Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008908.D
Acq On : 25 Jan 2022 15:22
Operator : CG/JU
Sample : N1210-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

Quant Time: Jan 26 01:57:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 26 01:52:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	219544	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	808369	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	508593	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	1078886	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1201740	20.000	ng	0.00
86) Perylene-d12	23.745	264	1356669	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	720432	50.746	ng	0.00
7) Phenol-d6	7.016	99	577594	33.597	ng	0.00
23) Nitrobenzene-d5	8.999	82	1200884	84.341	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	917069	123.876	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3036529	78.735	ng	0.00
79) Terphenyl-d14	19.798	244	4319393	60.669	ng	0.00
Target Compounds						Qvalue

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

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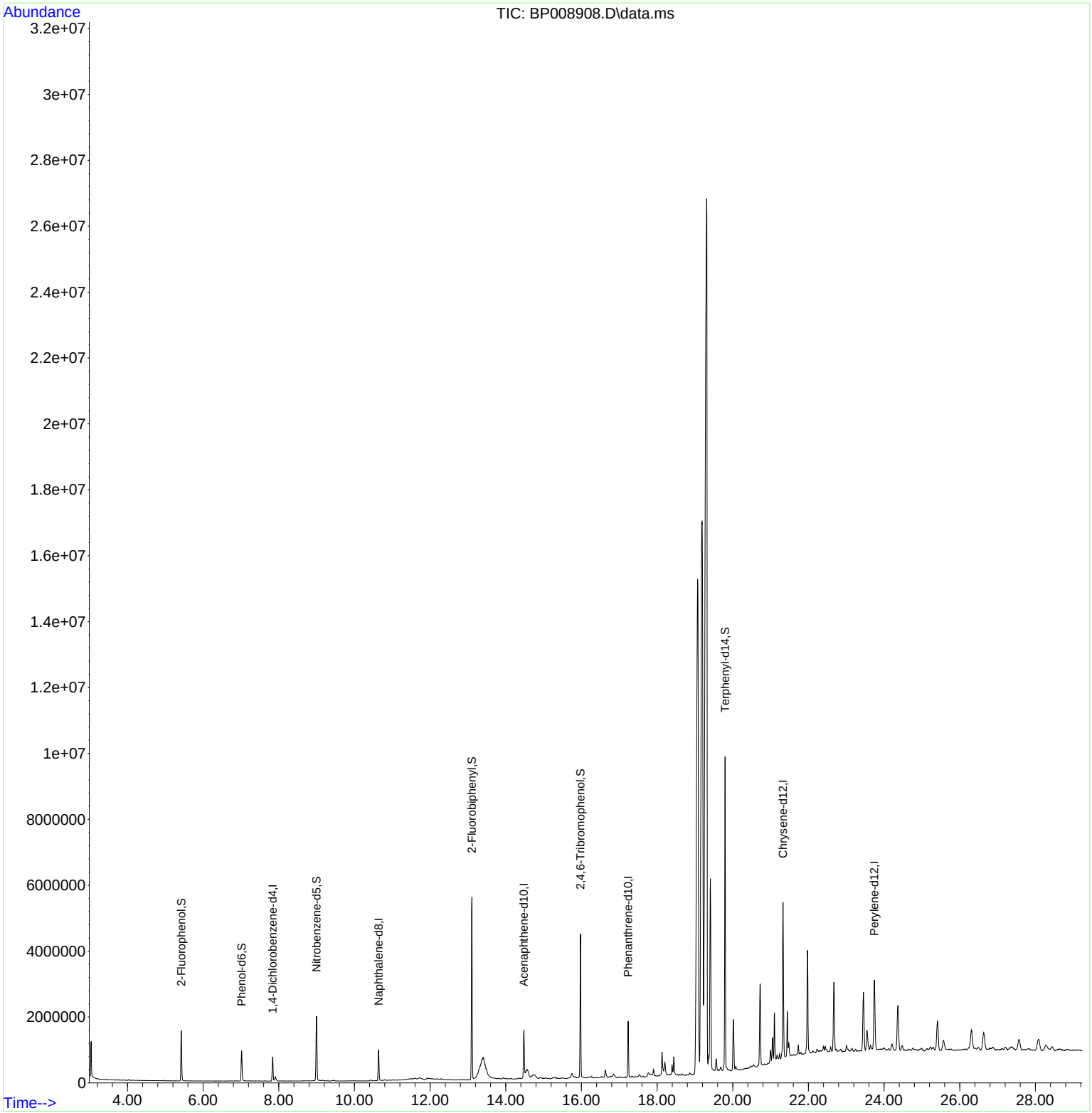
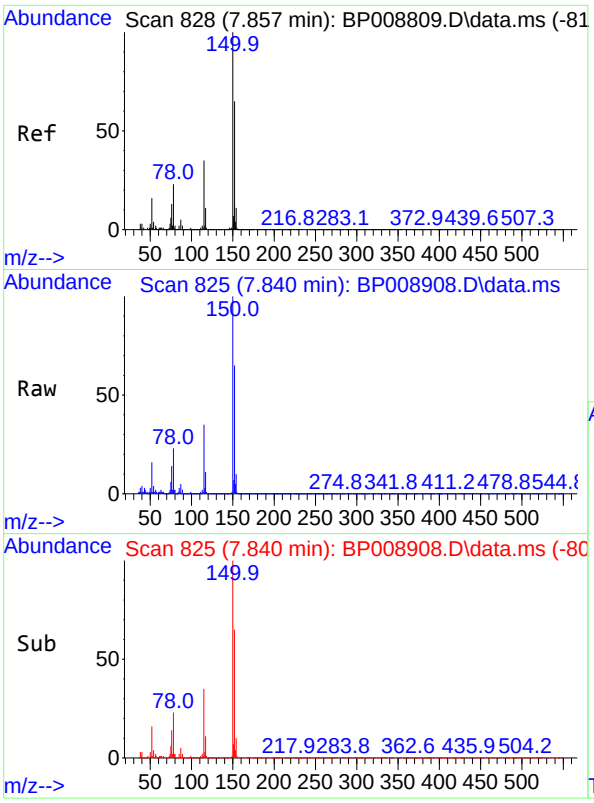


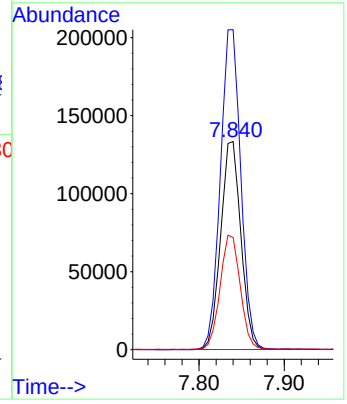


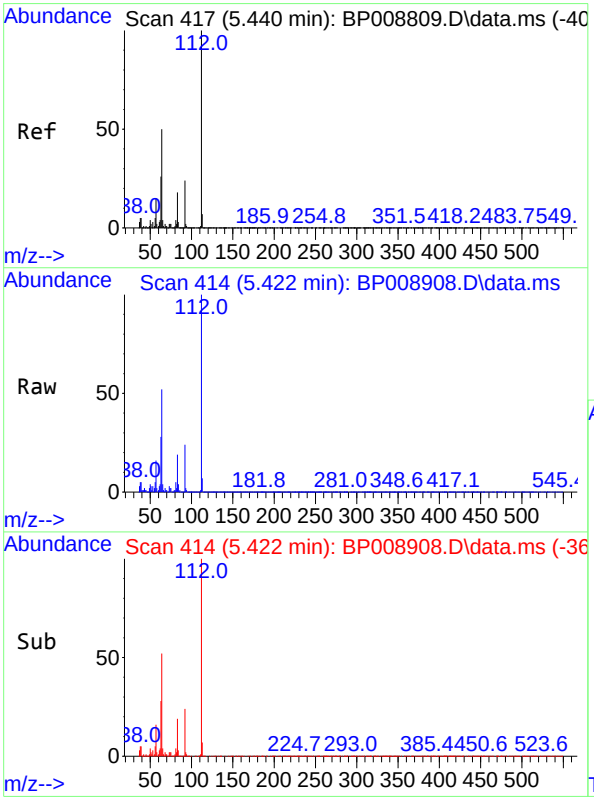
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP008908.D
Acq: 25 Jan 2022 15:22

Instrument :
BNA_P
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

Tgt Ion:152 Resp: 219544

Ion	Ratio	Lower	Upper
152	100		
150	153.7	127.0	190.6
115	53.9	43.7	65.5

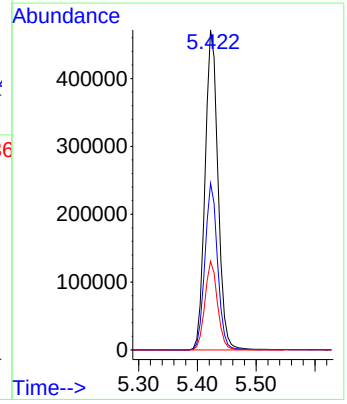


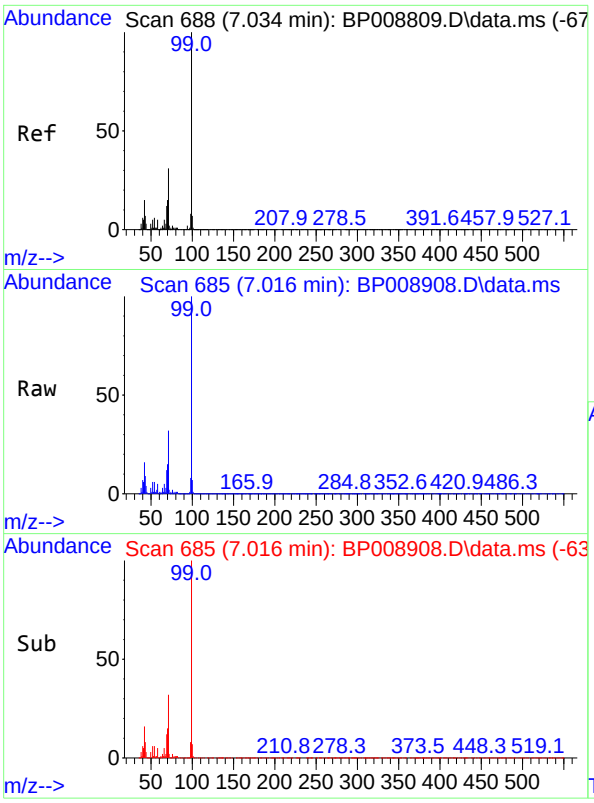


#5
2-Fluorophenol
Concen: 50.746 ng
RT: 5.422 min Scan# 414
Delta R.T. -0.006 min
Lab File: BP008908.D
Acq: 25 Jan 2022 15:22

Tgt Ion:112 Resp: 720432

Ion	Ratio	Lower	Upper
112	100		
64	52.1	39.7	59.5
63	27.7	20.0	30.0



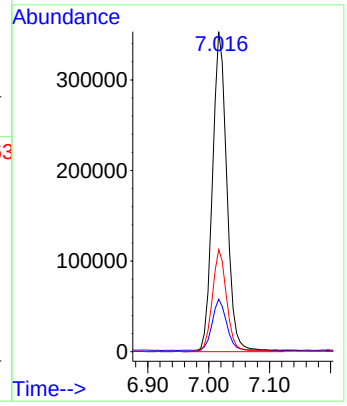


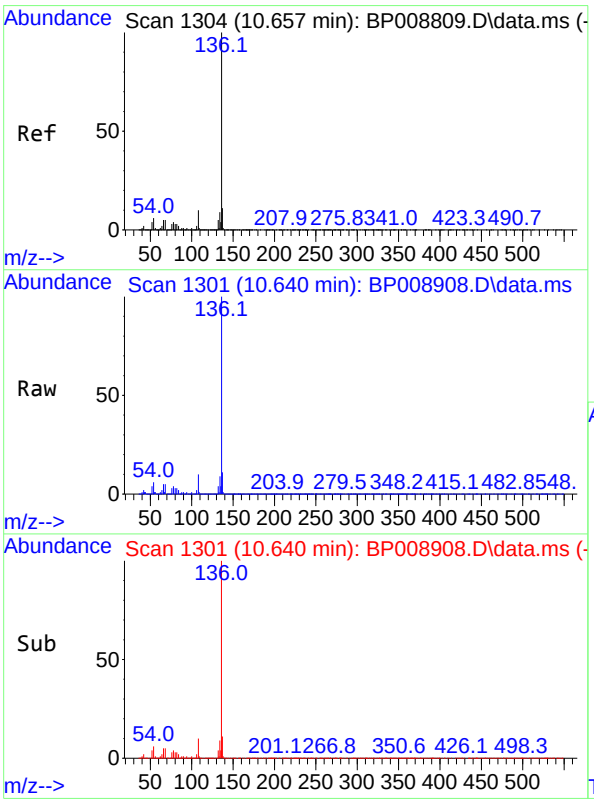
#7
Phenol-d6
Concen: 33.597 ng
RT: 7.016 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP008908.D
Acq: 25 Jan 2022 15:22

Instrument :
BNA_P
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

Tgt Ion: 99 Resp: 577594

Ion	Ratio	Lower	Upper
99	100		
42	16.4	10.8	16.2#
71	31.9	23.8	35.6

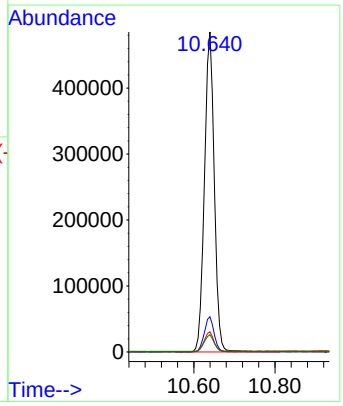


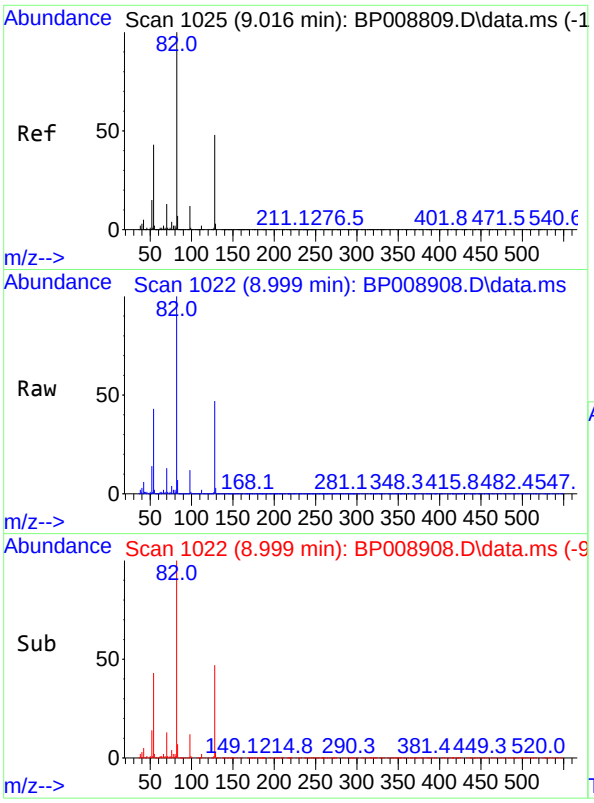


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BP008908.D
Acq: 25 Jan 2022 15:22

Tgt Ion:136 Resp: 808369

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.3	4.9	7.3
68	5.4	4.3	6.5



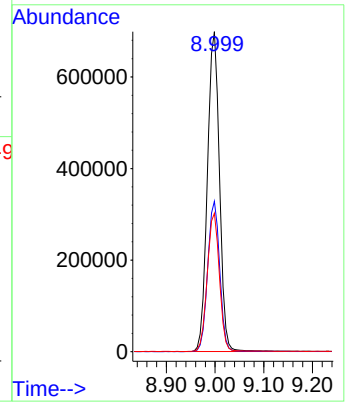


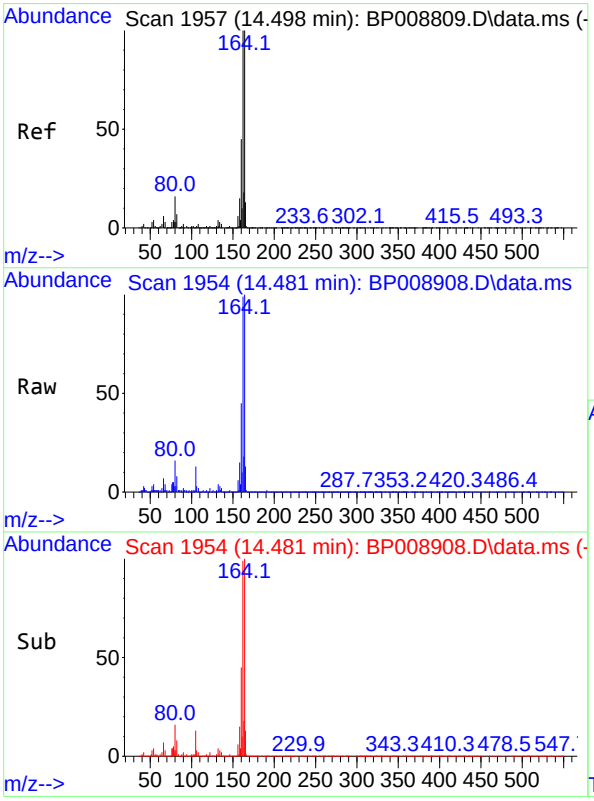
#23
Nitrobenzene-d5
Concen: 84.341 ng
RT: 8.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP008908.D
Acq: 25 Jan 2022 15:22

Instrument :
BNA_P
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

Tgt Ion: 82 Resp: 1200884

Ion	Ratio	Lower	Upper
82	100		
128	47.0	39.4	59.2
54	43.3	32.6	48.8

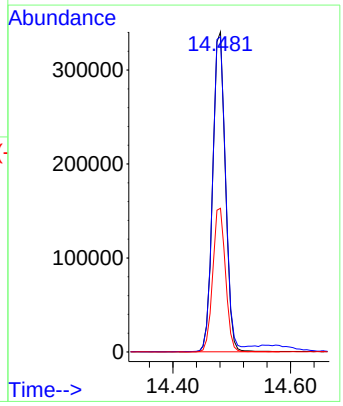


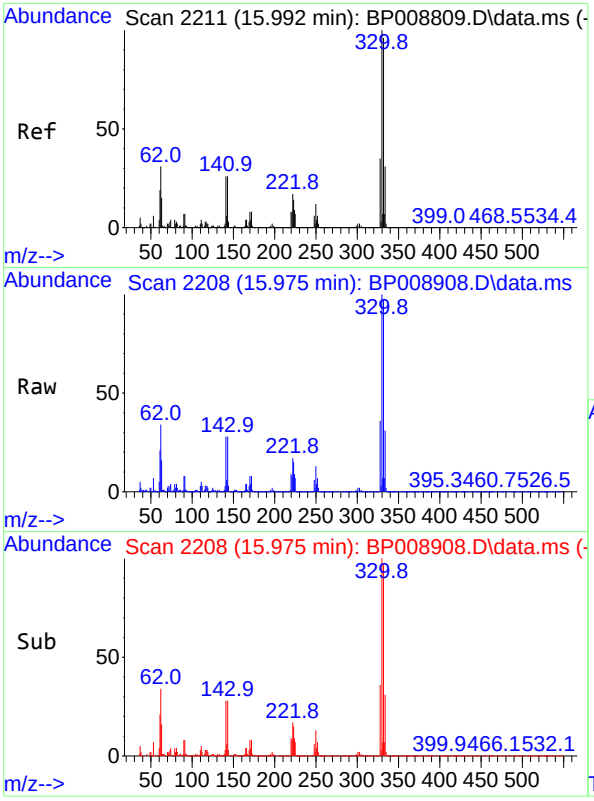


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP008908.D
Acq: 25 Jan 2022 15:22

Tgt Ion:164 Resp: 508593

Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.9	119.9
160	44.9	35.5	53.3



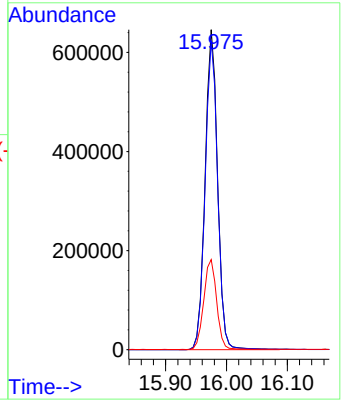


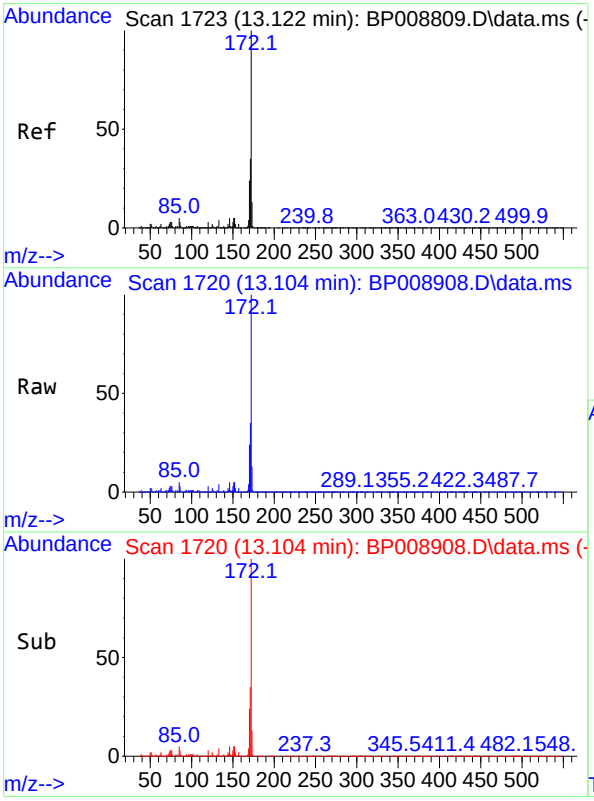
#42
2,4,6-Tribromophenol
Concen: 123.876 ng
RT: 15.975 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008908.D
Acq: 25 Jan 2022 15:22

Instrument :
BNA_P
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

Tgt Ion:330 Resp: 917069

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.4
141	29.2	21.3	31.9

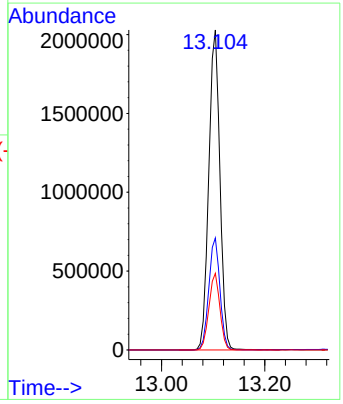


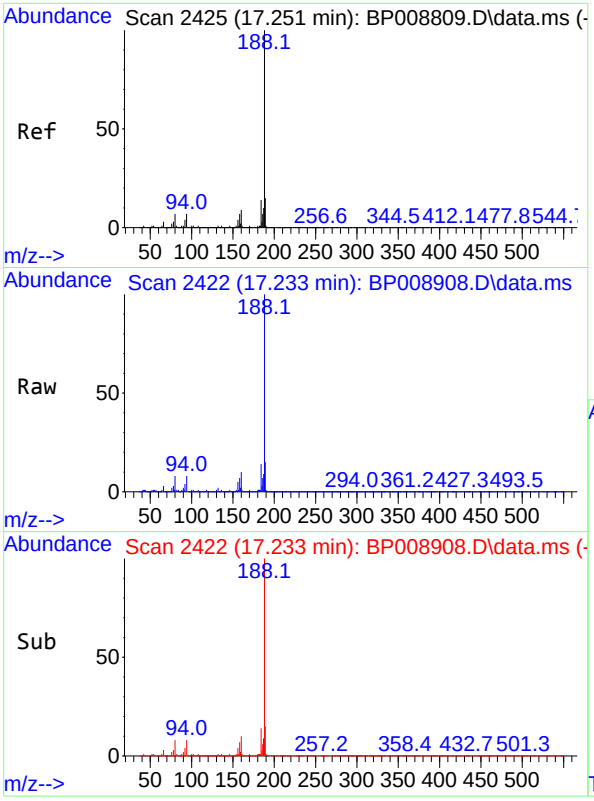


#45
2-Fluorobiphenyl
Concen: 78.735 ng
RT: 13.104 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BP008908.D
Acq: 25 Jan 2022 15:22

Tgt Ion:172 Resp: 3036529

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.3	43.9
170	23.9	19.5	29.3



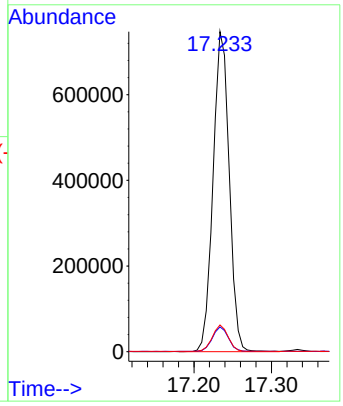


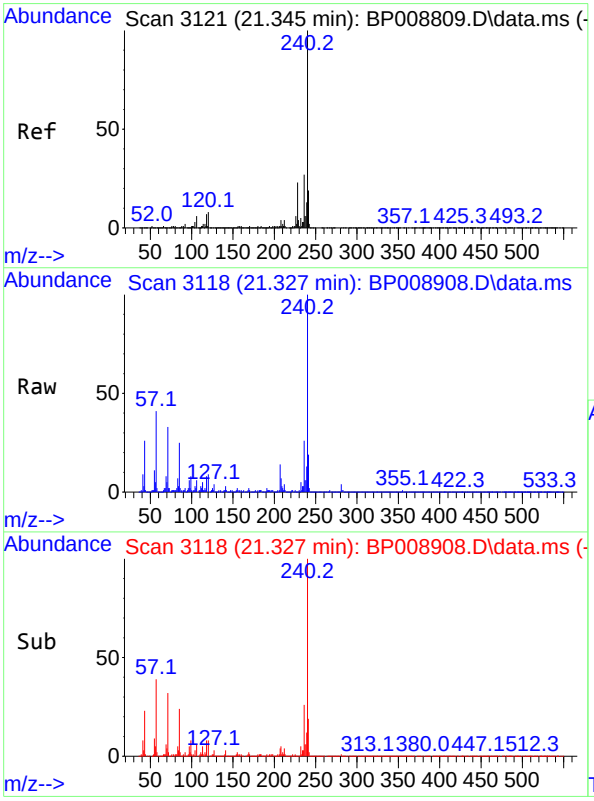
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP008908.D
Acq: 25 Jan 2022 15:22

Instrument :
BNA_P
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

Tgt Ion:188 Resp: 1078886

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.8	10.2
80	8.3	7.2	10.8

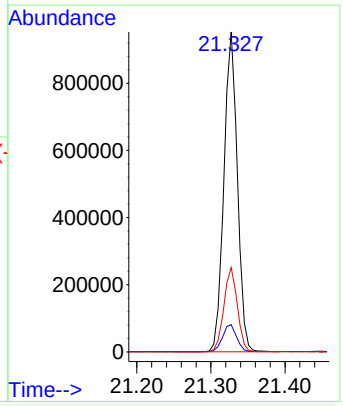


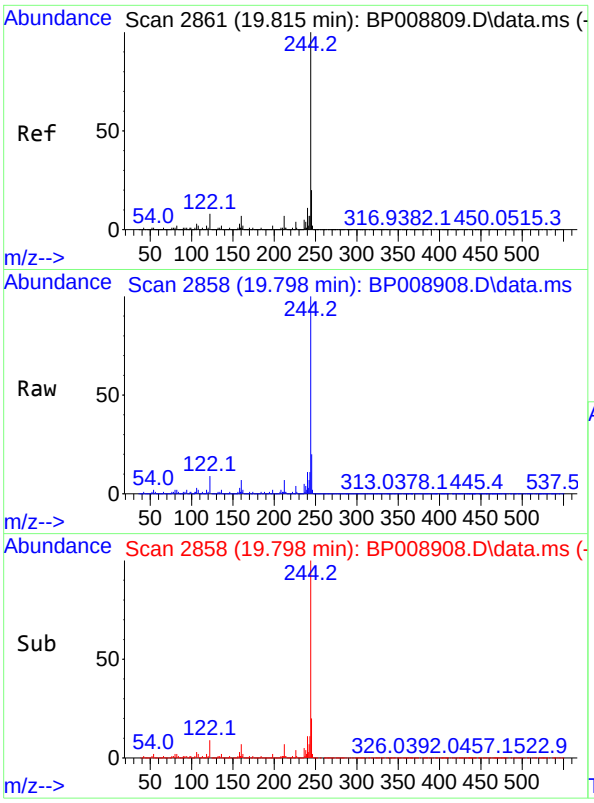


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP008908.D
Acq: 25 Jan 2022 15:22

Tgt Ion:240 Resp: 1201740

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.7	11.5
236	26.4	21.2	31.8



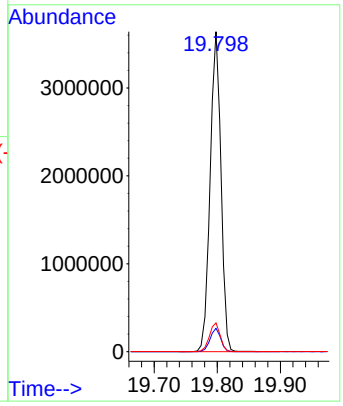


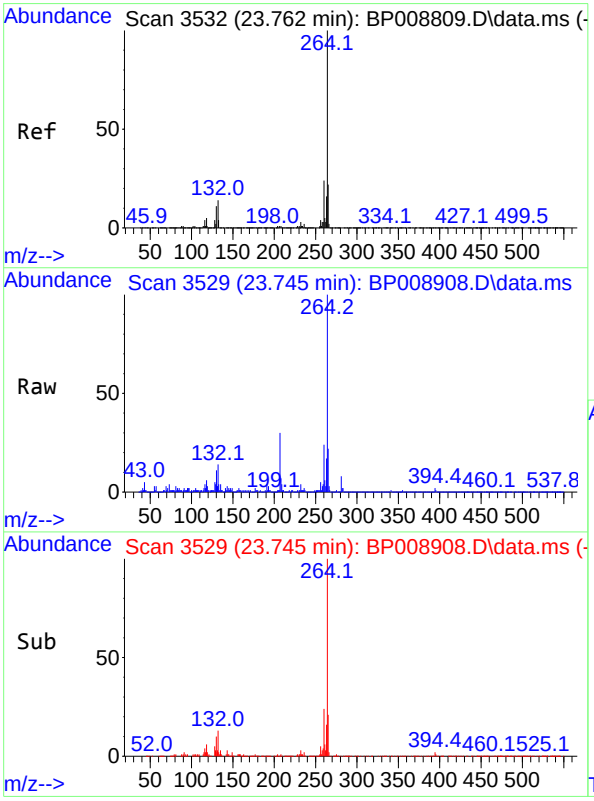
#79
Terphenyl-d14
Concen: 60.669 ng
RT: 19.798 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008908.D
Acq: 25 Jan 2022 15:22

Instrument :
BNA_P
ClientSampleId :
20220030-KEANSBURG-1-MODIFIED-ELUTRIATE

Tgt Ion:244 Resp: 4319393

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	9.0	9.2	13.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.745 min Scan# 3529
Delta R.T. -0.006 min
Lab File: BP008908.D
Acq: 25 Jan 2022 15:22

Tgt Ion:264 Resp: 1356669

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	22.0	17.1	25.7