Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061121\
Data File : BP005870.D
Acq On : 11 Jun 2021 14:40
Operator : CG/JU
Sample : M2612-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B12(14-18)

Quant Time: Jun 11 15:09:11 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	70021	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	254900	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	160653	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	326117	20.000	ng	0.00
76) Chrysene-d12	21.386	240	349639	20.000	ng	0.00
86) Perylene-d12	23.804	264	417343	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	567155	129.971	ng	0.00
7) Phenol-d6	7.116	99	600497	106.170	ng	0.00
23) Nitrobenzene-d5	9.110	82	475047	91.370	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	372389	135.074	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	1073945	87.781	ng	0.00
79) Terphenyl-d14	19.863	244	1709204	91.536	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.063	122	31	6.329	ng	# 1
41) Hexachlorocyclopentadiene	12.734	237	7	5.506	ng	83
54) 2,4-Dinitrophenol	14.687	184	23	4.861	ng	# 44

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

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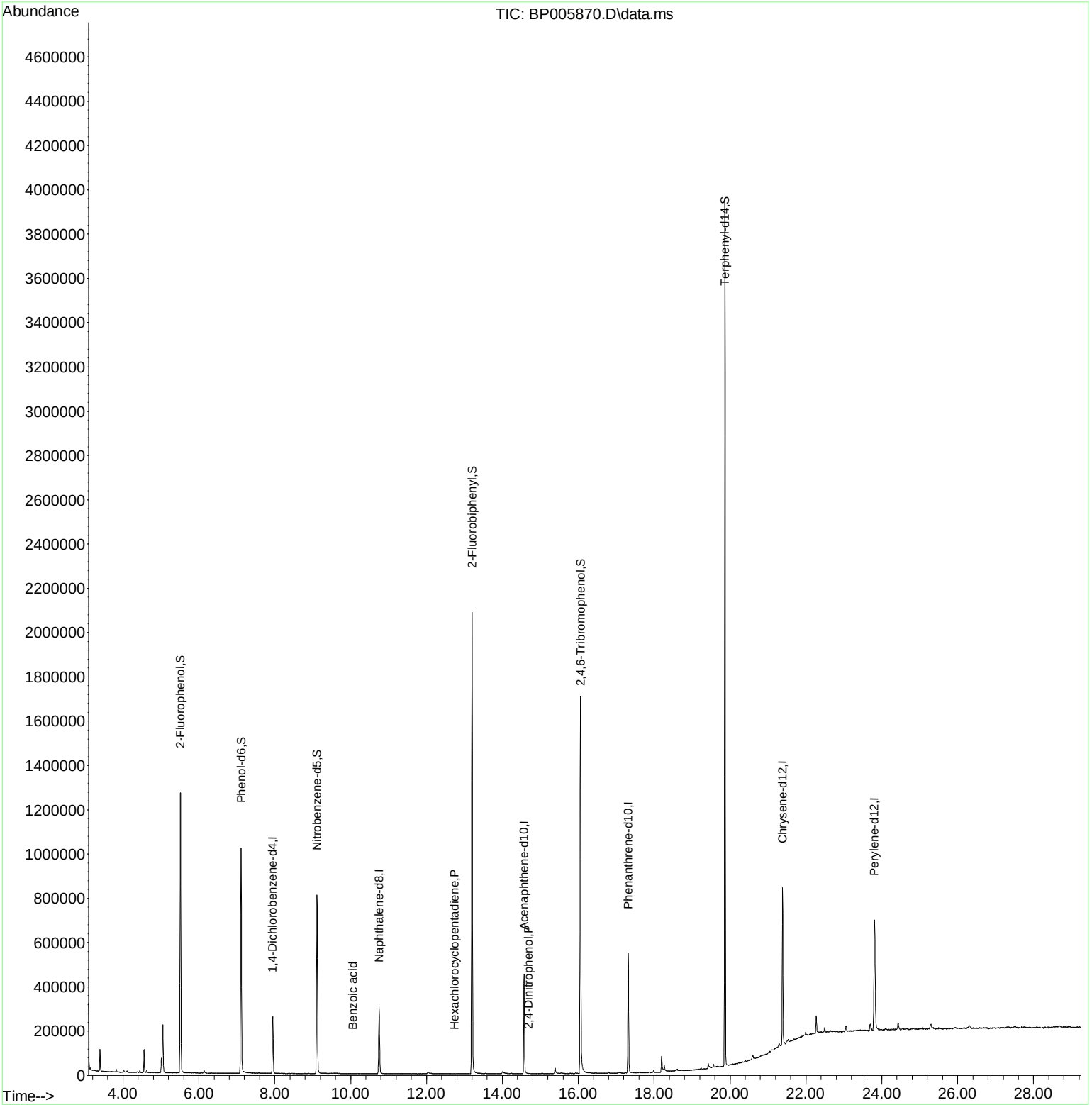
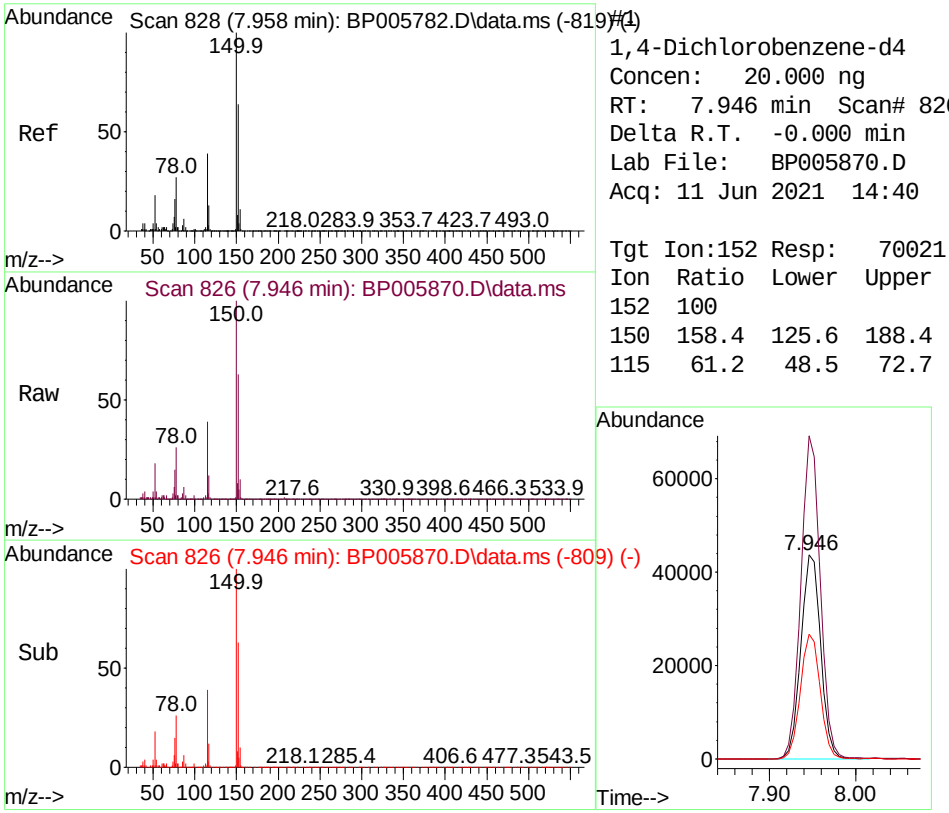


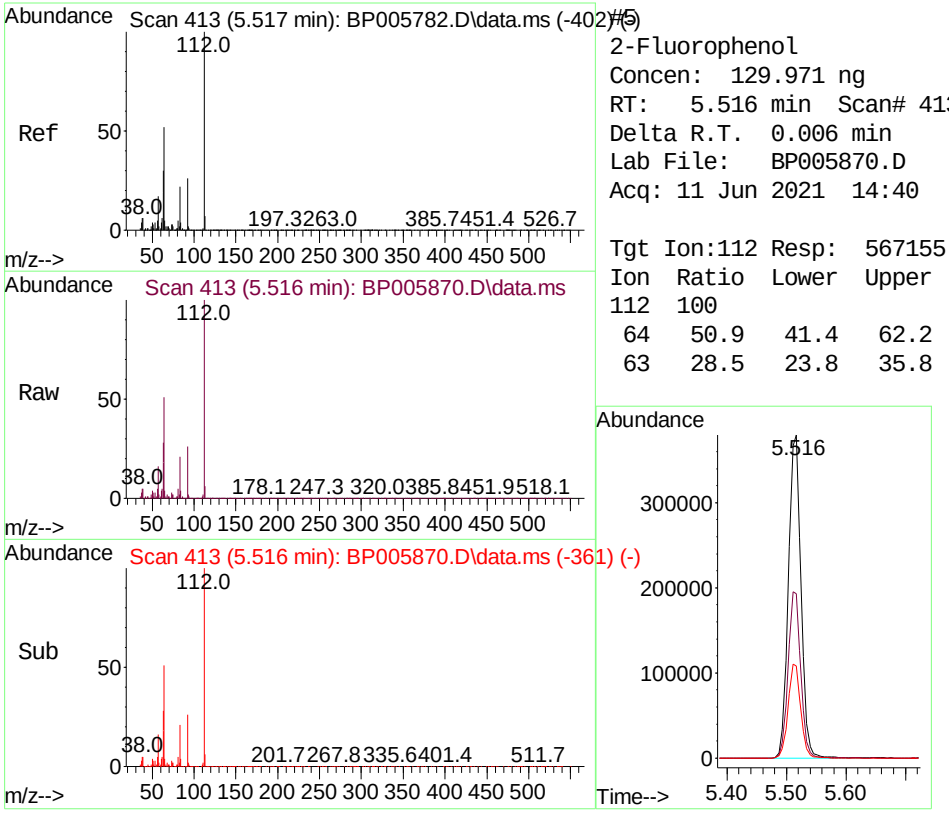
Instrument :
BNA_P
ClientSampleId :
18-B12(14-18)



#(1)
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.946 min Scan# 826
Delta R.T. -0.000 min
Lab File: BP005870.D
Acq: 11 Jun 2021 14:40

Tgt Ion:152 Resp: 70021

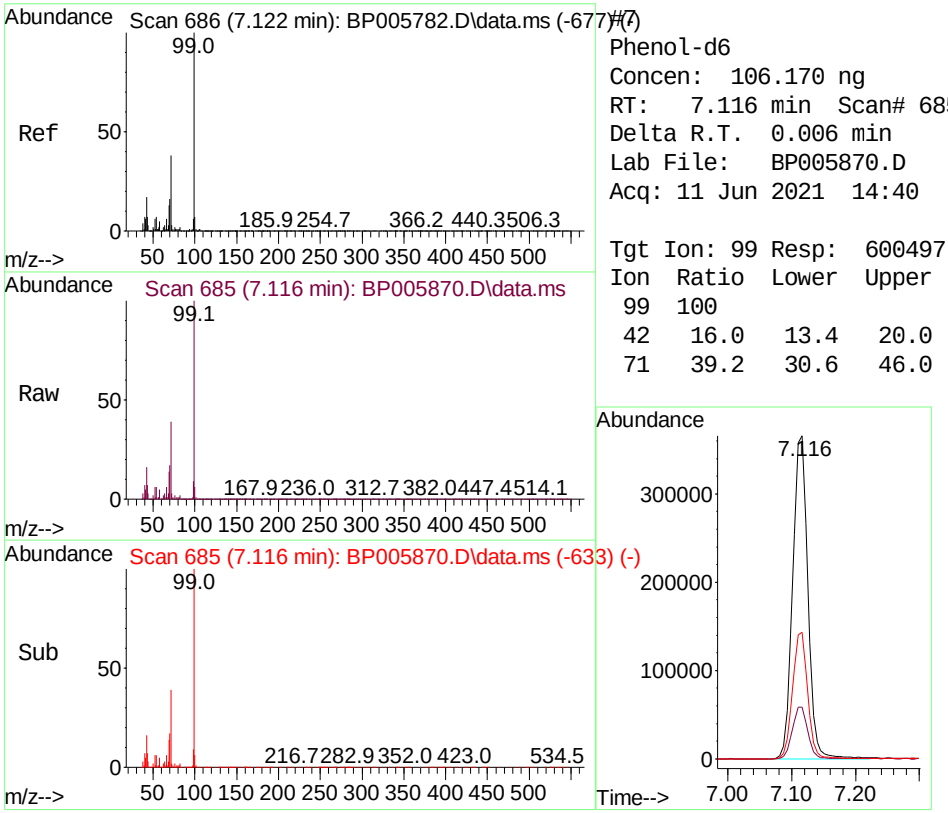
Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.6	188.4
115	61.2	48.5	72.7



#(5)
2-Fluorophenol
Concen: 129.971 ng
RT: 5.516 min Scan# 413
Delta R.T. 0.006 min
Lab File: BP005870.D
Acq: 11 Jun 2021 14:40

Tgt Ion:112 Resp: 567155

Ion	Ratio	Lower	Upper
112	100		
64	50.9	41.4	62.2
63	28.5	23.8	35.8

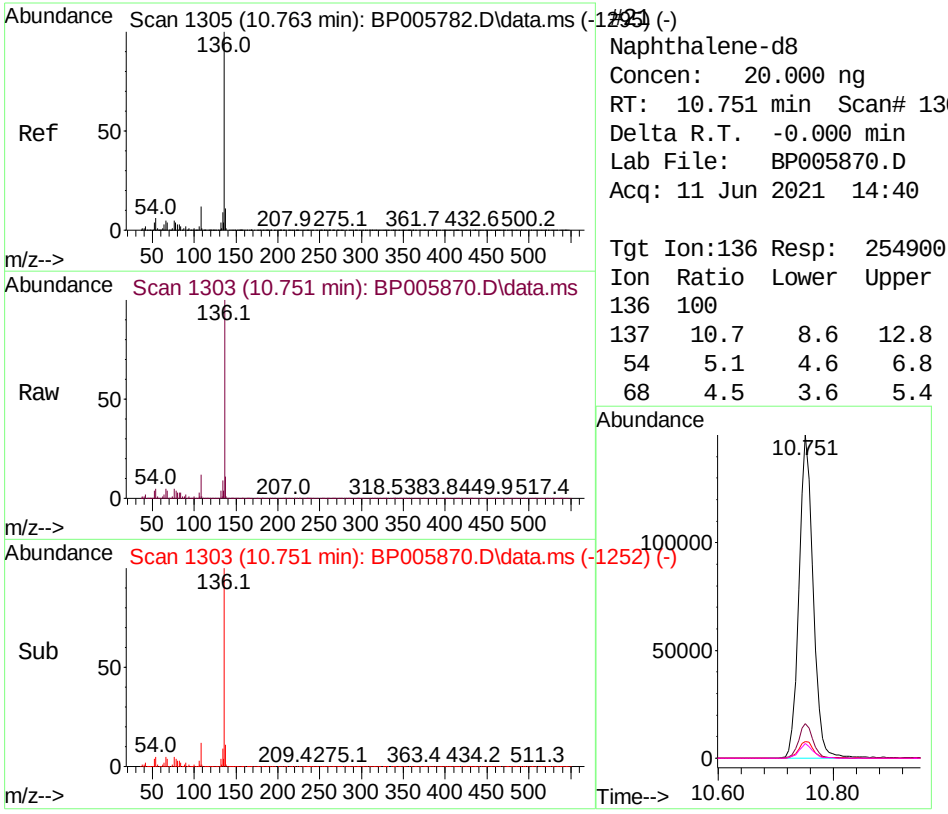


#7
Phenol-d6
Concen: 106.170 ng
RT: 7.116 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP005870.D
Acq: 11 Jun 2021 14:40

Tgt Ion: 99 Resp: 600497

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.4	20.0
71	39.2	30.6	46.0

Instrument :
BNA_P
ClientSampleId :
18-B12(14-18)

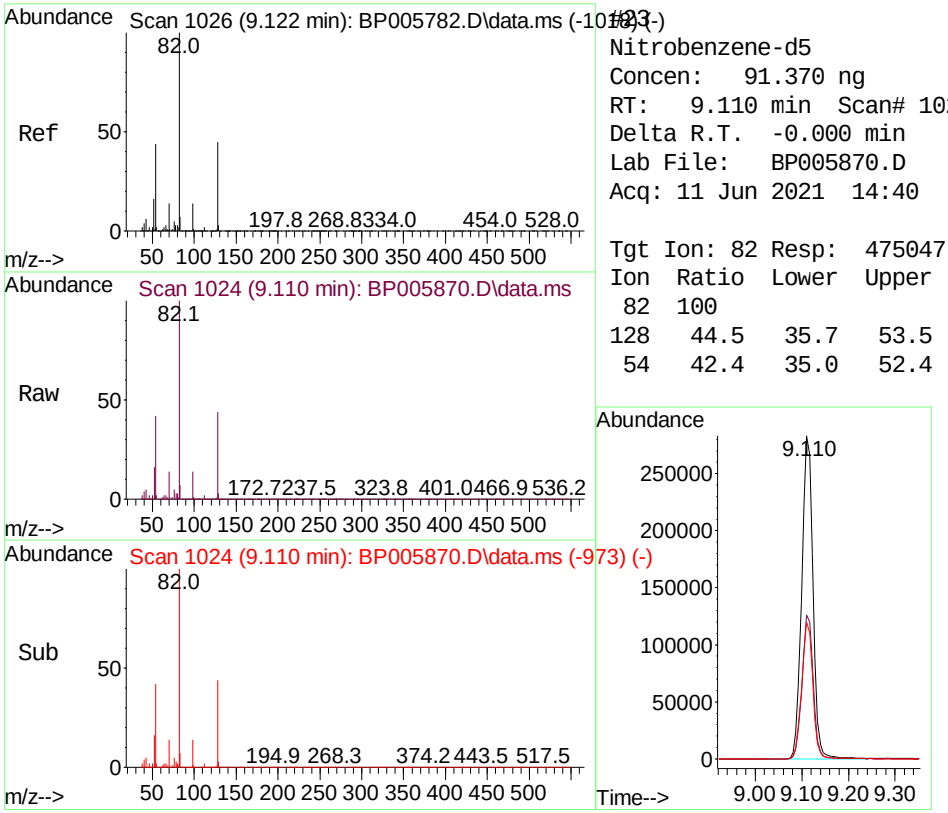


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BP005870.D
Acq: 11 Jun 2021 14:40

Tgt Ion:136 Resp: 254900

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	5.1	4.6	6.8
68	4.5	3.6	5.4

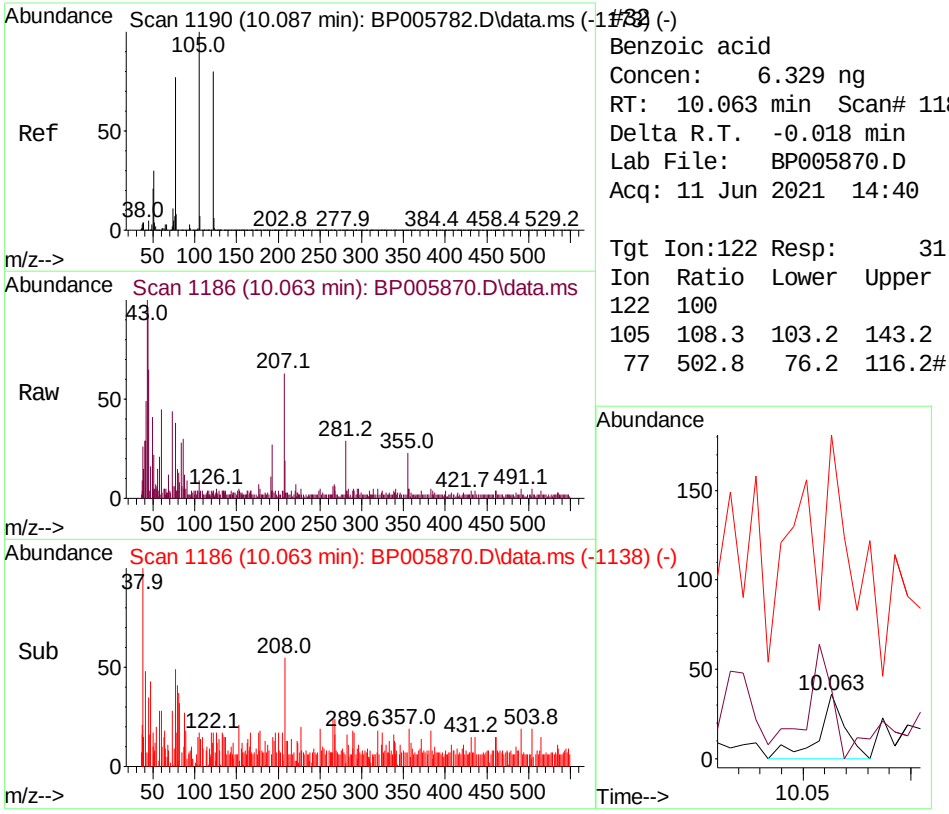
Instrument :
BNA_P
ClientSampleId :
18-B12(14-18)



#23
Nitrobenzene-d5
Concen: 91.370 ng
RT: 9.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BP005870.D
Acq: 11 Jun 2021 14:40

Tgt Ion: 82 Resp: 475047

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.7	53.5
54	42.4	35.0	52.4

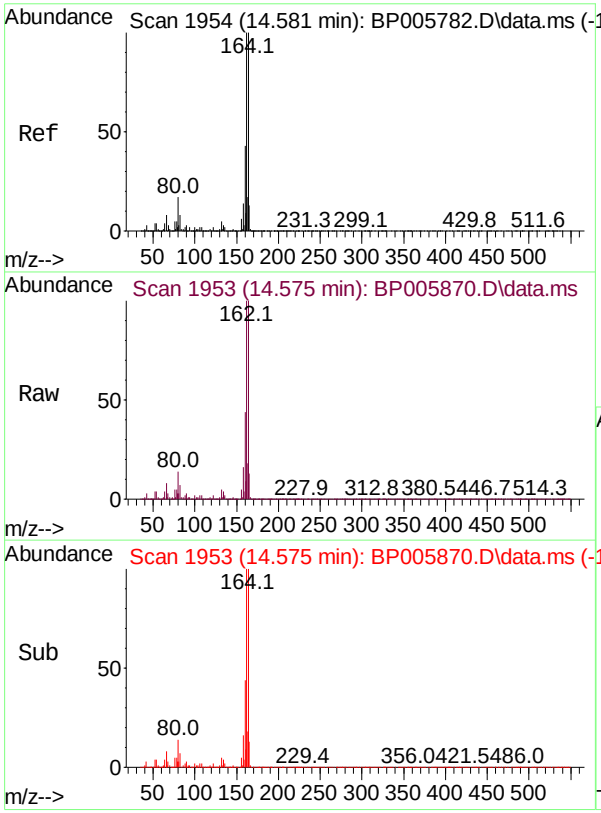


#32
Benzoic acid
Concen: 6.329 ng
RT: 10.063 min Scan# 1186
Delta R.T. -0.018 min
Lab File: BP005870.D
Acq: 11 Jun 2021 14:40

Tgt Ion:122 Resp: 31

Ion	Ratio	Lower	Upper
122	100		
105	108.3	103.2	143.2
77	502.8	76.2	116.2#

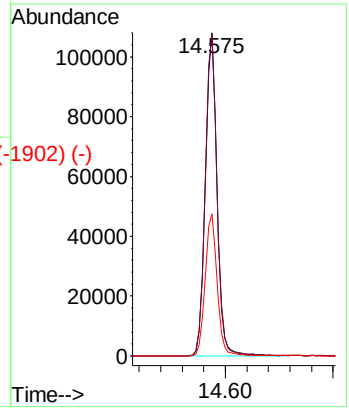
Instrument :
BNA_P
ClientSampleId :
18-B12(14-18)

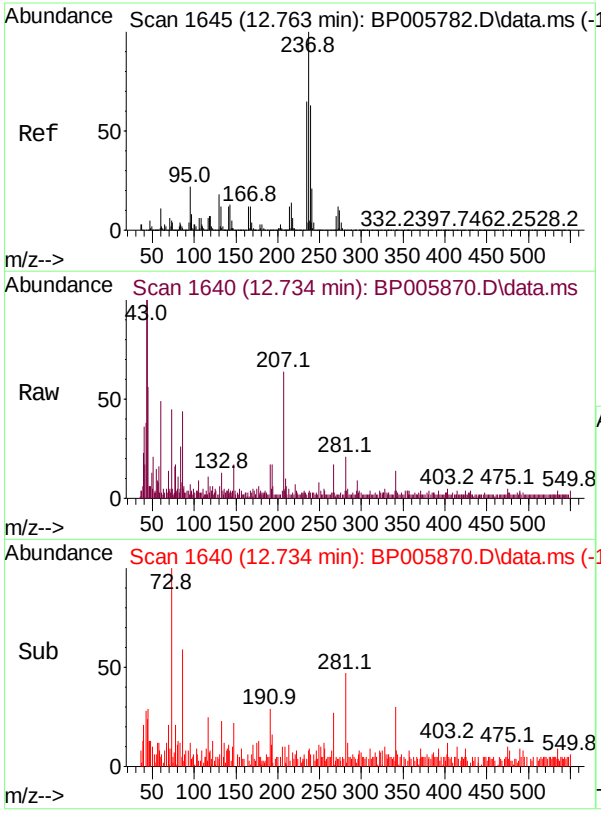


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP005870.D
Acq: 11 Jun 2021 14:40

Tgt Ion:164 Resp: 160653

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.2
160	44.0	34.5	51.7

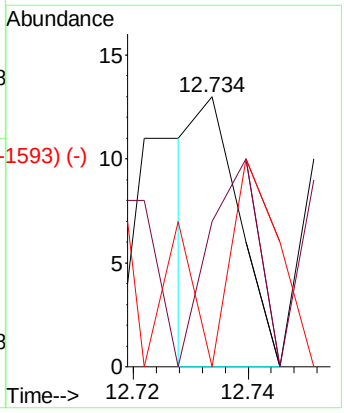




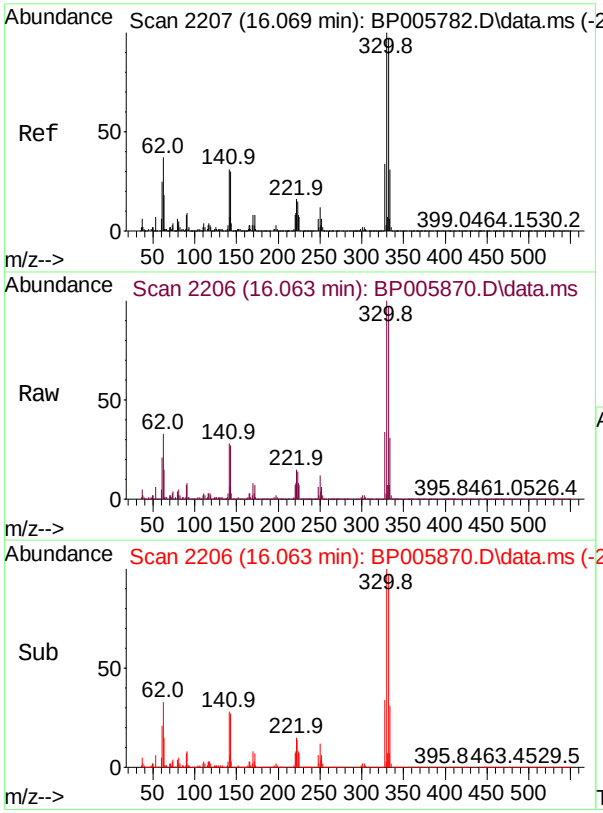
#41
Hexachlorocyclopentadiene
Concen: 5.506 ng
RT: 12.734 min Scan# 1640
Delta R.T. -0.024 min
Lab File: BP005870.D
Acq: 11 Jun 2021 14:40

Tgt Ion:237 Resp: 7

Ion	Ratio	Lower	Upper
237	100		
235	53.8	44.5	84.5
272	0.0	0.0	32.5



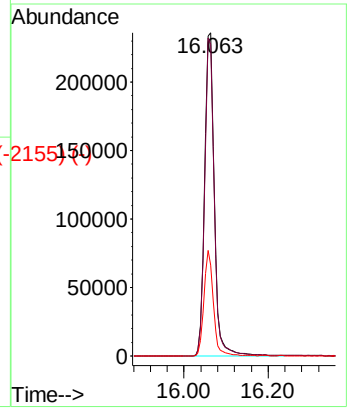
Instrument :
BNA_P
ClientSampleId :
18-B12(14-18)

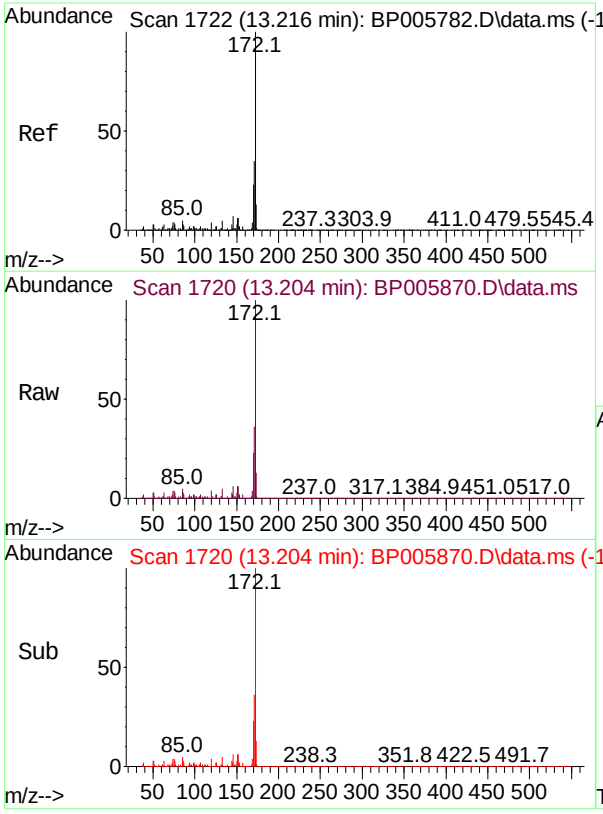


#42
2,4,6-Tribromophenol
Concen: 135.074 ng
RT: 16.063 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BP005870.D
Acq: 11 Jun 2021 14:40

Tgt Ion:330 Resp: 372389

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.8
141	31.6	25.4	38.2

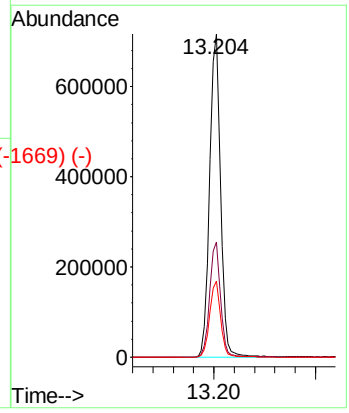




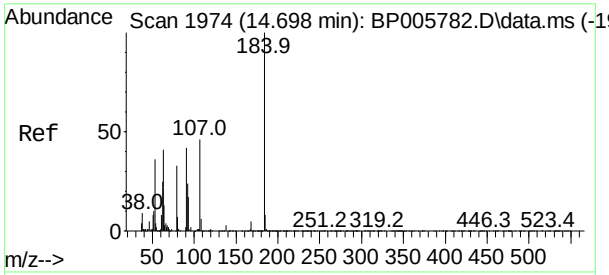
#45
2-Fluorobiphenyl
Concen: 87.781 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BP005870.D
Acq: 11 Jun 2021 14:40

Tgt Ion:172 Resp: 1073945

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	23.5	18.6	27.8



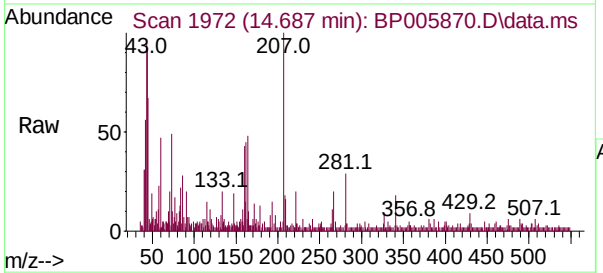
Instrument :
BNA_P
ClientSampleId :
18-B12(14-18)

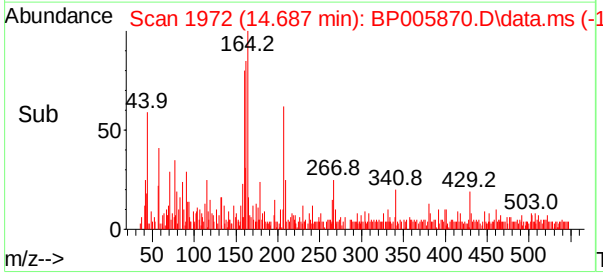


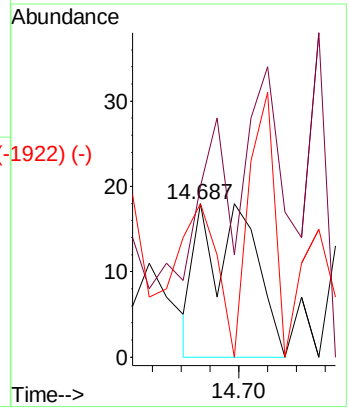
#54
2,4-Dinitrophenol
Concen: 4.861 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP005870.D
Acq: 11 Jun 2021 14:40

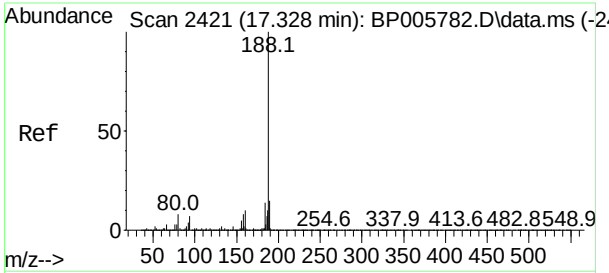
Tgt Ion:184 Resp: 23

Ion	Ratio	Lower	Upper
184	100		
63	111.1	47.0	70.6#
154	100.0	52.3	78.5#





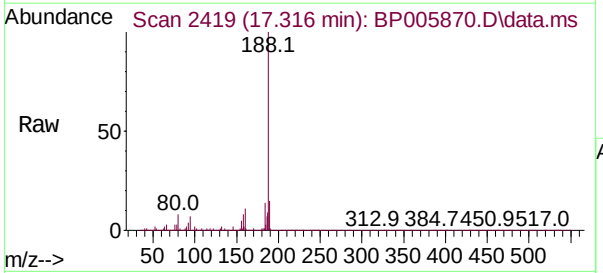


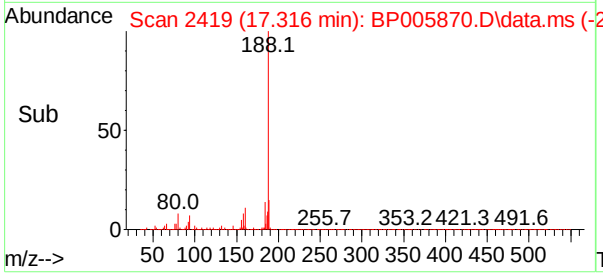


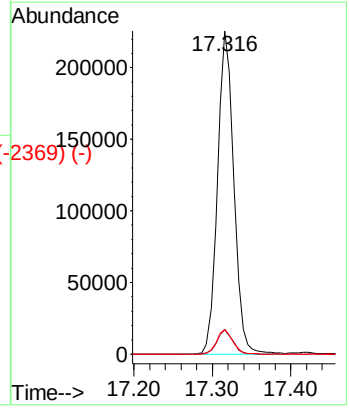
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP005870.D
Acq: 11 Jun 2021 14:40

Tgt Ion:188 Resp: 326117

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.6	8.4
80	7.6	6.3	9.5







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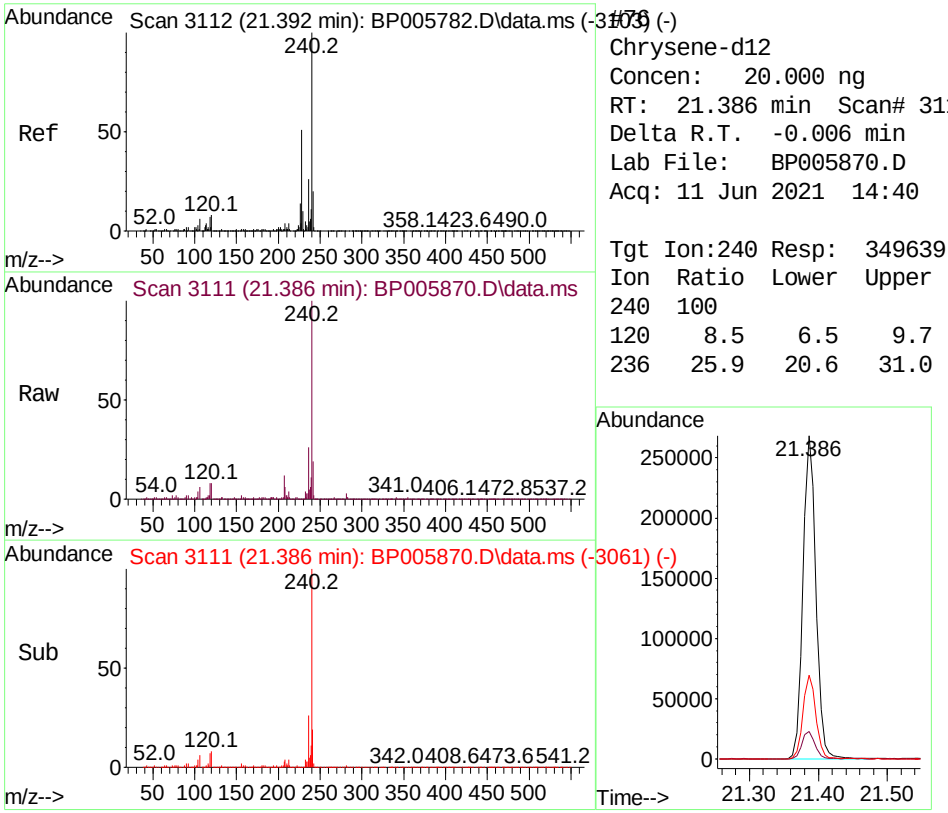
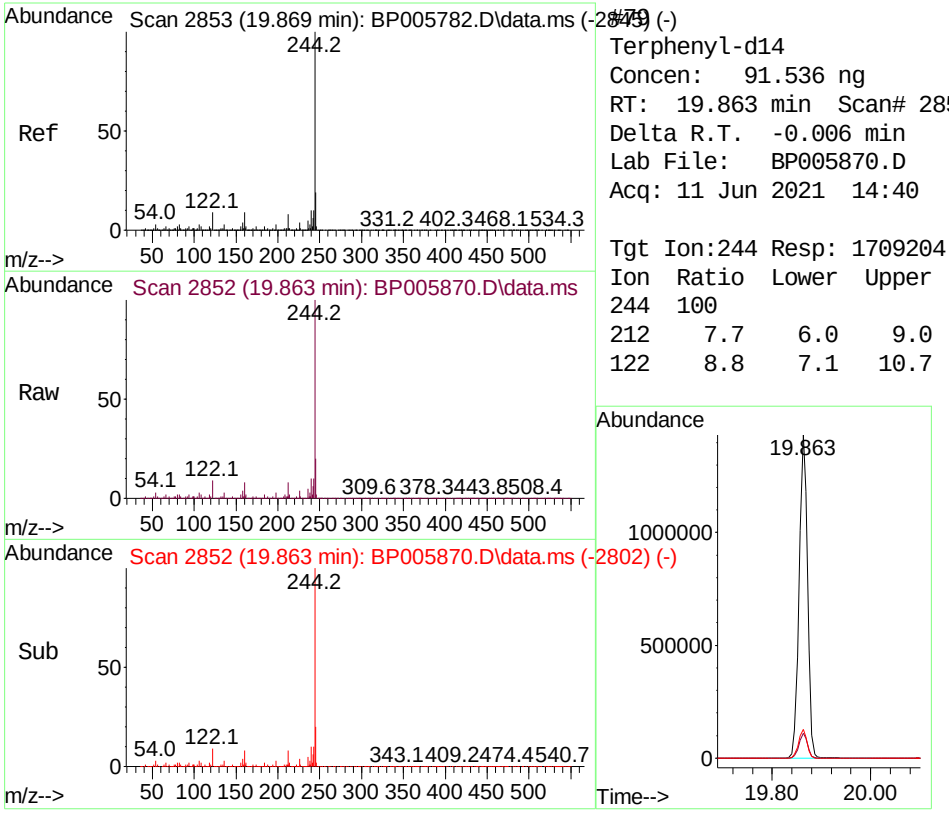


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP005870.D
Acq: 11 Jun 2021 14:40

Tgt Ion:240 Resp: 349639

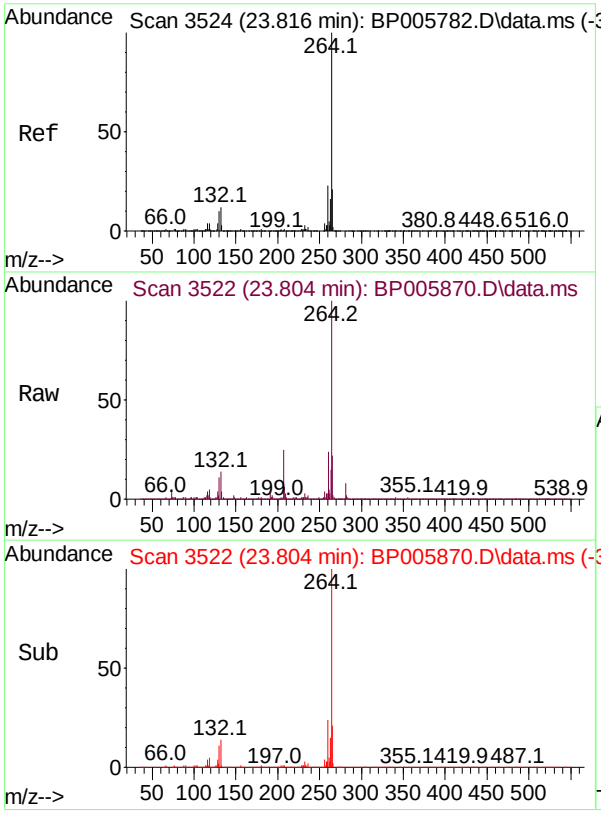
Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.5	9.7
236	25.9	20.6	31.0



#79
Terphenyl-d14
Concen: 91.536 ng
RT: 19.863 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP005870.D
Acq: 11 Jun 2021 14:40

Tgt Ion:244 Resp: 1709204

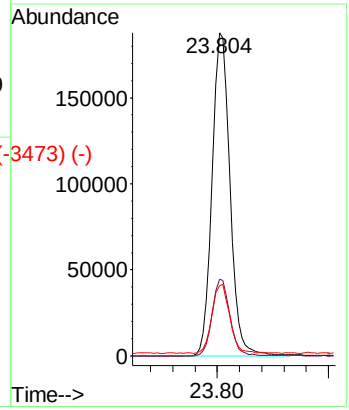
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	8.8	7.1	10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.804 min Scan# 3522
Delta R.T. -0.012 min
Lab File: BP005870.D
Acq: 11 Jun 2021 14:40

Tgt Ion:264 Resp: 417343

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.7	17.6	26.4



Instrument :
BNA_P
ClientSampleId :
18-B12(14-18)