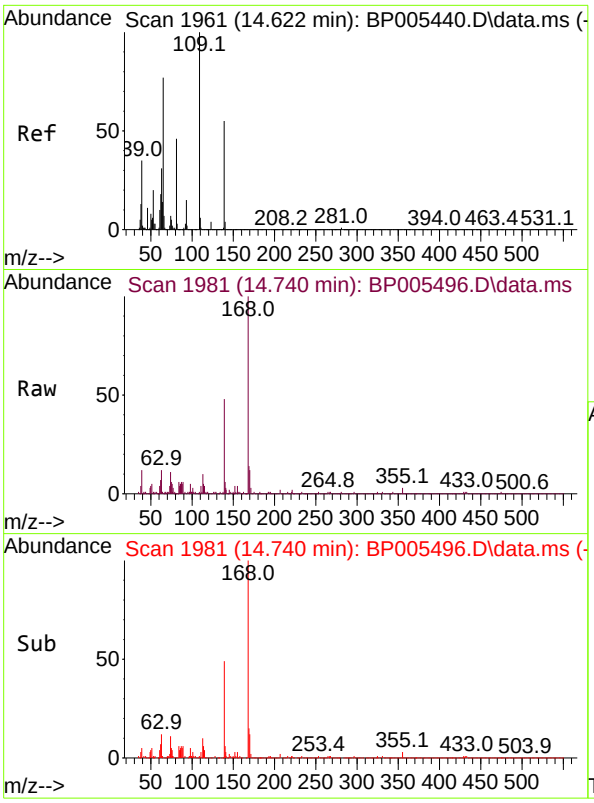


#55
Dibenzofuran
Concen: 2.16 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:168 Resp: 5397

Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.4	47.0
169	12.1	11.4	17.0

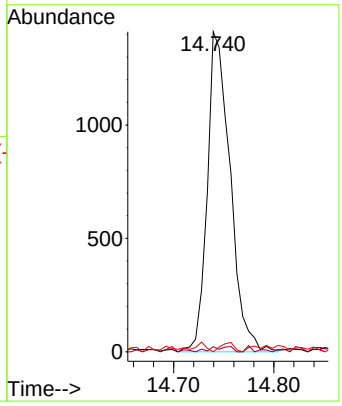




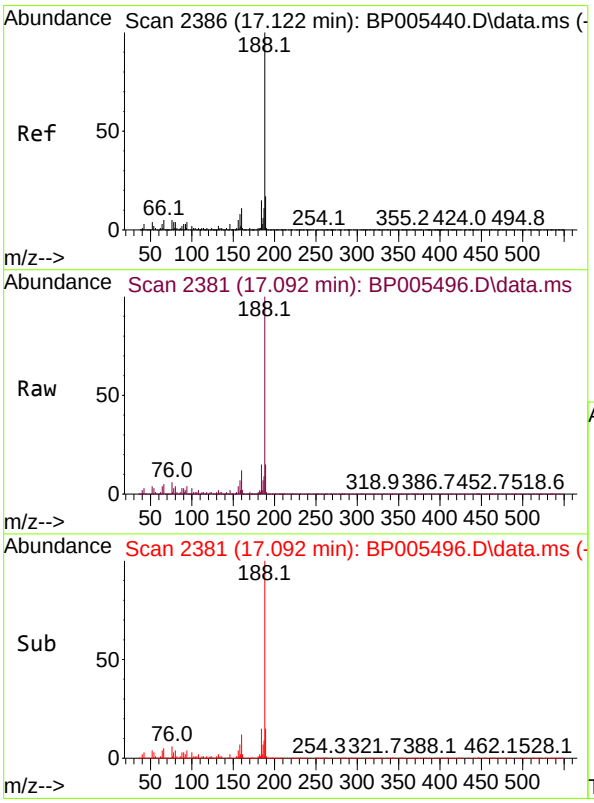
#56
4-Nitrophenol
Concen: 9.23 ng
RT: 14.740 min Scan# 1981
Delta R.T. 0.129 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:139 Resp: 2243

Ion	Ratio	Lower	Upper
139	100		
109	1.6	122.8	162.8#
65	0.0	110.0	150.0#



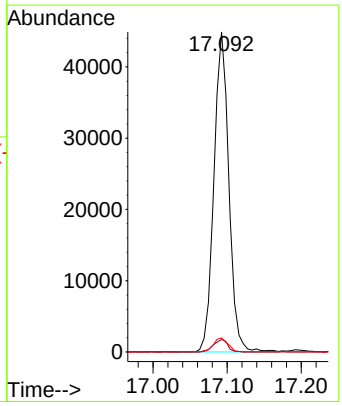
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-E



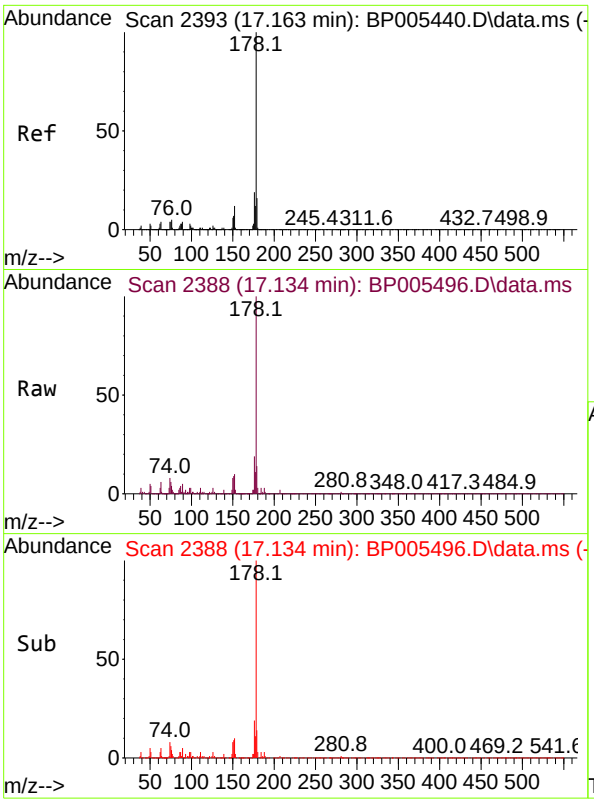
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:188 Resp: 62759

Ion	Ratio	Lower	Upper
188	100		
94	3.9	5.0	7.6#
80	4.4	5.9	8.9#



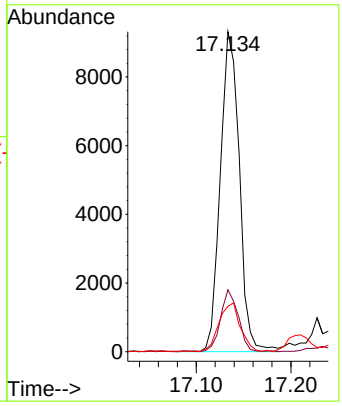
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-E

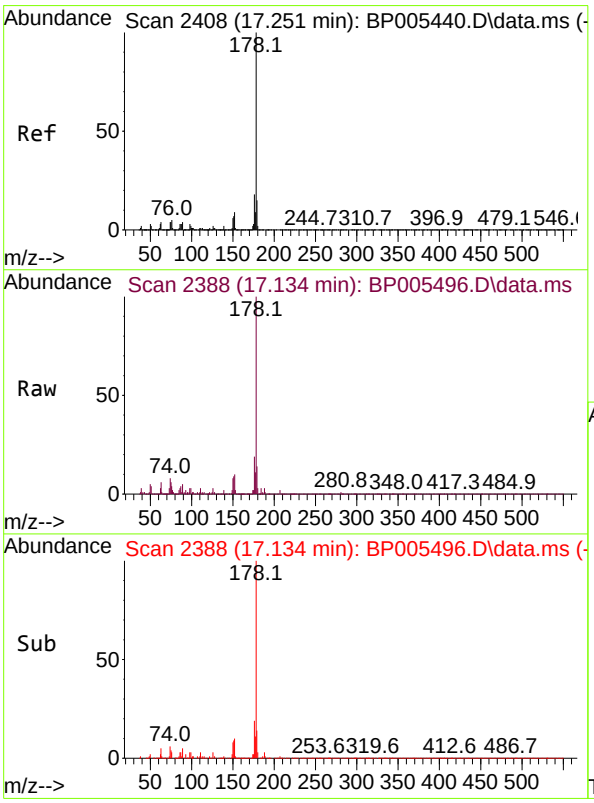


#71
Phenanthrene
Concen: 3.66 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:178 Resp: 13054

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	14.2	12.3	18.5

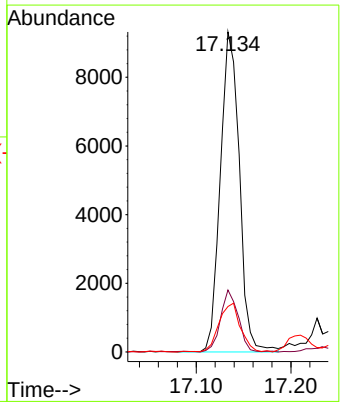




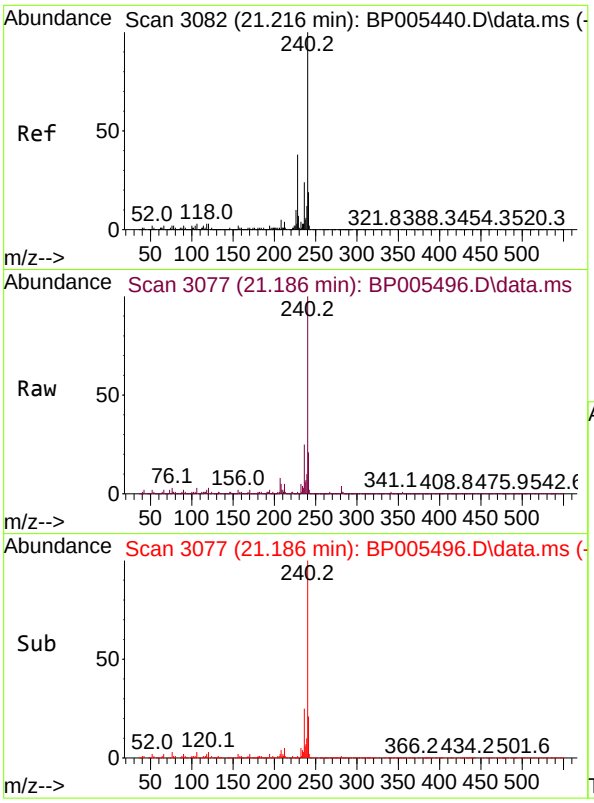
#72
Anthracene
Concen: 3.69 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.094 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:178 Resp: 13054

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	14.2	12.6	19.0



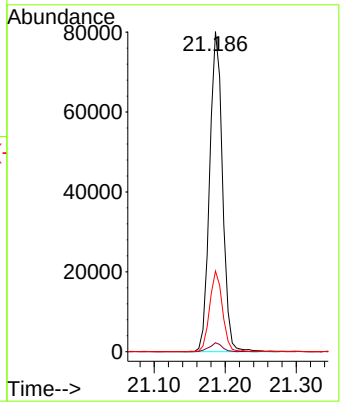
Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-E

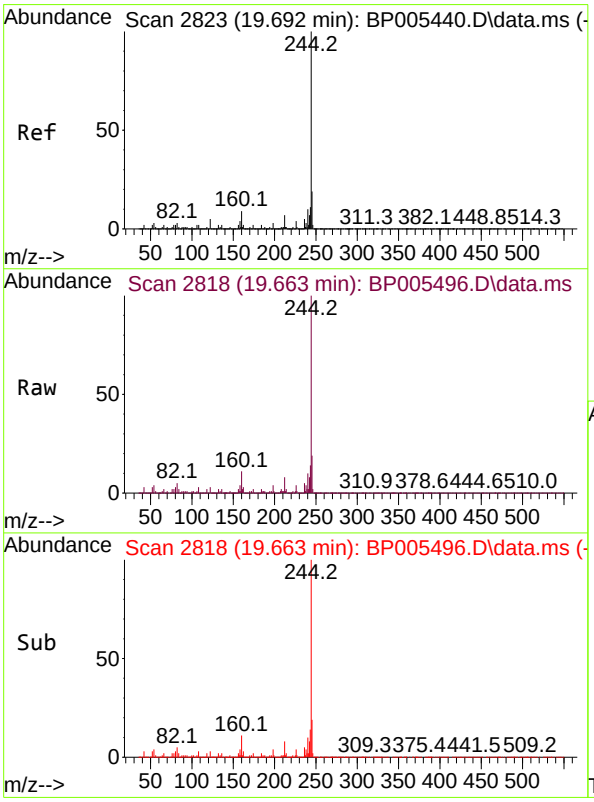


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:240 Resp: 100964

Ion	Ratio	Lower	Upper
240	100		
120	2.8	4.2	6.2#
236	25.2	20.2	30.2

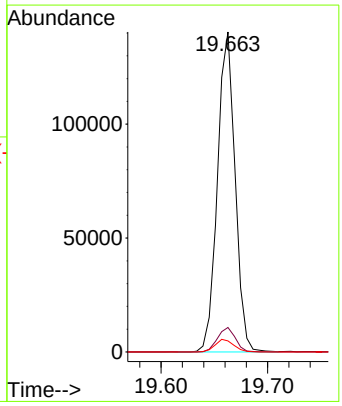


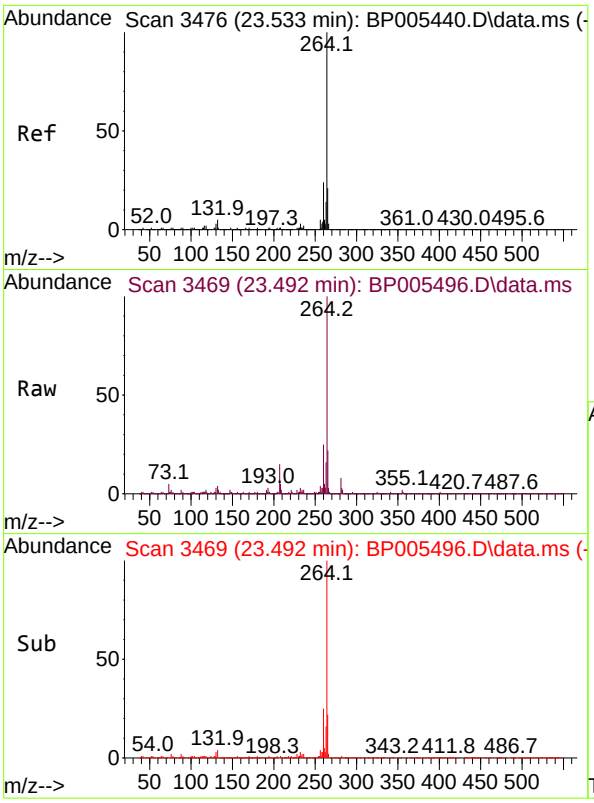


#79
Terphenyl-d14
Concen: 27.17 ng
RT: 19.663 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:244 Resp: 161509

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	3.4	5.2	7.8#

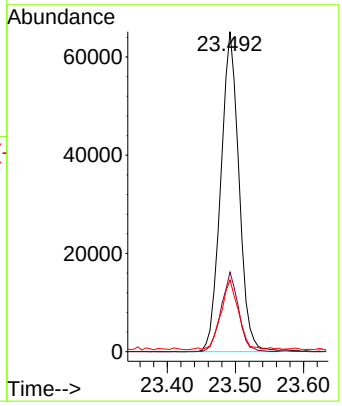




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.492 min Scan# 3469
Delta R.T. -0.012 min
Lab File: BP005496.D
Acq: 11 May 2021 19:06

Tgt Ion:264 Resp: 121142

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	30.8
265	22.4	19.0	28.6



Instrument :
BNA_P
ClientSampleId :
DRUM-B-C-E