Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
Data File : BP005772.D
Acq On : 08 Jun 2021 09:52
Operator : CG/JU
Sample : M2603-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FAM4-WC3

Quant Time: Jun 08 10:42:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 12:13:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	88911	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	331871	20.000	ng	-0.01
39) Acenaphthene-d10	14.587	164	209074	20.000	ng	-0.02
64) Phenanthrene-d10	17.334	188	487343	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	641556	20.000	ng	#-0.02
86) Perylene-d12	23.821	264	654939	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	814438	142.415	ng	0.00
7) Phenol-d6	7.134	99	885493	113.582	ng	0.00
23) Nitrobenzene-d5	9.134	82	654138	109.618	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	565634	210.983	ng	-0.02
45) 2-Fluorobiphenyl	13.222	172	1449908	91.778	ng	-0.01
79) Terphenyl-d14	19.875	244	2875638	84.108	ng	-0.01
Target Compounds						Qvalue

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

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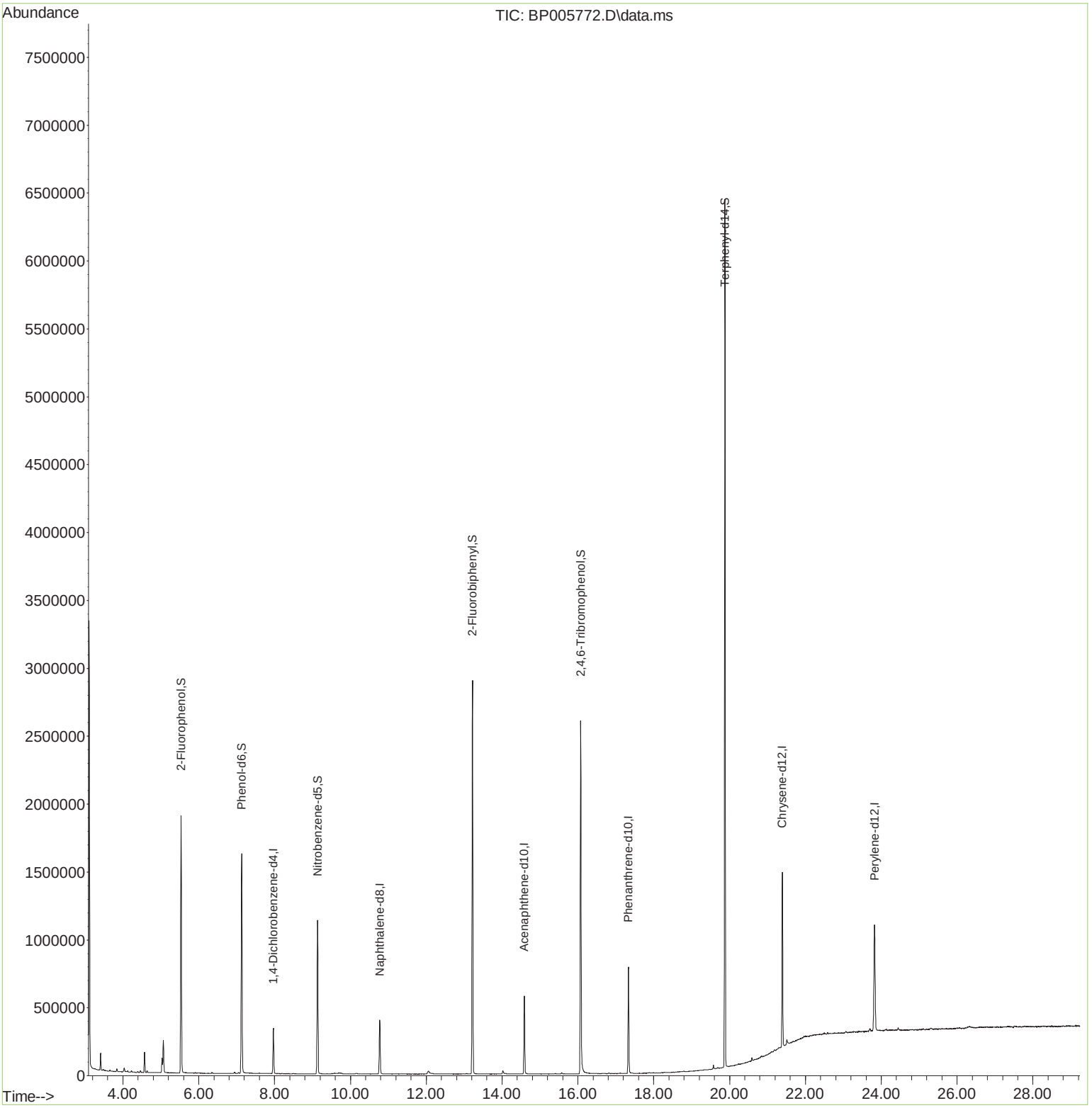
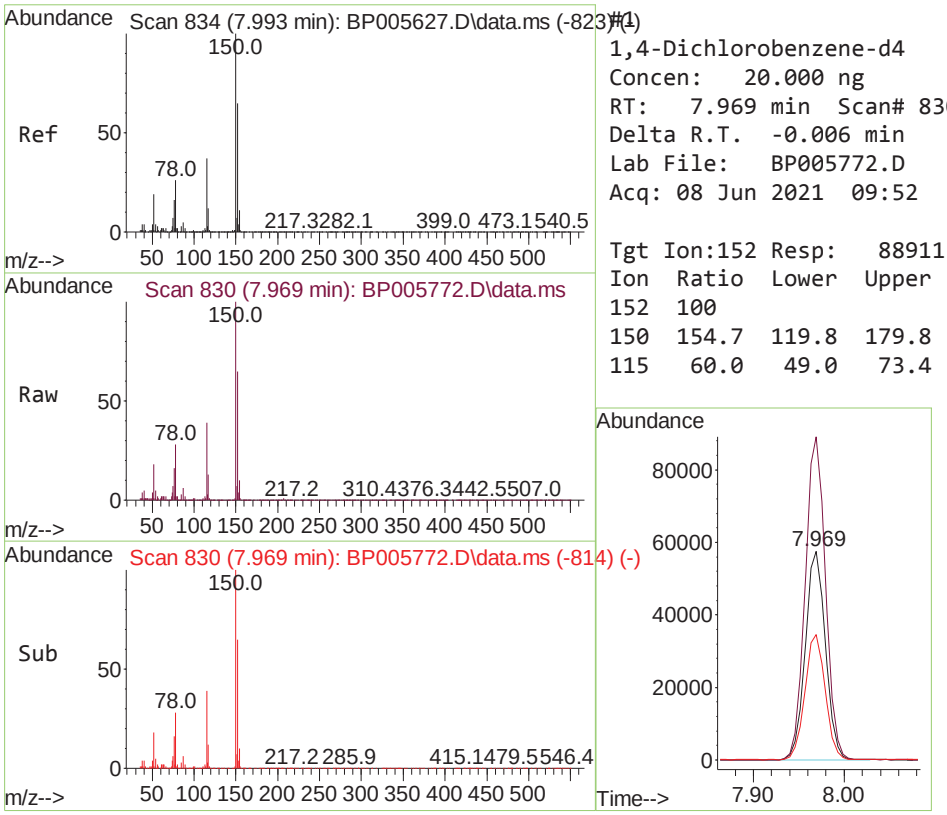


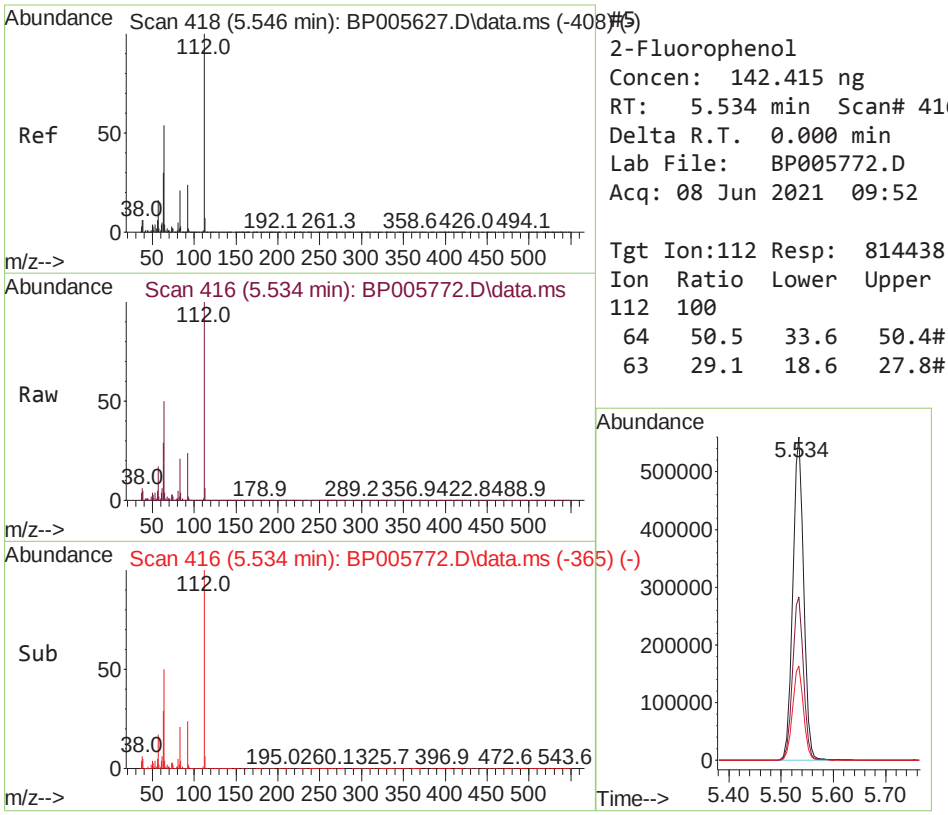
Instrument :
BNA_P
ClientSampleId :
FAM4-WC3



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BP005772.D
Acq: 08 Jun 2021 09:52

Tgt Ion:152 Resp: 88911

Ion	Ratio	Lower	Upper
152	100		
150	154.7	119.8	179.8
115	60.0	49.0	73.4

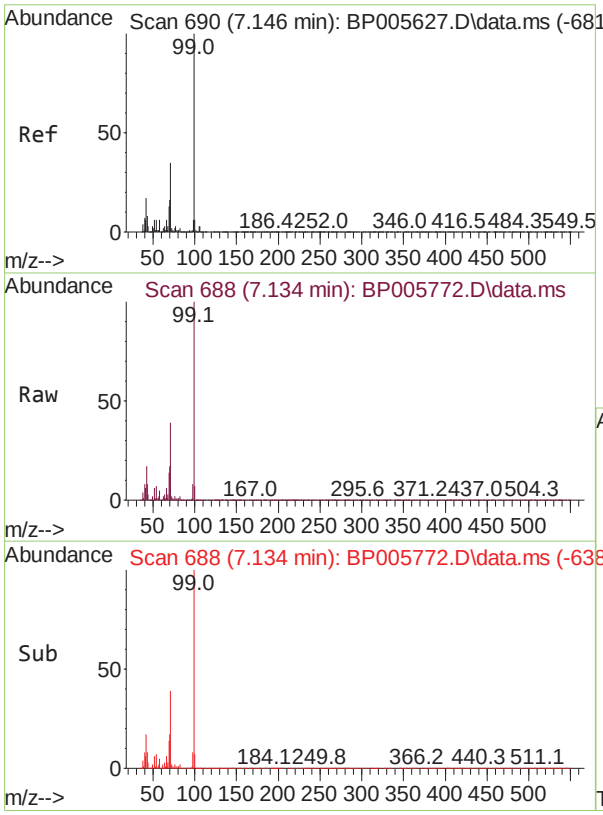


#5
2-Fluorophenol
Concen: 142.415 ng
RT: 5.534 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP005772.D
Acq: 08 Jun 2021 09:52

Tgt Ion:112 Resp: 814438

Ion	Ratio	Lower	Upper
112	100		
64	50.5	33.6	50.4#
63	29.1	18.6	27.8#

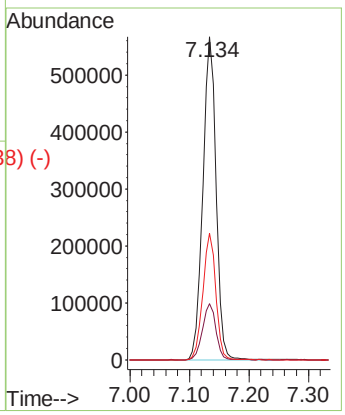
Instrument :
BNA_P
ClientSampleId :
FAM4-WC3

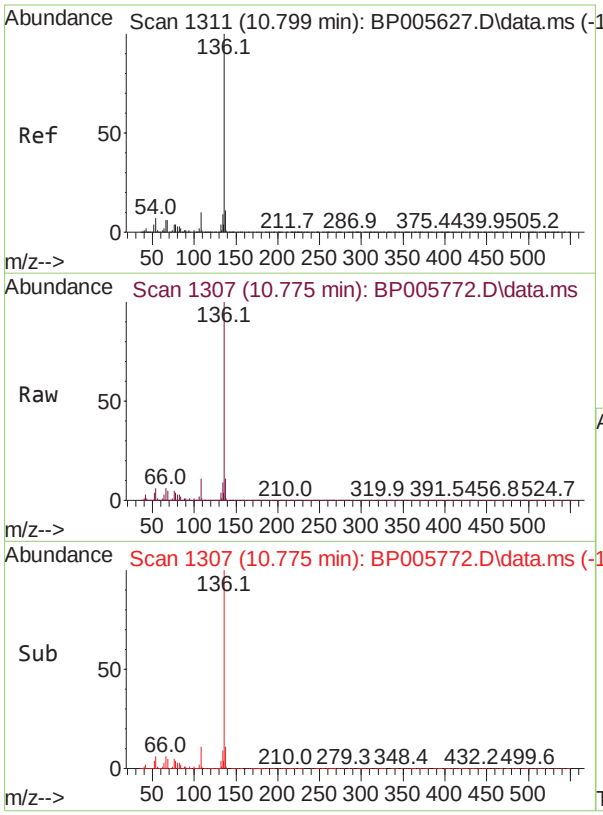


#7
Phenol-d6
Concen: 113.582 ng
RT: 7.134 min Scan# 688
Delta R.T. -0.006 min
Lab File: BP005772.D
Acq: 08 Jun 2021 09:52

Tgt Ion: 99 Resp: 885493

Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.9	19.3
71	39.1	26.7	40.1

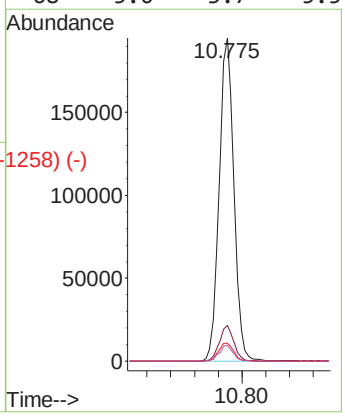




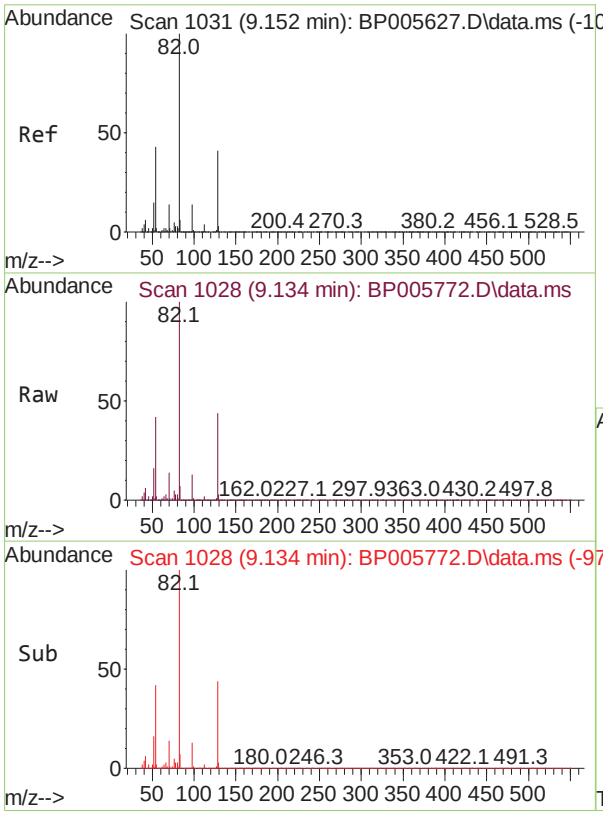
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP005772.D
Acq: 08 Jun 2021 09:52

Tgt Ion:136 Resp: 331871

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.6	5.0	7.4
68	5.0	3.7	5.5



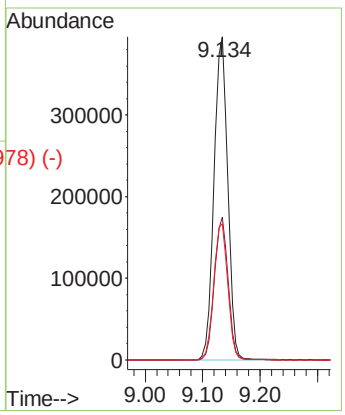
Instrument :
BNA_P
ClientSampleId :
FAM4-WC3

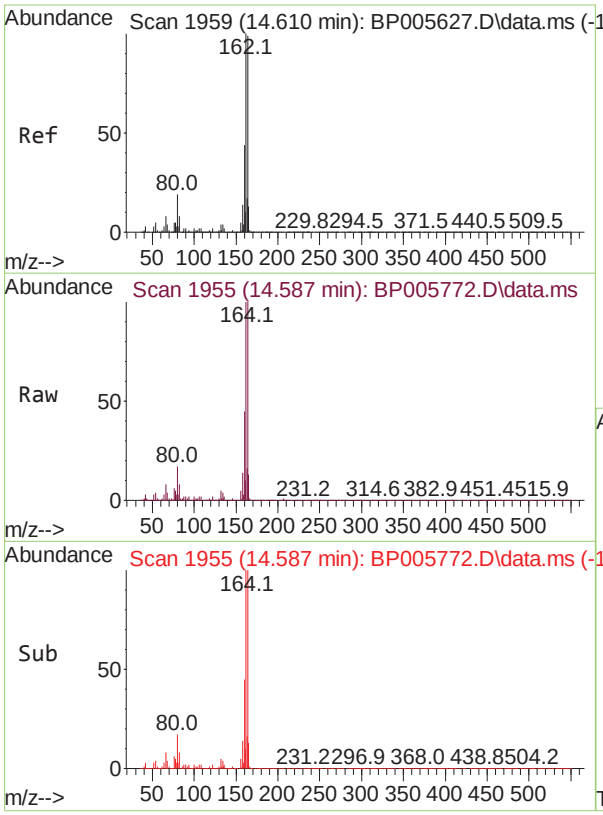


#23
Nitrobenzene-d5
Concen: 109.618 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP005772.D
Acq: 08 Jun 2021 09:52

Tgt Ion: 82 Resp: 654138

Ion	Ratio	Lower	Upper
82	100		
128	44.2	30.5	45.7
54	42.2	33.9	50.9

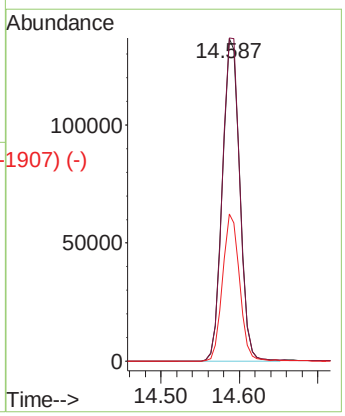




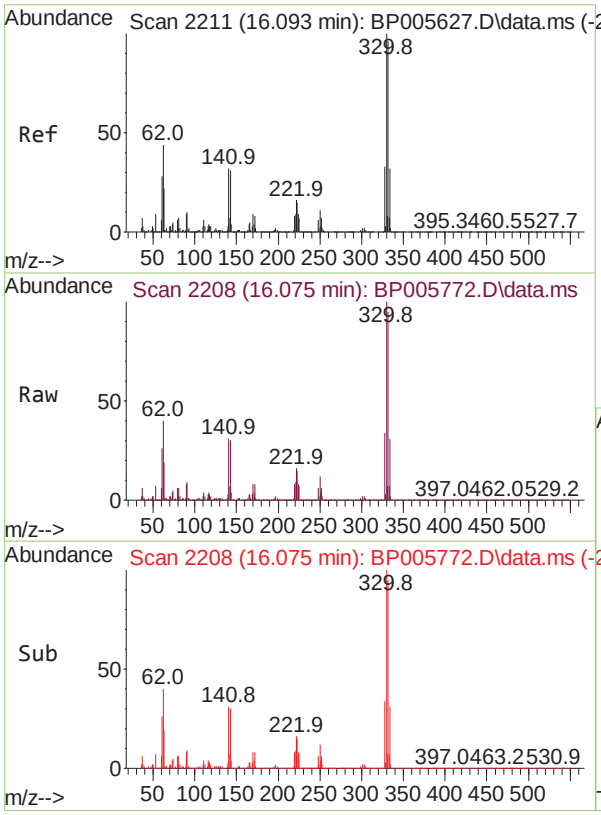
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.587 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP005772.D
Acq: 08 Jun 2021 09:52

Tgt Ion:164 Resp: 209074

Ion	Ratio	Lower	Upper
164	100		
162	100.2	73.5	110.3
160	45.6	40.6	61.0



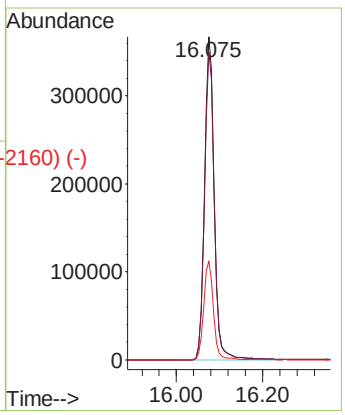
Instrument :
BNA_P
ClientSampleId :
FAM4-WC3

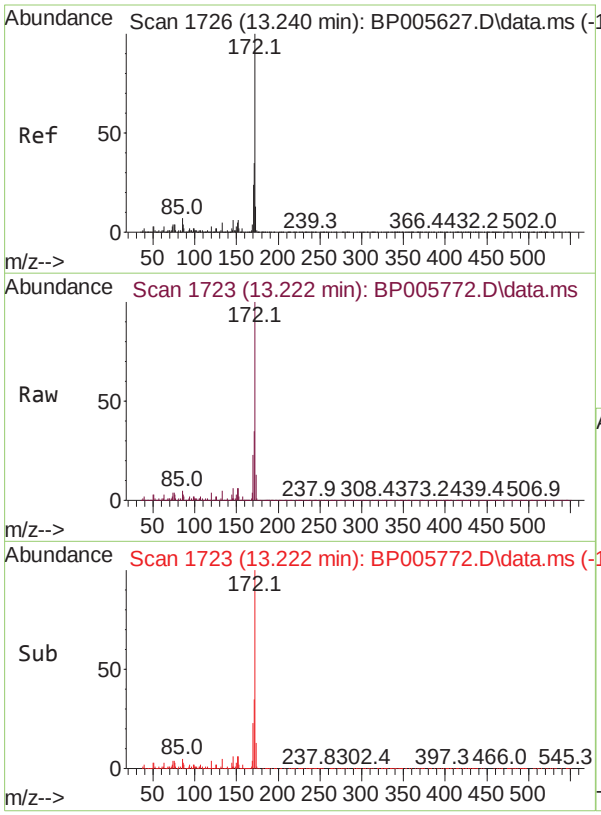


#42
2,4,6-Tribromophenol
Concen: 210.983 ng
RT: 16.075 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BP005772.D
Acq: 08 Jun 2021 09:52

Tgt Ion:330 Resp: 565634

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.3	114.5
141	30.9	22.8	34.2

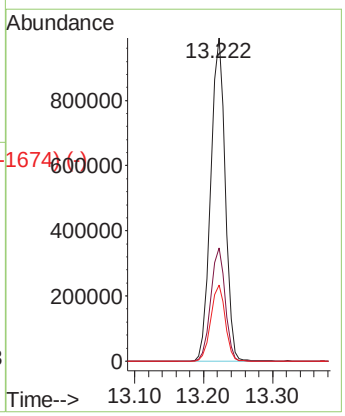




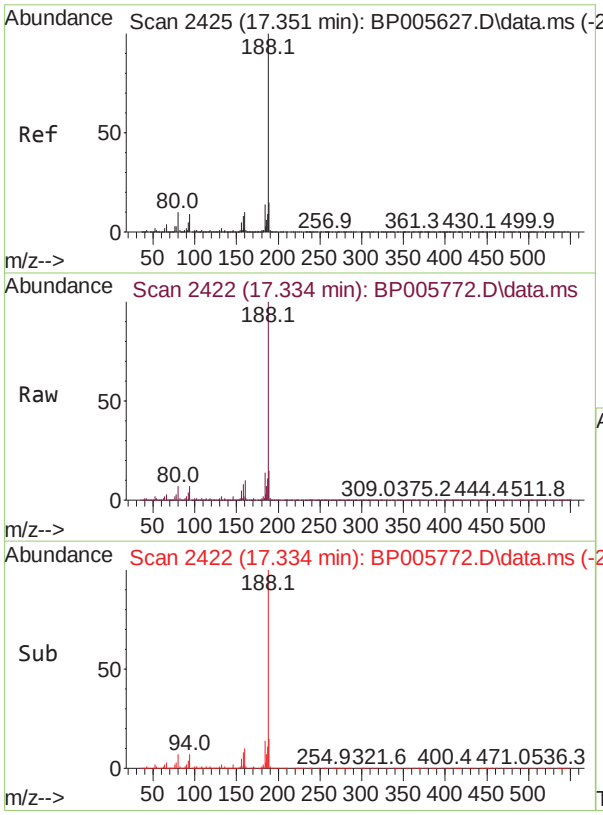
#45
2-Fluorobiphenyl
Concen: 91.778 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP005772.D
Acq: 08 Jun 2021 09:52

Tgt Ion:172 Resp: 1449908

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.5	19.6	29.4



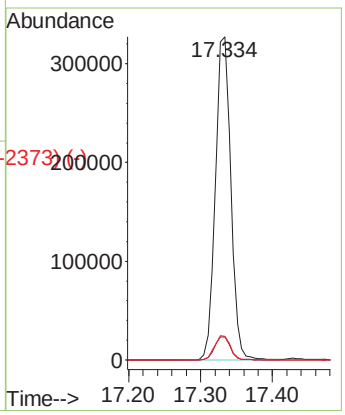
Instrument :
BNA_P
ClientSampleId :
FAM4-WC3

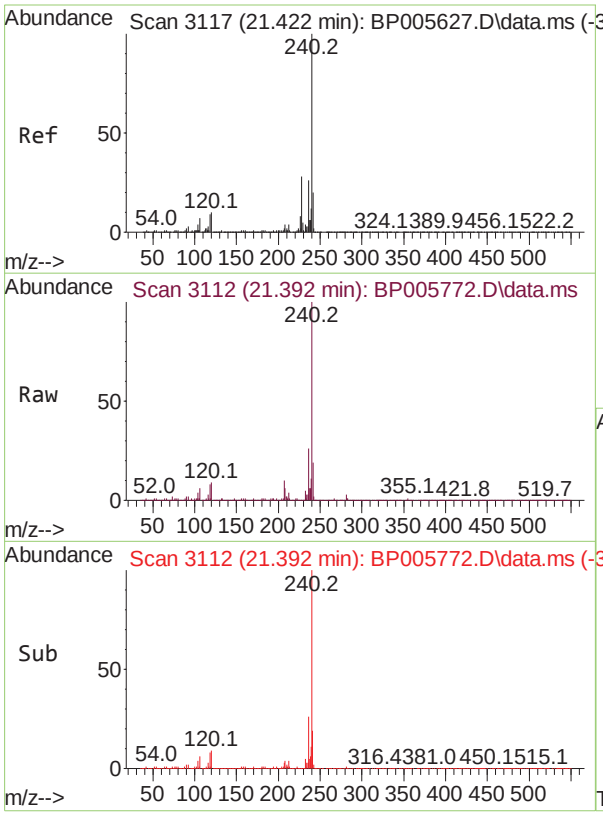


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP005772.D
Acq: 08 Jun 2021 09:52

Tgt Ion:188 Resp: 487343

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.0	7.6
80	7.4	5.9	8.9

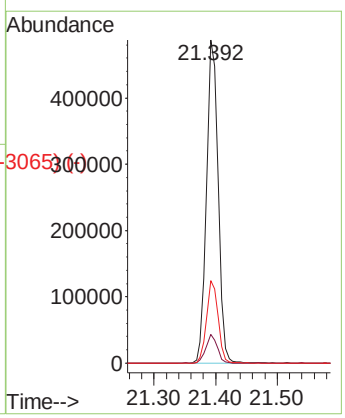




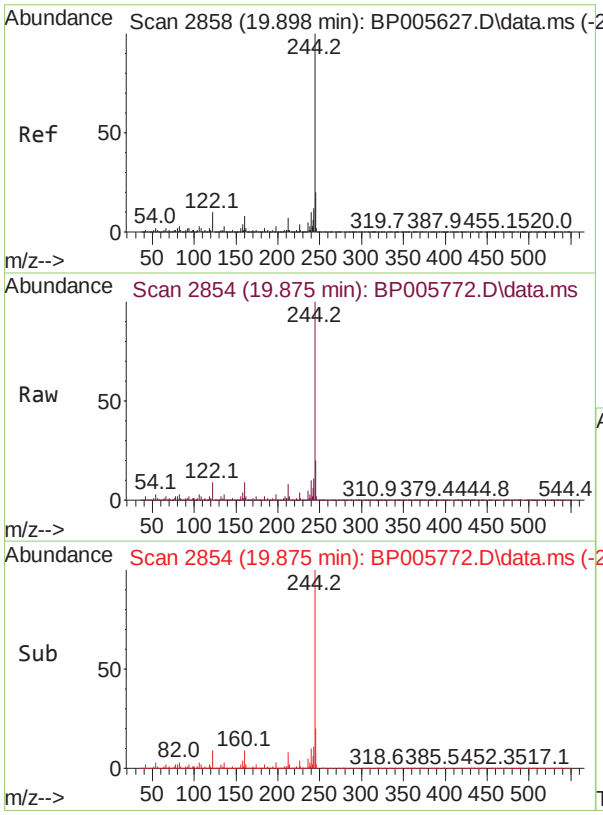
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.023 min
Lab File: BP005772.D
Acq: 08 Jun 2021 09:52

Tgt Ion:240 Resp: 641556

Ion	Ratio	Lower	Upper
240	100		
120	8.9	4.2	6.2#
236	25.6	20.2	30.2



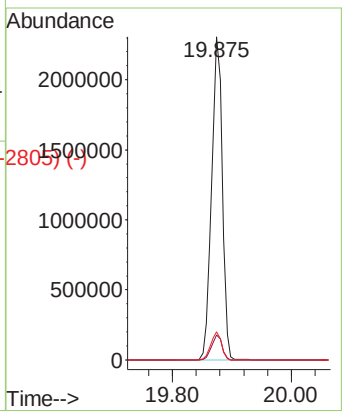
Instrument :
BNA_P
ClientSampleId :
FAM4-WC3

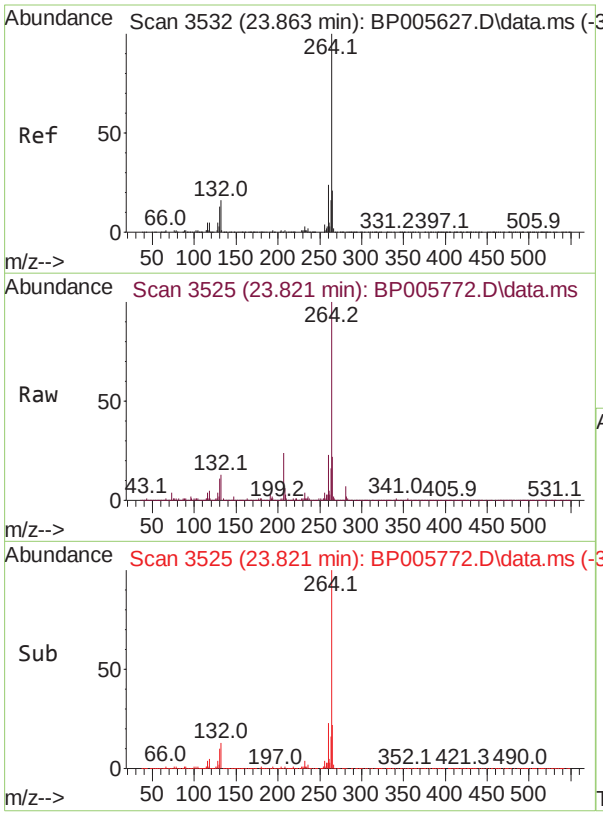


#79
Terphenyl-d14
Concen: 84.108 ng
RT: 19.875 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BP005772.D
Acq: 08 Jun 2021 09:52

Tgt Ion:244 Resp: 2875638

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	8.7	5.2	7.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.821 min Scan# 3525
Delta R.T. -0.029 min
Lab File: BP005772.D
Acq: 08 Jun 2021 09:52

Tgt Ion:264 Resp: 654939

Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.6	30.8
265	22.4	19.0	28.6