Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073021\
Data File : BP006445.D
Acq On : 30 Jul 2021 19:33
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ICVBP073021

Quant Time: Jul 31 00:49:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270-SIM-BP073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 18:59:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	3535	0.40	ng	#-0.03
7) Naphthalene-d8	10.546	136	13908	0.40	ng	0.00
13) Acenaphthene-d10	14.390	164	7140	0.40	ng	0.00
19) Phenanthrene-d10	17.135	188	13269	0.40	ng	0.00
29) Chrysene-d12	21.253	240	11726	0.40	ng	0.00
35) Perylene-d12	23.583	264	11289	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.357	112	3889	0.38	ng	0.00
5) Phenol-d6	6.940	99	5530	0.37	ng	0.00
8) Nitrobenzene-d5	8.912	82	5331	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.137	152	7342	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.880	330	1105	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.024	172	11012	0.37	ng	0.00
27) Fluoranthene-d10	19.140	212	13629	0.37	ng	0.00
31) Terphenyl-d14	19.721	244	9104	0.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	1398	0.35	ng	# 100
3) n-Nitrosodimethylamine	3.615	42	2059	0.40	ng	# 75
6) bis(2-Chloroethyl)ether	7.204	93	5146	0.40	ng	99
9) Naphthalene	10.587	128	14951	0.38	ng	99
10) Hexachlorobutadiene	10.898	225	2552	0.39	ng	# 99
12) 2-Methylnaphthalene	12.215	142	9536	0.37	ng	99
16) Acenaphthylene	14.100	152	11636	0.35	ng	99
17) Acenaphthene	14.452	154	8705	0.36	ng	99
18) Fluorene	15.445	166	10370	0.36	ng	98
20) 4,6-Dinitro-2-methylph...	15.528	198	967	0.32	ng	98
21) 4-Bromophenyl-phenylether	16.342	248	3084	0.37	ng	95
22) Hexachlorobenzene	16.441	284	3446	0.38	ng	99
23) Atrazine	16.619	200	2534	0.35	ng	99
24) Pentachlorophenol	16.798	266	1445	0.33	ng	100
25) Phenanthrene	17.175	178	16583	0.38	ng	100
26) Anthracene	17.274	178	14217	0.36	ng	100
28) Fluoranthene	19.163	202	18657	0.36	ng	99
30) Pyrene	19.514	202	18744	0.36	ng	100
32) Benzo(a)anthracene	21.236	228	17098	0.37	ng	99
33) Chrysene	21.270	228	16783	0.36	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.167	149	11727	0.35	ng	97
36) Indeno(1,2,3-cd)pyrene	25.992	276	20076	0.37	ng	99
37) Benzo(b)fluoranthene	22.873	252	18298	0.36	ng	99
38) Benzo(k)fluoranthene	22.916	252	17995	0.37	ng	99
39) Benzo(a)pyrene	23.480	252	14917	0.35	ng	99
40) Dibenzo(a,h)anthracene	26.019	278	17239	0.38	ng	97
41) Benzo(g,h,i)perylene	26.729	276	17671	0.37	ng	99

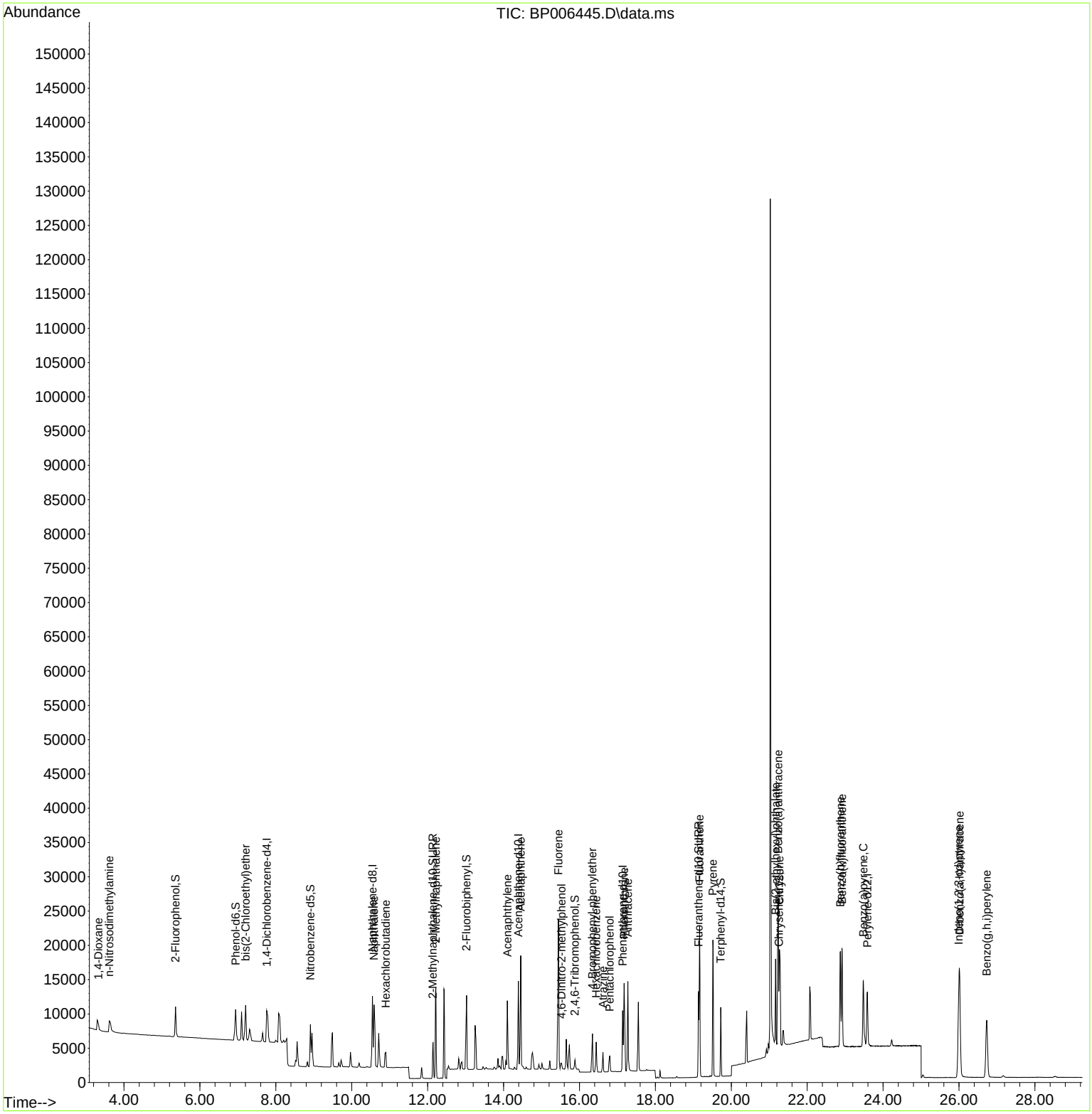
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

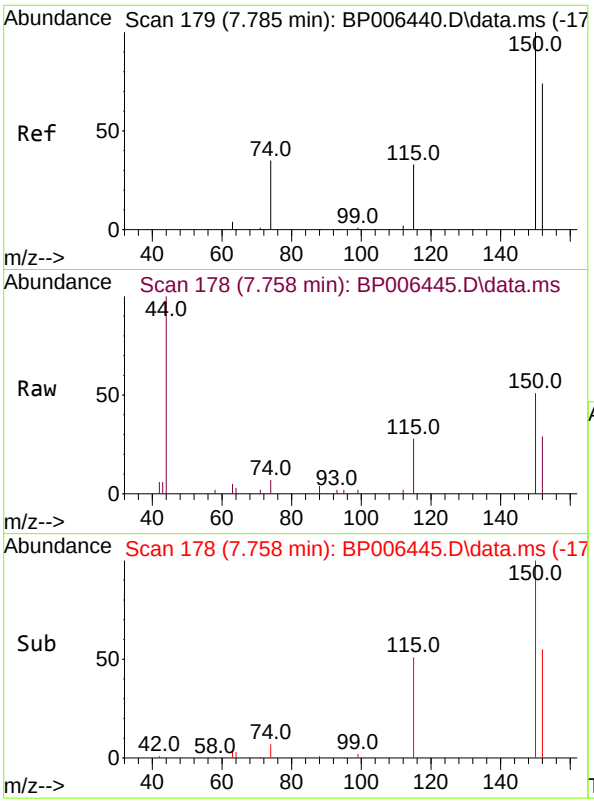
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073021\
Data File : BP006445.D
Acq On : 30 Jul 2021 19:33
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP073021

Quant Time: Jul 31 00:49:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270-SIM-BP073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 18:59:15 2021
Response via : Initial Calibration



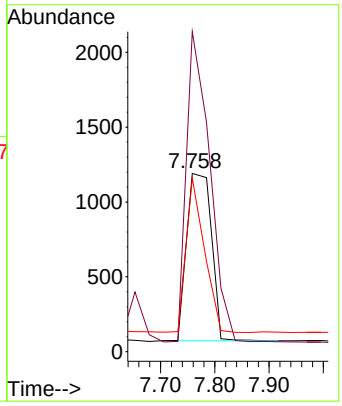
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

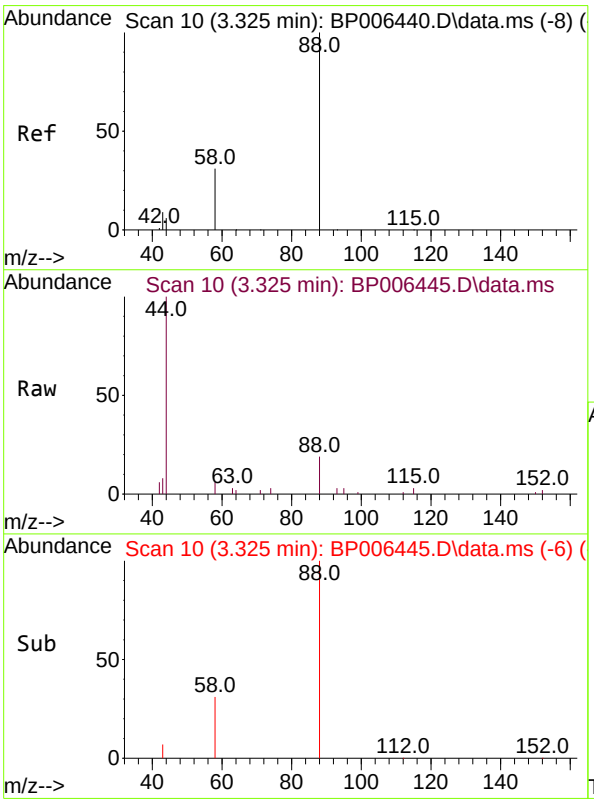


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.758 min Scan# 178
Delta R.T. -0.027 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:152 Resp: 3535

Ion	Ratio	Lower	Upper
152	100		
150	179.5	105.7	158.5#
115	97.4	41.6	62.4#

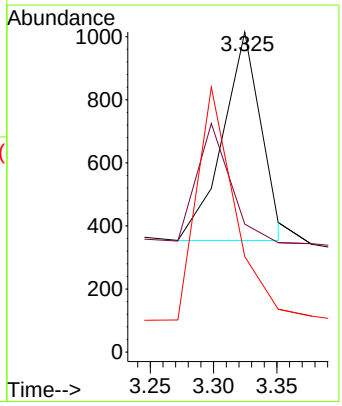




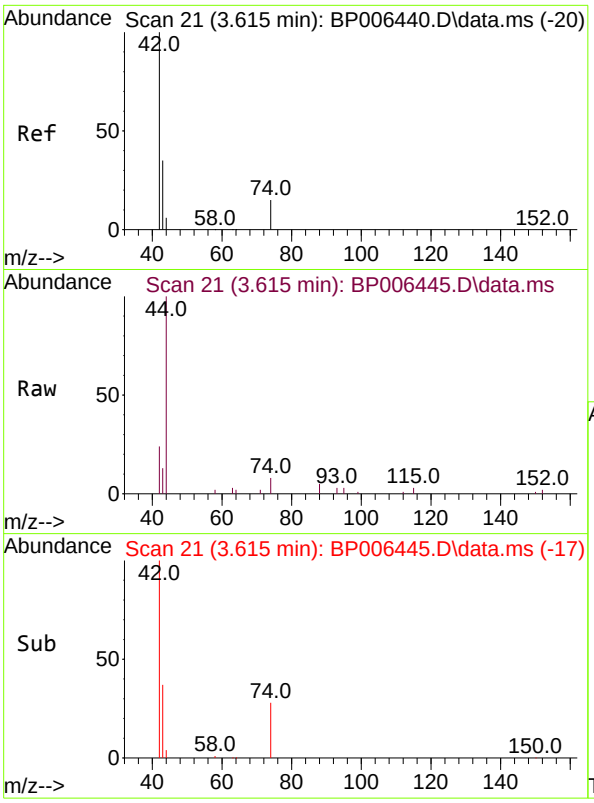
#2
1,4-Dioxane
Concen: 0.35 ng
RT: 3.325 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion: 88 Resp: 1398

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	0.0	0.0



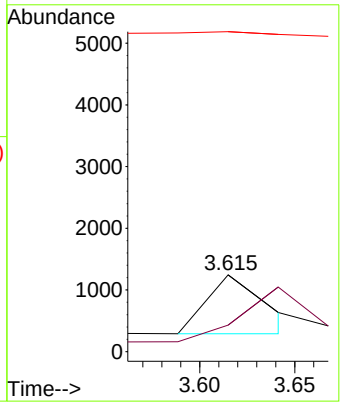
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

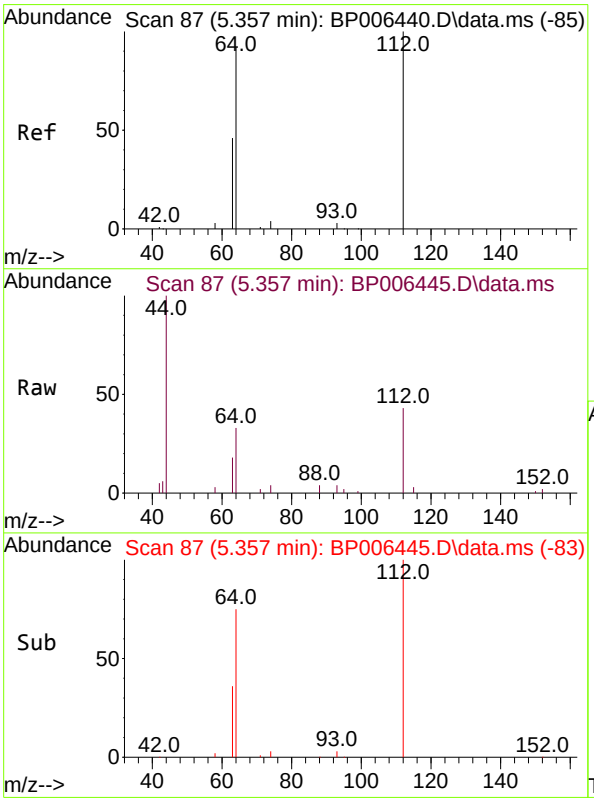


#3
n-Nitrosodimethylamine
Concen: 0.40 ng
RT: 3.615 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion: 42 Resp: 2059

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	7.4	11.0#

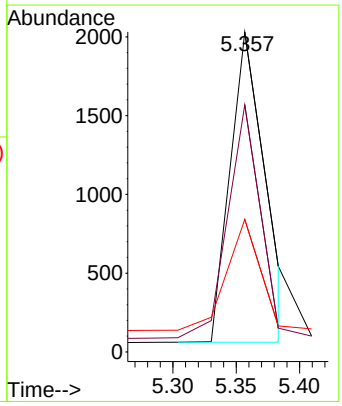




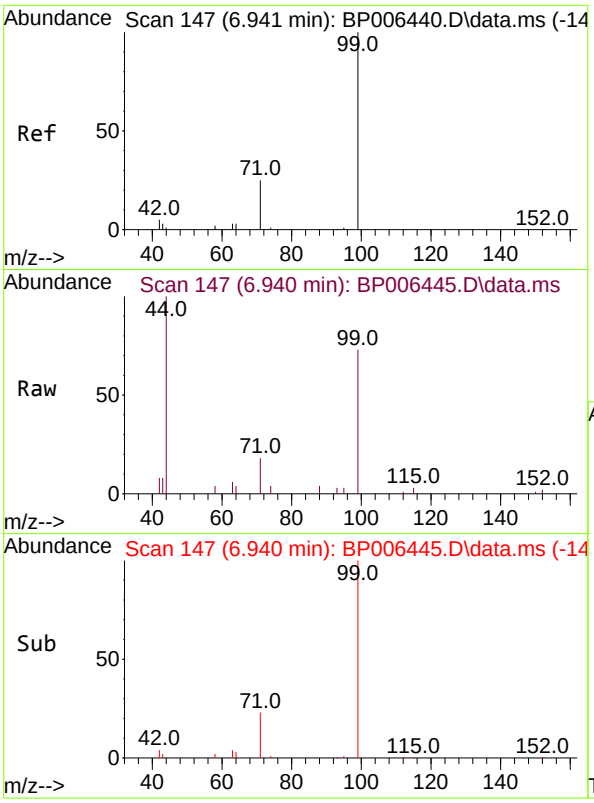
#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.357 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:112 Resp: 3889

Ion	Ratio	Lower	Upper
112	100		
64	67.1	58.7	88.1
63	33.1	29.8	44.8



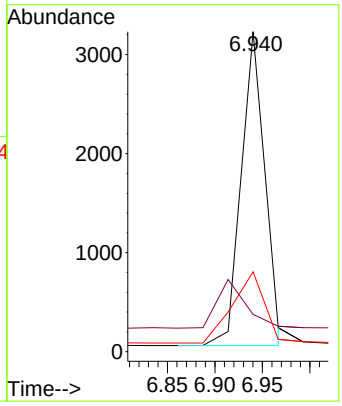
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

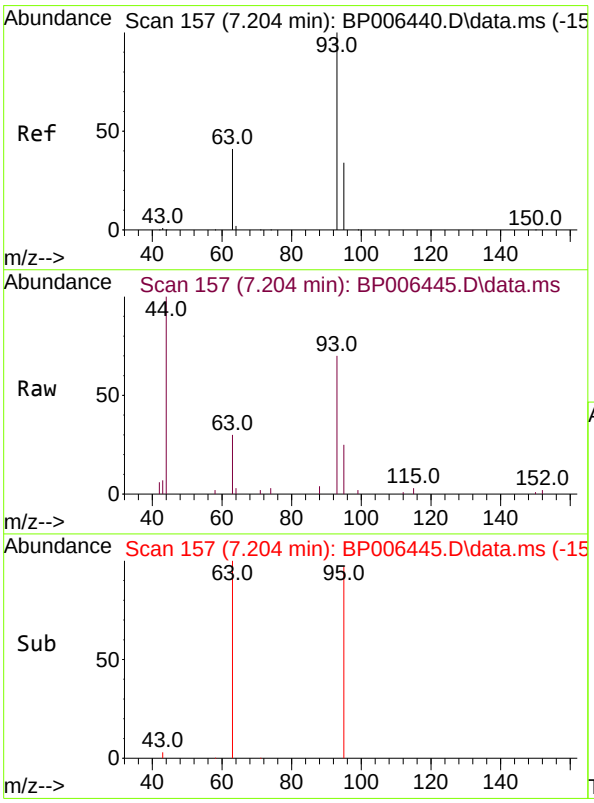


#5
Phenol-d6
Concen: 0.37 ng
RT: 6.940 min Scan# 147
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion: 99 Resp: 5530

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	30.6	25.0	37.4

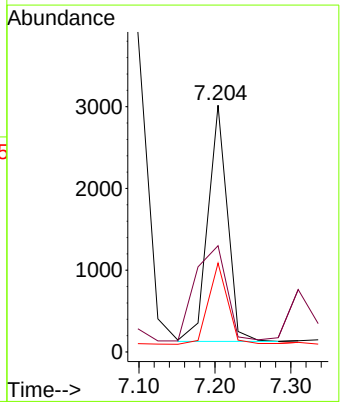




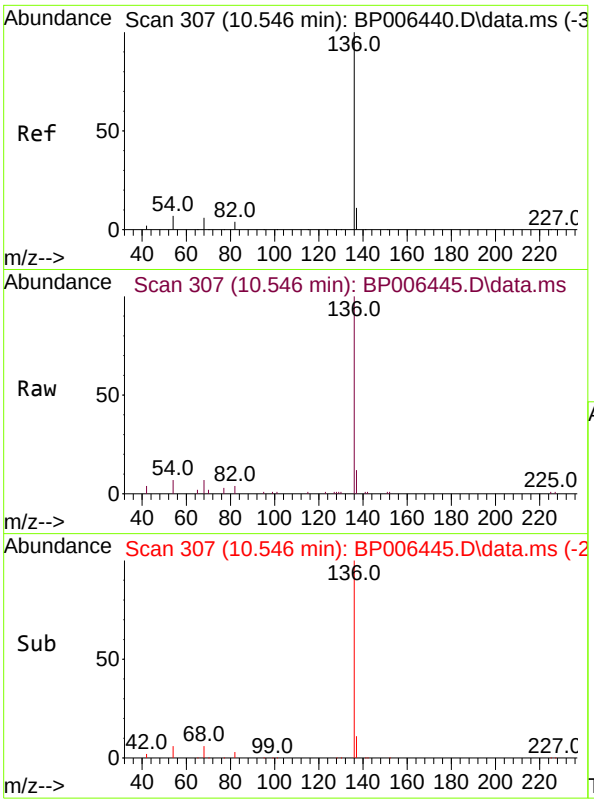
#6
bis(2-Chloroethyl)ether
Concen: 0.40 ng
RT: 7.204 min Scan# 157
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion: 93 Resp: 5146

Ion	Ratio	Lower	Upper
93	100		
63	65.7	51.4	77.0
95	34.1	27.2	40.8



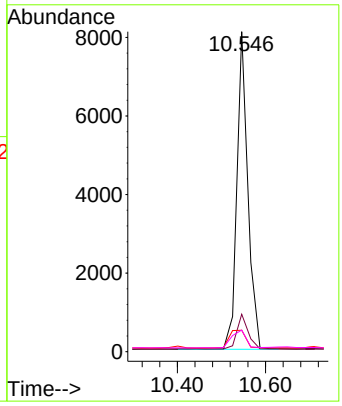
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

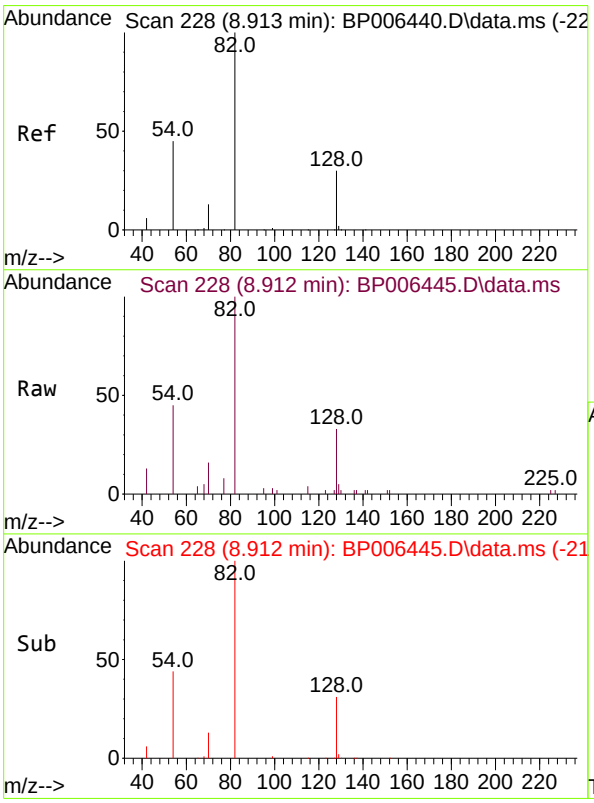


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.546 min Scan# 307
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:136 Resp: 13908

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	6.7	6.2	9.2
68	6.7	6.1	9.1

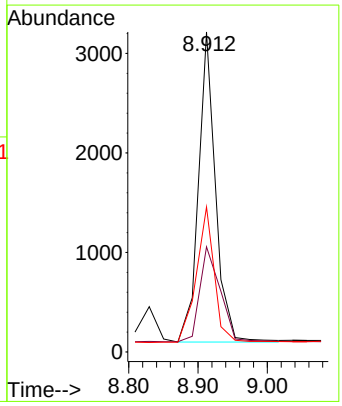




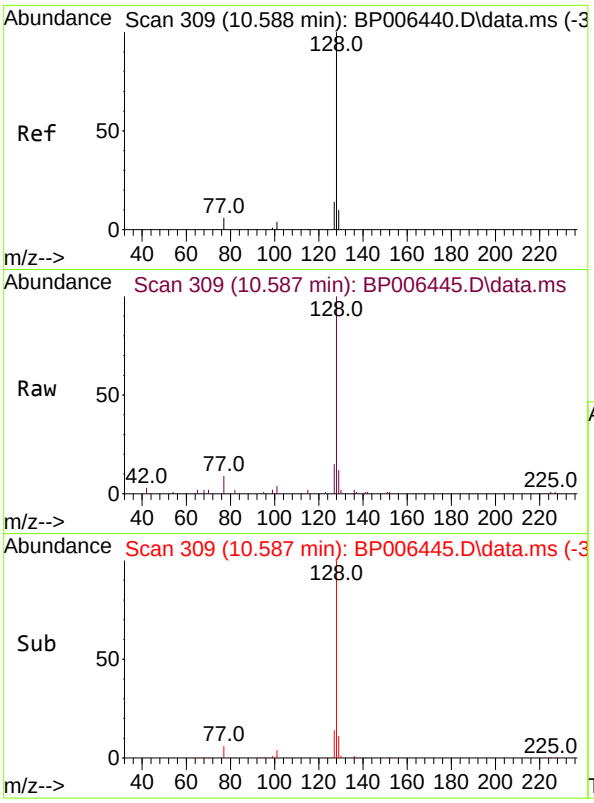
#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.912 min Scan# 228
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion: 82 Resp: 5331

Ion	Ratio	Lower	Upper
82	100		
128	32.9	25.5	38.3
54	45.3	37.0	55.6



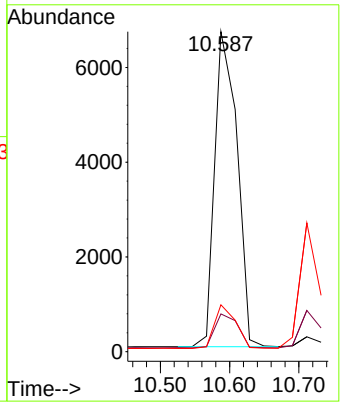
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

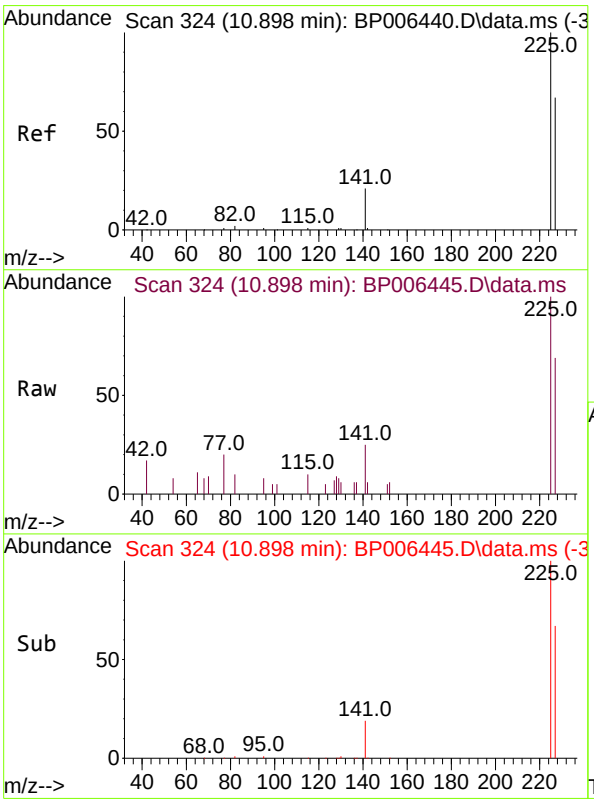


#9
Naphthalene
Concen: 0.38 ng
RT: 10.587 min Scan# 309
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:128 Resp: 14951

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	14.7	12.0	18.0

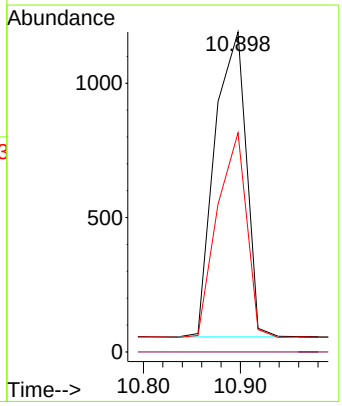




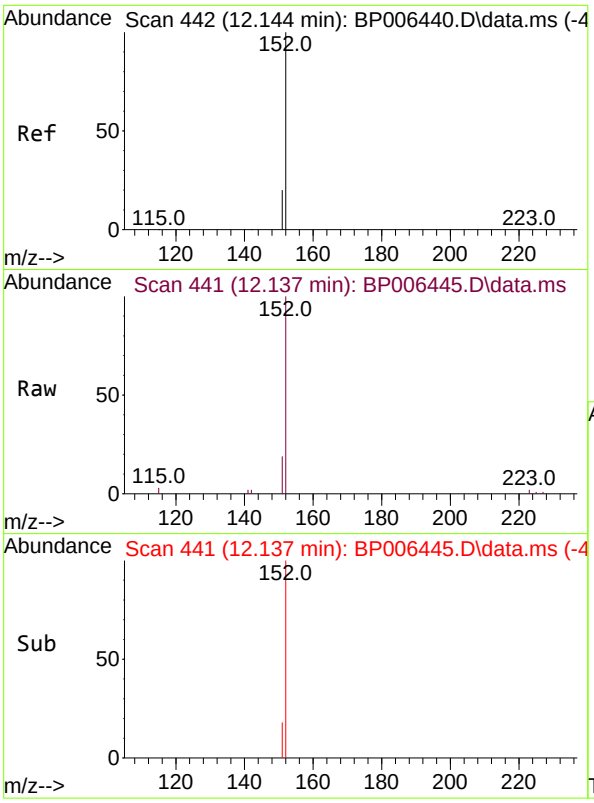
#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.898 min Scan# 324
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:225 Resp: 2552

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.9	50.0	75.0



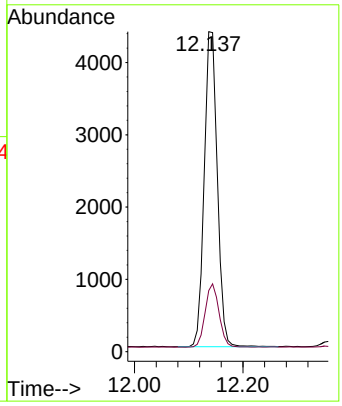
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

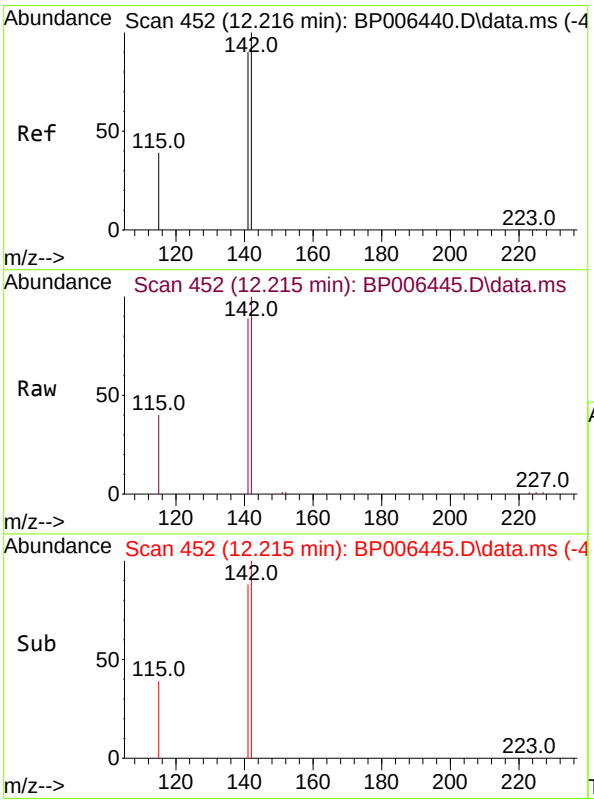


#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.137 min Scan# 441
Delta R.T. -0.008 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:152 Resp: 7342

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.4

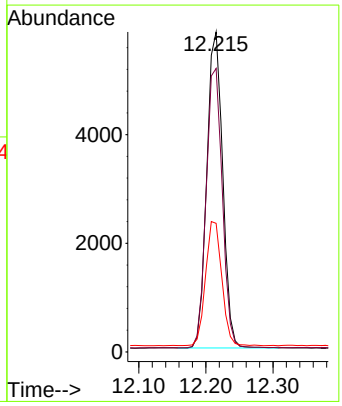




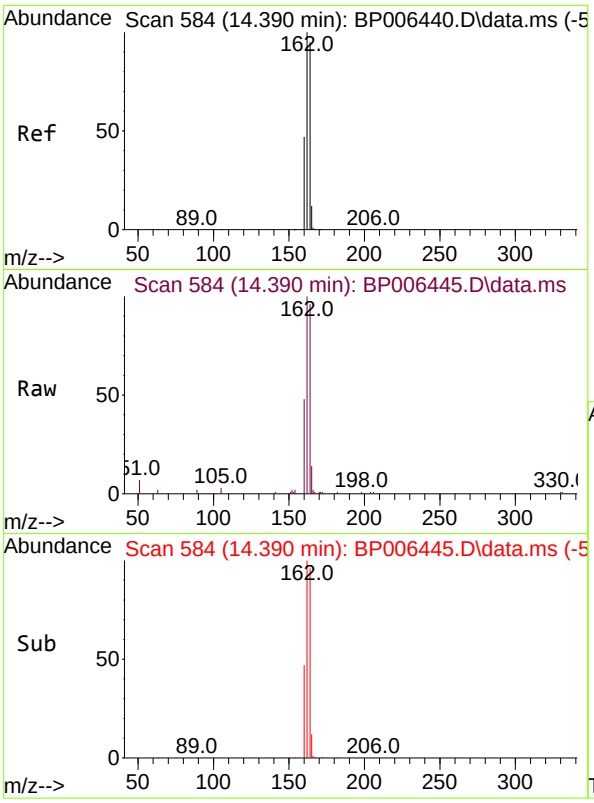
#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.215 min Scan# 452
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:142 Resp: 9536

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.9	107.9
115	40.2	31.9	47.9



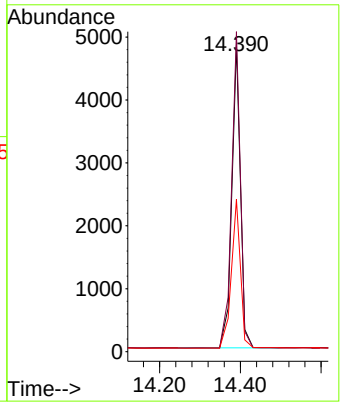
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

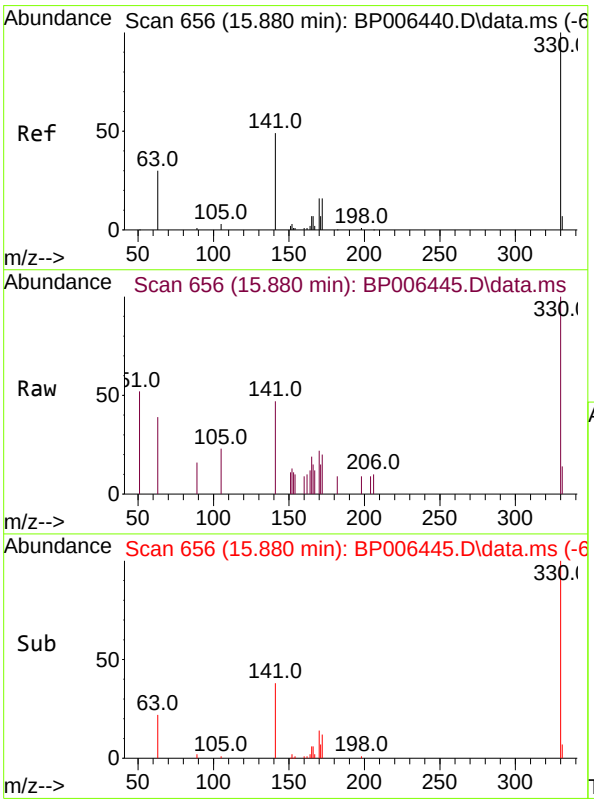


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.390 min Scan# 584
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:164 Resp: 7140

Ion	Ratio	Lower	Upper
164	100		
162	104.5	84.3	126.5
160	49.8	40.1	60.1

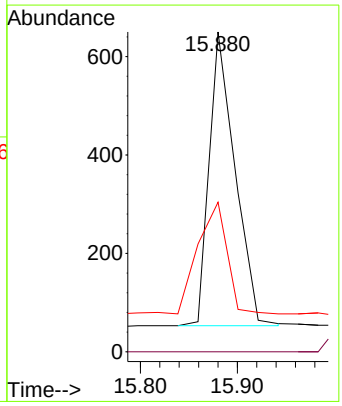




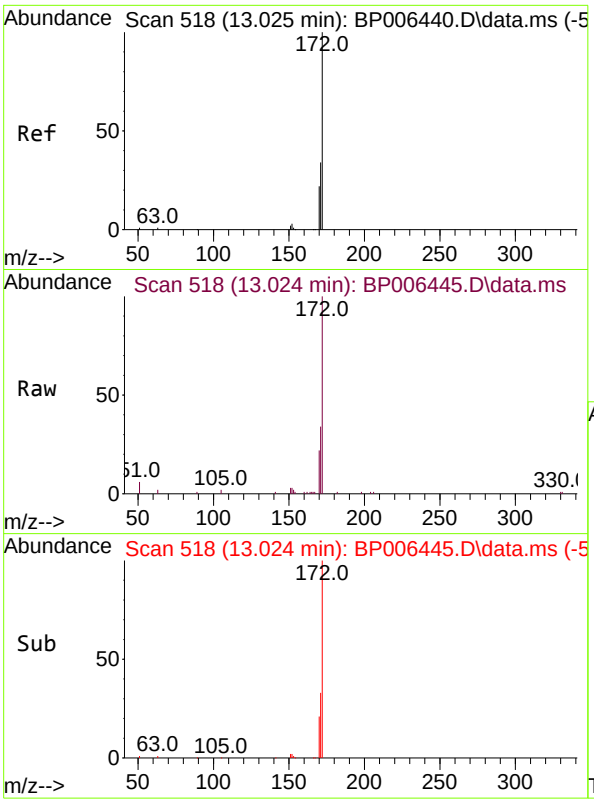
#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.880 min Scan# 656
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:330 Resp: 1105

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.8	36.5	54.7



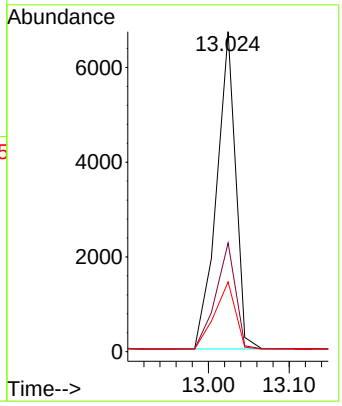
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

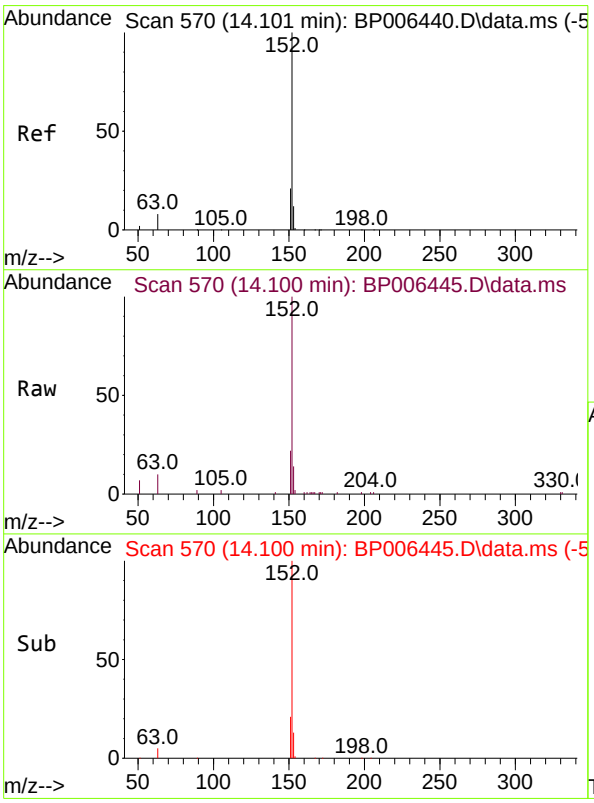


#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.024 min Scan# 518
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:172 Resp: 11012

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.4	41.0
170	21.8	18.2	27.2

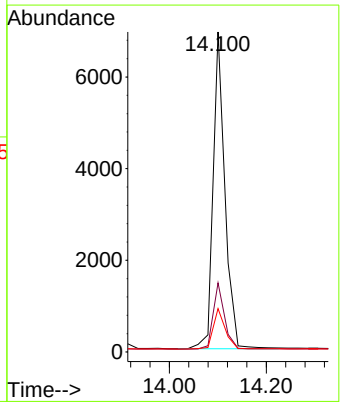




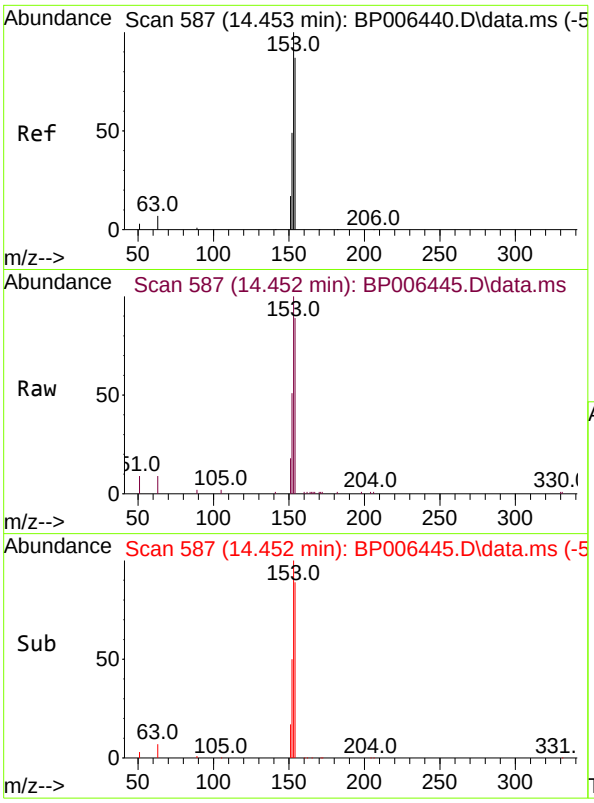
#16
Acenaphthylene
Concen: 0.35 ng
RT: 14.100 min Scan# 570
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:152 Resp: 11636

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.0	10.2	15.4



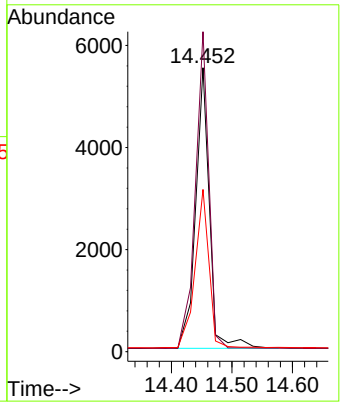
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

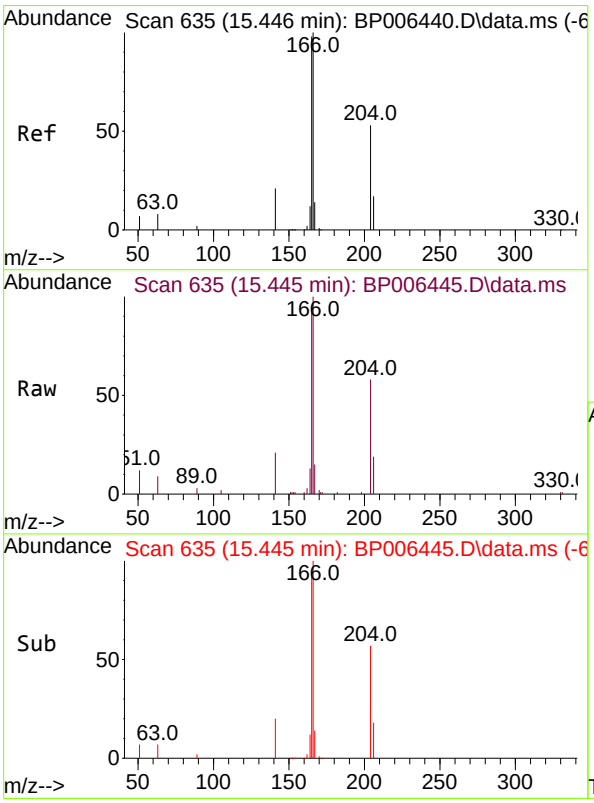


#17
Acenaphthene
Concen: 0.36 ng
RT: 14.452 min Scan# 587
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:154 Resp: 8705

Ion	Ratio	Lower	Upper
154	100		
153	109.8	88.4	132.6
152	56.3	44.7	67.1

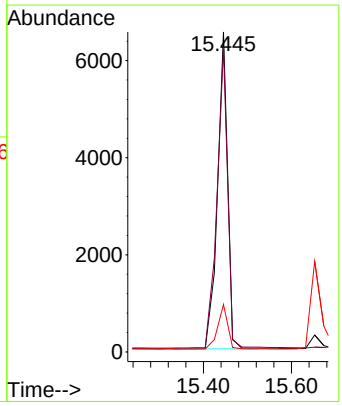


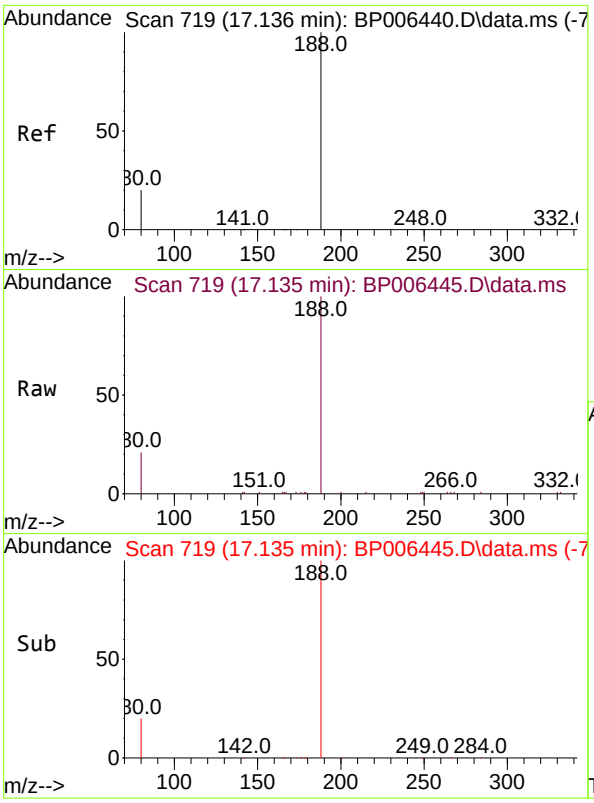


#18
Fluorene
Concen: 0.36 ng
RT: 15.445 min Scan# 635
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:166 Resp: 10370

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.8	121.2
167	13.8	10.7	16.1

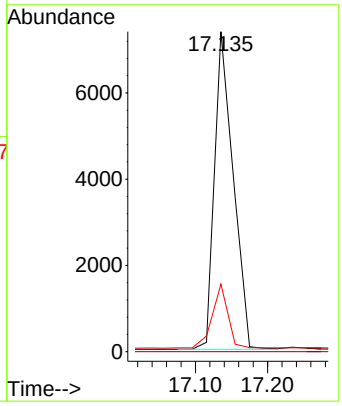




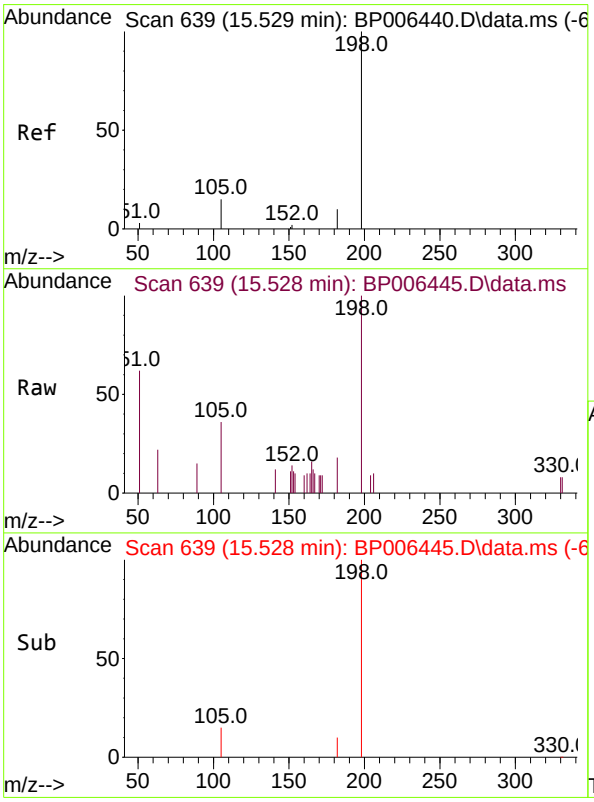
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.135 min Scan# 719
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:188 Resp: 13269

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	21.1	17.0	25.4



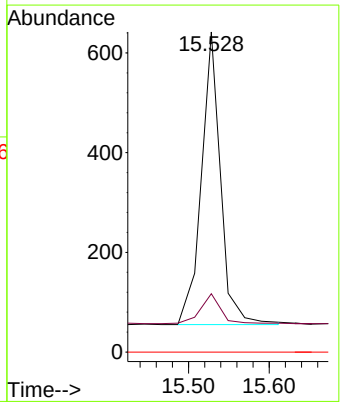
Instrument :
BNA_P
ClientSampleId :
ICVBP073021



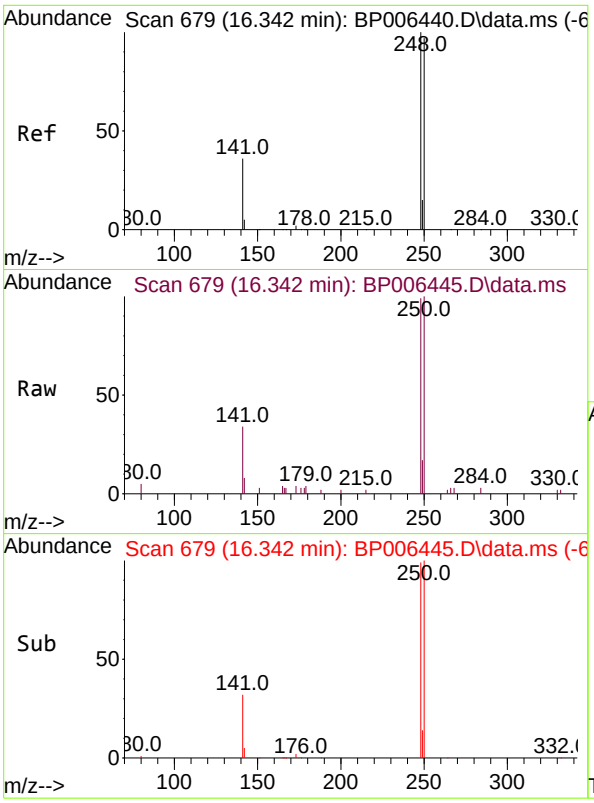
#20
4,6-Dinitro-2-methylphenol
Concen: 0.32 ng
RT: 15.528 min Scan# 639
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:198 Resp: 967

Ion	Ratio	Lower	Upper
198	100		
182	18.2	13.8	20.8
77	0.0	0.0	0.0



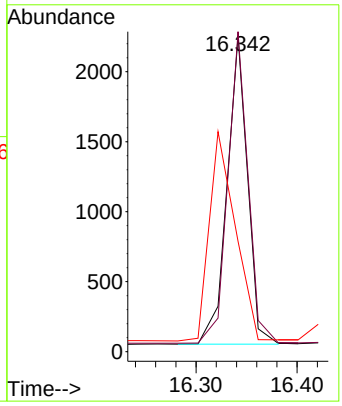
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

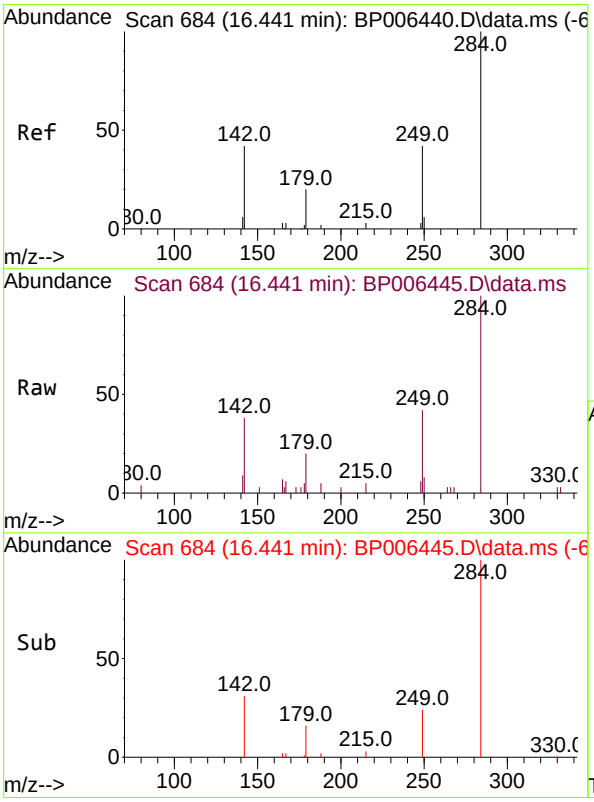


#21
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.342 min Scan# 679
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:248 Resp: 3084

Ion	Ratio	Lower	Upper
248	100		
250	101.4	77.6	116.4
141	34.9	31.0	46.6

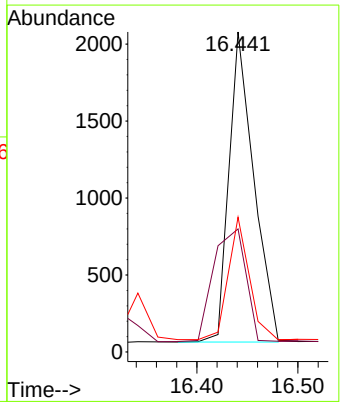




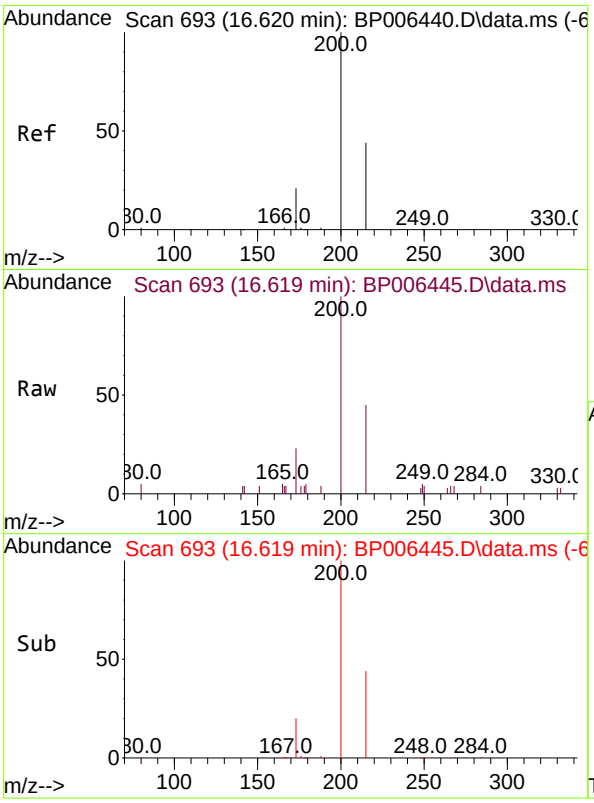
#22
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.441 min Scan# 684
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:284 Resp: 3446

Ion	Ratio	Lower	Upper
284	100		
142	47.4	38.4	57.6
249	33.4	27.4	41.2



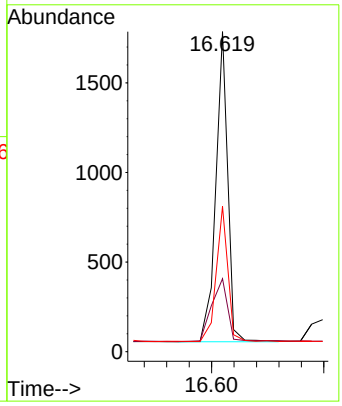
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

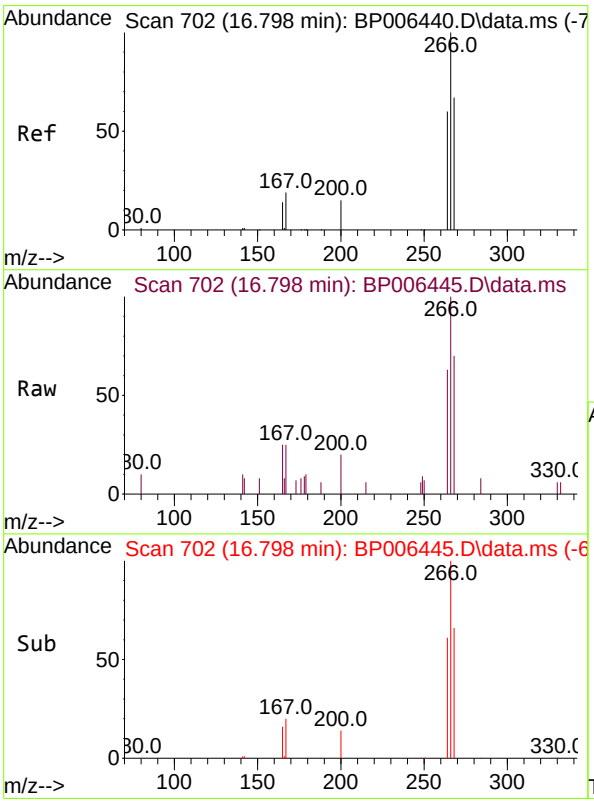


#23
Atrazine
Concen: 0.35 ng
RT: 16.619 min Scan# 693
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:200 Resp: 2534

Ion	Ratio	Lower	Upper
200	100		
173	22.8	18.6	28.0
215	45.4	37.0	55.4

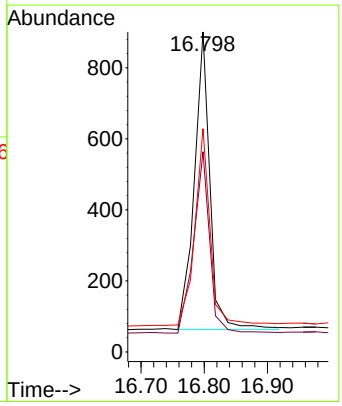




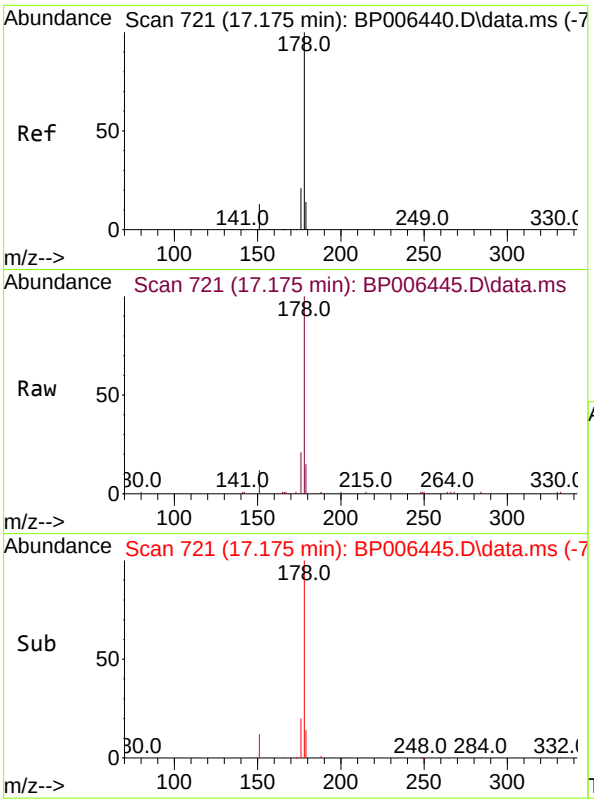
#24
Pentachlorophenol
Concen: 0.33 ng
RT: 16.798 min Scan# 702
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:266 Resp: 1445

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.8	74.8
268	64.6	51.8	77.6



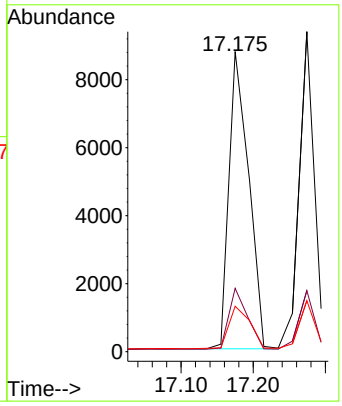
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

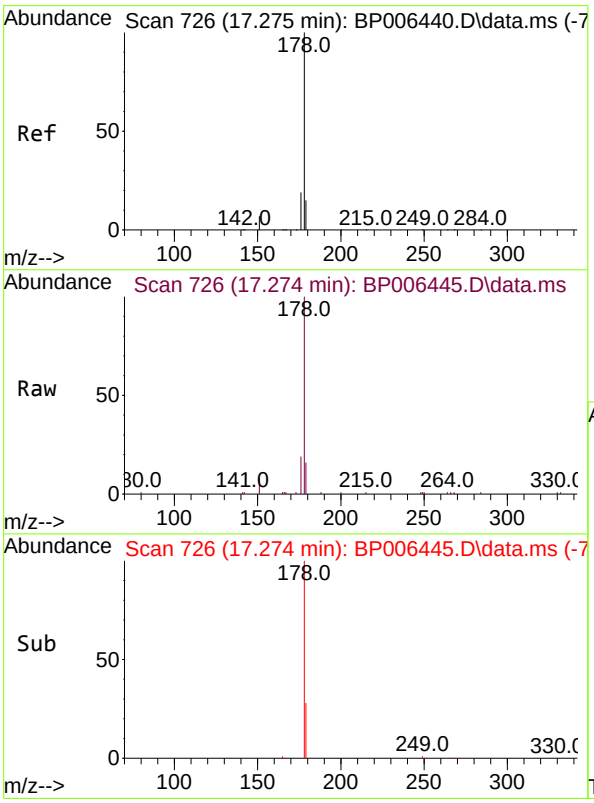


#25
Phenanthrene
Concen: 0.38 ng
RT: 17.175 min Scan# 721
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:178 Resp: 16583

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.4	12.3	18.5

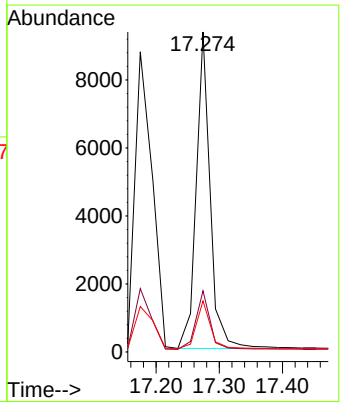




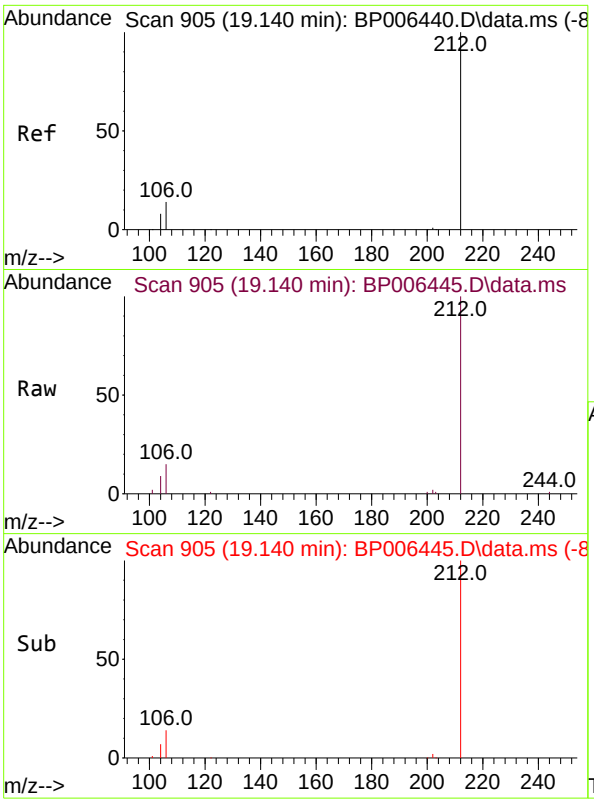
#26
Anthracene
Concen: 0.36 ng
RT: 17.274 min Scan# 726
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:178 Resp: 14217

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.2	12.0	18.0



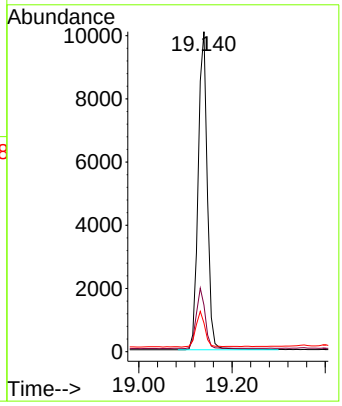
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

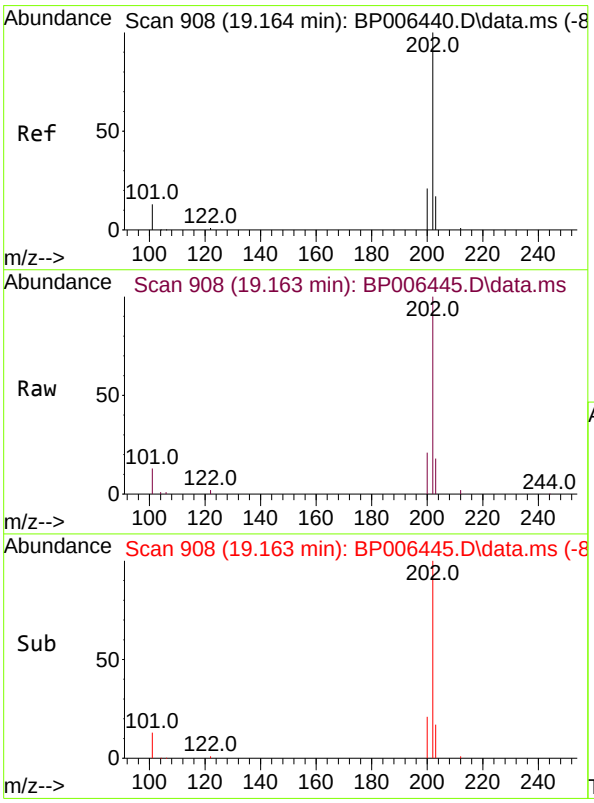


#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.140 min Scan# 905
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:212 Resp: 13629

Ion	Ratio	Lower	Upper
212	100		
106	18.6	14.6	21.8
104	11.2	8.9	13.3

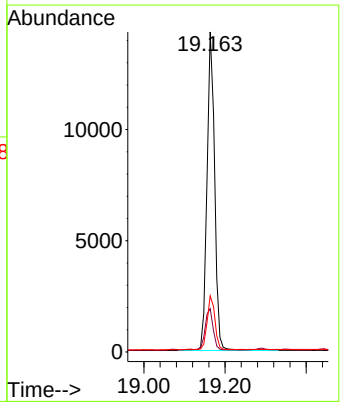




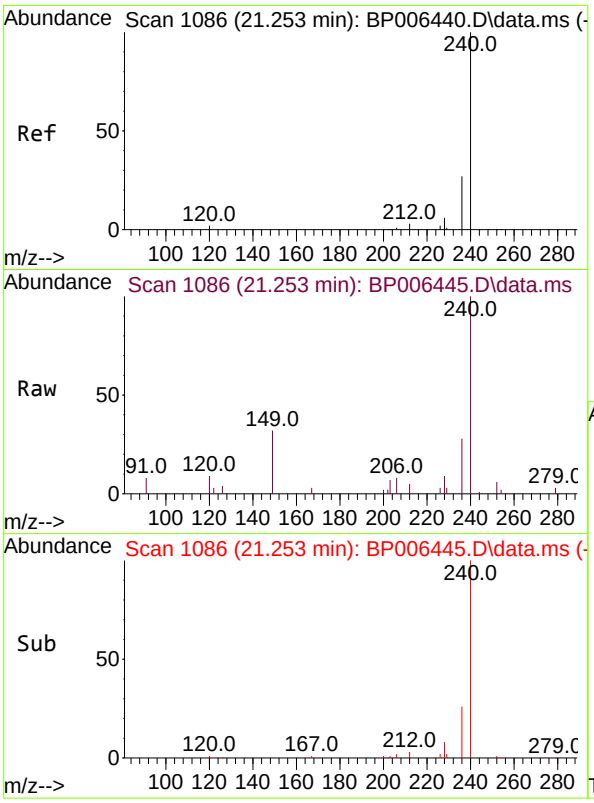
#28
Fluoranthene
Concen: 0.36 ng
RT: 19.163 min Scan# 908
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:202 Resp: 18657

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.3	16.9
203	17.0	13.4	20.2



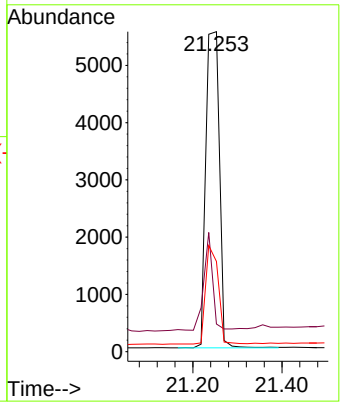
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

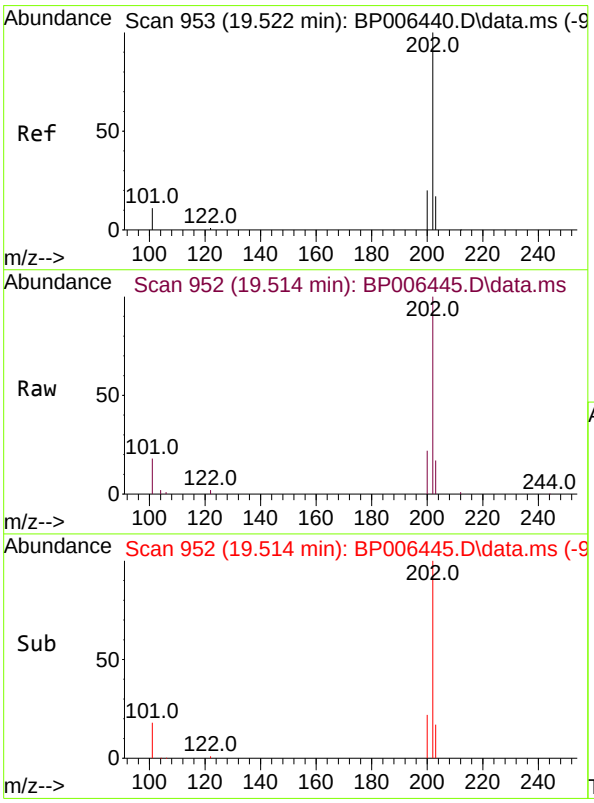


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.253 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:240 Resp: 11726

Ion	Ratio	Lower	Upper
240	100		
120	8.7	5.8	8.8
236	28.2	22.6	33.8

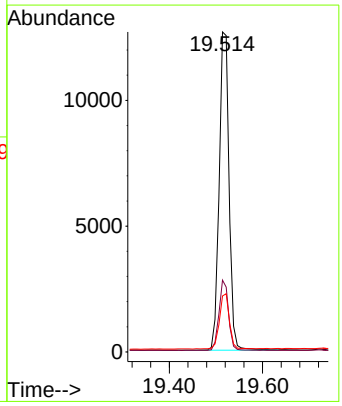




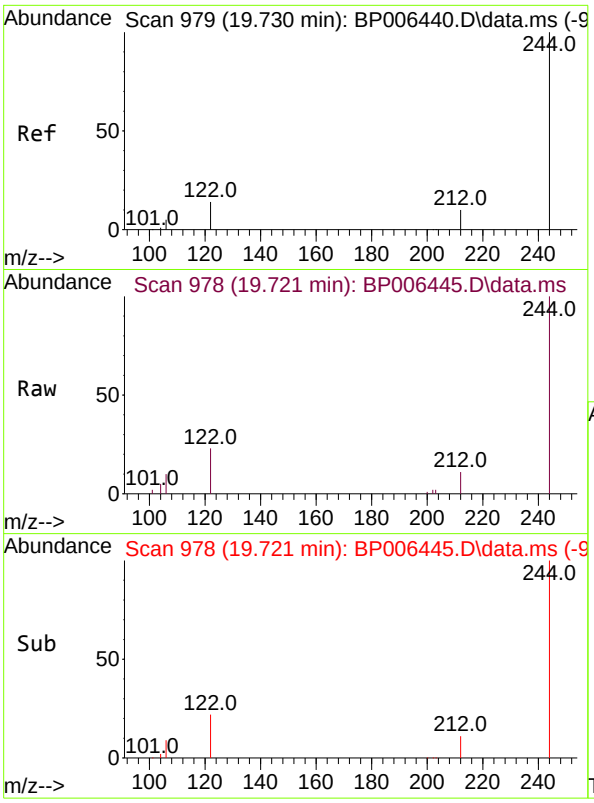
#30
Pyrene
Concen: 0.36 ng
RT: 19.514 min Scan# 952
Delta R.T. -0.008 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:202 Resp: 18744

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.5	14.1	21.1



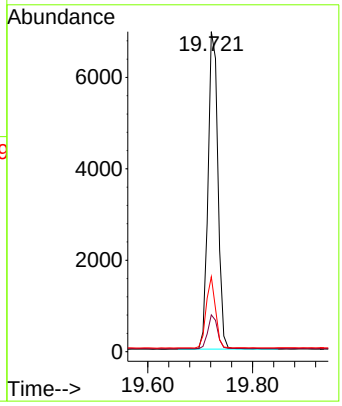
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

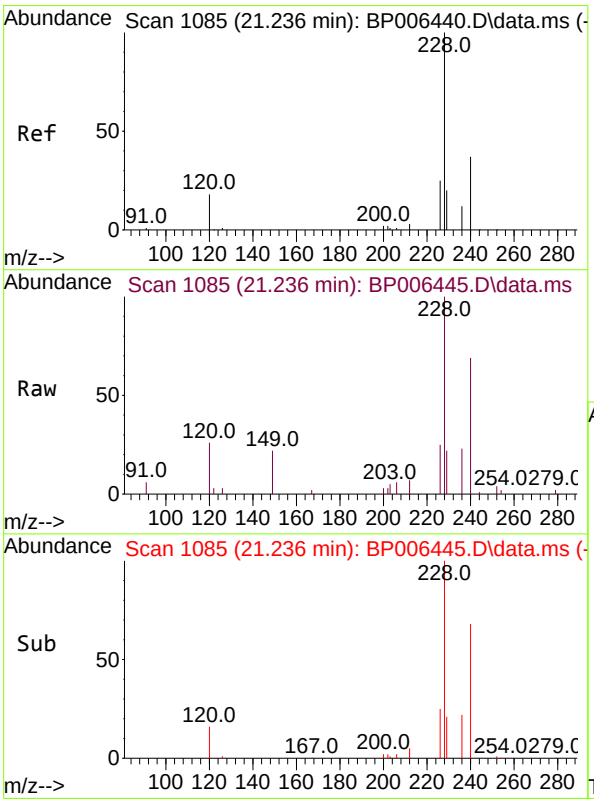


#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.721 min Scan# 978
Delta R.T. -0.008 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:244 Resp: 9104

Ion	Ratio	Lower	Upper
244	100		
212	11.5	8.5	12.7
122	23.4	11.8	17.6#

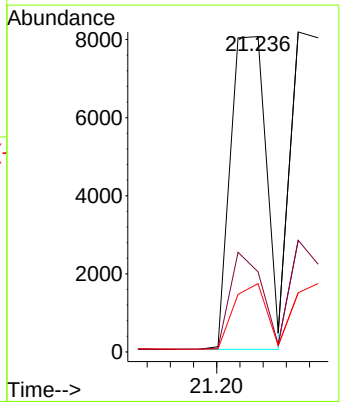




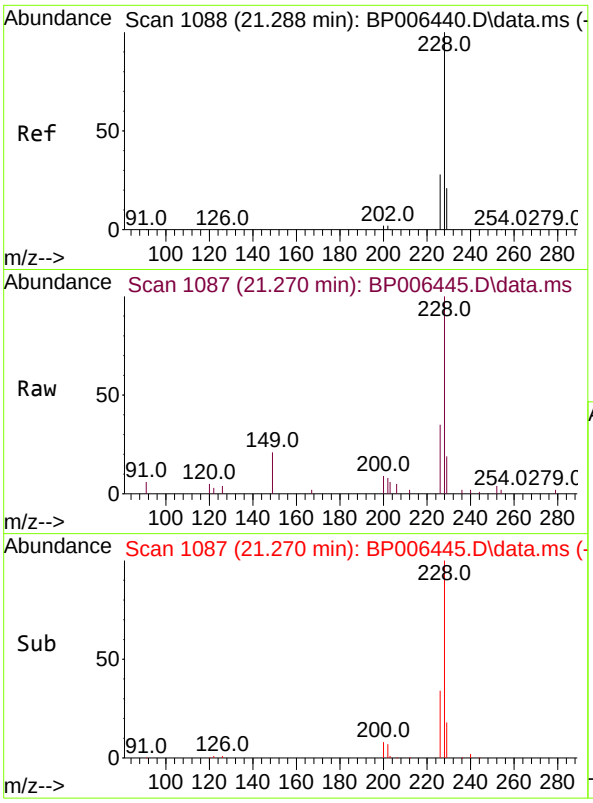
#32
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.236 min Scan# 1085
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:228 Resp: 17098

Ion	Ratio	Lower	Upper
228	100		
226	25.4	20.6	30.8
229	21.7	16.6	25.0



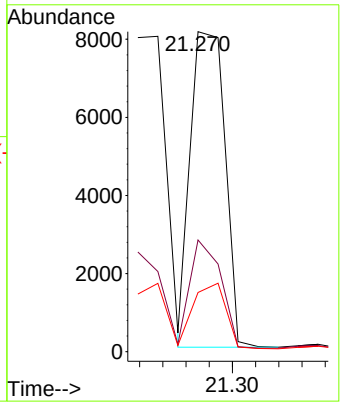
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

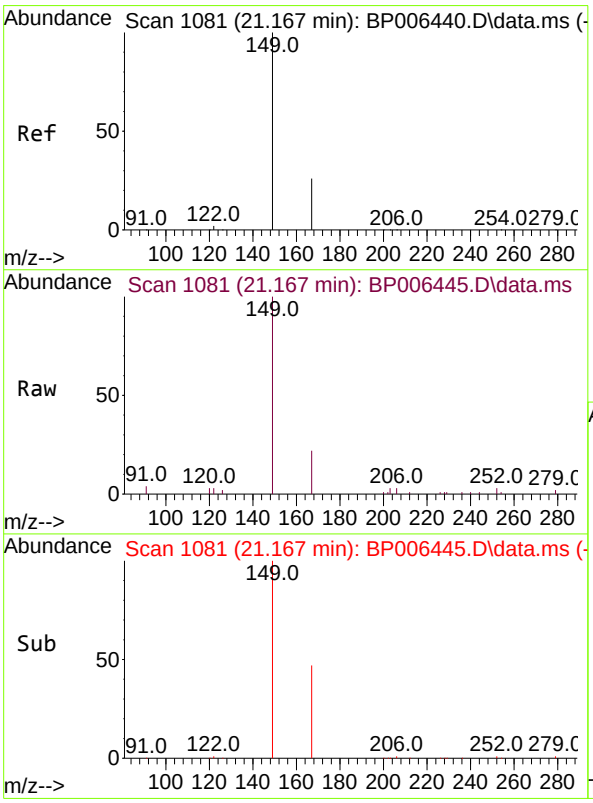


#33
Chrysene
Concen: 0.36 ng
RT: 21.270 min Scan# 1087
Delta R.T. -0.018 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:228 Resp: 16783

Ion	Ratio	Lower	Upper
228	100		
226	34.9	22.4	33.6#
229	18.5	17.4	26.2

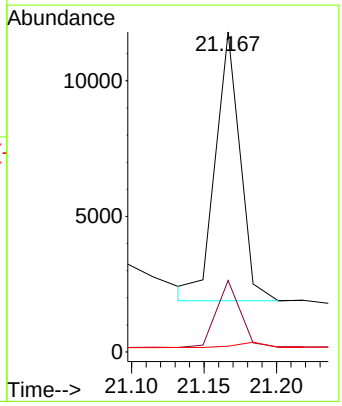




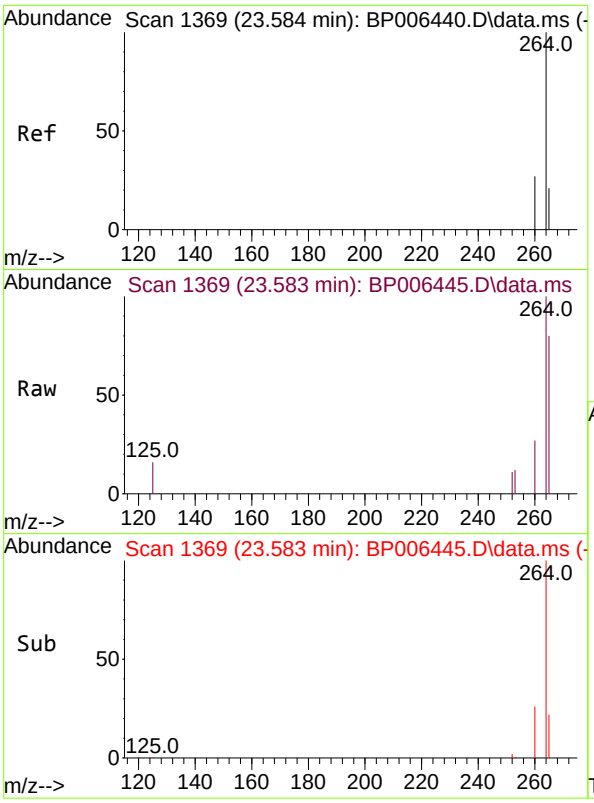
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.35 ng
RT: 21.167 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:149 Resp: 11727

Ion	Ratio	Lower	Upper
149	100		
167	24.5	18.5	27.7
279	2.6	2.1	3.1



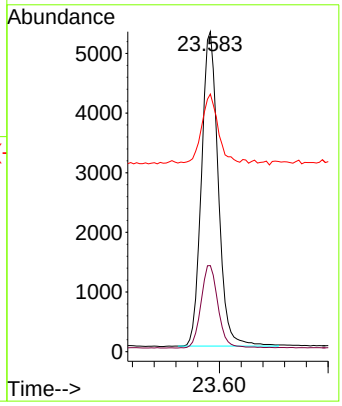
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

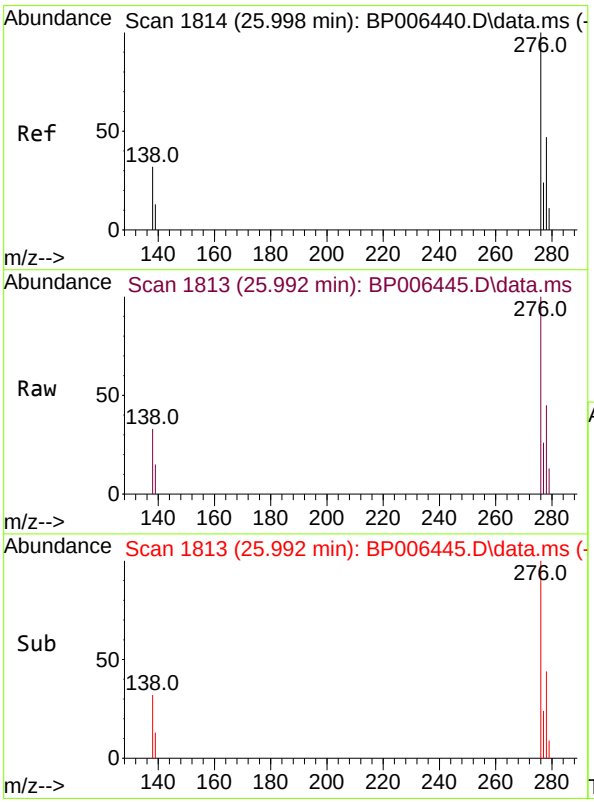


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.583 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:264 Resp: 11289

Ion	Ratio	Lower	Upper
264	100		
260	26.9	22.2	33.4
265	80.5	64.2	96.2

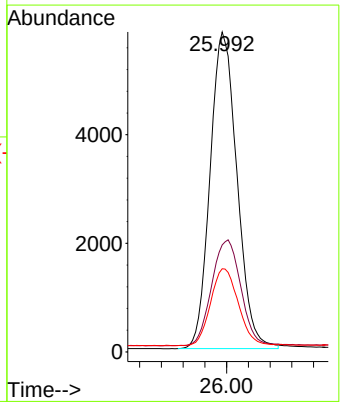




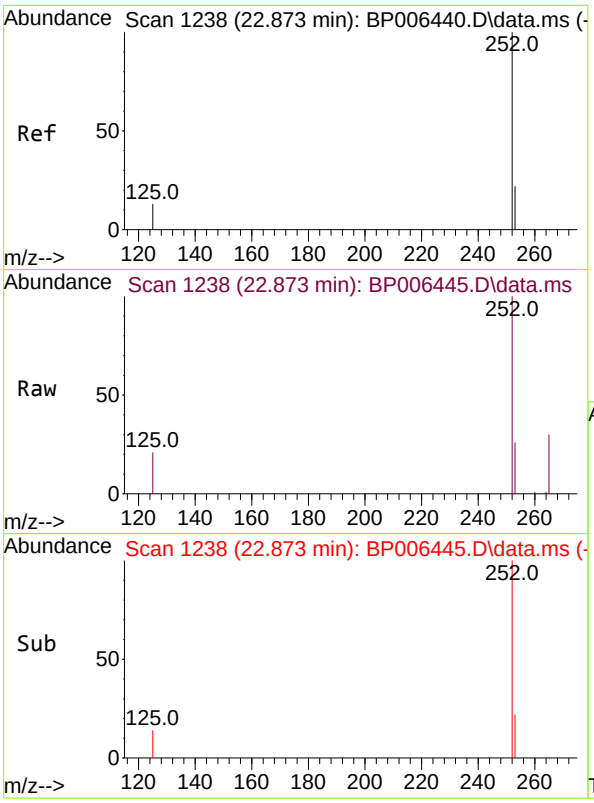
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 25.992 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:276 Resp: 20076

Ion	Ratio	Lower	Upper
276	100		
138	35.8	27.7	41.5
277	24.9	19.8	29.8



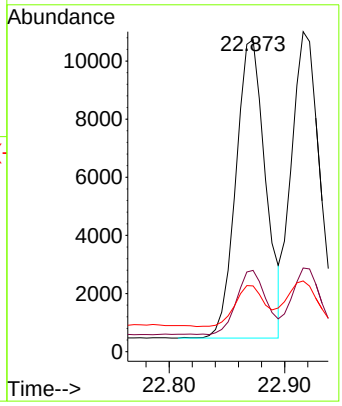
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

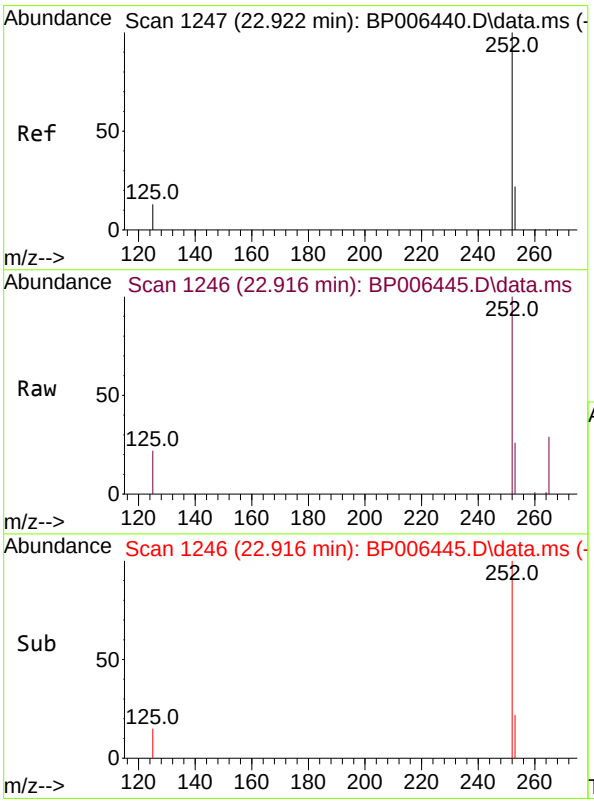


#37
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 22.873 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:252 Resp: 18298

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.8	31.2
125	21.1	16.3	24.5

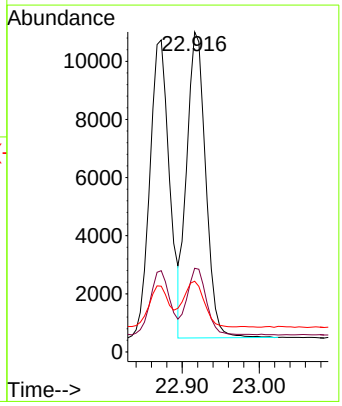




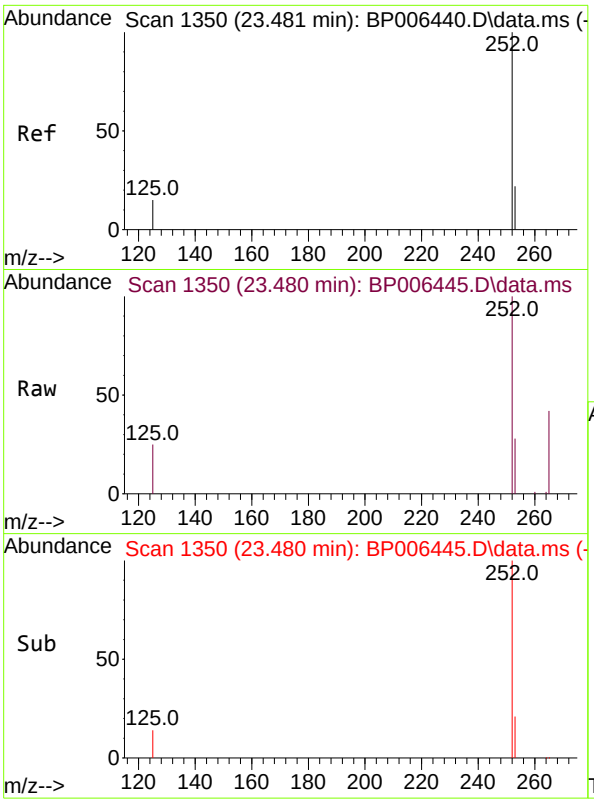
#38
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 22.916 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:252 Resp: 17995

Ion	Ratio	Lower	Upper
252	100		
253	26.1	21.0	31.6
125	22.1	17.1	25.7



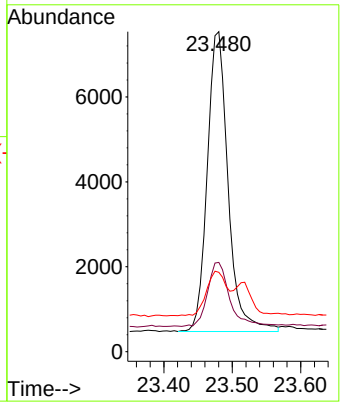
Instrument :
BNA_P
ClientSampleId :
ICVBP073021

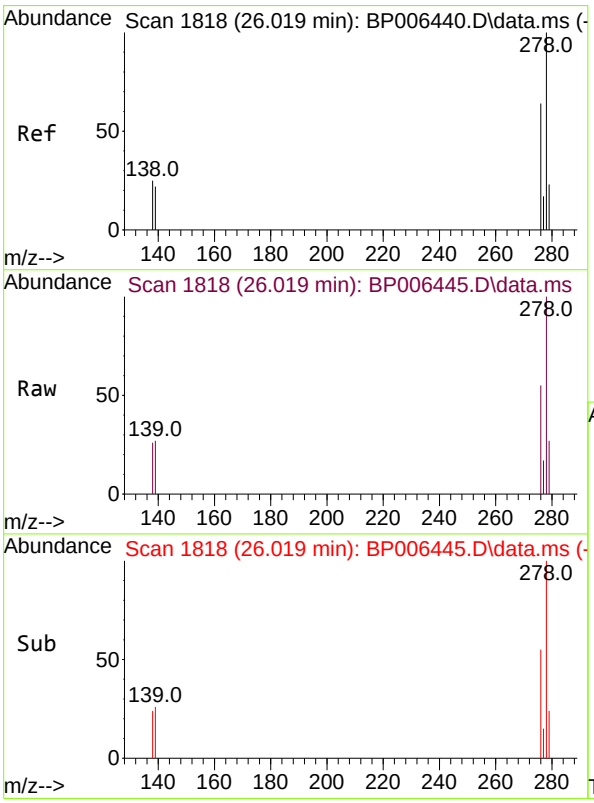


#39
Benzo(a)pyrene
Concen: 0.35 ng
RT: 23.480 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:252 Resp: 14917

Ion	Ratio	Lower	Upper
252	100		
253	27.9	22.9	34.3
125	24.8	20.2	30.2

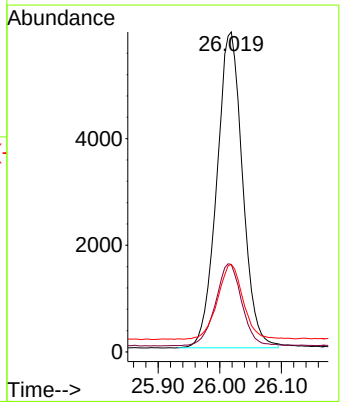


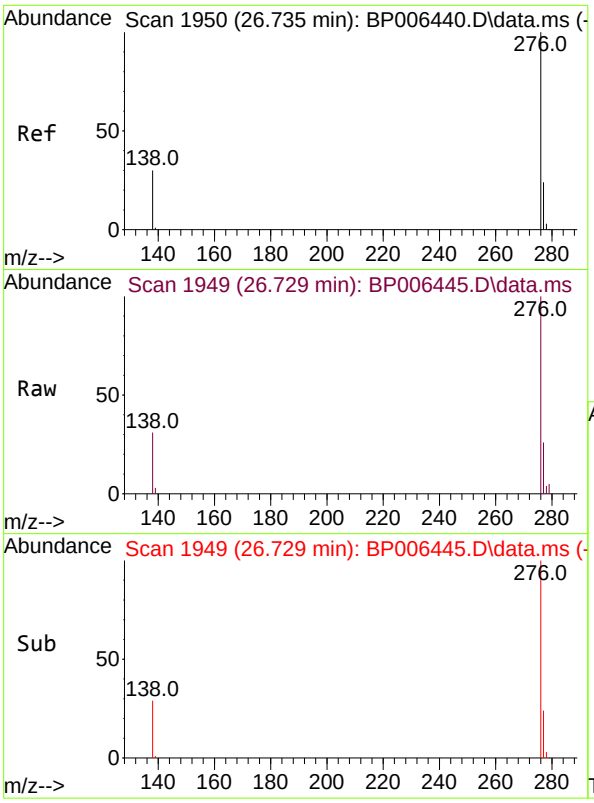


#40
Dibenzo(a,h)anthracene
Concen: 0.38 ng
RT: 26.019 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:278 Resp: 17239

Ion	Ratio	Lower	Upper
278	100		
139	27.4	19.3	28.9
279	27.3	21.8	32.6

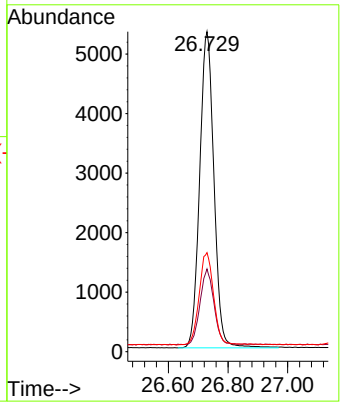




#41
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 26.729 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP006445.D
Acq: 30 Jul 2021 19:33

Tgt Ion:276 Resp: 17671

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.6	31.0
138	31.0	25.5	38.3



Instrument :
BNA_P
ClientSampleId :
ICVBP073021