Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
Data File : BP012628.D
Acq On : 12 Nov 2022 20:13
Operator : CG/JU
Sample : N5479-04RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TUL-ROS-1104RE

Quant Time: Nov 14 03:22:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 13 22:44:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	284943	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1156541	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	758995	20.000	ng	-0.01
64) Phenanthrene-d10	17.133	188	1741450	20.000	ng	-0.01
76) Chrysene-d12	21.233	240	1838074	20.000	ng	-0.01
86) Perylene-d12	23.574	264	1190478	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	2230076	145.733	ng	0.00
7) Phenol-d6	6.905	99	2702878	127.250	ng	0.00
23) Nitrobenzene-d5	8.887	82	1913249	91.777	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1719921	165.994	ng	-0.01
45) 2-Fluorobiphenyl	12.987	172	4415523	88.316	ng	-0.01
79) Terphenyl-d14	19.710	244	8019868	88.394	ng	0.00
Target Compounds						Qvalue

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

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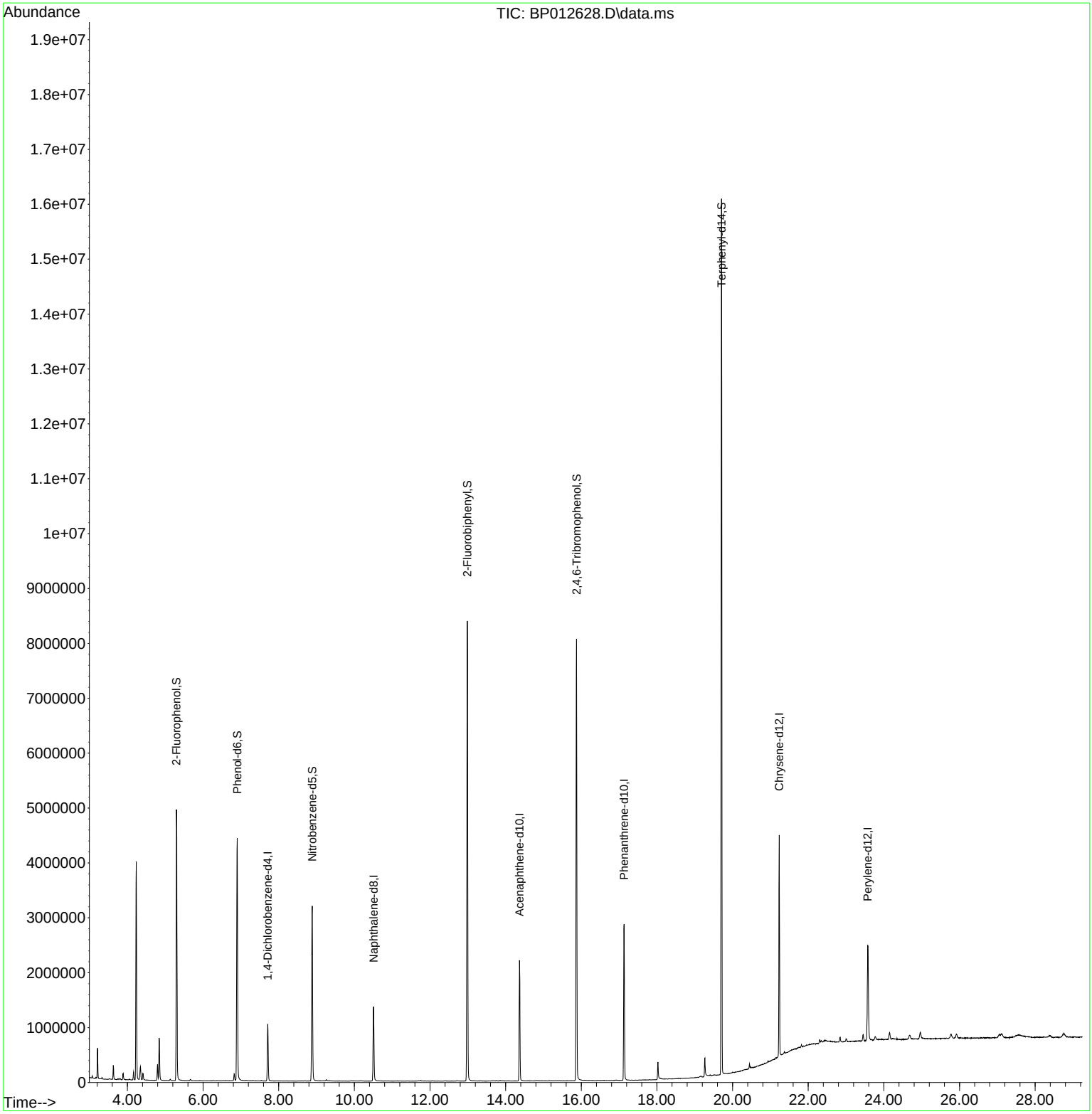
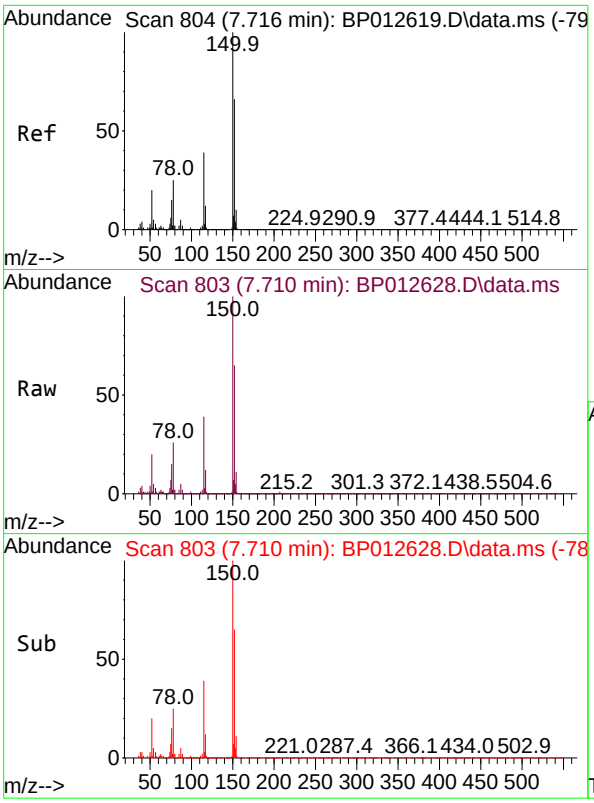


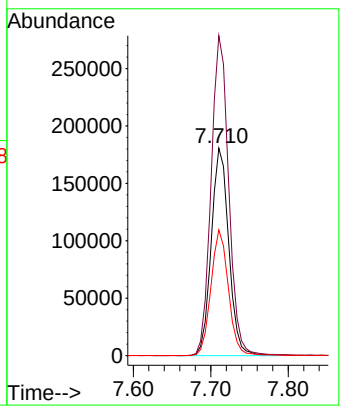


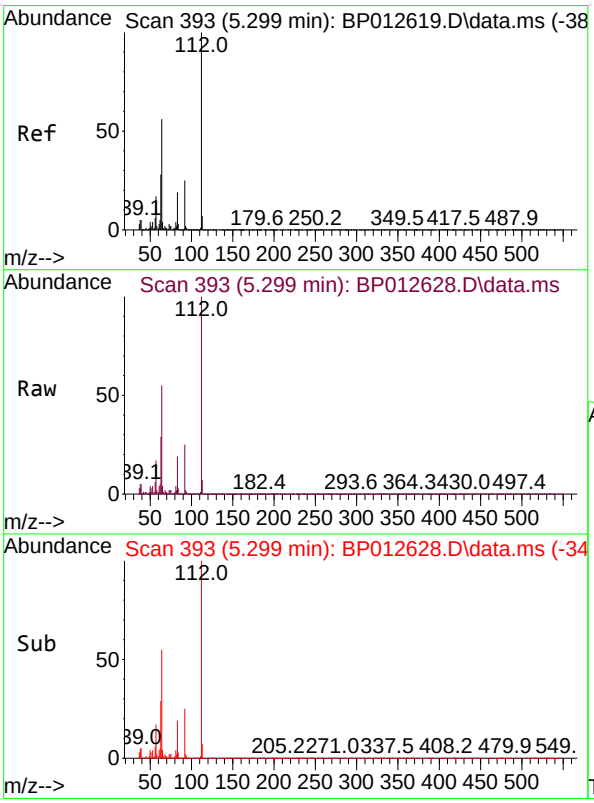
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Instrument :
BNA_P
ClientSampleId :
TUL-ROS-1104RE

Tgt Ion:152 Resp: 284943

Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.1	183.1
115	60.6	47.3	70.9

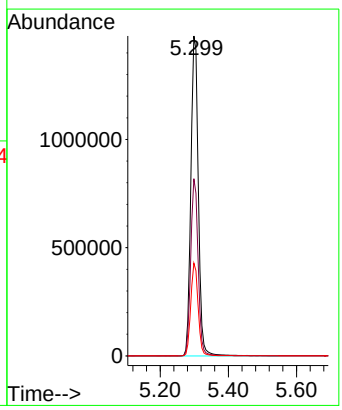


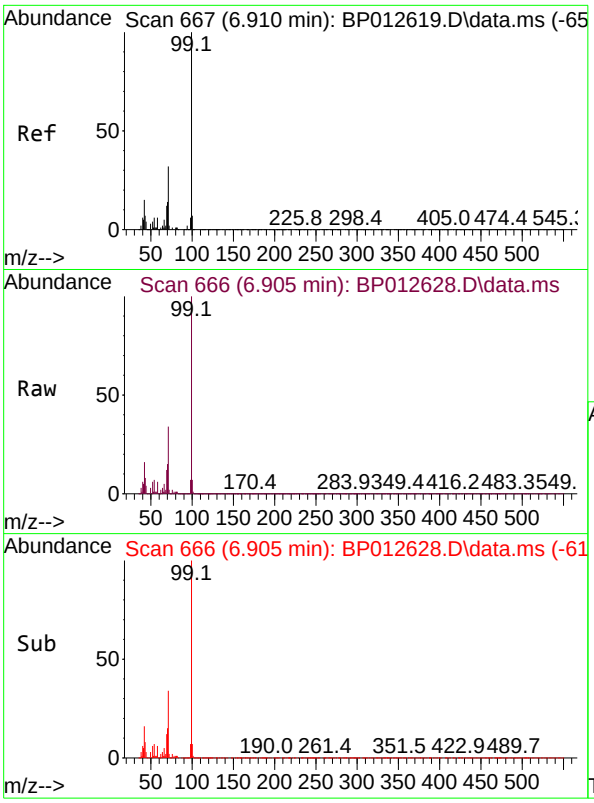


#5
2-Fluorophenol
Concen: 145.733 ng
RT: 5.299 min Scan# 393
Delta R.T. -0.000 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Tgt Ion:112 Resp: 2230076

Ion	Ratio	Lower	Upper
112	100		
64	55.4	44.6	67.0
63	29.0	22.8	34.2



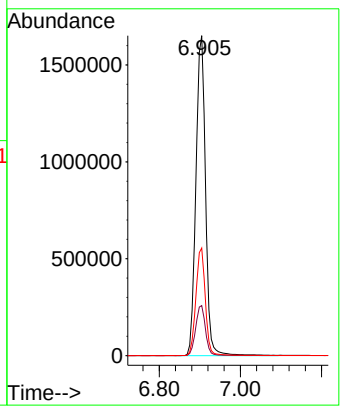


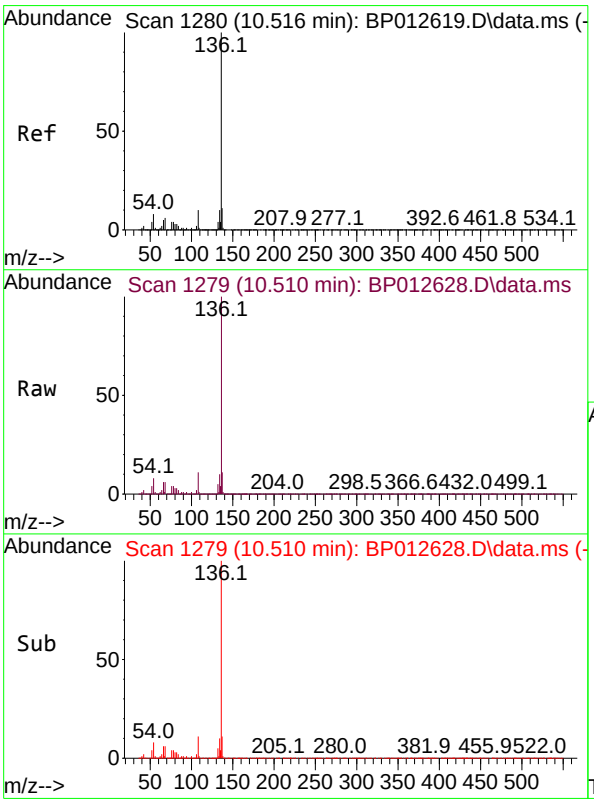
#7
Phenol-d6
Concen: 127.250 ng
RT: 6.905 min Scan# 6
Delta R.T. -0.005 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Instrument :
BNA_P
ClientSampleId :
TUL-ROS-1104RE

Tgt Ion: 99 Resp: 2702878

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.2	18.2
71	33.6	26.0	39.0

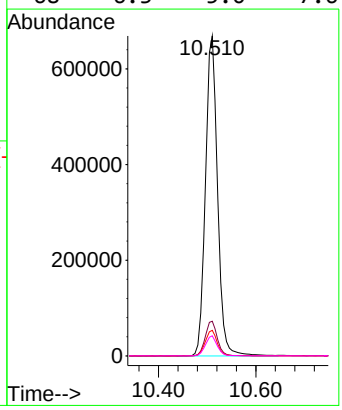


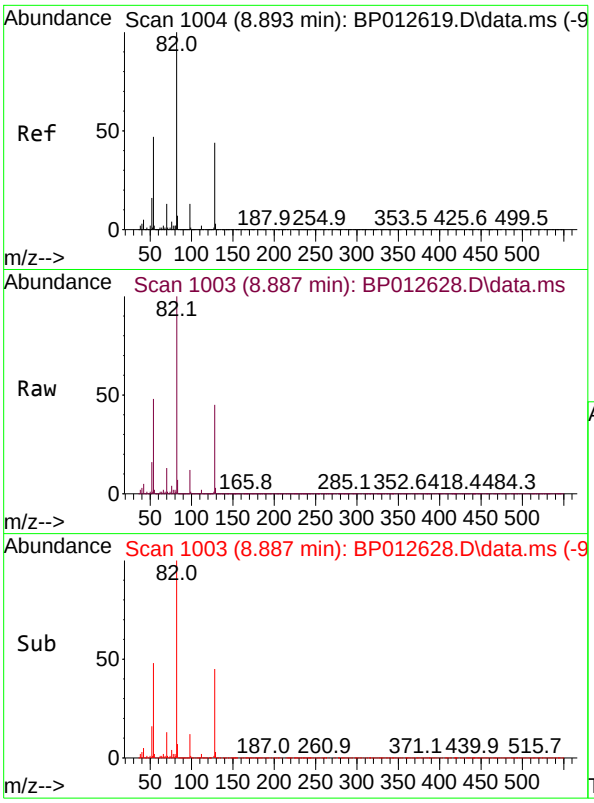


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Tgt Ion:136 Resp: 1156541

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.0	6.4	9.6
68	6.3	5.0	7.6



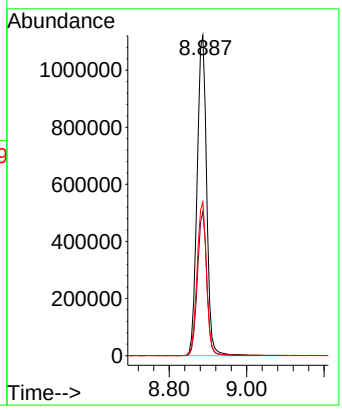


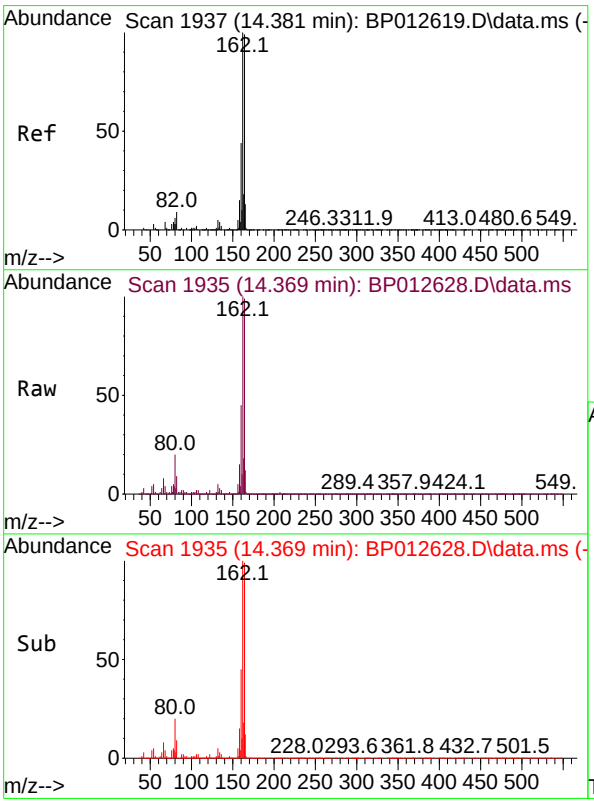
#23
Nitrobenzene-d5
Concen: 91.777 ng
RT: 8.887 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Instrument :
BNA_P
ClientSampleId :
TUL-ROS-1104RE

Tgt Ion: 82 Resp: 1913249

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.4	53.2
54	48.0	37.8	56.6

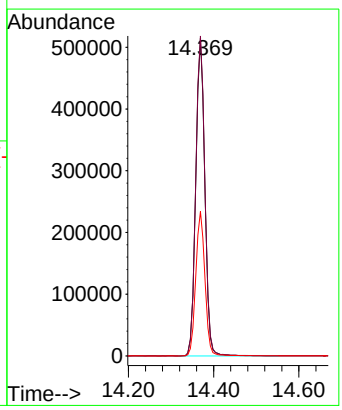


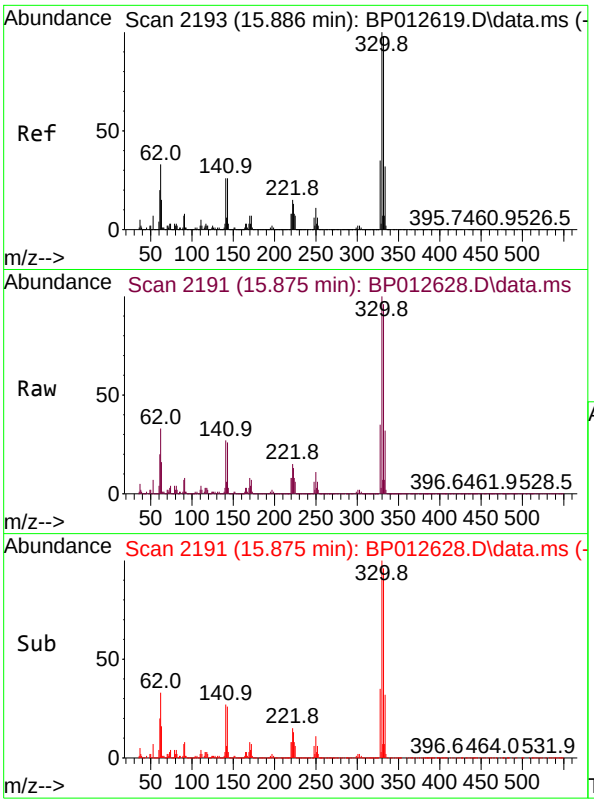


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Tgt Ion:164 Resp: 758995

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.0	121.6
160	45.5	36.1	54.1



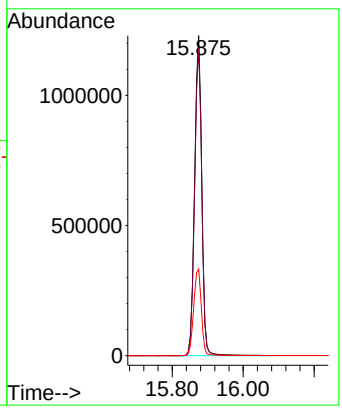


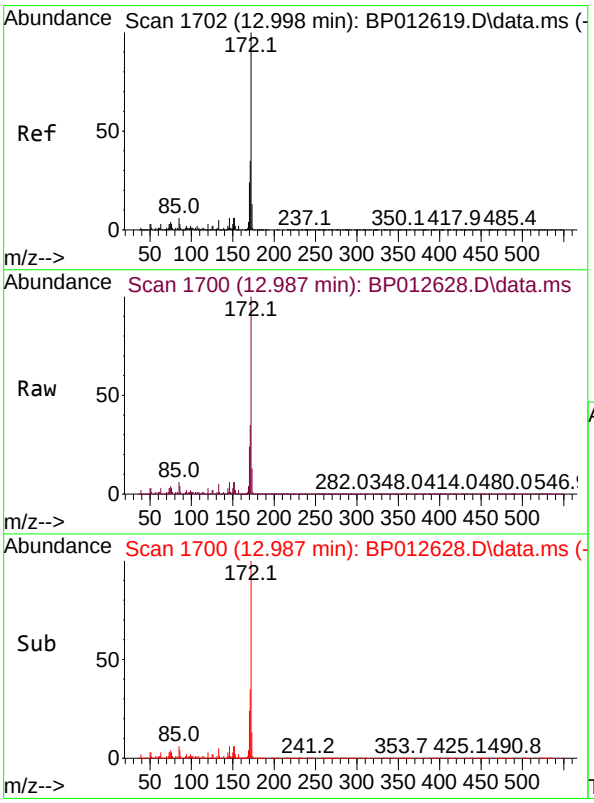
#42
2,4,6-Tribromophenol
Concen: 165.994 ng
RT: 15.875 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Instrument :
BNA_P
ClientSampleId :
TUL-ROS-1104RE

Tgt Ion:330 Resp: 1719921

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	29.0	23.7	35.5

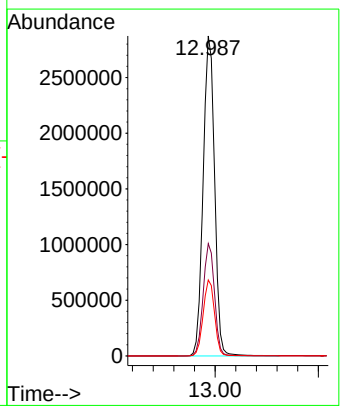


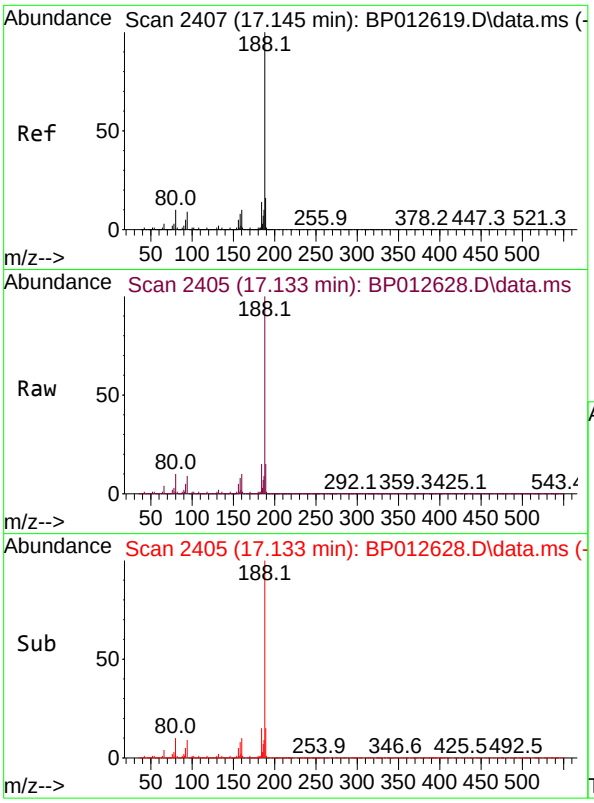


#45
2-Fluorobiphenyl
Concen: 88.316 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.011 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Tgt Ion:172 Resp: 4415523

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	23.7	19.0	28.6



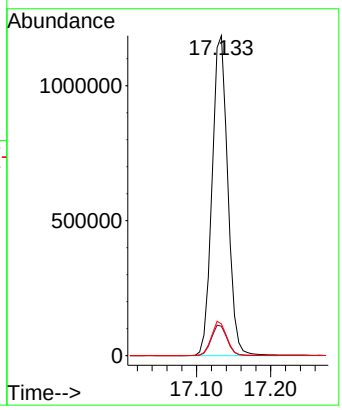


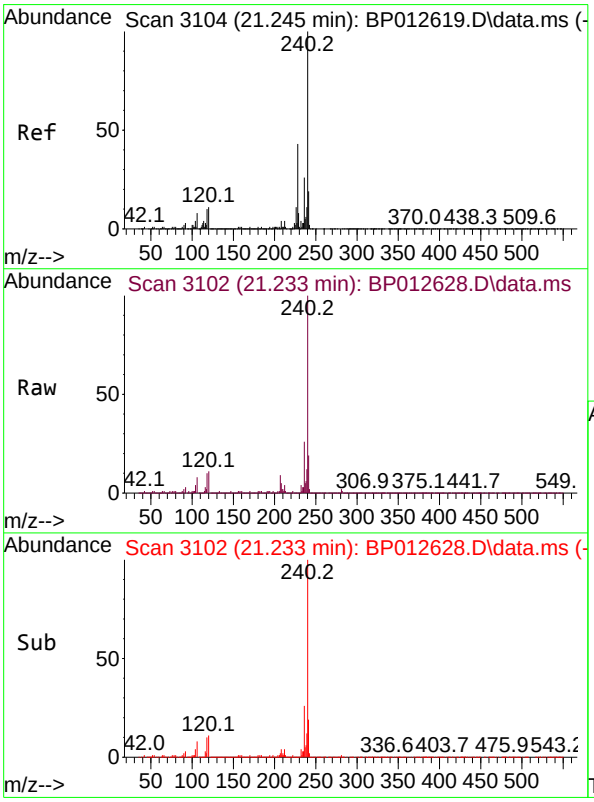
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Instrument :
BNA_P
ClientSampleId :
TUL-ROS-1104RE

Tgt Ion:188 Resp: 1741450

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	9.9	8.2	12.2

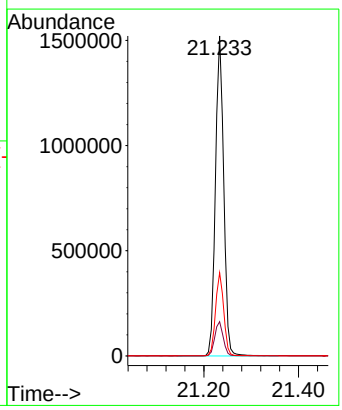


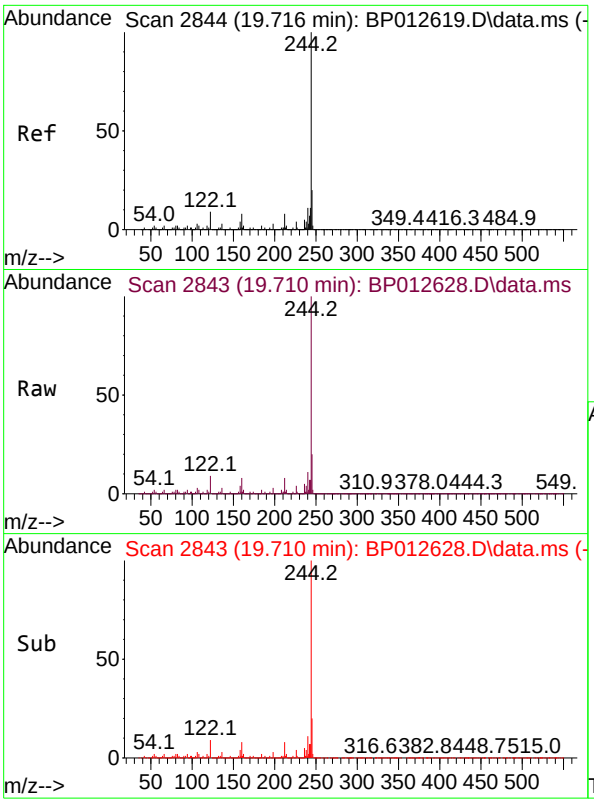


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.233 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Tgt Ion:240 Resp: 1838074

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	26.0	20.8	31.2



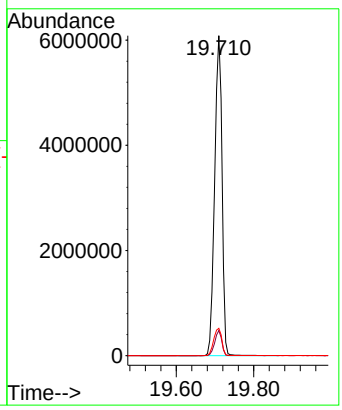


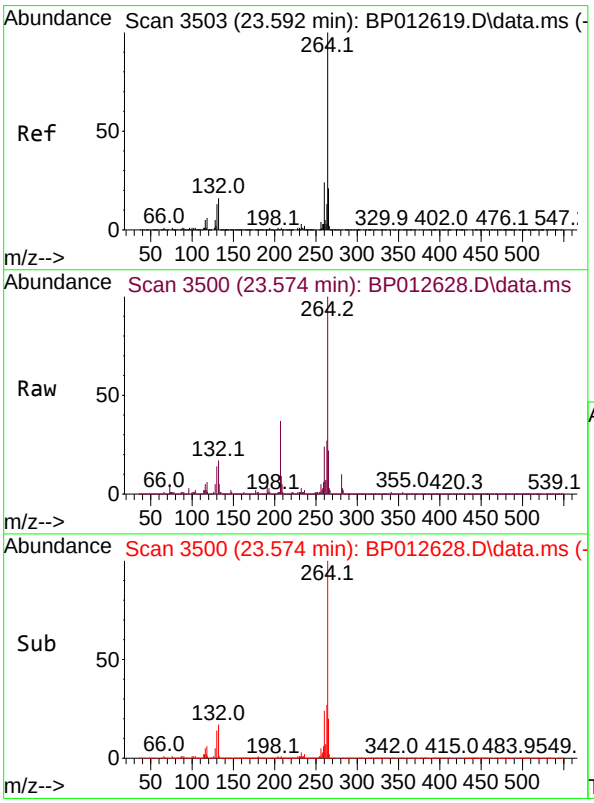
#79
Terphenyl-d14
Concen: 88.394 ng
RT: 19.710 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Instrument :
BNA_P
ClientSampleId :
TUL-ROS-1104RE

Tgt Ion:244 Resp: 8019868

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	8.5	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.574 min Scan# 3500
Delta R.T. -0.018 min
Lab File: BP012628.D
Acq: 12 Nov 2022 20:13

Tgt Ion:264 Resp: 1190478

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	21.5	17.8	26.8