Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061121\
Data File : BP005876.D
Acq On : 11 Jun 2021 18:04
Operator : CG/JU
Sample : M2613-21DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B12(114-118)

Quant Time: Jun 11 18:32:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 13:53:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.946	152	1628	20.000	ng	#	0.00
21) Naphthalene-d8	10.757	136	5550	20.000	ng	#	0.00
39) Acenaphthene-d10	14.581	164	2449	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	6225	20.000	ng	#	0.02
76) Chrysene-d12	21.392	240	10321	20.000	ng	#	0.00
86) Perylene-d12	23.810	264	13829	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1569	15.465	ng		0.02
7) Phenol-d6	7.163	99	15362	116.819	ng		0.05
23) Nitrobenzene-d5	9.122	82	66	0.583	ng		0.01
42) 2,4,6-Tribromophenol	16.075	330	13	0.309	ng		0.01
45) 2-Fluorobiphenyl	13.228	172	541	2.901	ng		0.02
79) Terphenyl-d14	19.875	244	5724	10.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	95	2.073	ng	#	30
4) n-Nitrosodimethylamine	3.711	42	113	2.257	ng	#	1
6) Aniline	7.305	93	1349	9.189	ng	#	34
9) Benzaldehyde	7.099	77	425	7.581	ng	#	46
10) Phenol	7.175	94	18796	143.080	ng		92
17) 2-Methylphenol	8.422	107	312	3.486	ng	#	69
20) 3+4-Methylphenols	8.775	107	1423	11.770	ng	#	76
32) Benzoic acid	10.099	122	40	6.874	ng	#	18
41) Hexachlorocyclopentadiene	12.710	237	23	5.998	ng		85
54) 2,4-Dinitrophenol	14.710	184	19	5.505	ng		98
75) Fluoranthene	19.333	202	1018	2.242	ng		78
77) Benzidine	19.533	184	5343	24.879	ng	#	96
81) Benzo(a)anthracene	21.380	228	1667	2.238	ng		94
83) Chrysene	21.433	228	1747	2.421	ng	#	85
87) Indeno(1,2,3-cd)pyrene	26.357	276	5168	4.370	ng	#	86
88) Benzo(b)fluoranthene	23.074	252	3755	3.964	ng	#	72
89) Benzo(k)fluoranthene	23.121	252	3294	3.586	ng	#	51
90) Benzo(a)pyrene	23.704	252	3111	3.494	ng	#	59
91) Dibenzo(a,h)anthracene	26.386	278	4921	4.835	ng	#	88
92) Benzo(g,h,i)perylene	27.133	276	7076	7.037	ng	#	84

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

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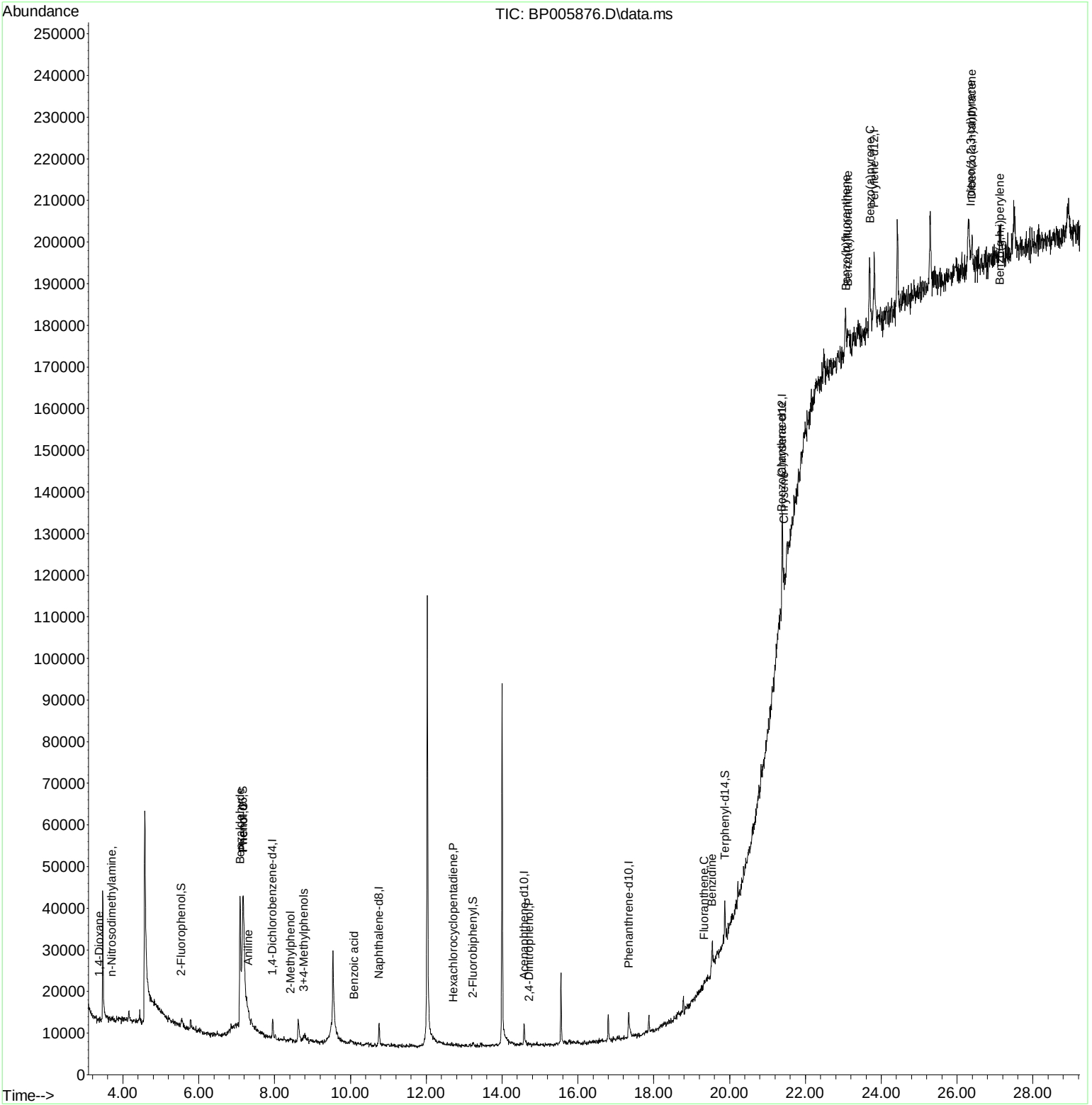
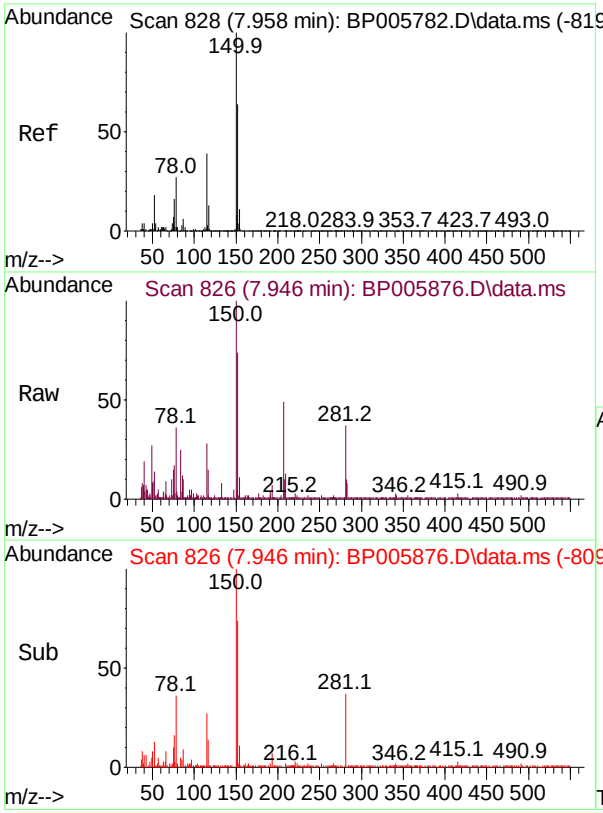


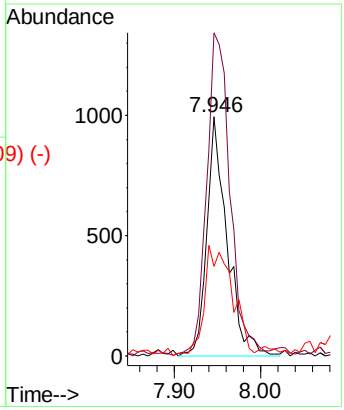
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

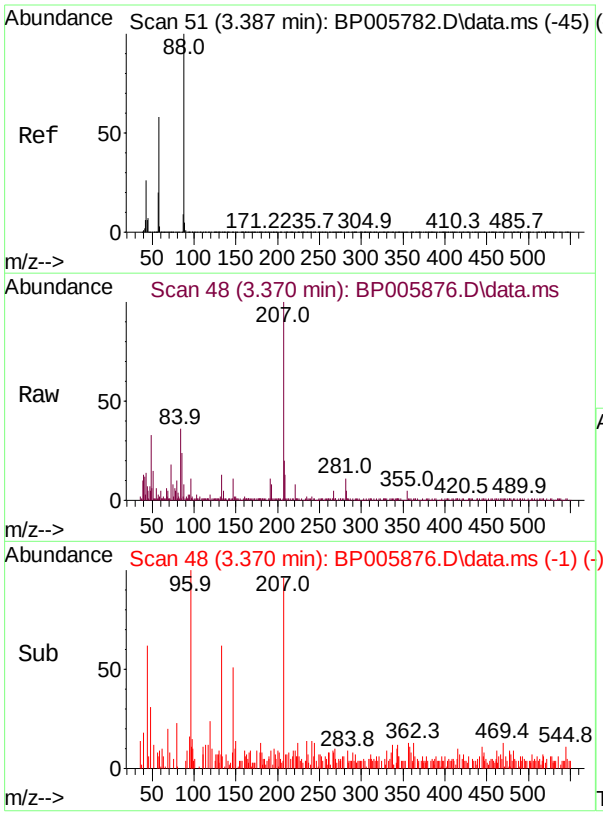


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.946 min Scan# 826
Delta R.T. -0.000 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:152 Resp: 1628

Ion	Ratio	Lower	Upper
152	100		
150	135.0	125.6	188.4
115	37.3	48.5	72.7#

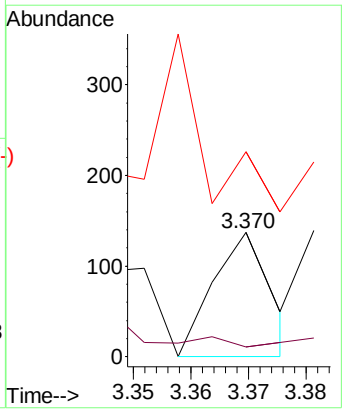




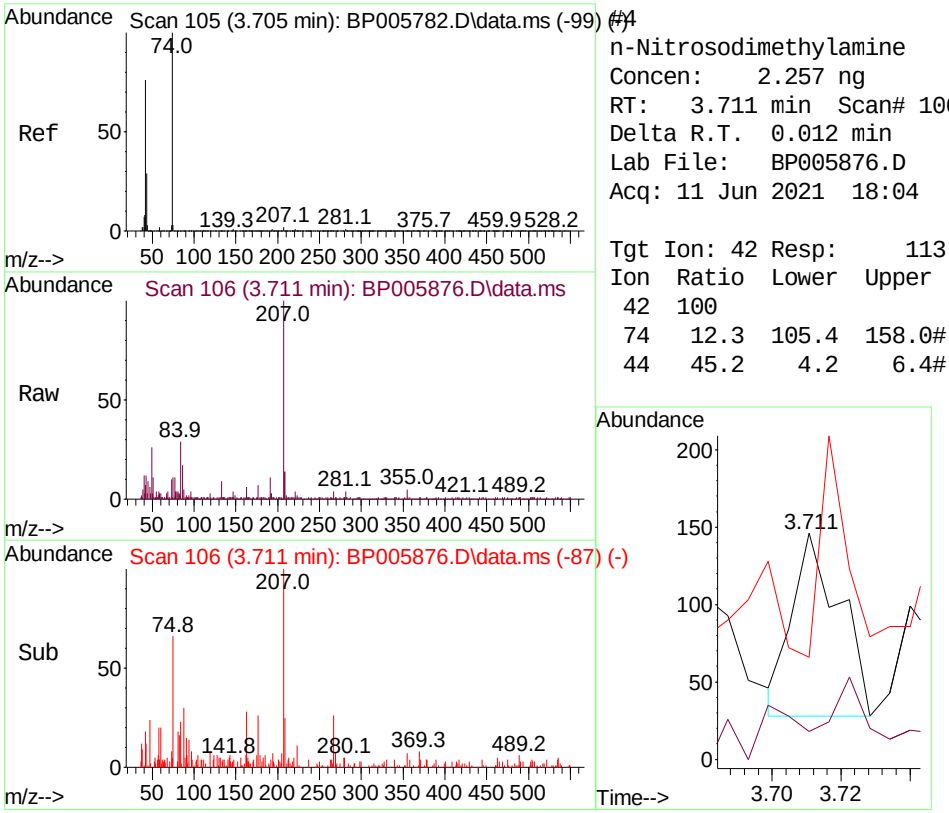
#2
1,4-Dioxane
Concen: 2.073 ng
RT: 3.370 min Scan# 48
Delta R.T. -0.012 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion: 88 Resp: 95

Ion	Ratio	Lower	Upper
88	100		
58	0.0	46.7	70.1#
43	0.0	20.3	30.5#



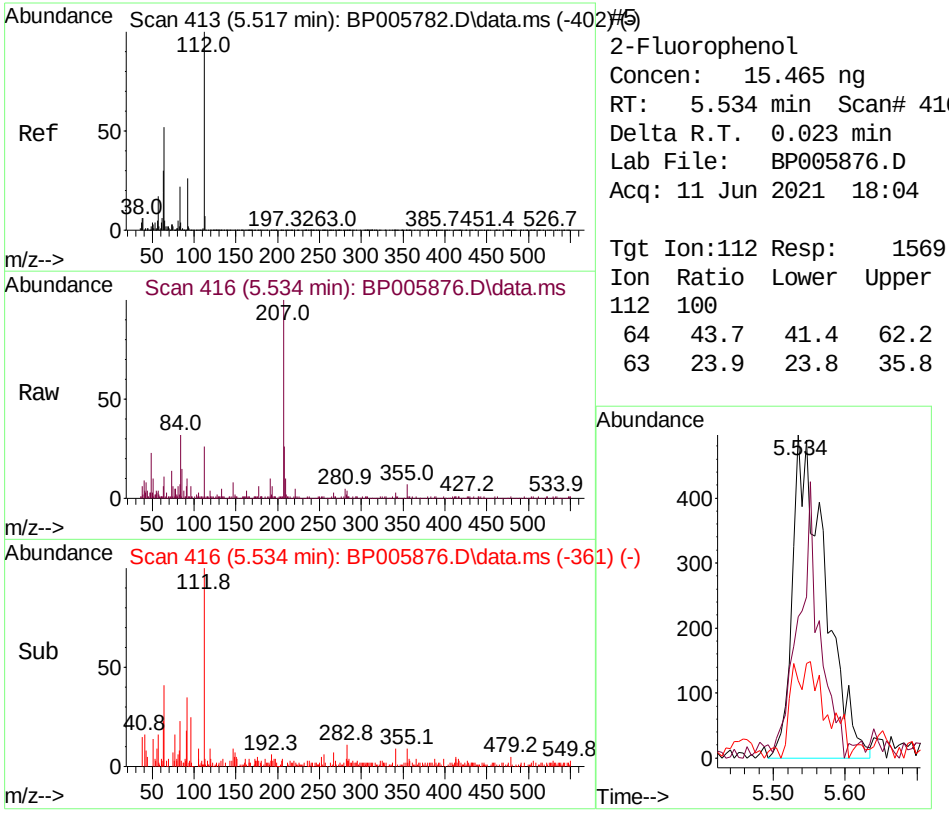
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)



n-Nitrosodimethylamine
Concen: 2.257 ng
RT: 3.711 min Scan# 106
Delta R.T. 0.012 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion: 42 Resp: 113

Ion	Ratio	Lower	Upper
42	100		
74	12.3	105.4	158.0#
44	45.2	4.2	6.4#

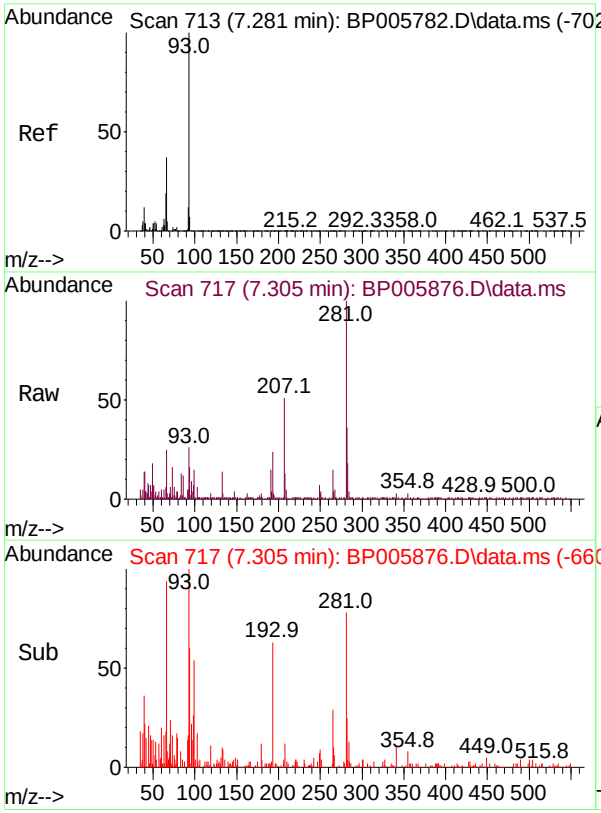


2-Fluorophenol
Concen: 15.465 ng
RT: 5.534 min Scan# 416
Delta R.T. 0.023 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:112 Resp: 1569

Ion	Ratio	Lower	Upper
112	100		
64	43.7	41.4	62.2
63	23.9	23.8	35.8

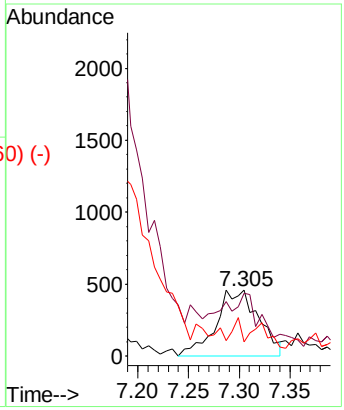
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

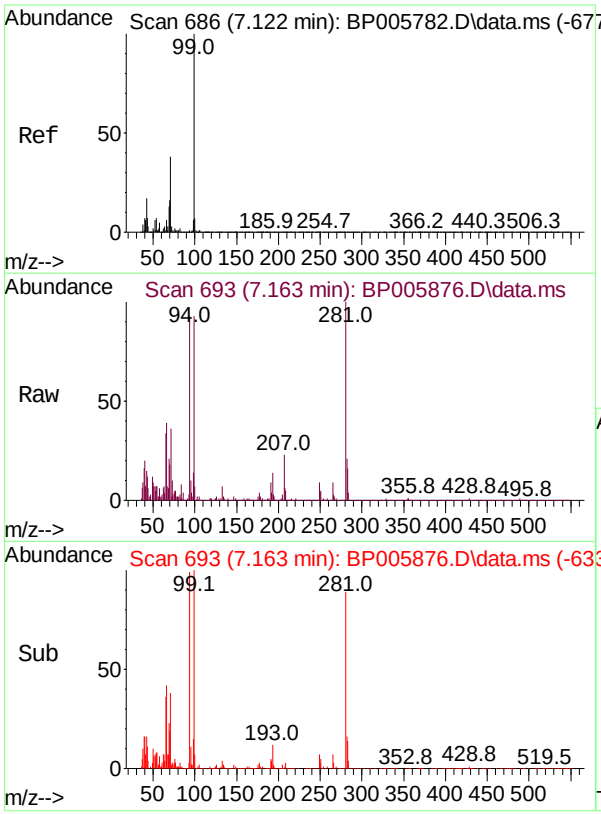


Aniline
Concen: 9.189 ng
RT: 7.305 min Scan# 717
Delta R.T. 0.035 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion: 93 Resp: 1349

Ion	Ratio	Lower	Upper
93	100		
66	95.6	29.7	44.5#
65	21.2	15.3	22.9

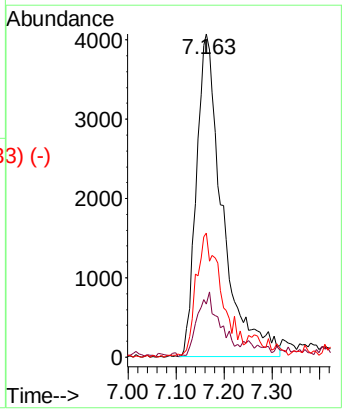




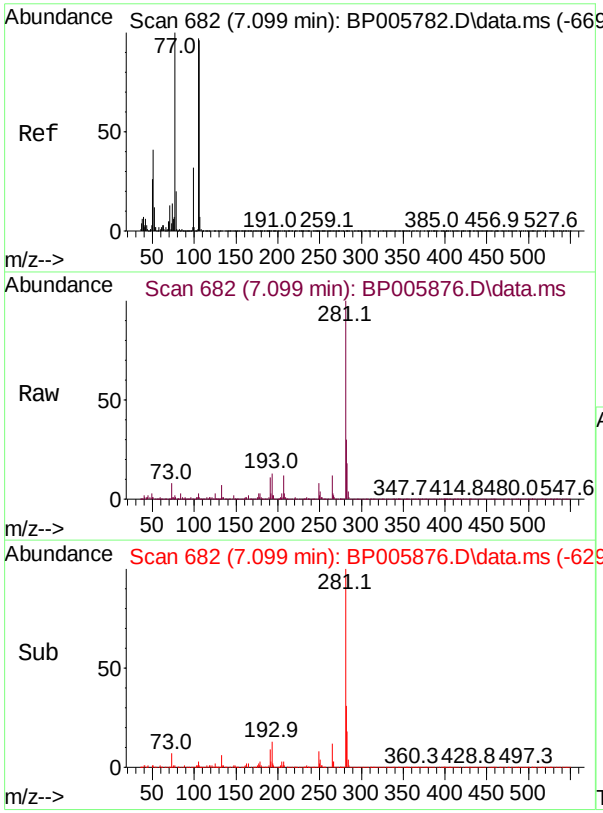
Phenol-d6
Concen: 116.819 ng
RT: 7.163 min Scan# 693
Delta R.T. 0.053 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion: 99 Resp: 15362

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.0
71	38.5	30.6	46.0



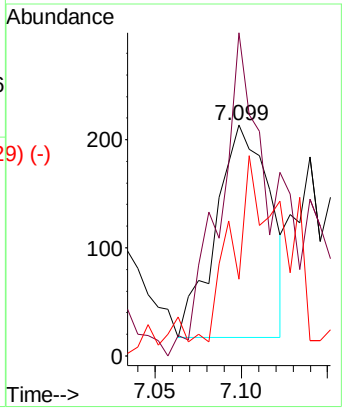
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

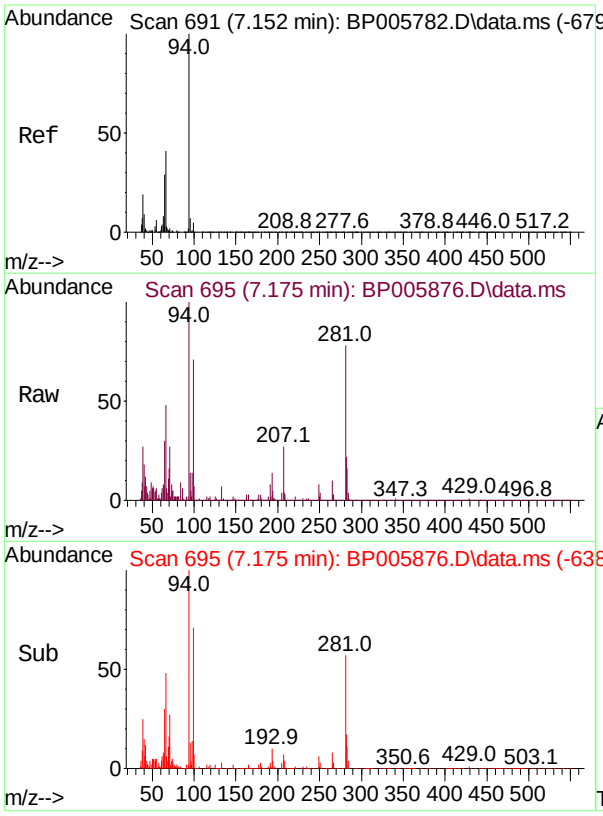


#9
Benzaldehyde
Concen: 7.581 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion: 77 Resp: 425

Ion	Ratio	Lower	Upper
77	100		
105	139.7	76.7	116.7#
106	33.2	76.2	116.2#

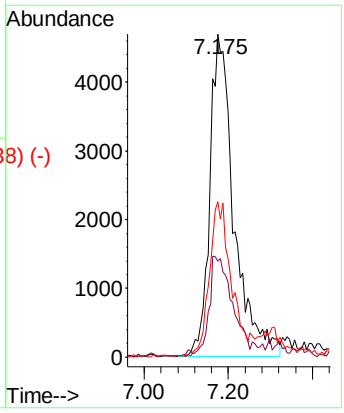




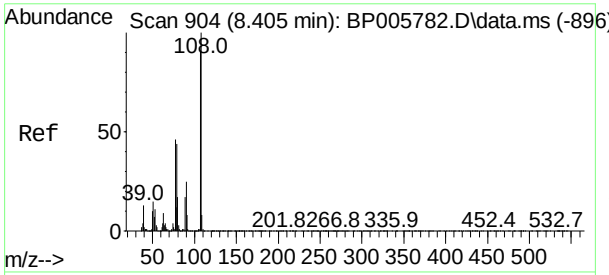
#10
Phenol
Concen: 143.080 ng
RT: 7.175 min Scan# 695
Delta R.T. 0.035 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion: 94 Resp: 18796

Ion	Ratio	Lower	Upper
94	100		
65	29.7	8.8	48.8
66	48.1	20.7	60.7



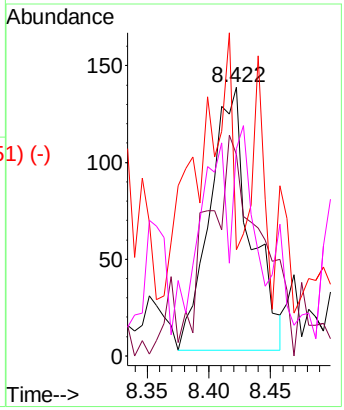
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

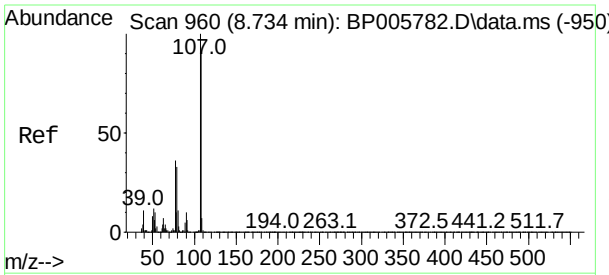


#17
2-Methylphenol
Concen: 3.486 ng
RT: 8.422 min Scan# 907
Delta R.T. 0.029 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:107 Resp: 312

Ion	Ratio	Lower	Upper
107	100		
108	74.8	87.7	131.5#
77	39.6	40.2	60.2#
79	77.0	39.0	58.4#

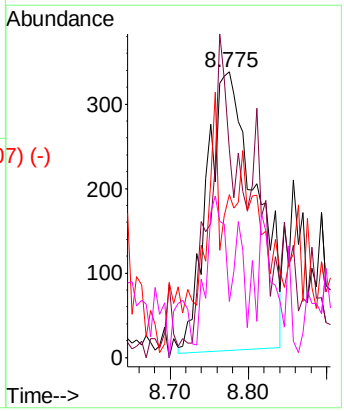




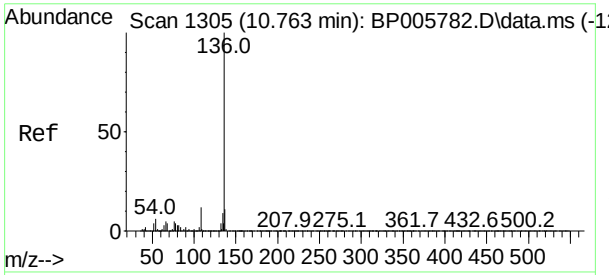
#20
3+4-Methylphenols
Concen: 11.770 ng
RT: 8.775 min Scan# 967
Delta R.T. 0.053 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:107 Resp: 1423

Ion	Ratio	Lower	Upper
107	100		
108	72.8	71.0	111.0
77	57.1	16.6	56.6#
79	19.5	12.7	52.7



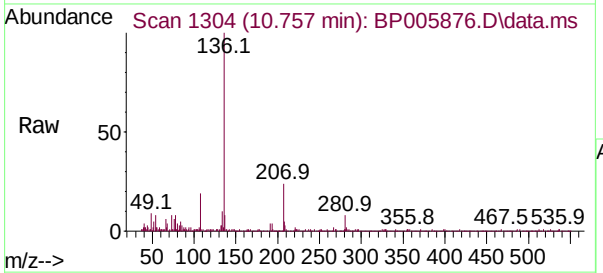
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

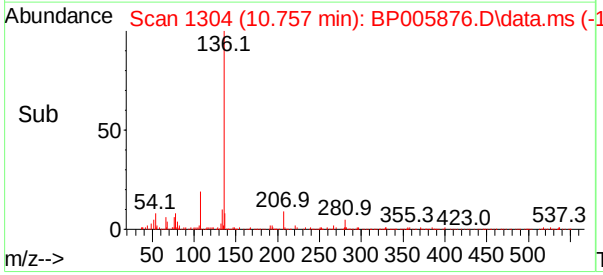


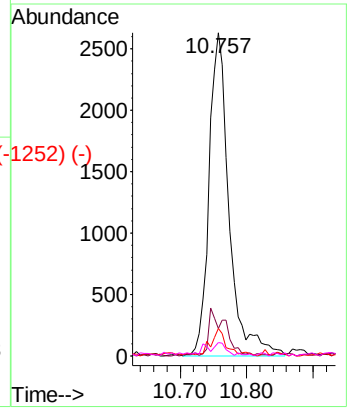
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

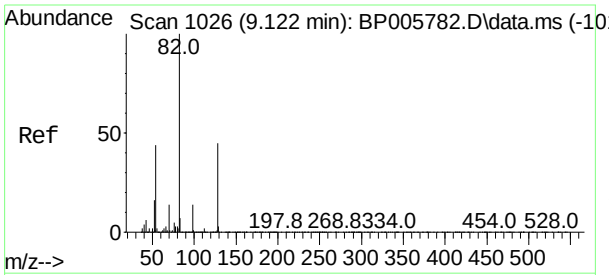
Tgt Ion:136 Resp: 5550

Ion	Ratio	Lower	Upper
136	100		
137	8.5	8.6	12.8#
54	8.4	4.6	6.8#
68	4.1	3.6	5.4





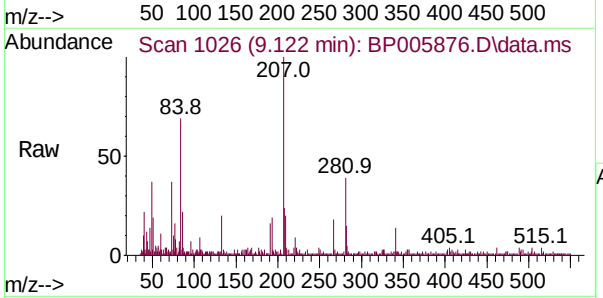


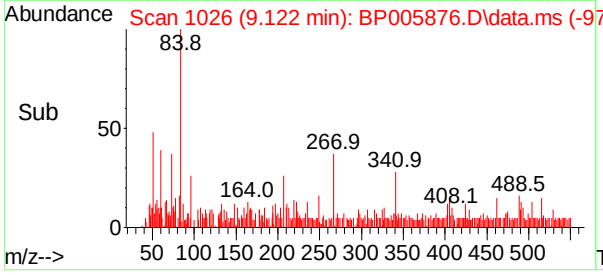


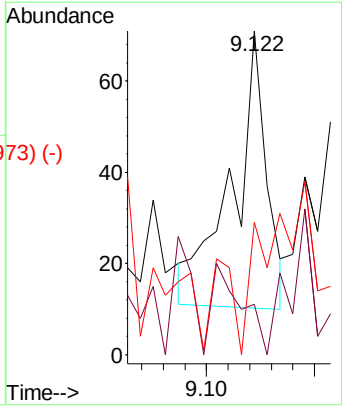
#23
Nitrobenzene-d5
Concen: 0.583 ng
RT: 9.122 min Scan# 1026
Delta R.T. 0.012 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion: 82 Resp: 66

Ion	Ratio	Lower	Upper
82	100		
128	15.5	35.7	53.5#
54	40.8	35.0	52.4







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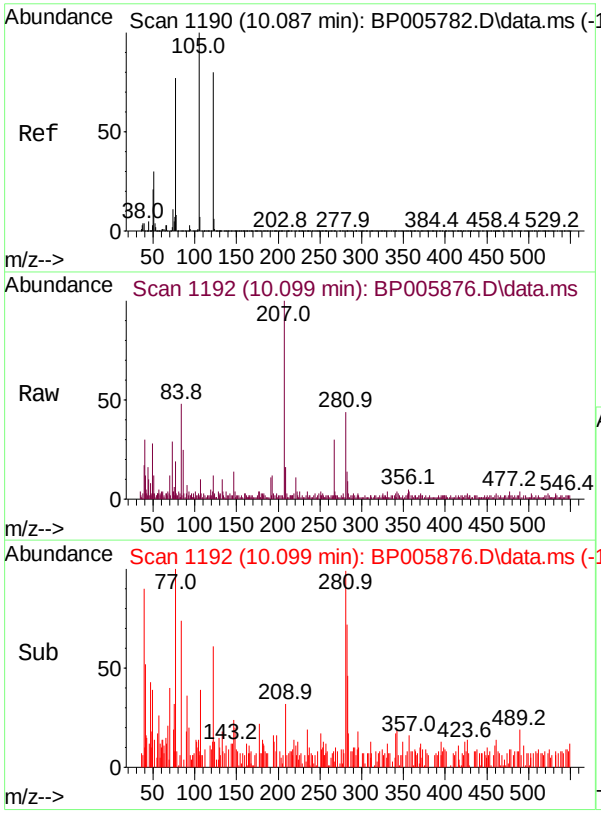
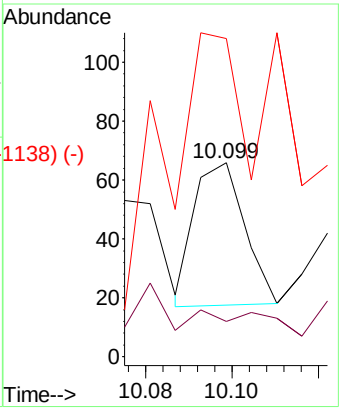
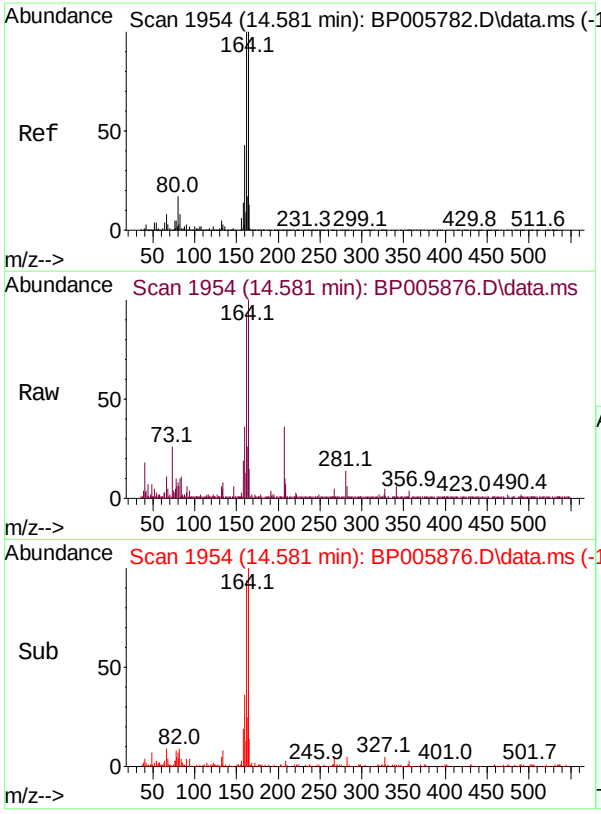


#32
Benzoic acid
Concen: 6.874 ng
RT: 10.099 min Scan# 1192
Delta R.T. 0.018 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:122 Resp: 40

Ion	Ratio	Lower	Upper
122	100		
105	18.2	103.2	143.2#
77	163.6	76.2	116.2#

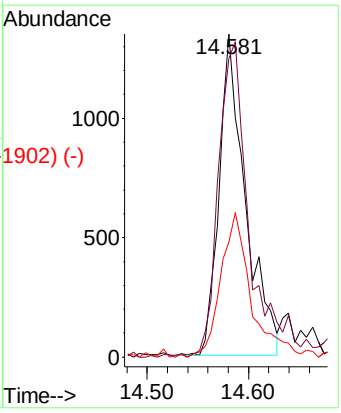




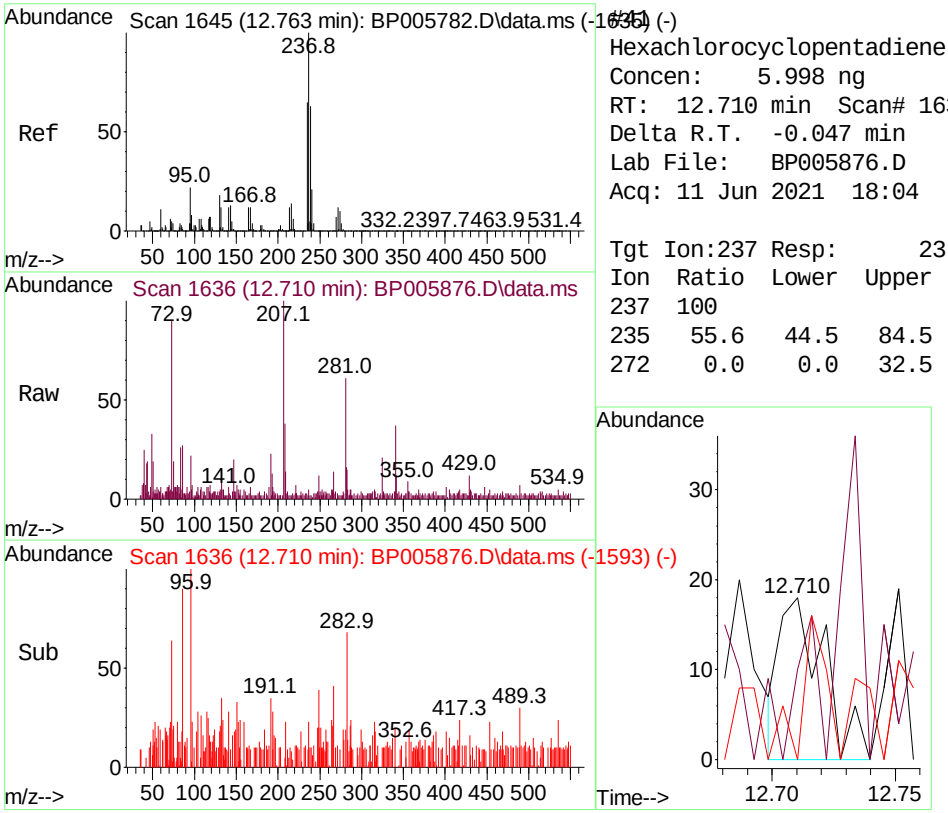
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:164 Resp: 2449

Ion	Ratio	Lower	Upper
164	100		
162	92.5	80.2	120.2
160	35.6	34.5	51.7



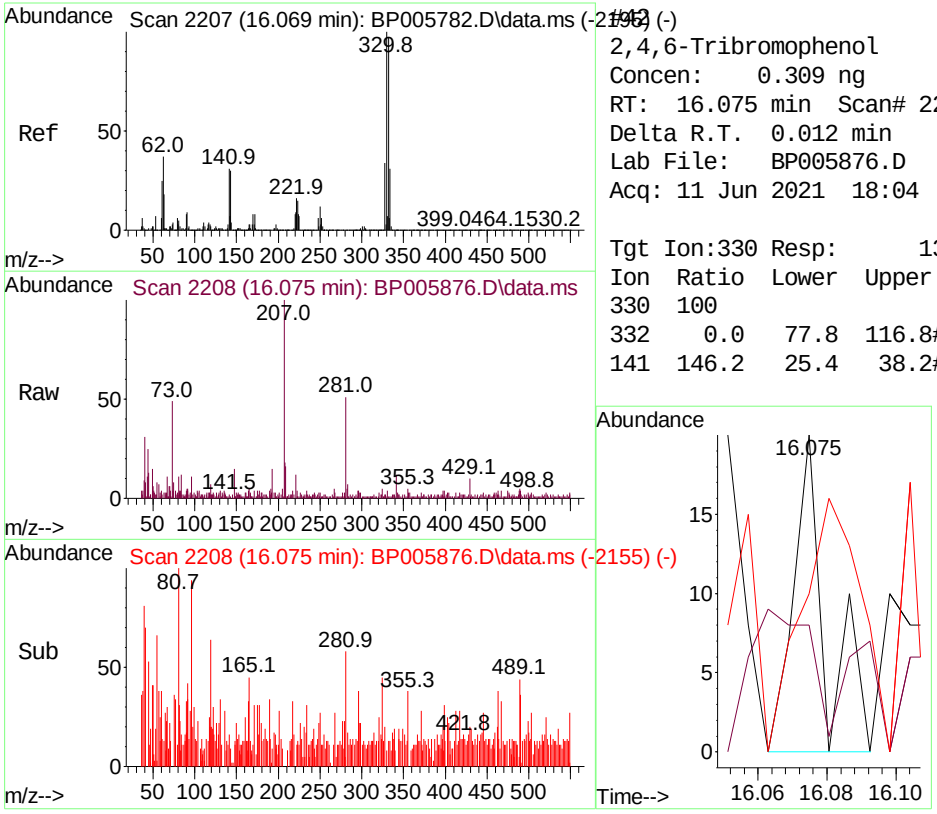
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)



#41
Hexachlorocyclopentadiene
Concen: 5.998 ng
RT: 12.710 min Scan# 1636
Delta R.T. -0.047 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:237 Resp: 23

Ion	Ratio	Lower	Upper
237	100		
235	55.6	44.5	84.5
272	0.0	0.0	32.5

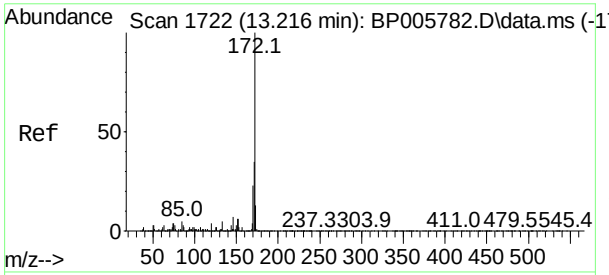


#42
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 16.075 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:330 Resp: 13

Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.8	116.8#
141	146.2	25.4	38.2#

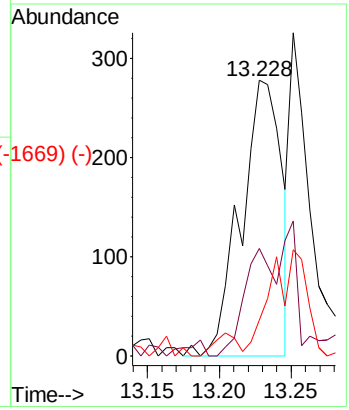
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

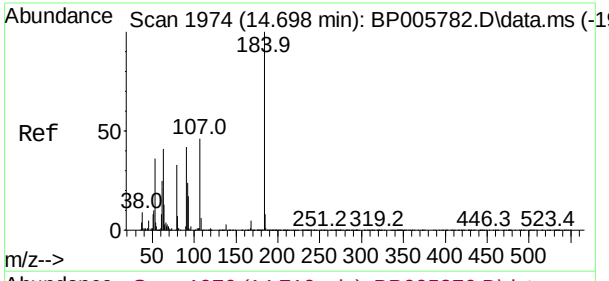


#45
2-Fluorobiphenyl
Concen: 2.901 ng
RT: 13.228 min Scan# 1724
Delta R.T. 0.023 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:172 Resp: 541

Ion	Ratio	Lower	Upper
172	100		
171	38.8	27.9	41.9
170	12.9	18.6	27.8#

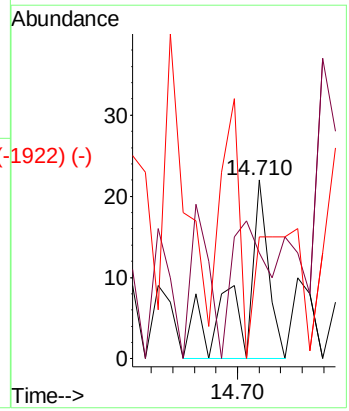




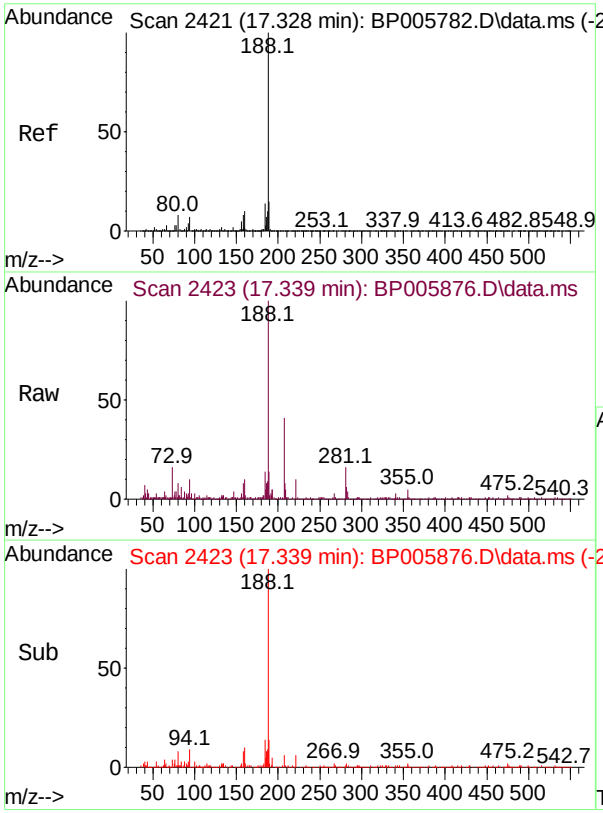
#54
2,4-Dinitrophenol
Concen: 5.505 ng
RT: 14.710 min Scan# 1976
Delta R.T. 0.018 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:184 Resp: 19

Ion	Ratio	Lower	Upper
184	100		
63	59.1	47.0	70.6
154	68.2	52.3	78.5



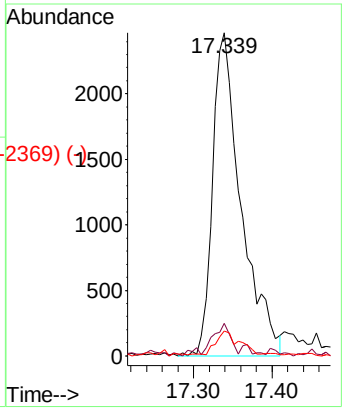
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

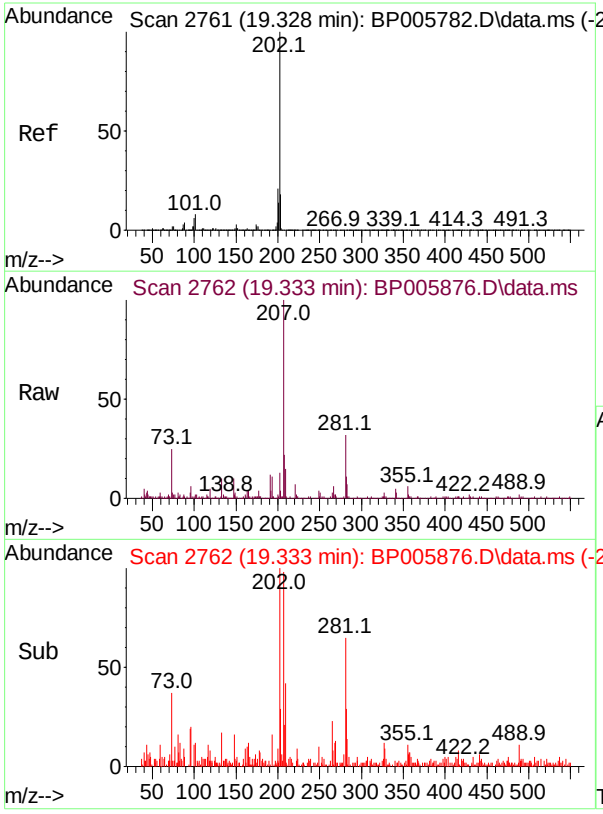


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2423
Delta R.T. 0.018 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:188 Resp: 6225

Ion	Ratio	Lower	Upper
188	100		
94	10.0	5.6	8.4#
80	7.7	6.3	9.5

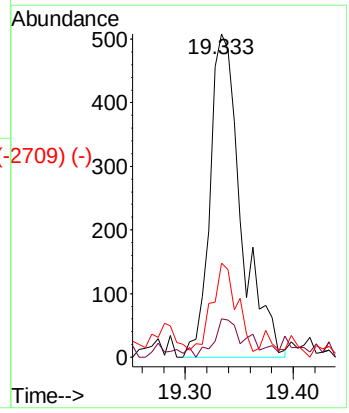




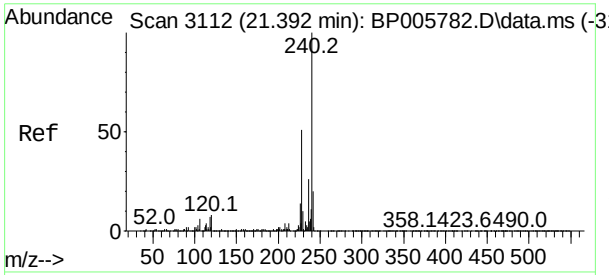
#74
Fluoranthene
Concen: 2.242 ng
RT: 19.333 min Scan# 2762
Delta R.T. 0.012 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:202 Resp: 1018

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	27.6
203	29.1	0.0	37.8



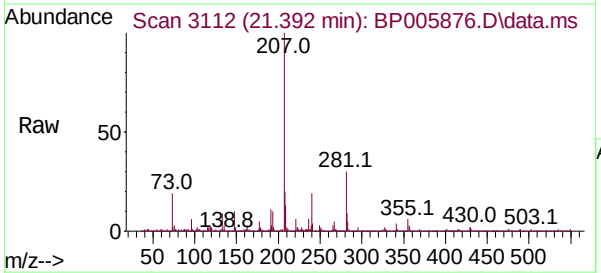
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

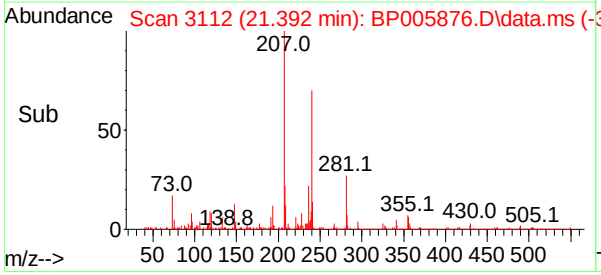


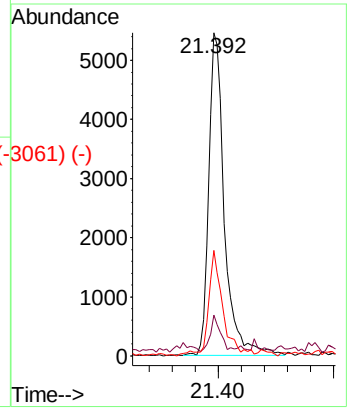
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

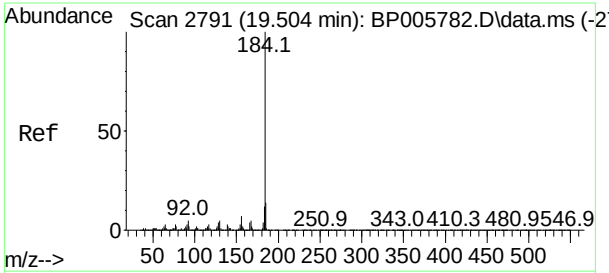
Tgt Ion:240 Resp: 10321

Ion	Ratio	Lower	Upper
240	100		
120	12.6	6.5	9.7#
236	32.6	20.6	31.0#





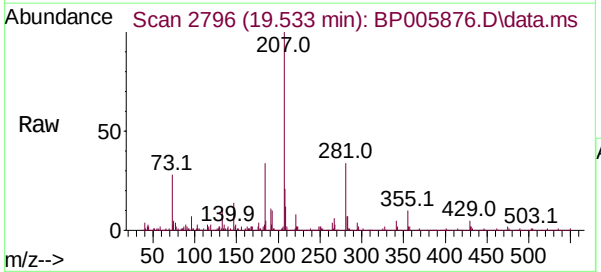


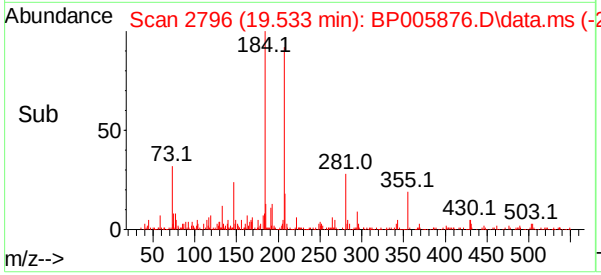


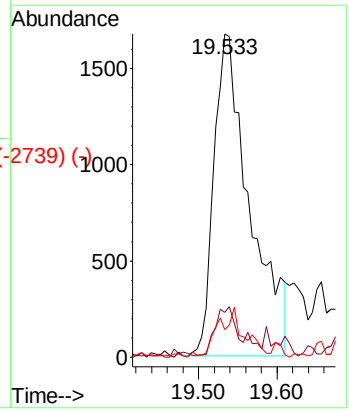
#77
Benzidine
Concen: 24.879 ng
RT: 19.533 min Scan# 2796
Delta R.T. 0.035 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:184 Resp: 5343

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.0	16.4
183	8.5	9.5	14.3#







Instrument :
BNA_P
ClientSampleId :
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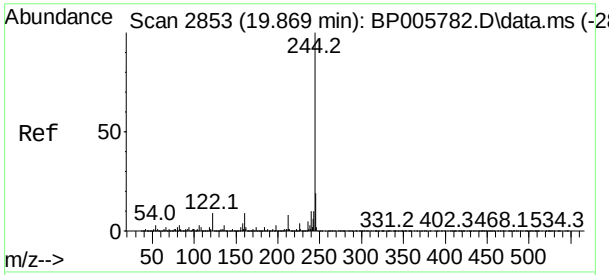
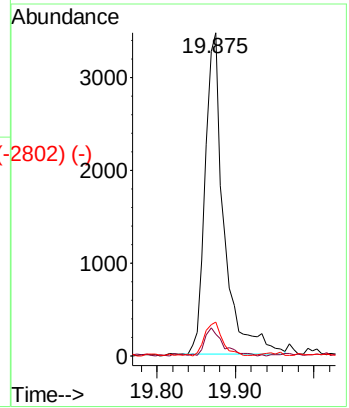
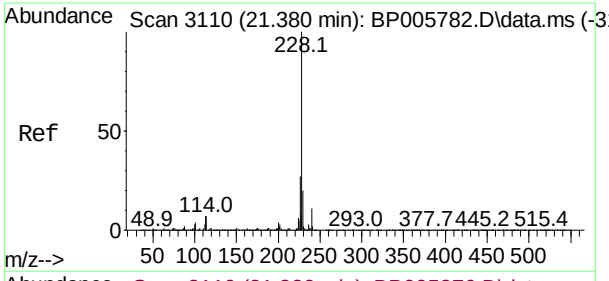


#79
Terphenyl-d14
Concen: 10.385 ng
RT: 19.875 min Scan# 2854
Delta R.T. 0.006 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:244 Resp: 5724

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	10.5	7.1	10.7

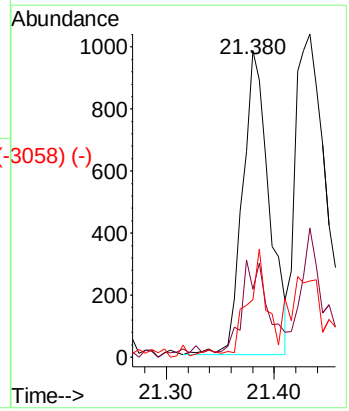




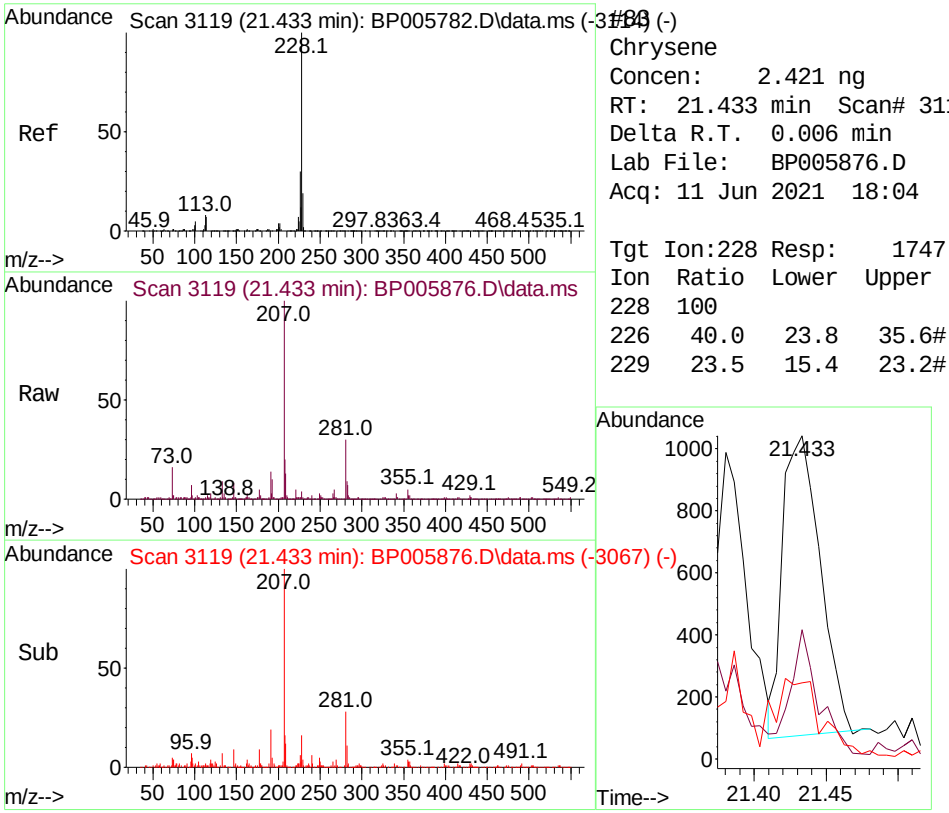
#82
Benzo(a)anthracene
Concen: 2.238 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.006 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:228 Resp: 1667

Ion	Ratio	Lower	Upper
228	100		
226	22.0	21.6	32.4
229	18.8	15.8	23.6



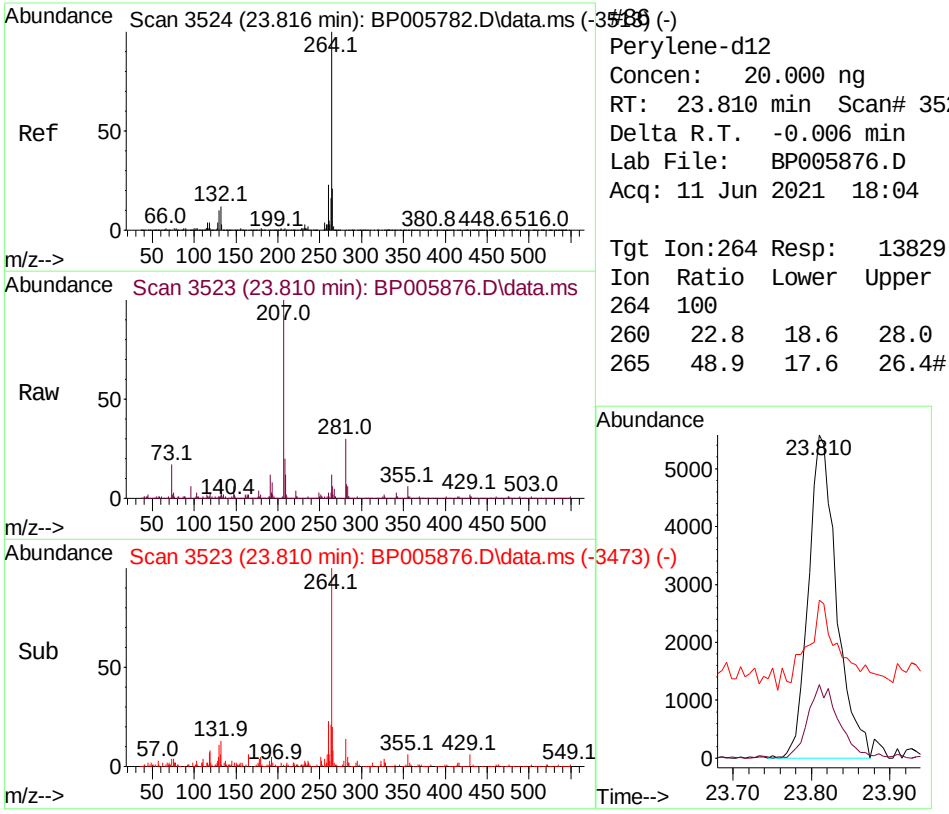
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)



#80
Chrysene
Concen: 2.421 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:228 Resp: 1747

Ion	Ratio	Lower	Upper
228	100		
226	40.0	23.8	35.6#
229	23.5	15.4	23.2#

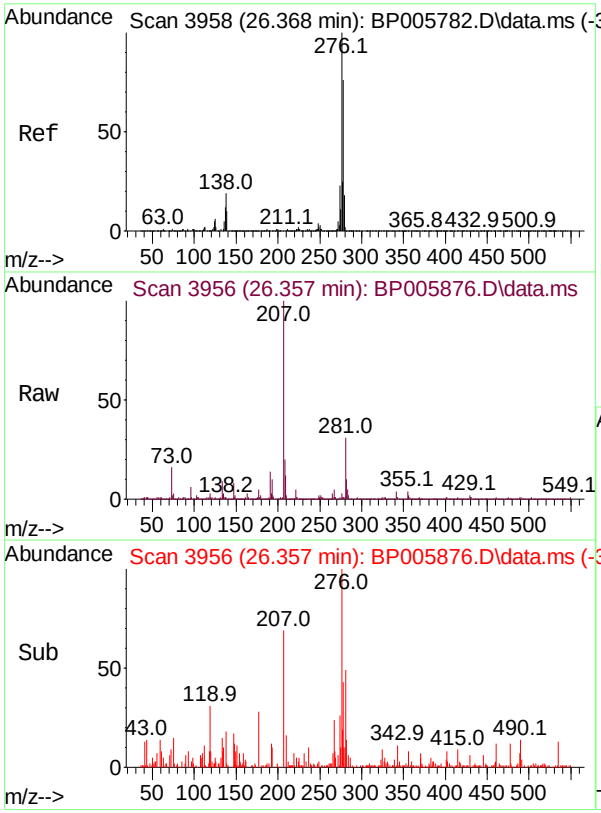


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.810 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:264 Resp: 13829

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	48.9	17.6	26.4#

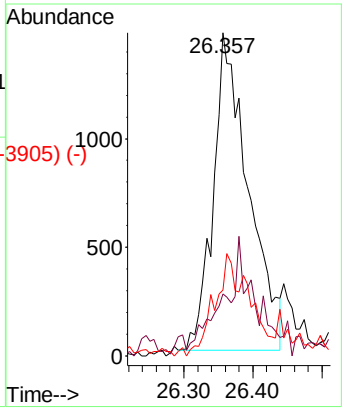
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

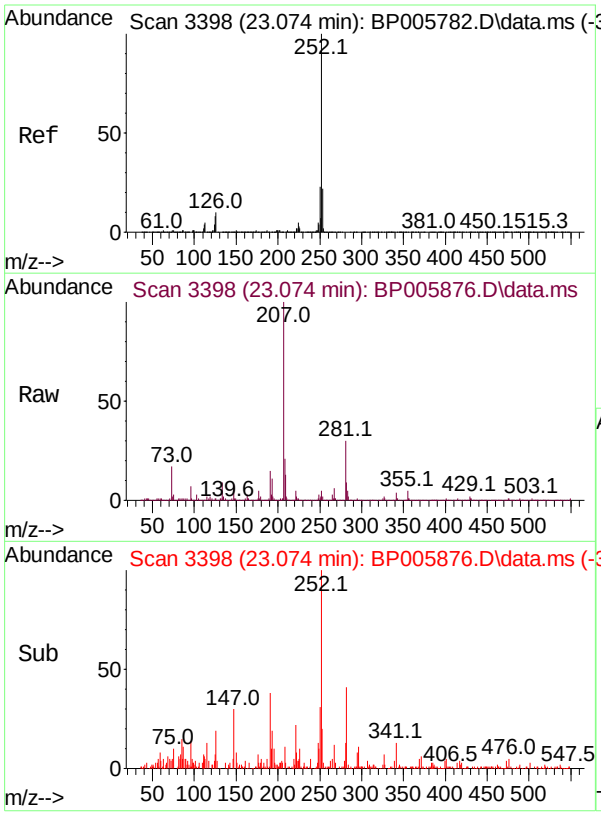


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.370 ng
RT: 26.357 min Scan# 3956
Delta R.T. -0.000 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:276 Resp: 5168

Ion	Ratio	Lower	Upper
276	100		
138	11.3	15.3	22.9#
277	20.0	20.4	30.6#

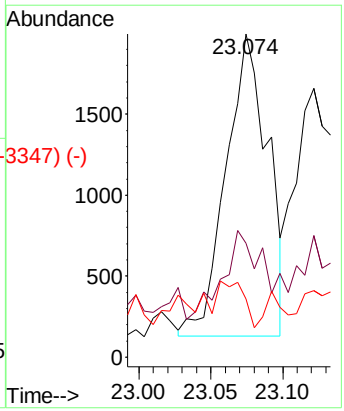




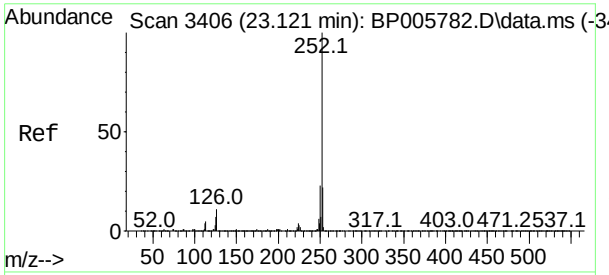
#88
Benzo(b)fluoranthene
Concen: 3.964 ng
RT: 23.074 min Scan# 3398
Delta R.T. -0.000 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:252 Resp: 3755

Ion	Ratio	Lower	Upper
252	100		
253	35.3	17.5	26.3#
125	18.0	6.2	9.4#



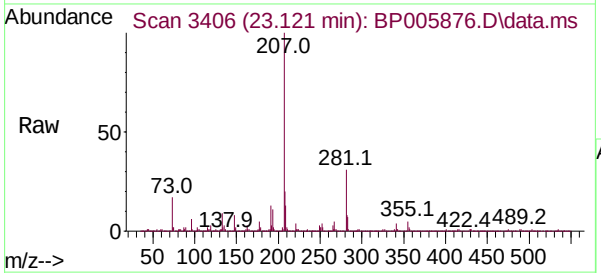
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

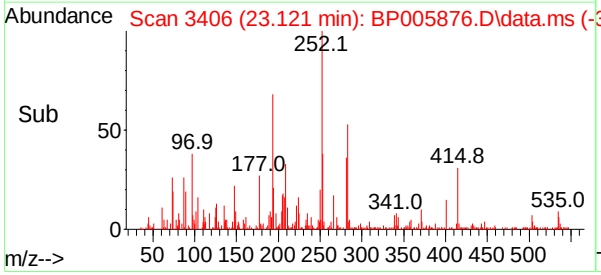


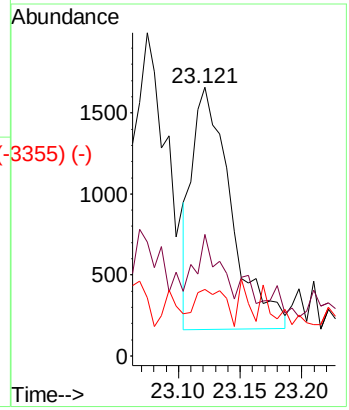
#89
Benzo(k)fluoranthene
Concen: 3.586 ng
RT: 23.121 min Scan# 3406
Delta R.T. -0.000 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

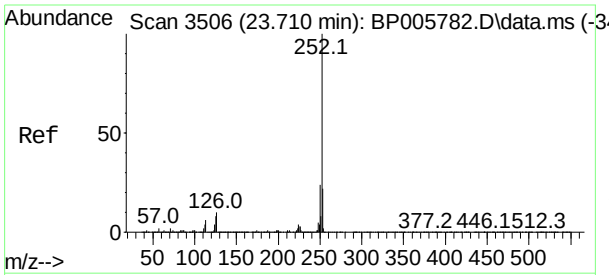
Tgt Ion:252 Resp: 3294

Ion	Ratio	Lower	Upper
252	100		
253	45.2	17.6	26.4#
125	24.8	6.0	9.0#





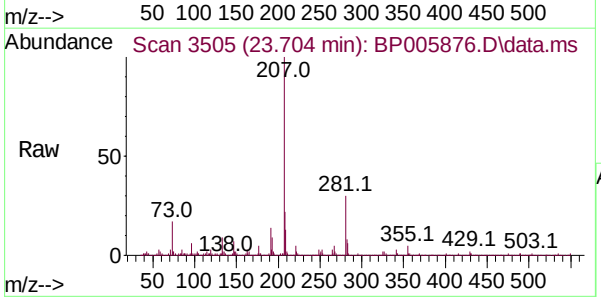


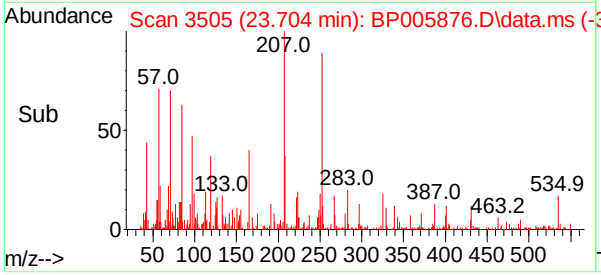


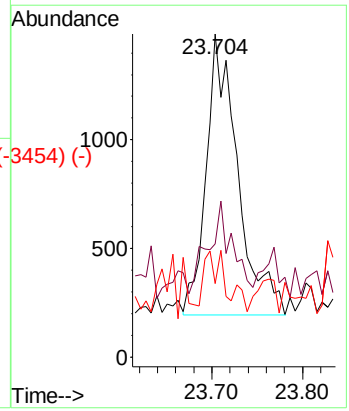
#90
Benzo(a)pyrene
Concen: 3.494 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.000 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:252 Resp: 3111

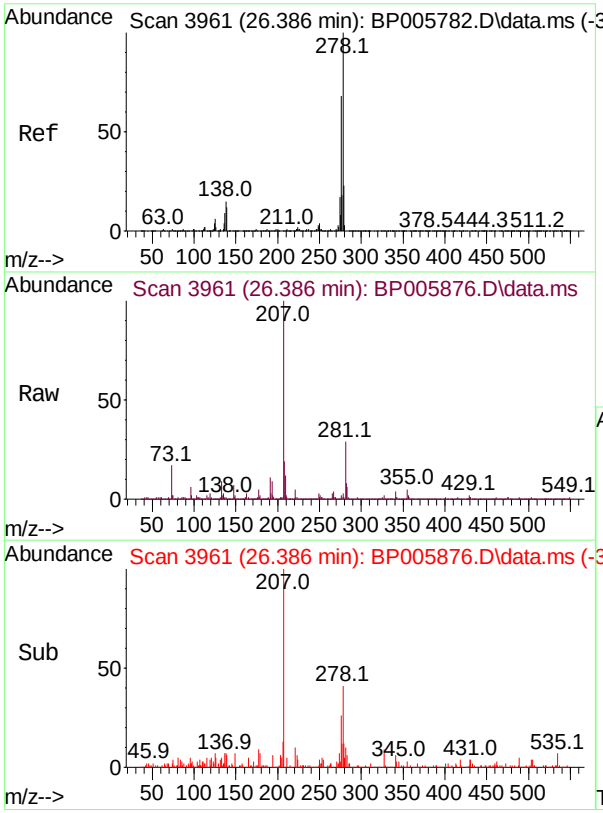
Ion	Ratio	Lower	Upper
252	100		
253	35.0	17.9	26.9#
125	36.6	6.5	9.7#







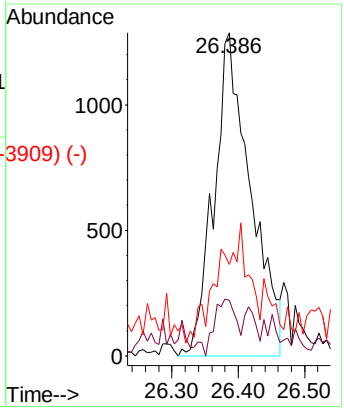
Instrument :
BNA_P
ClientSampleId :
18-B12(114-118)

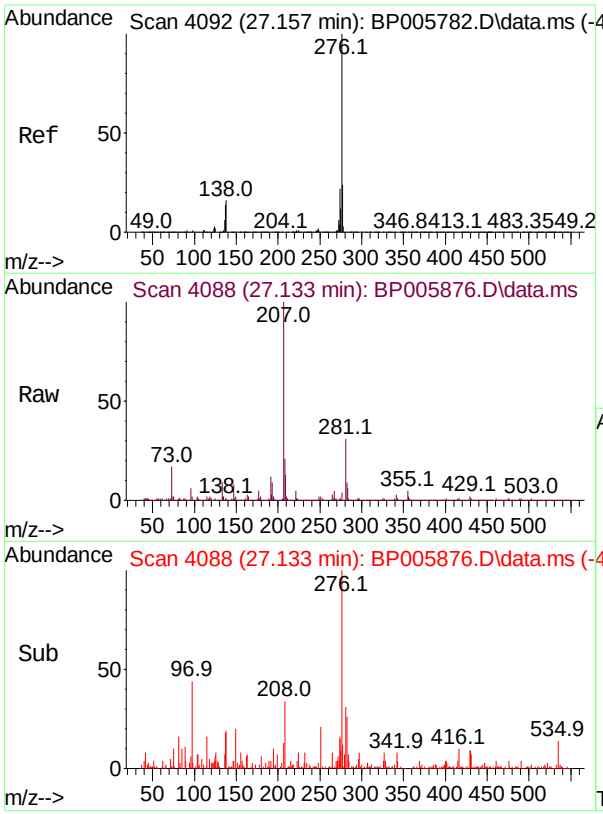


#91
Dibenzo(a,h)anthracene
Concen: 4.835 ng
RT: 26.386 min Scan# 3961
Delta R.T. 0.006 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:278 Resp: 4921

Ion	Ratio	Lower	Upper
278	100		
139	17.2	9.3	13.9#
279	28.4	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 7.037 ng
RT: 27.133 min Scan# 4088
Delta R.T. -0.018 min
Lab File: BP005876.D
Acq: 11 Jun 2021 18:04

Tgt Ion:276 Resp: 7076

Ion	Ratio	Lower	Upper
276	100		
277	13.3	18.9	28.3#
138	19.4	12.6	18.8#