Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
Data File : BP005640.D
Acq On : 28 May 2021 15:48
Operator : CG/JU
Sample : M2532-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-N-(MH-10.29)

Quant Time: May 28 16:15:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	173899	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	662771	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	400353	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	841924	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	991240	20.00	ng	# 0.00
86) Perylene-d12	23.862	264	1173781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	616972	55.16	ng	0.00
7) Phenol-d6	7.140	99	452249	29.66	ng	0.00
23) Nitrobenzene-d5	9.146	82	1171783	98.33	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	755692	147.20	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2577768	85.21	ng	0.00
79) Terphenyl-d14	19.898	244	4026133	76.22	ng	0.00
Target Compounds						Qvalue

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

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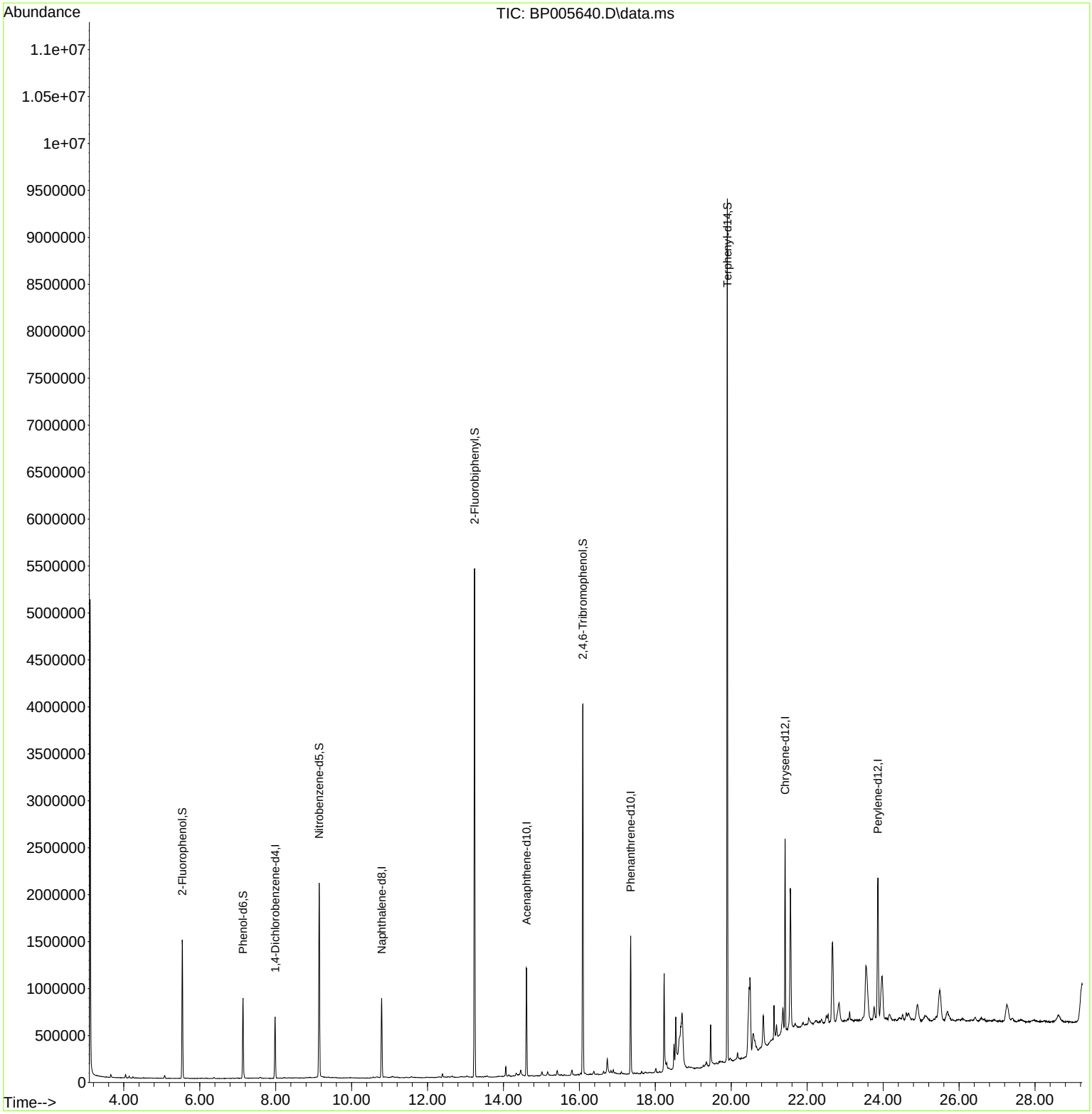
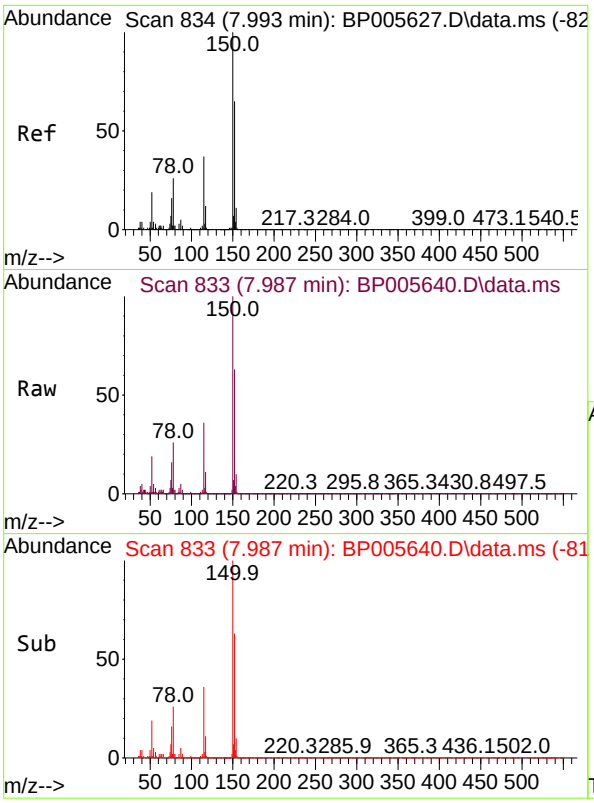


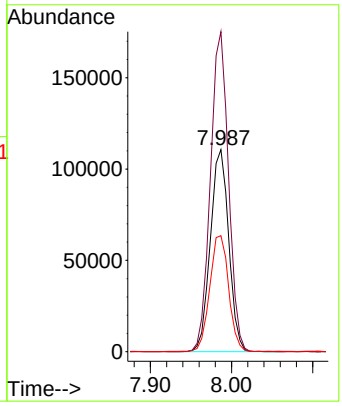
Instrument :
BNA_P
ClientSampleId :
MH-N-(MH-10.29)

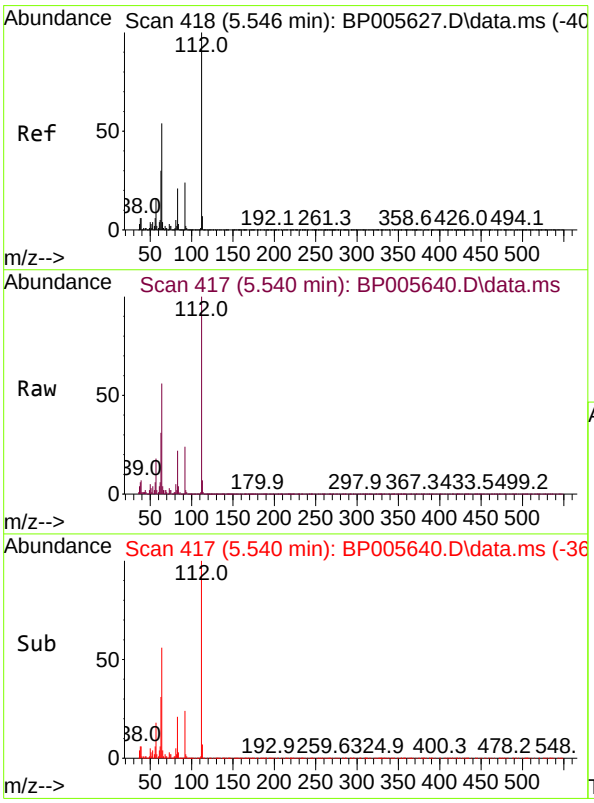


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:152 Resp: 173899

Ion	Ratio	Lower	Upper
152	100		
150	158.4	119.8	179.8
115	57.4	49.0	73.4

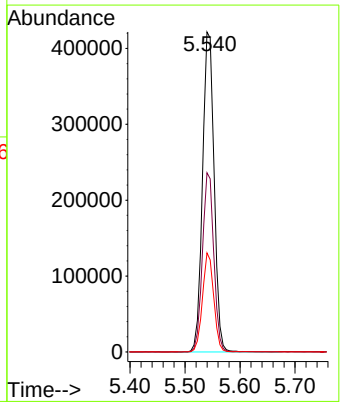




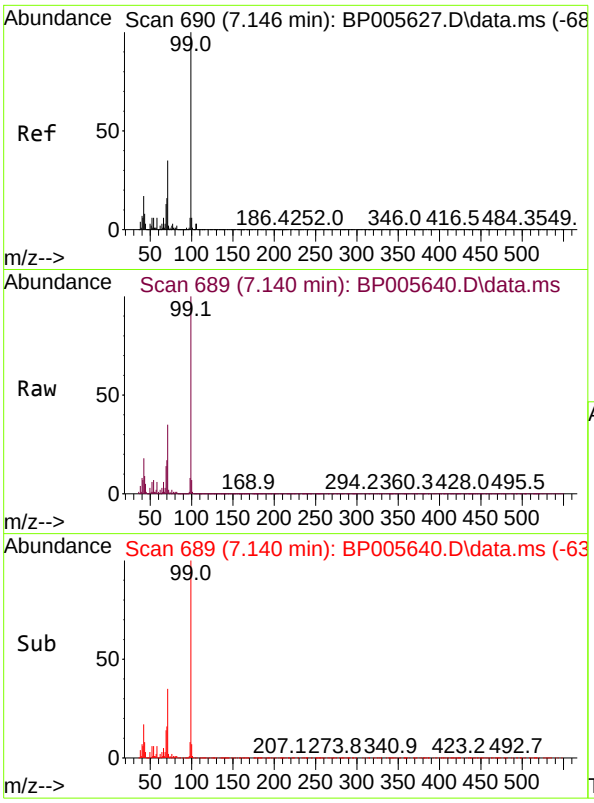
#5
2-Fluorophenol
Concen: 55.16 ng
RT: 5.540 min Scan# 417
Delta R.T. -0.006 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:112 Resp: 616972

Ion	Ratio	Lower	Upper
112	100		
64	56.0	33.6	50.4#
63	30.9	18.6	27.8#



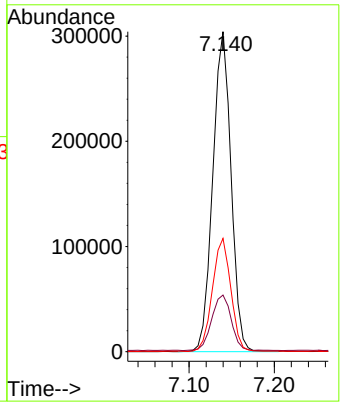
Instrument :
BNA_P
ClientSampleId :
MH-N-(MH-10.29)

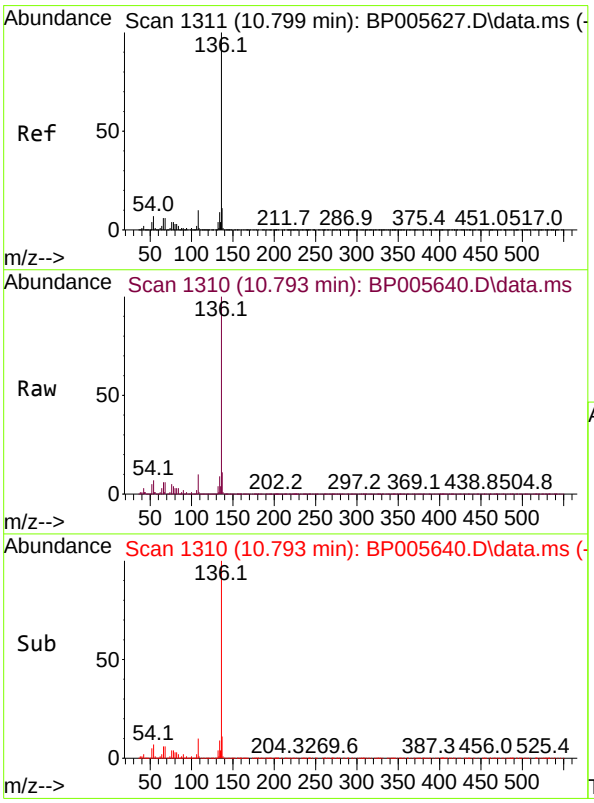


#7
Phenol-d6
Concen: 29.66 ng
RT: 7.140 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion: 99 Resp: 452249

Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.9	19.3
71	35.4	26.7	40.1

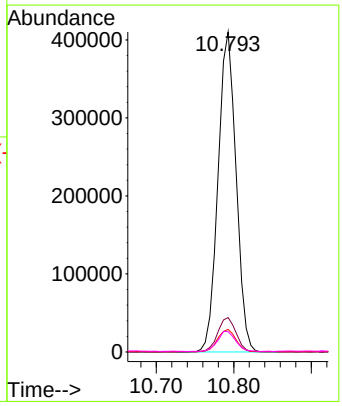




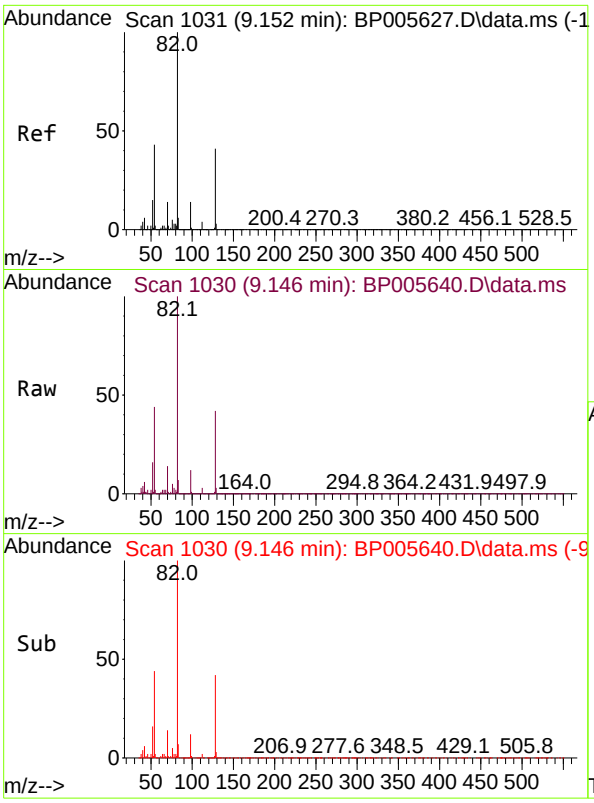
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:136 Resp: 662771

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.0	5.0	7.4
68	6.4	3.7	5.5#



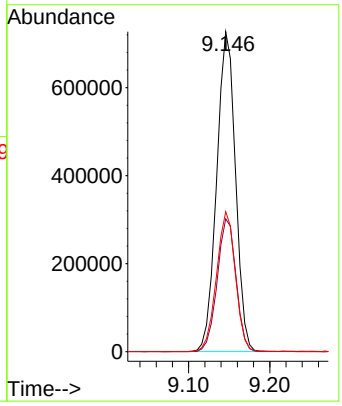
Instrument :
BNA_P
ClientSampleId :
MH-N-(MH-10.29)

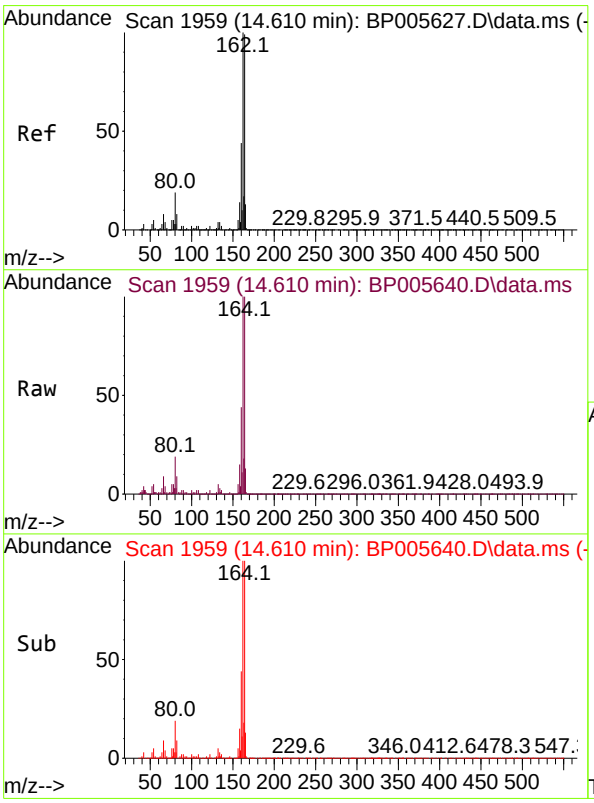


#23
Nitrobenzene-d5
Concen: 98.33 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion: 82 Resp: 1171783

Ion	Ratio	Lower	Upper
82	100		
128	41.5	30.5	45.7
54	43.8	33.9	50.9

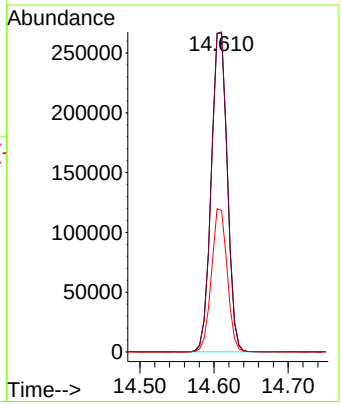




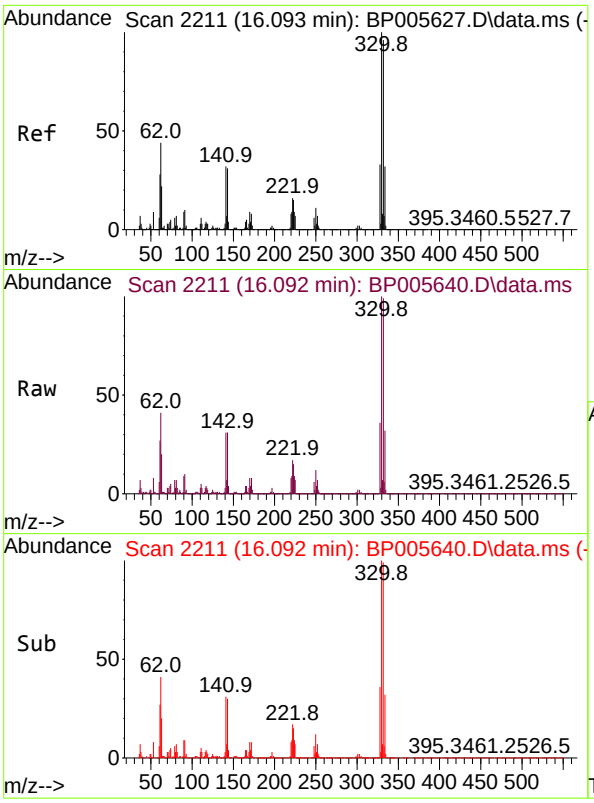
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:164 Resp: 400353

Ion	Ratio	Lower	Upper
164	100		
162	100.4	73.5	110.3
160	44.4	40.6	61.0



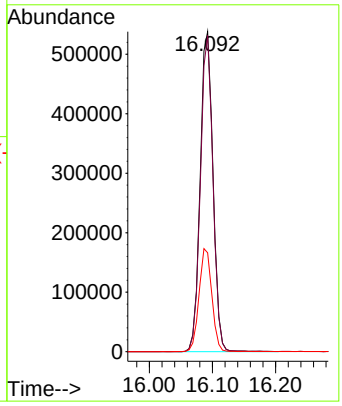
Instrument :
BNA_P
ClientSampleId :
MH-N-(MH-10.29)

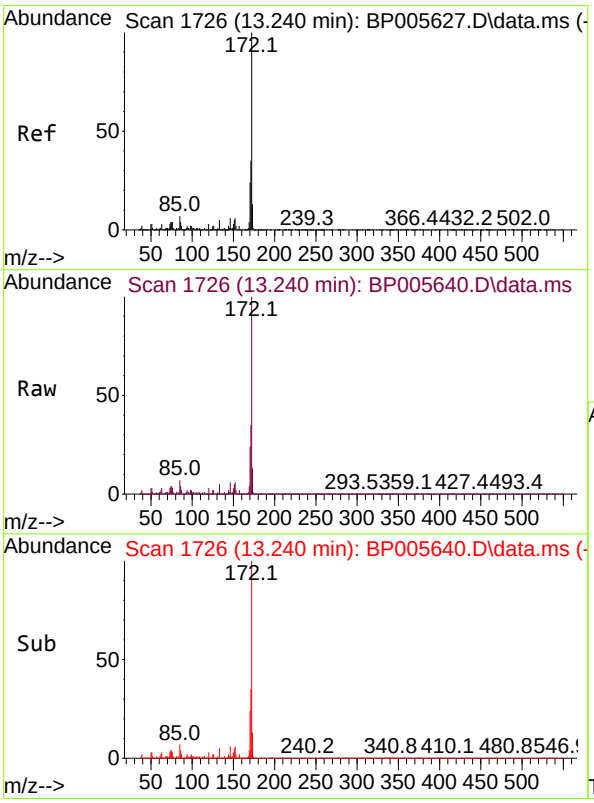


#42
2,4,6-Tribromophenol
Concen: 147.20 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:330 Resp: 755692

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.3	114.5
141	32.3	22.8	34.2

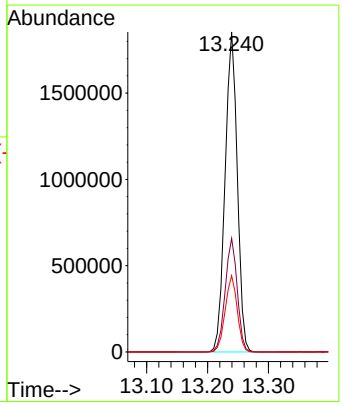




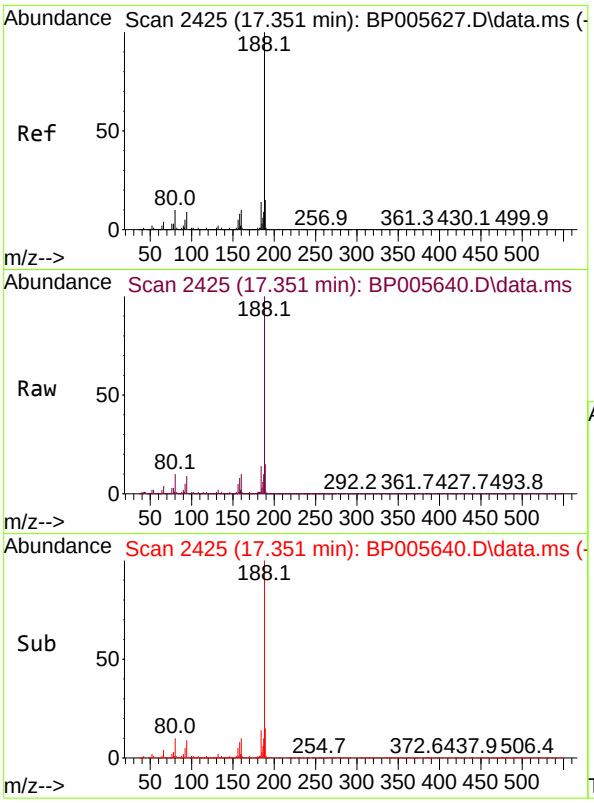
#45
2-Fluorobiphenyl
Concen: 85.21 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:172 Resp: 2577768

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.9	19.6	29.4



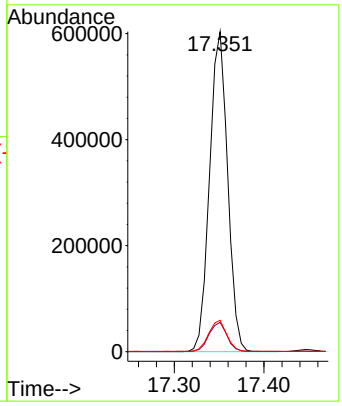
Instrument :
BNA_P
ClientSampleId :
MH-N-(MH-10.29)

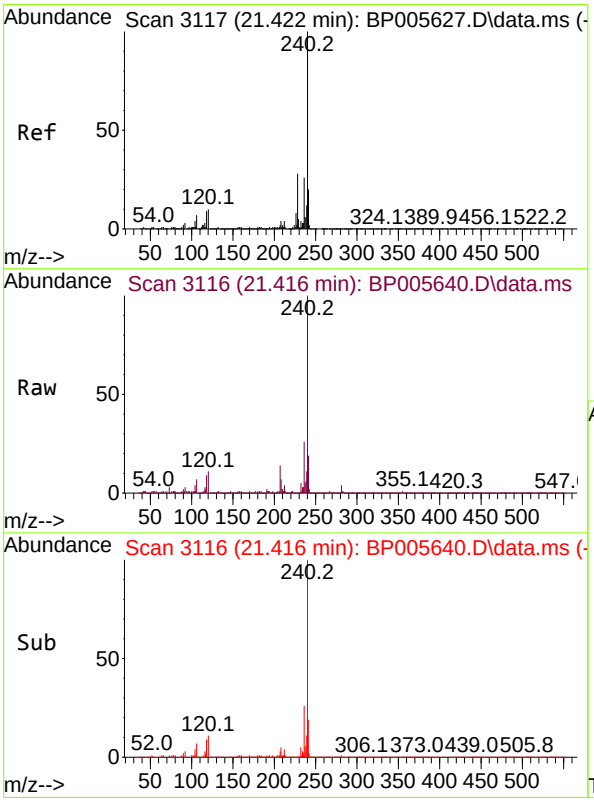


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:188 Resp: 841924

Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.0	7.6#
80	9.8	5.9	8.9#

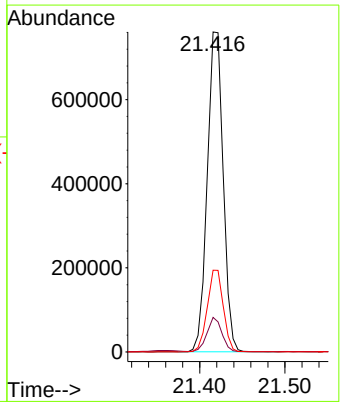




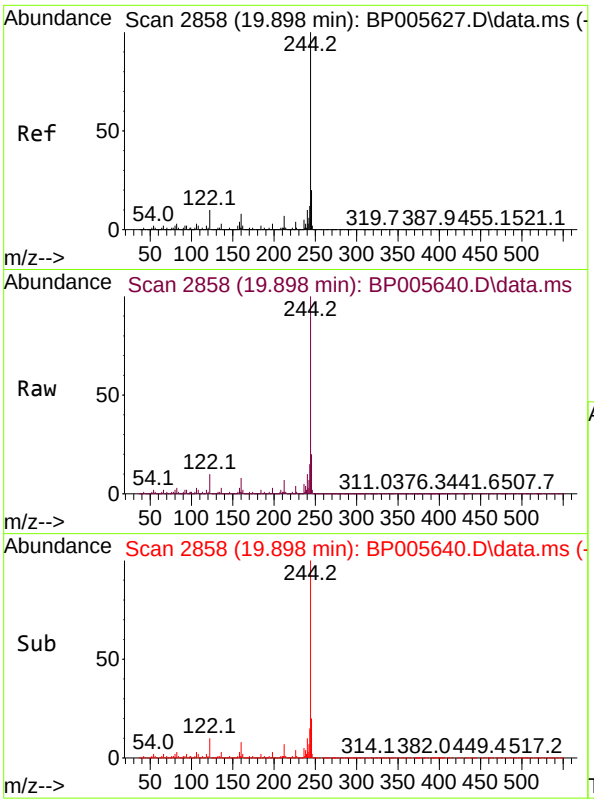
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:240 Resp: 991240

Ion	Ratio	Lower	Upper
240	100		
120	10.8	4.2	6.2#
236	25.5	20.2	30.2



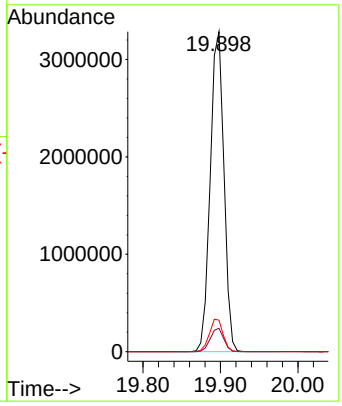
Instrument :
BNA_P
ClientSampleId :
MH-N-(MH-10.29)

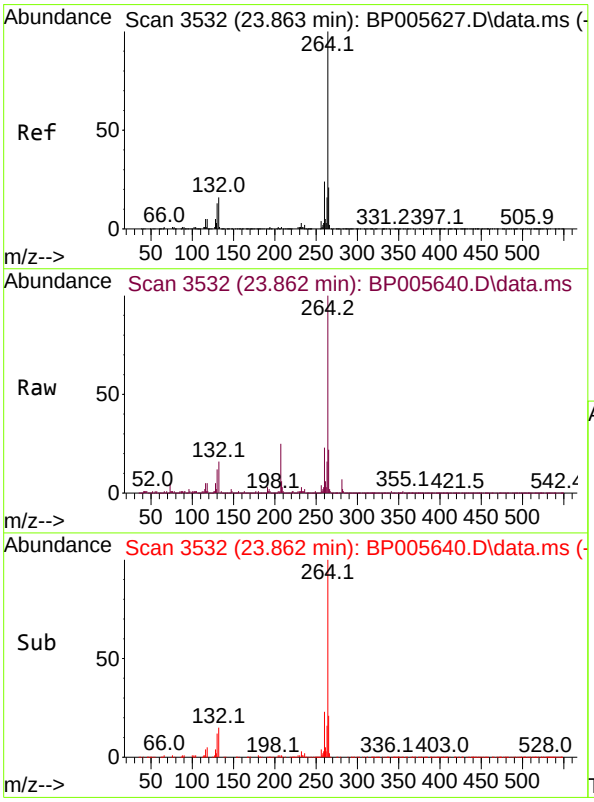


#79
Terphenyl-d14
Concen: 76.22 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:244 Resp: 4026133

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.8	5.2	7.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.862 min Scan# 3532
Delta R.T. -0.000 min
Lab File: BP005640.D
Acq: 28 May 2021 15:48

Tgt Ion:264 Resp: 1173781

Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.6	30.8
265	21.9	19.0	28.6