Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062121\
Data File : BP006005.D
Acq On : 21 Jun 2021 21:24
Operator : CG/JU
Sample : M2764-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PHC-250EM-002

Quant Time: Jun 22 00:55:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 11:35:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	74160	20.00	ng	0.00
21) Naphthalene-d8	10.728	136	275101	20.00	ng	0.00
39) Acenaphthene-d10	14.551	164	165997	20.00	ng	0.00
64) Phenanthrene-d10	17.298	188	350371	20.00	ng	0.00
76) Chrysene-d12	21.368	240	426277	20.00	ng	-0.01
86) Perylene-d12	23.774	264	471342	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	616128	133.31	ng	0.00
7) Phenol-d6	7.099	99	636671	106.28	ng	0.00
23) Nitrobenzene-d5	9.087	82	491258	87.55	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	421581	147.99	ng	-0.01
45) 2-Fluorobiphenyl	13.181	172	1087658	86.04	ng	0.00
79) Terphenyl-d14	19.845	244	2062701	90.61	ng	-0.01
Target Compounds						Qvalue

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

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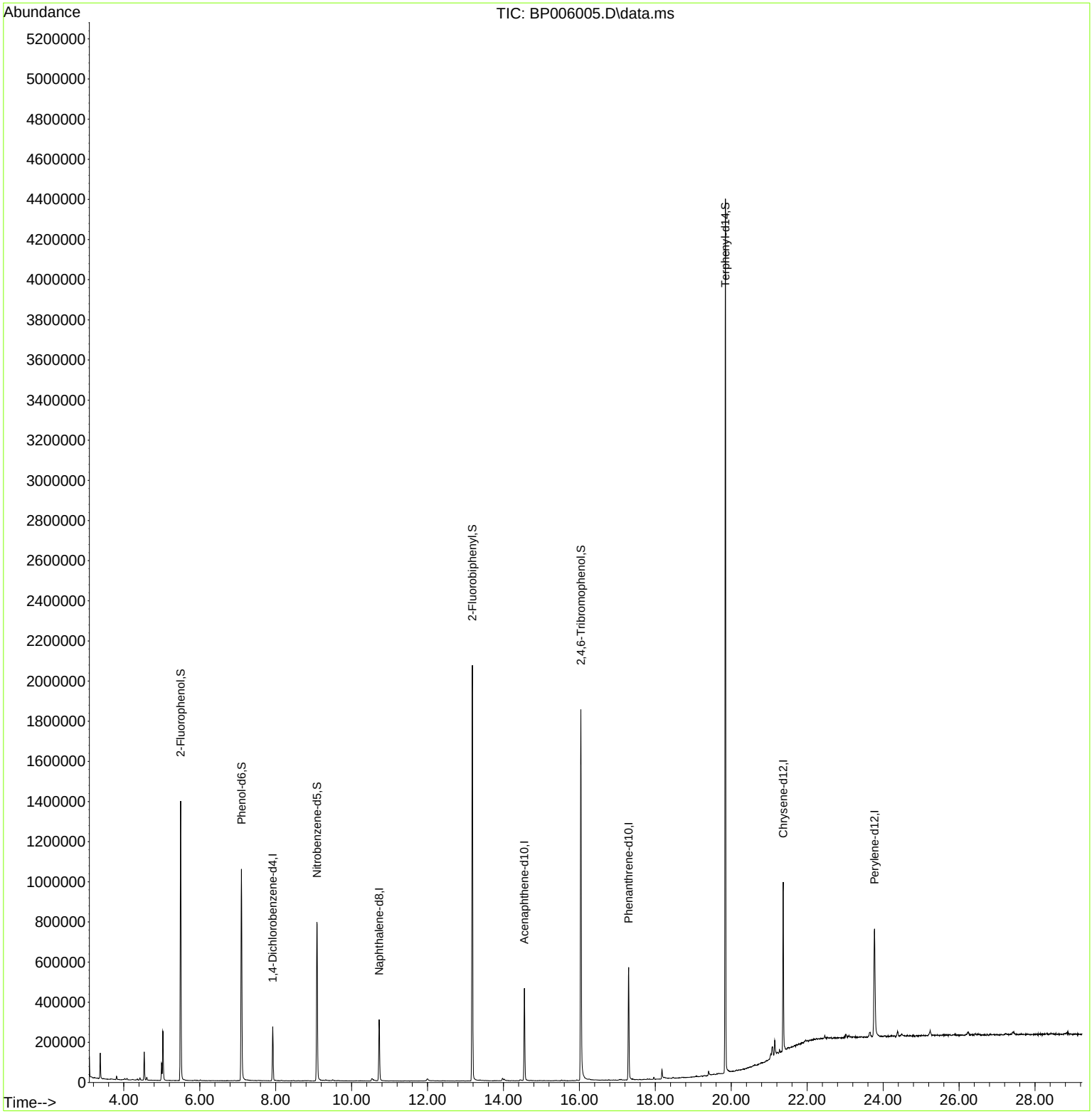
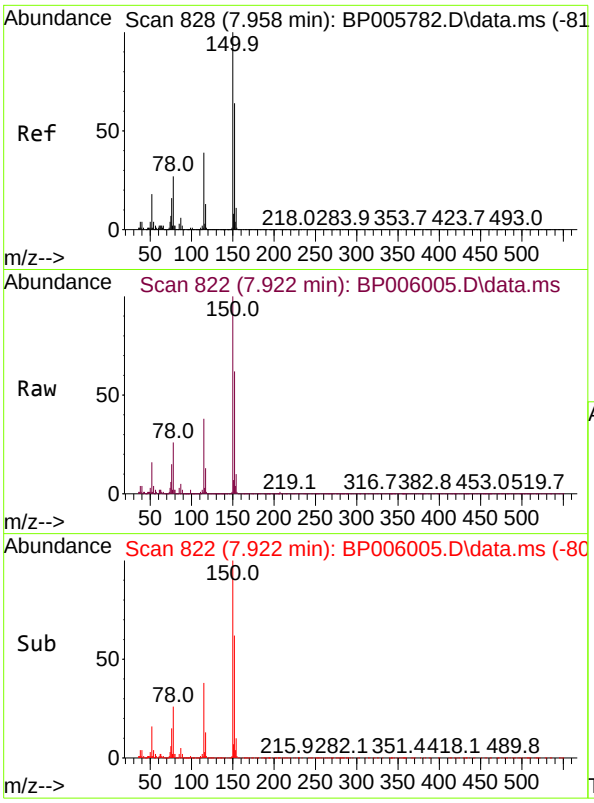


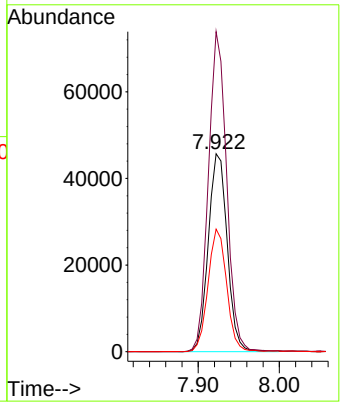
Instrument :
BNA_P
ClientSampleId :
PHC-250EM-002

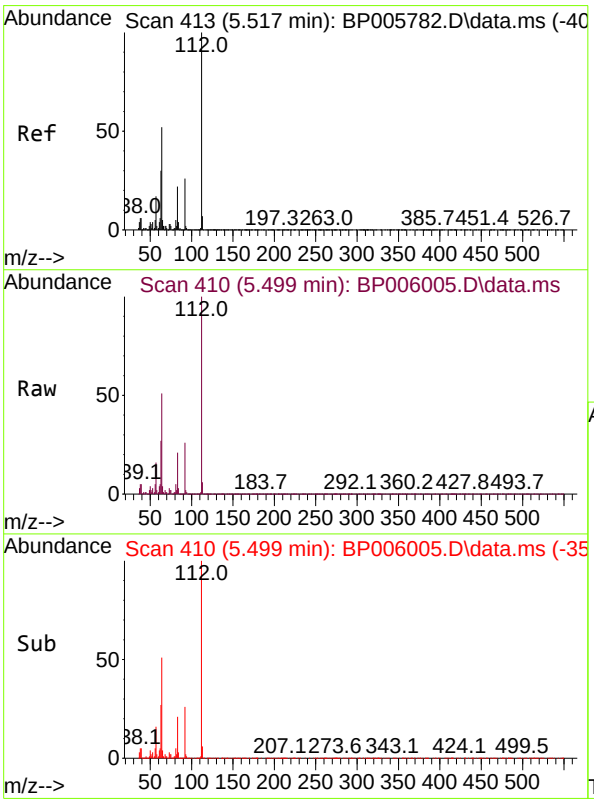


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BP006005.D
Acq: 21 Jun 2021 21:24

Tgt Ion:152 Resp: 74160

Ion	Ratio	Lower	Upper
152	100		
150	161.6	125.6	188.4
115	61.9	48.5	72.7

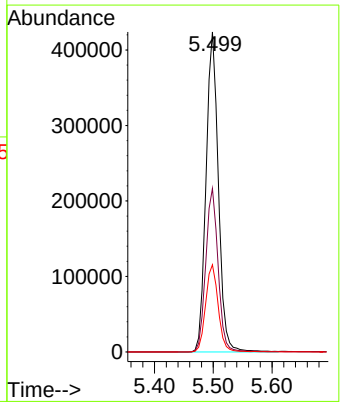




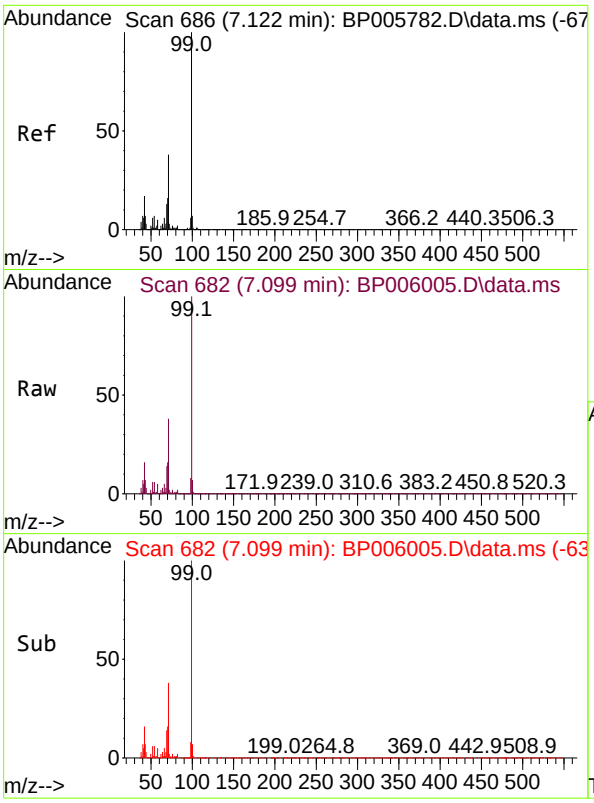
#5
2-Fluorophenol
Concen: 133.31 ng
RT: 5.499 min Scan# 410
Delta R.T. -0.000 min
Lab File: BP006005.D
Acq: 21 Jun 2021 21:24

Tgt Ion:112 Resp: 616128

Ion	Ratio	Lower	Upper
112	100		
64	51.1	41.4	62.2
63	27.2	23.8	35.8



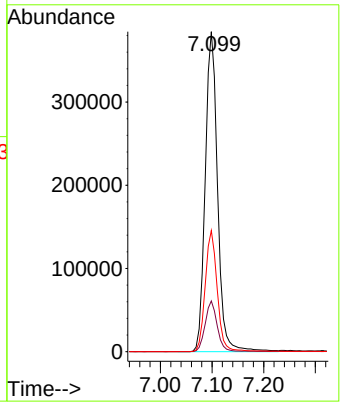
Instrument :
BNA_P
ClientSampleId :
PHC-250EM-002

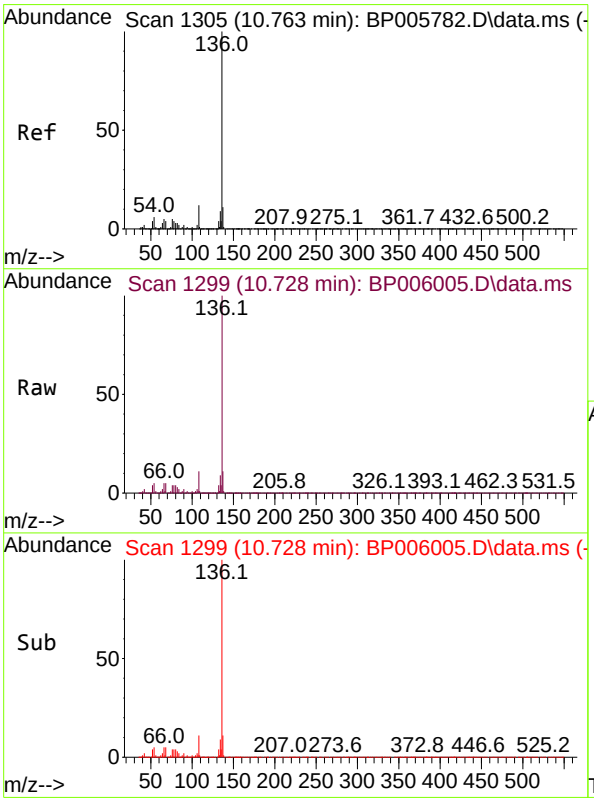


#7
Phenol-d6
Concen: 106.28 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.006 min
Lab File: BP006005.D
Acq: 21 Jun 2021 21:24

Tgt Ion: 99 Resp: 636671

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.4	20.0
71	37.9	30.6	46.0

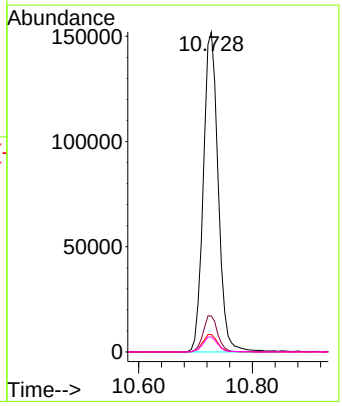




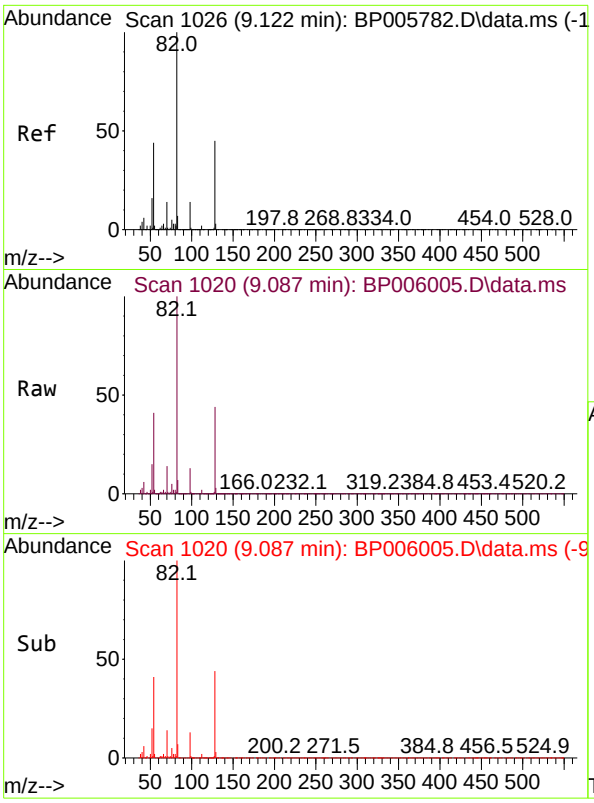
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP006005.D
Acq: 21 Jun 2021 21:24

Tgt Ion:136 Resp: 275101

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	5.4	4.6	6.8
68	4.7	3.6	5.4



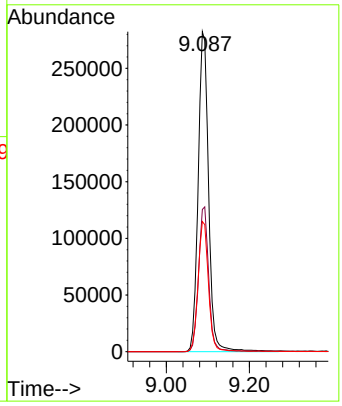
Instrument :
BNA_P
ClientSampleId :
PHC-250EM-002

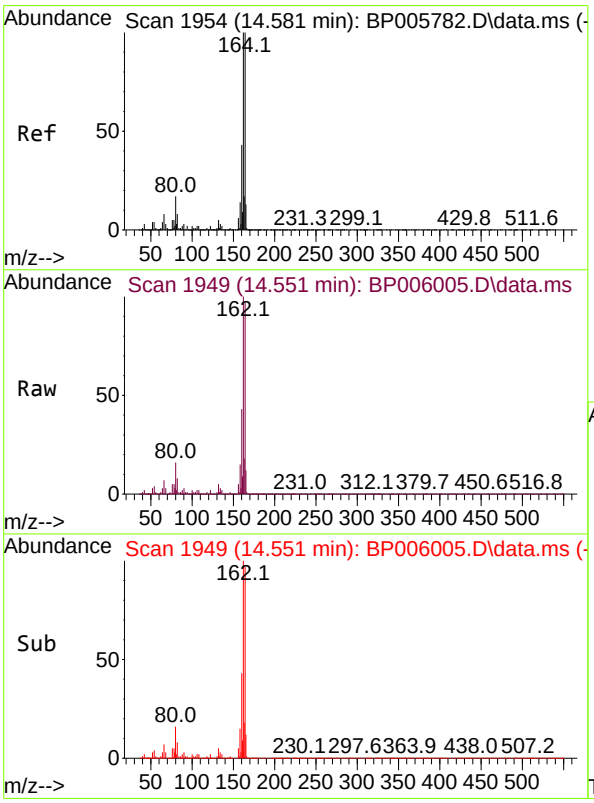


#23
Nitrobenzene-d5
Concen: 87.55 ng
RT: 9.087 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP006005.D
Acq: 21 Jun 2021 21:24

Tgt Ion: 82 Resp: 491258

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.7	53.5
54	40.6	35.0	52.4

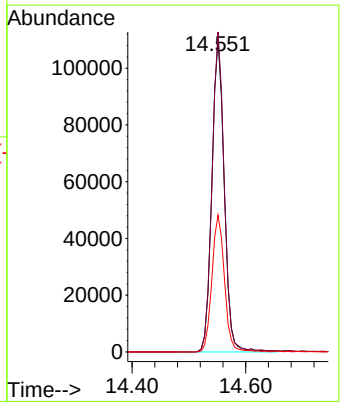




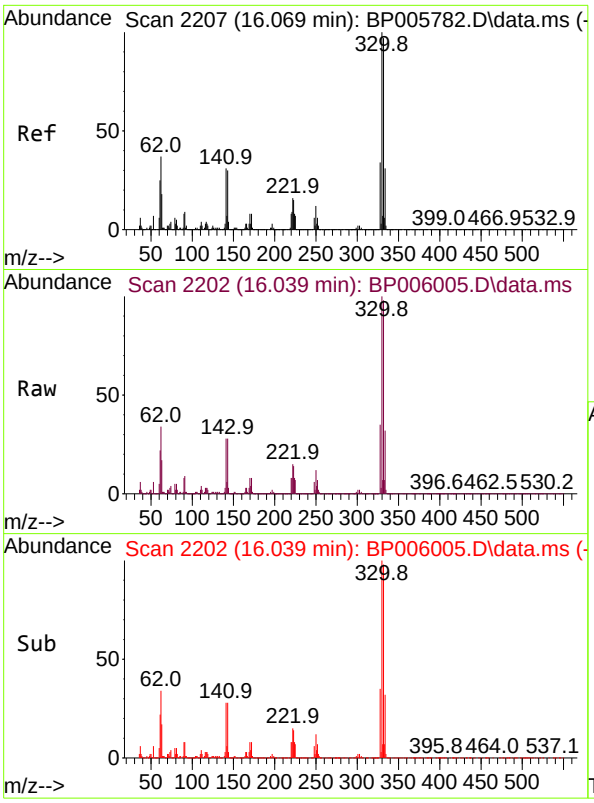
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP006005.D
Acq: 21 Jun 2021 21:24

Tgt Ion:164 Resp: 165997

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	44.1	34.5	51.7



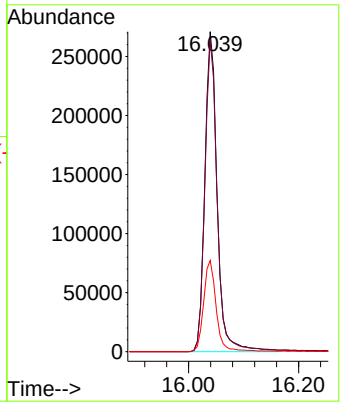
Instrument :
BNA_P
ClientSampleId :
PHC-250EM-002

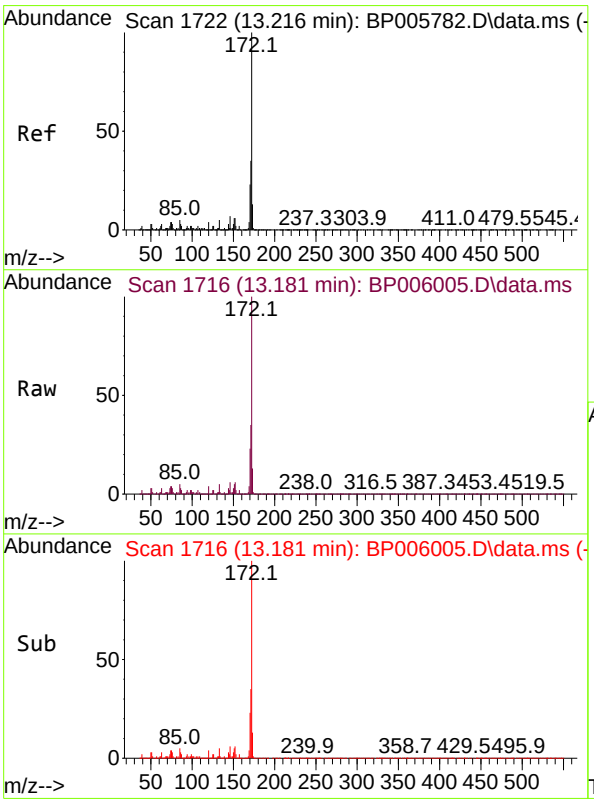


#42
2,4,6-Tribromophenol
Concen: 147.99 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BP006005.D
Acq: 21 Jun 2021 21:24

Tgt Ion:330 Resp: 421581

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.8	116.8
141	29.4	25.4	38.2

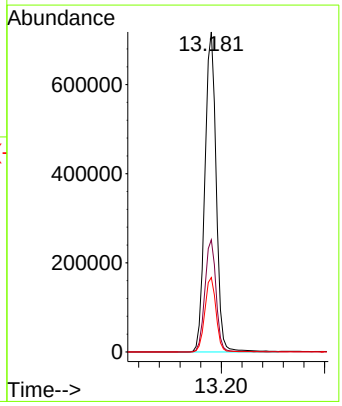




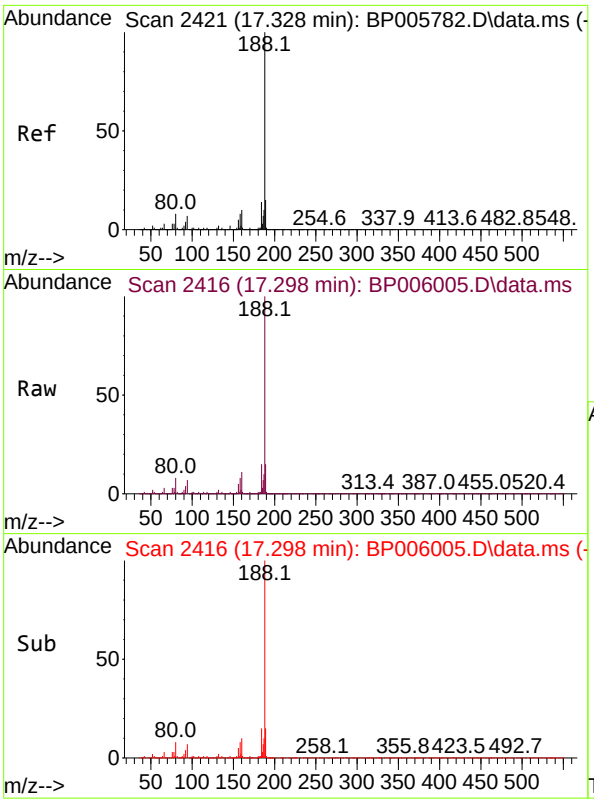
#45
2-Fluorobiphenyl
Concen: 86.04 ng
RT: 13.181 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP006005.D
Acq: 21 Jun 2021 21:24

Tgt Ion:172 Resp: 1087658

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.2	18.6	27.8



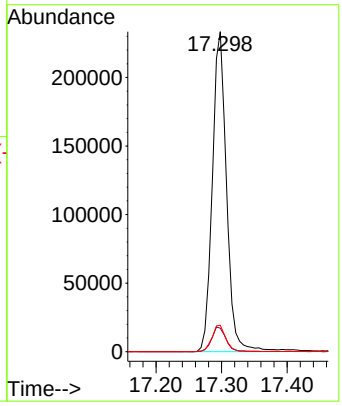
Instrument :
BNA_P
ClientSampleId :
PHC-250EM-002

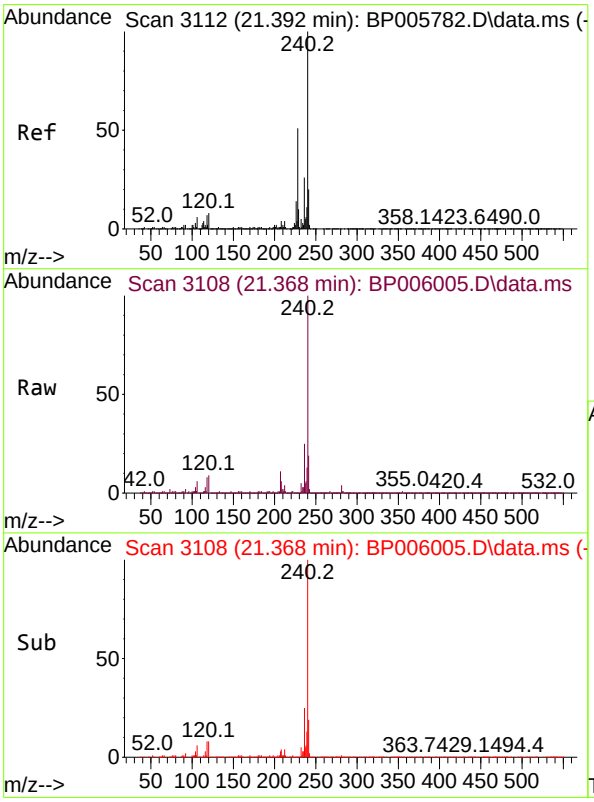


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP006005.D
Acq: 21 Jun 2021 21:24

Tgt Ion:188 Resp: 350371

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.6	8.4
80	8.2	6.3	9.5

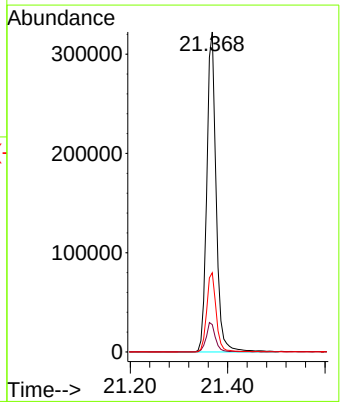




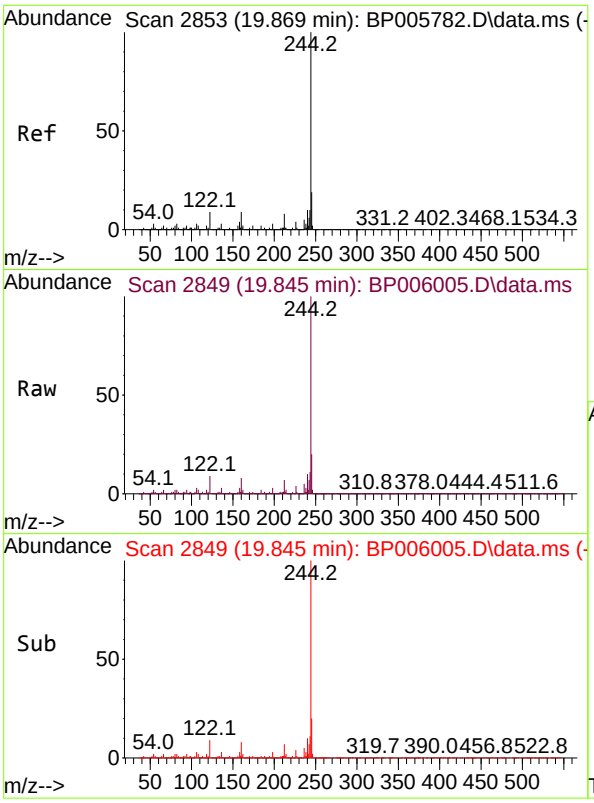
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.368 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BP006005.D
Acq: 21 Jun 2021 21:24

Tgt Ion:240 Resp: 426277

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.5	9.7
236	24.7	20.6	31.0



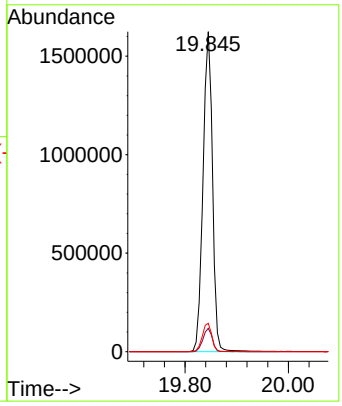
Instrument :
BNA_P
ClientSampleId :
PHC-250EM-002

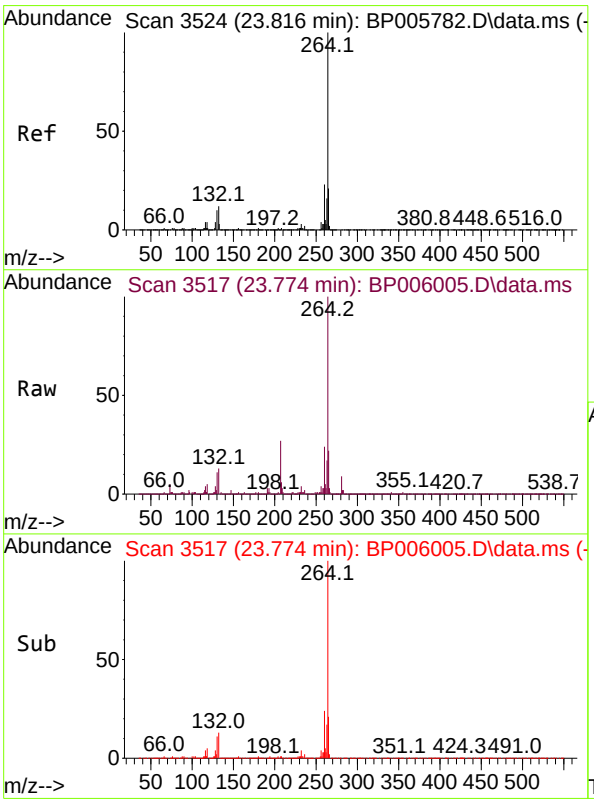


#79
Terphenyl-d14
Concen: 90.61 ng
RT: 19.845 min Scan# 2849
Delta R.T. -0.012 min
Lab File: BP006005.D
Acq: 21 Jun 2021 21:24

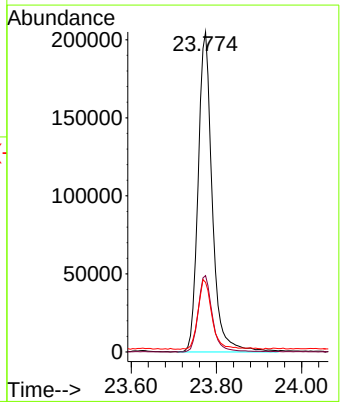
Tgt Ion:244 Resp: 2062701

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	8.8	7.1	10.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.018 min
Lab File: BP006005.D
Acq: 21 Jun 2021 21:24

Tgt Ion:264 Resp: 471342

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.8	17.6	26.4