Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010622\
Data File : BP008713.D
Acq On : 06 Jan 2022 17:34
Operator : CG/JU
Sample : N1041-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DE-WATERING-EFFLUENT

Quant Time: Jan 07 08:07:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 07:45:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	362625	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1359639	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	884950	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1918006	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2089726	20.000	ng	0.00
86) Perylene-d12	23.780	264	2316119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	1180509	50.979	ng	0.00
7) Phenol-d6	7.046	99	842872	27.114	ng	0.00
23) Nitrobenzene-d5	9.034	82	2074790	86.421	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	1743172	116.756	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	5470532	86.908	ng	0.00
79) Terphenyl-d14	19.827	244	9331023	90.994	ng	0.00
Target Compounds						Qvalue

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

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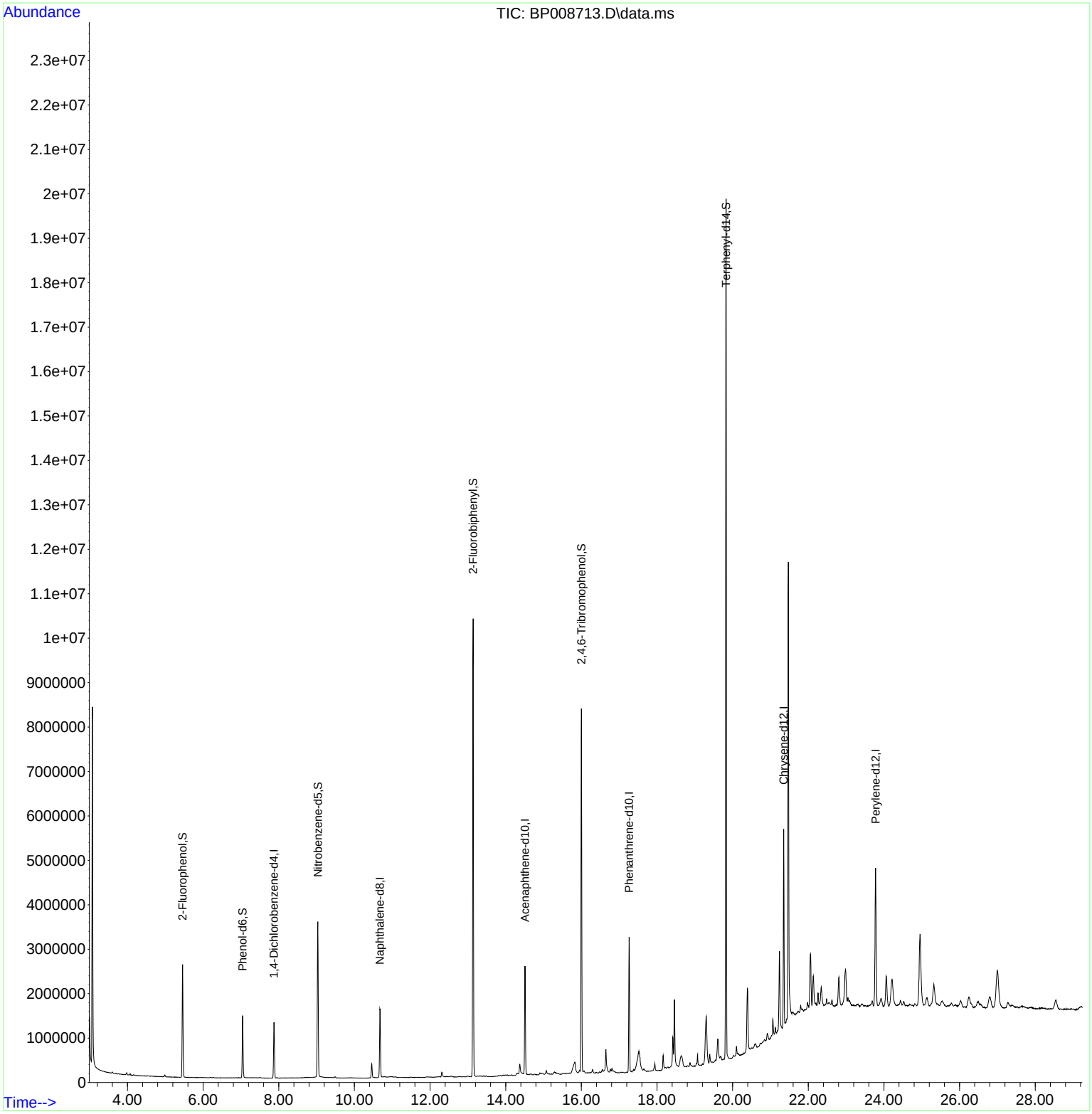
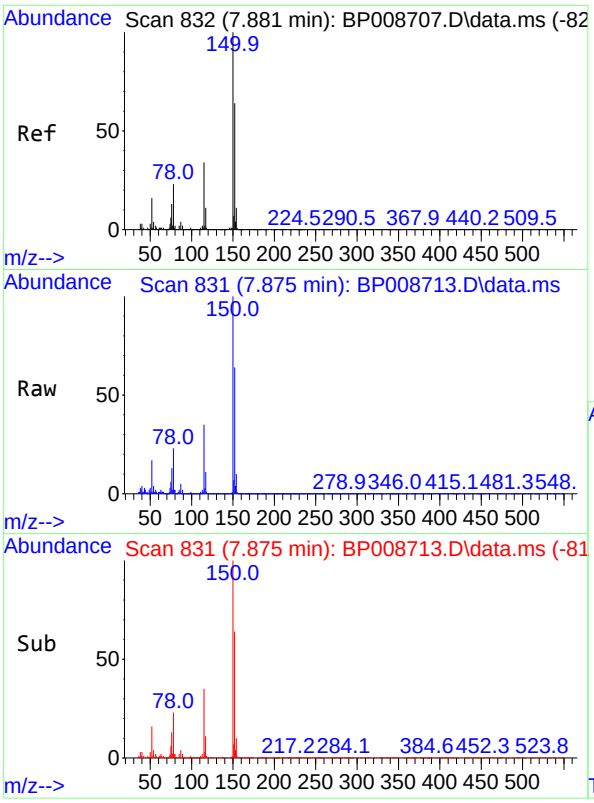


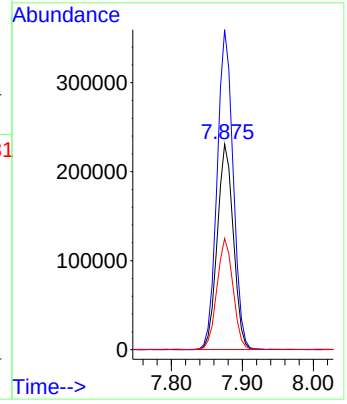


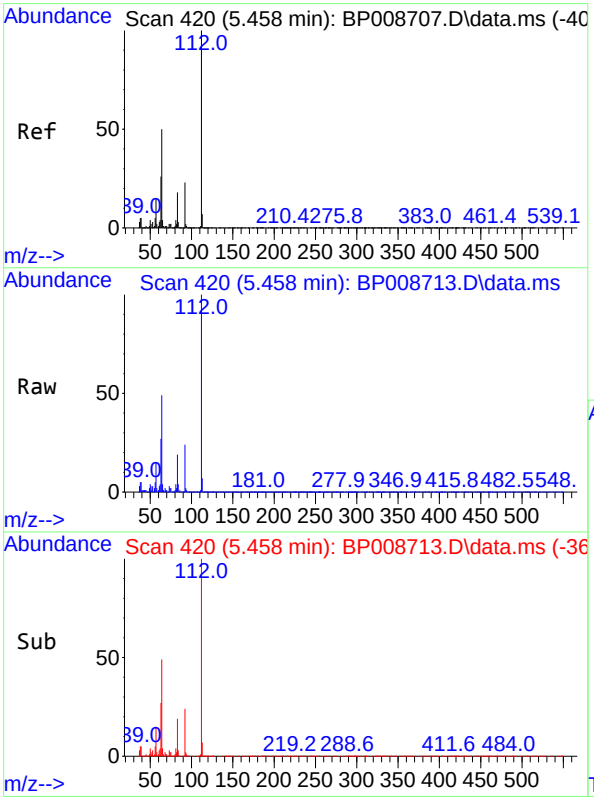
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP008713.D
Acq: 06 Jan 2022 17:34

Instrument :
BNA_P
ClientSampleId :
DE-WATERING-EFFLUENT

Tgt Ion:152 Resp: 362625

Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.0	190.6
115	54.1	43.7	65.5

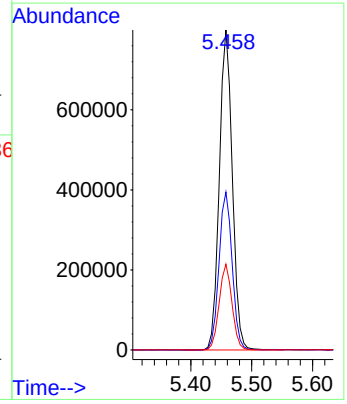


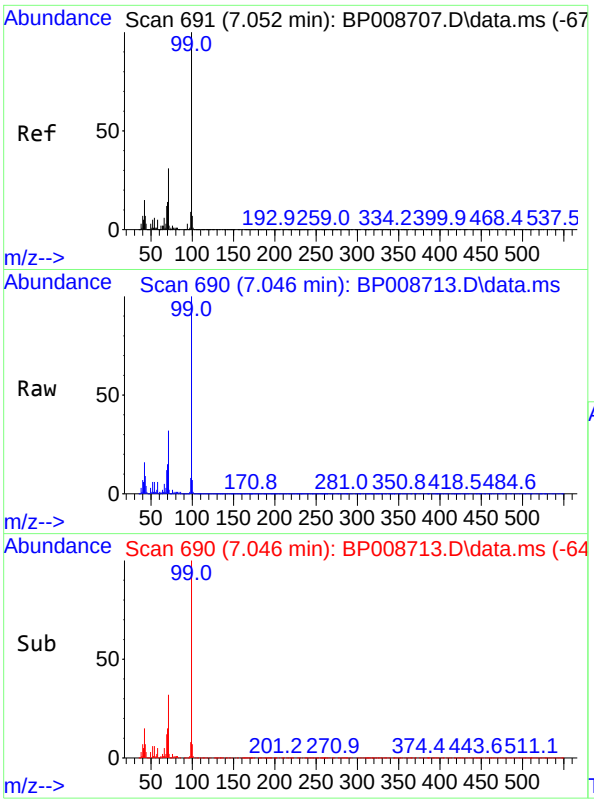


#5
2-Fluorophenol
Concen: 50.979 ng
RT: 5.458 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP008713.D
Acq: 06 Jan 2022 17:34

Tgt Ion:112 Resp: 1180509

Ion	Ratio	Lower	Upper
112	100		
64	49.3	39.7	59.5
63	26.8	20.0	30.0



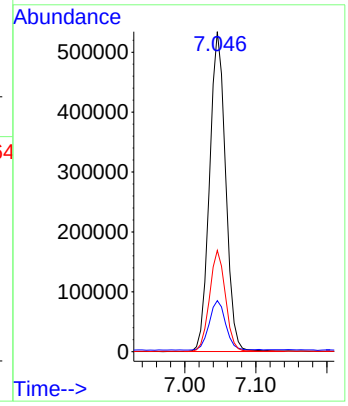


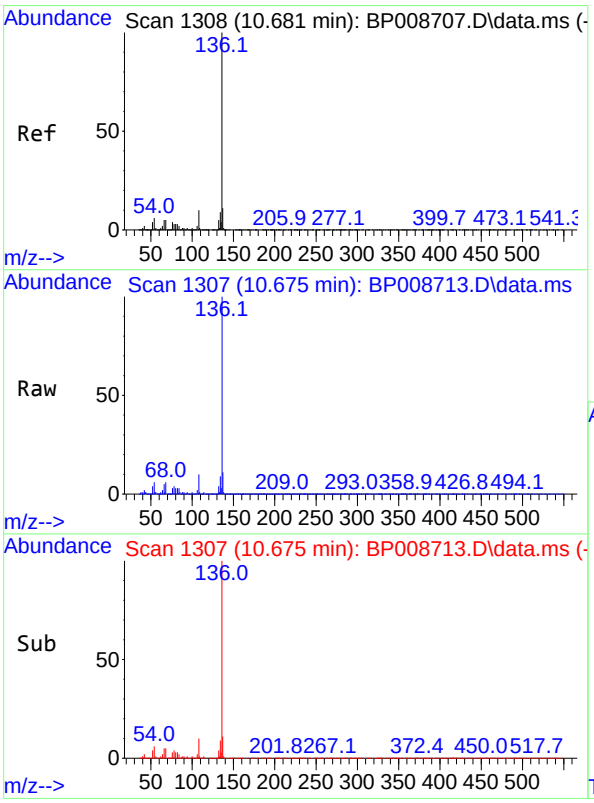
#7
Phenol-d6
Concen: 27.114 ng
RT: 7.046 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP008713.D
Acq: 06 Jan 2022 17:34

Instrument :
BNA_P
ClientSampleId :
DE-WATERING-EFFLUENT

Tgt Ion: 99 Resp: 842872

Ion	Ratio	Lower	Upper
99	100		
42	15.9	10.8	16.2
71	31.7	23.8	35.6

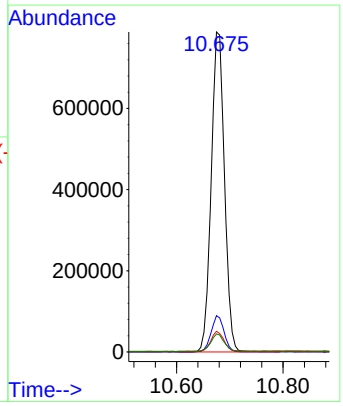


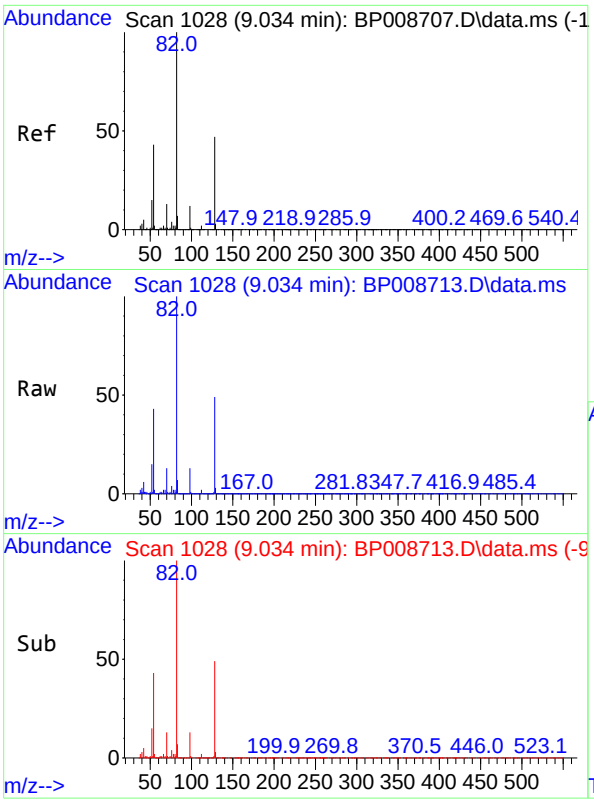


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BP008713.D
Acq: 06 Jan 2022 17:34

Tgt Ion:136 Resp: 1359639

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.5	4.9	7.3
68	5.6	4.3	6.5



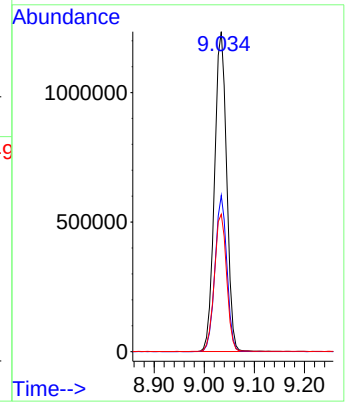


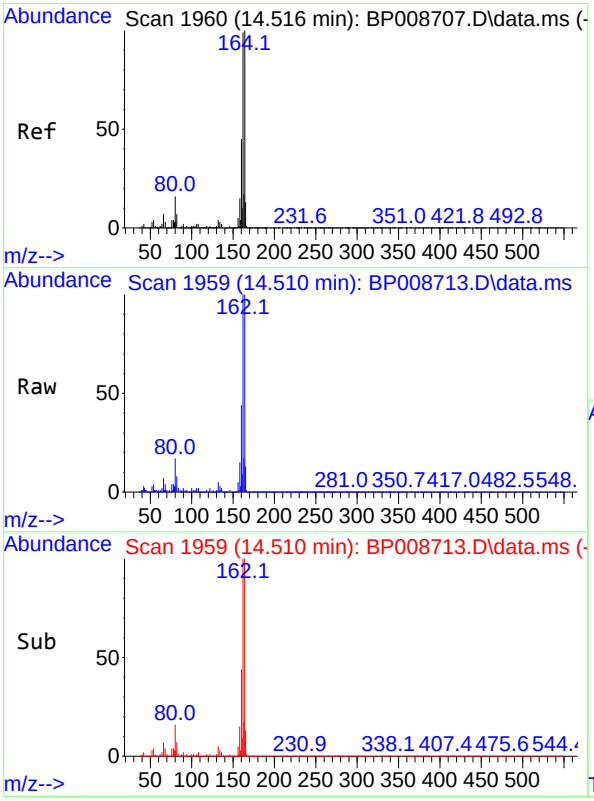
#23
Nitrobenzene-d5
Concen: 86.421 ng
RT: 9.034 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP008713.D
Acq: 06 Jan 2022 17:34

Instrument :
BNA_P
ClientSampleId :
DE-WATERING-EFFLUENT

Tgt Ion: 82 Resp: 2074790

Ion	Ratio	Lower	Upper
82	100		
128	48.8	39.4	59.2
54	43.0	32.6	48.8

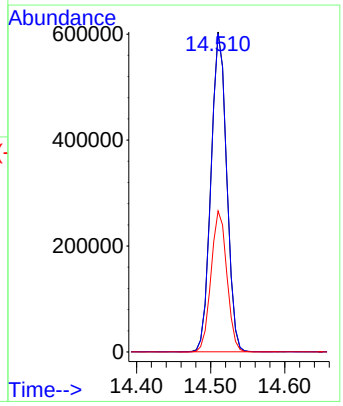


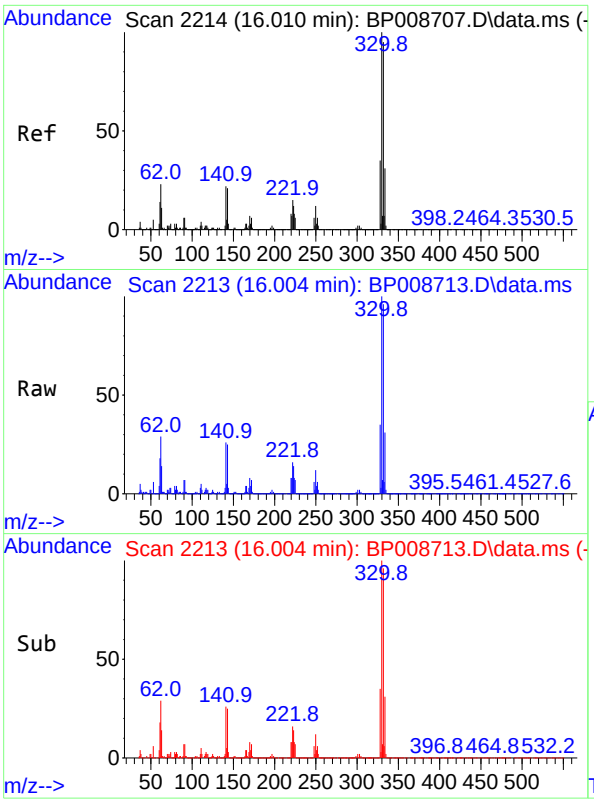


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP008713.D
Acq: 06 Jan 2022 17:34

Tgt Ion:164 Resp: 884950

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.9	119.9
160	44.1	35.5	53.3



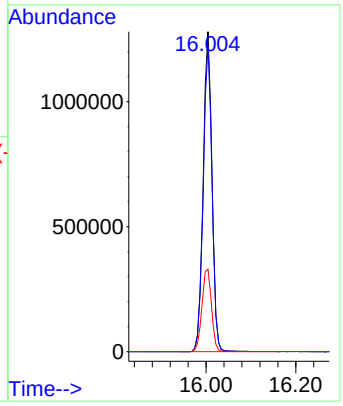


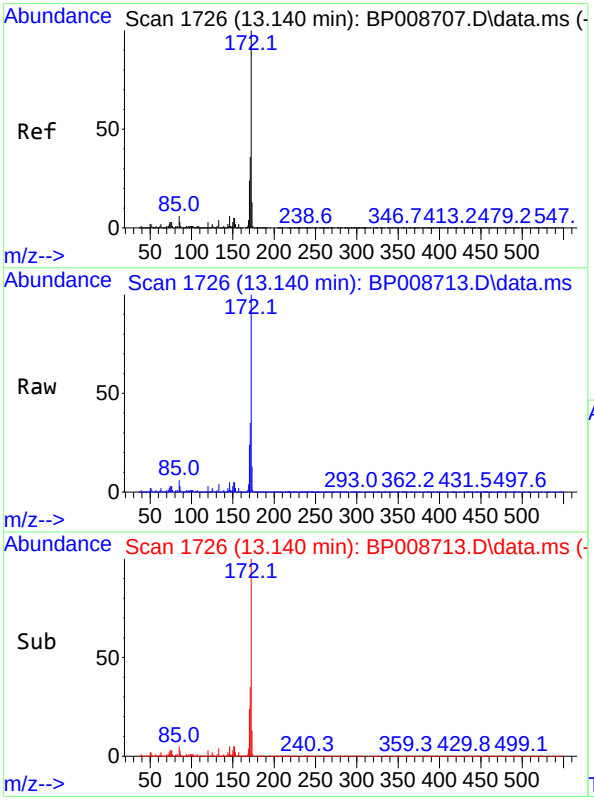
#42
2,4,6-Tribromophenol
Concen: 116.756 ng
RT: 16.004 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008713.D
Acq: 06 Jan 2022 17:34

Instrument :
BNA_P
ClientSampleId :
DE-WATERING-EFFLUENT

Tgt Ion:330 Resp: 1743172

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.4
141	27.9	21.3	31.9

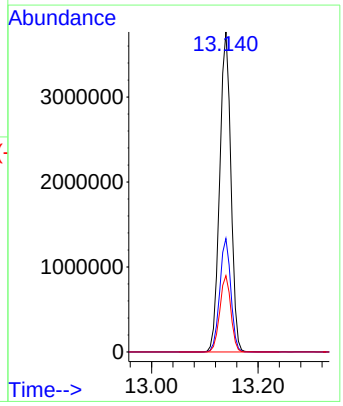


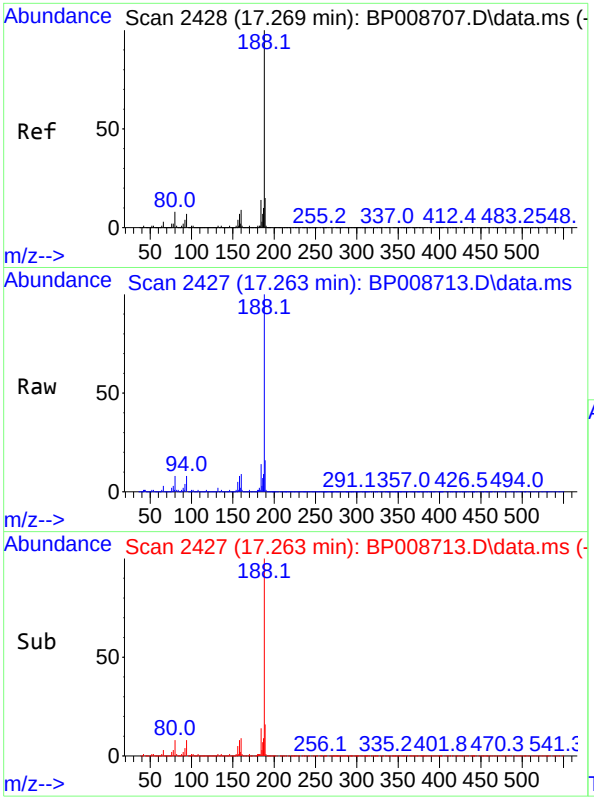


#45
2-Fluorobiphenyl
Concen: 86.908 ng
RT: 13.140 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP008713.D
Acq: 06 Jan 2022 17:34

Tgt Ion:172 Resp: 5470532

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.3	43.9
170	23.9	19.5	29.3



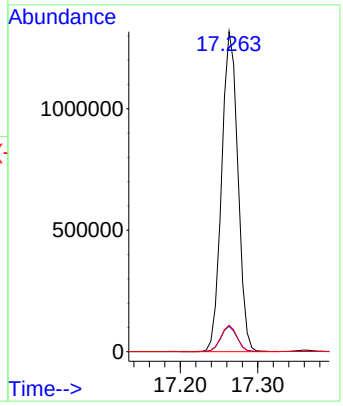


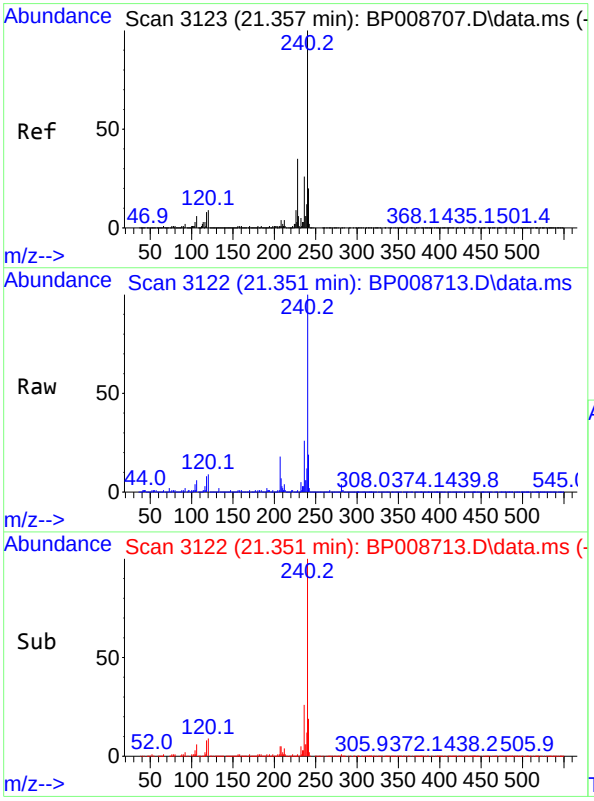
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP008713.D
Acq: 06 Jan 2022 17:34

Instrument :
BNA_P
ClientSampleId :
DE-WATERING-EFFLUENT

Tgt Ion:188 Resp: 1918006

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.8	10.2
80	8.2	7.2	10.8

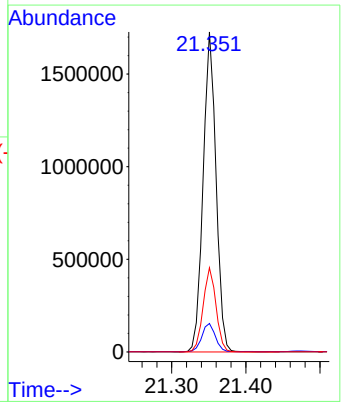


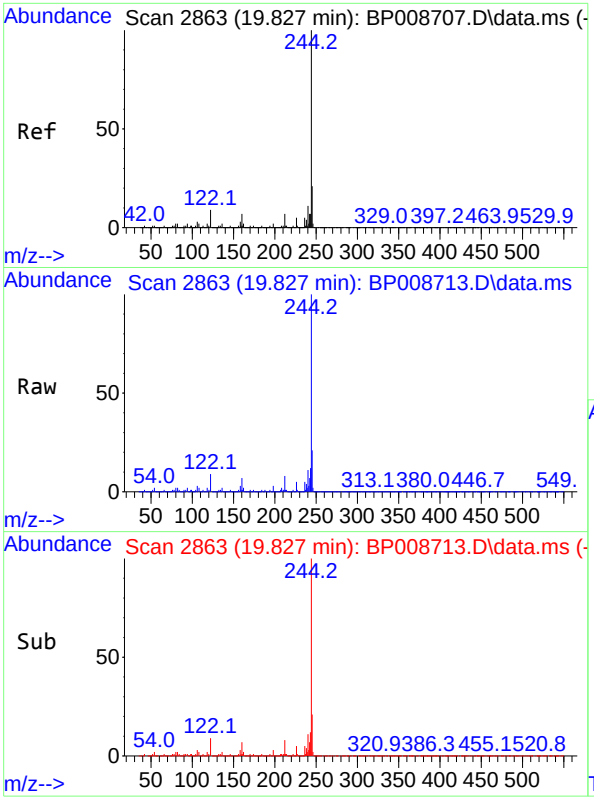


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP008713.D
Acq: 06 Jan 2022 17:34

Tgt Ion:240 Resp: 2089726

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.7	11.5
236	26.3	21.2	31.8



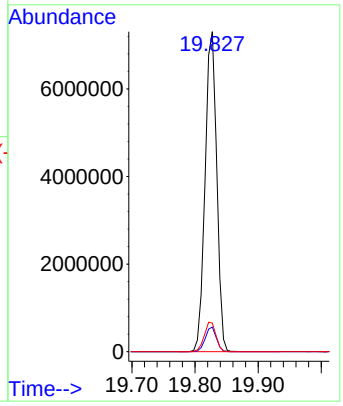


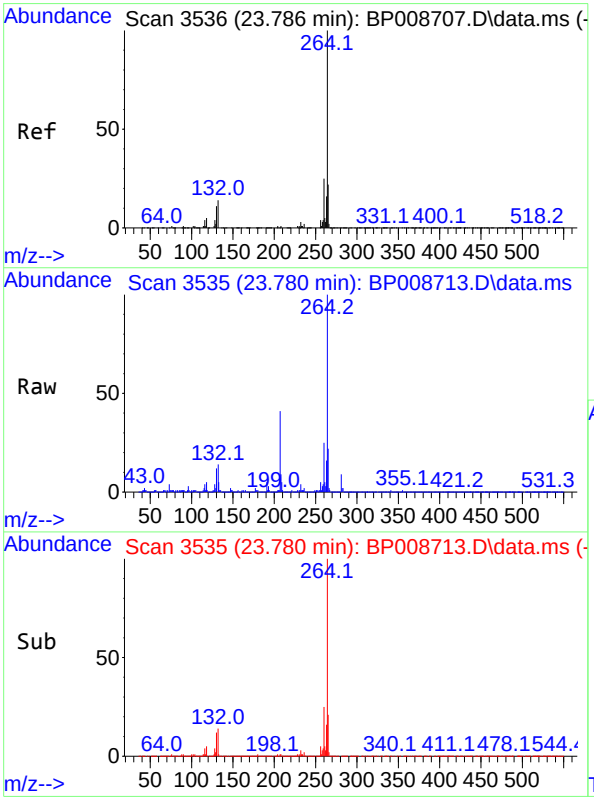
#79
Terphenyl-d14
Concen: 90.994 ng
RT: 19.827 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP008713.D
Acq: 06 Jan 2022 17:34

Instrument :
BNA_P
ClientSampleId :
DE-WATERING-EFFLUENT

Tgt Ion:244 Resp: 9331023

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	9.0	9.2	13.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3535
Delta R.T. -0.006 min
Lab File: BP008713.D
Acq: 06 Jan 2022 17:34

Tgt Ion:264 Resp: 2316119

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	22.1	17.1	25.7