Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103122\
Data File : BM037288.D
Acq On : 31 Oct 2022 14:06
Operator : CG/JU
Sample : N5318-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20221108-COMP-07

Quant Time: Nov 01 05:01:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 31 01:34:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	250477	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	978102	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	532839	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	1050015	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1155811	20.000	ng	0.00
86) Perylene-d12	23.774	264	1316003	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1399756	96.547	ng	0.00
7) Phenol-d6	7.040	99	1734591	88.152	ng	0.00
23) Nitrobenzene-d5	9.033	82	1018573	52.540	ng	-0.01
42) 2,4,6-Tribromophenol	15.992	330	578666	92.154	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	2128389	53.074	ng	-0.01
79) Terphenyl-d14	19.862	244	3167910	49.151	ng	0.00
Target Compounds						Qvalue

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

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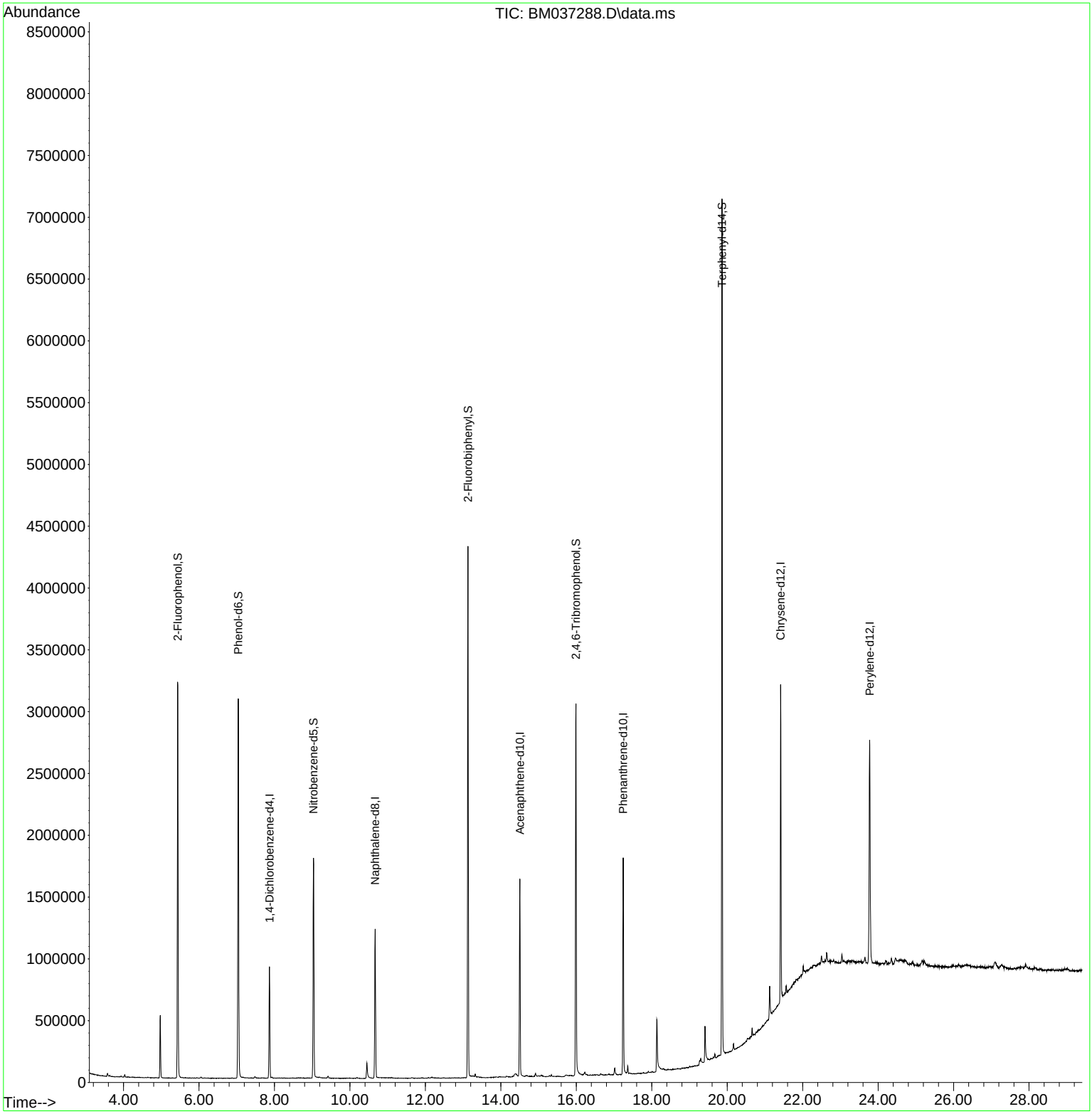
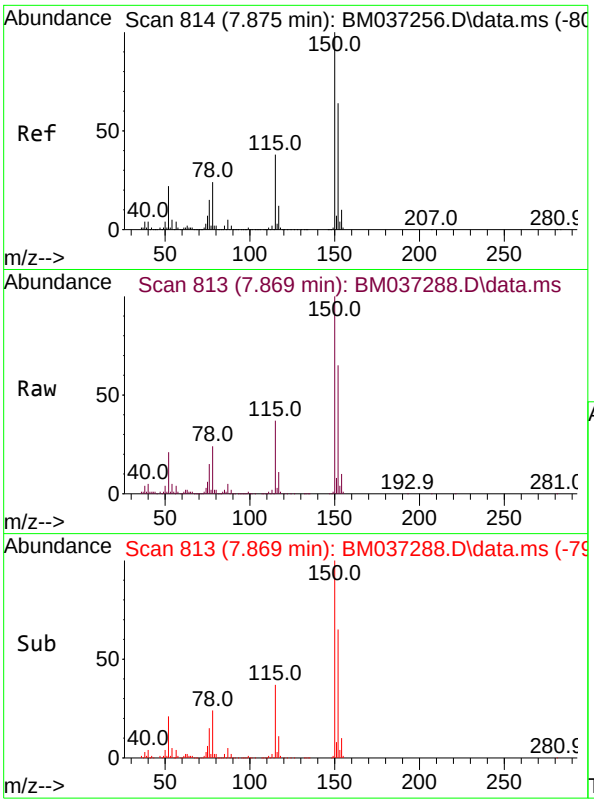


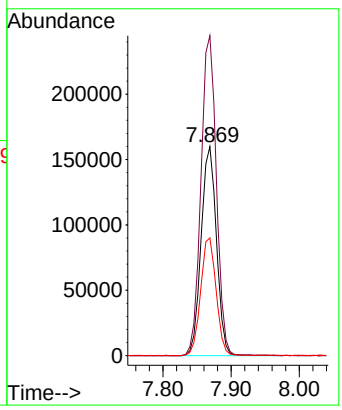


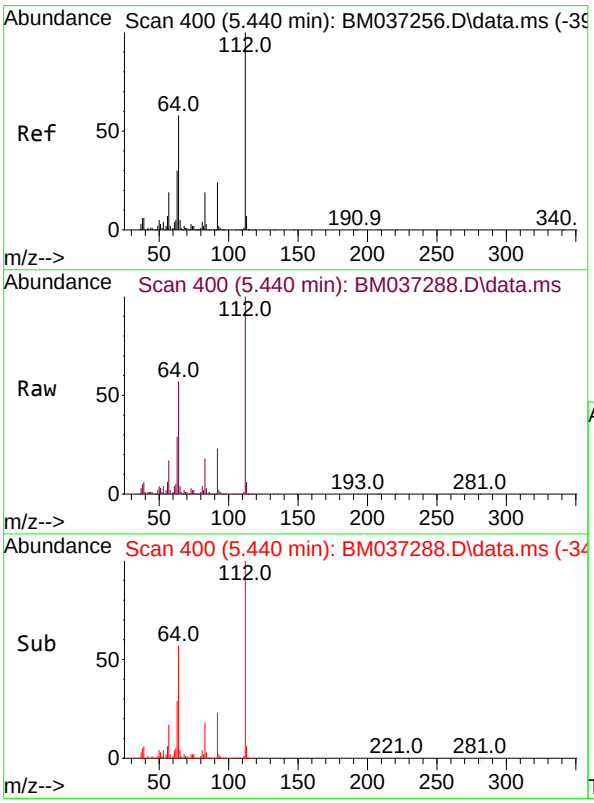
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM037288.D
Acq: 31 Oct 2022 14:06

Instrument :
BNA_M
ClientSampleId :
20221108-COMP-07

Tgt Ion:152 Resp: 250477

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.8	187.2
115	56.3	47.0	70.4

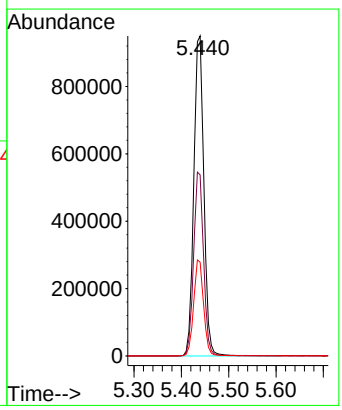


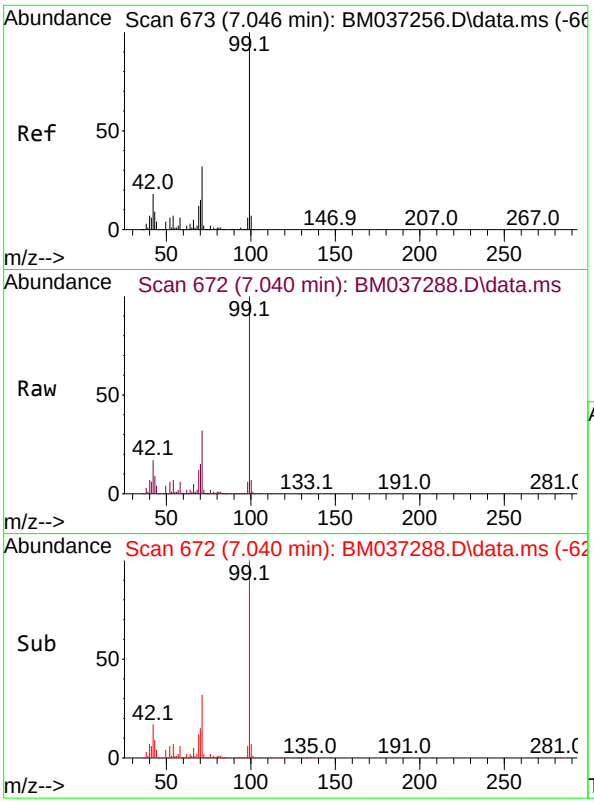


#5
2-Fluorophenol
Concen: 96.547 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM037288.D
Acq: 31 Oct 2022 14:06

Tgt Ion:112 Resp: 1399756

Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.8	70.2
63	29.3	24.4	36.6



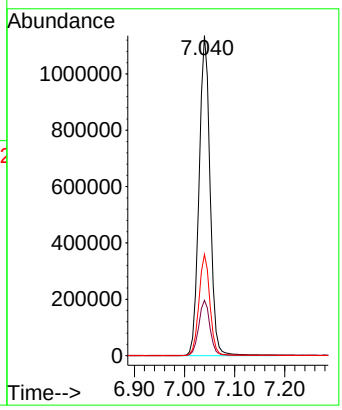


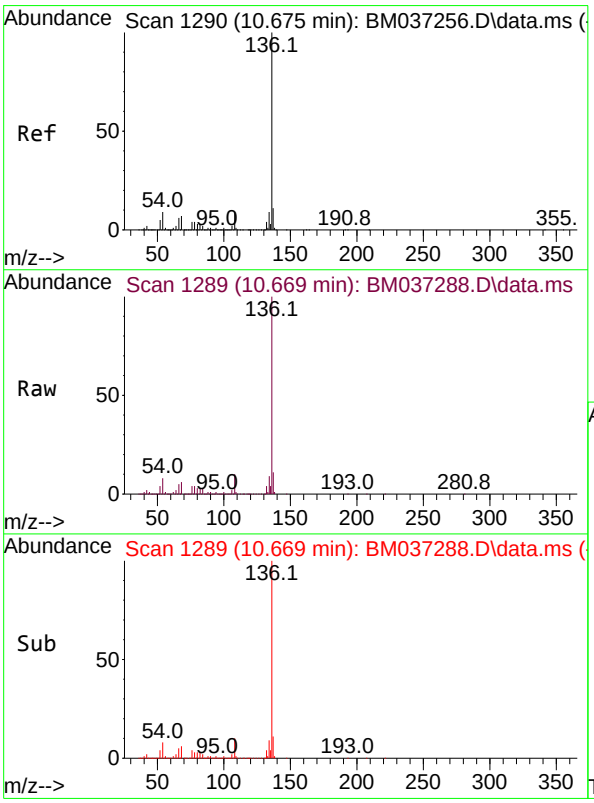
#7
Phenol-d6
Concen: 88.152 ng
RT: 7.040 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM037288.D
Acq: 31 Oct 2022 14:06

Instrument :
BNA_M
ClientSampleId :
20221108-COMP-07

Tgt Ion: 99 Resp: 1734591

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.8	22.2
71	31.6	25.6	38.4

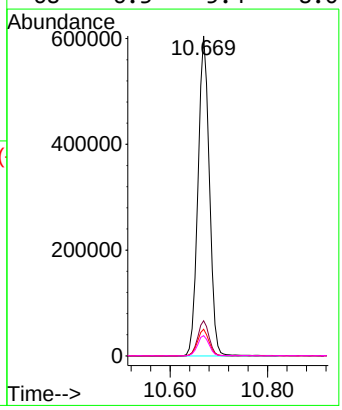


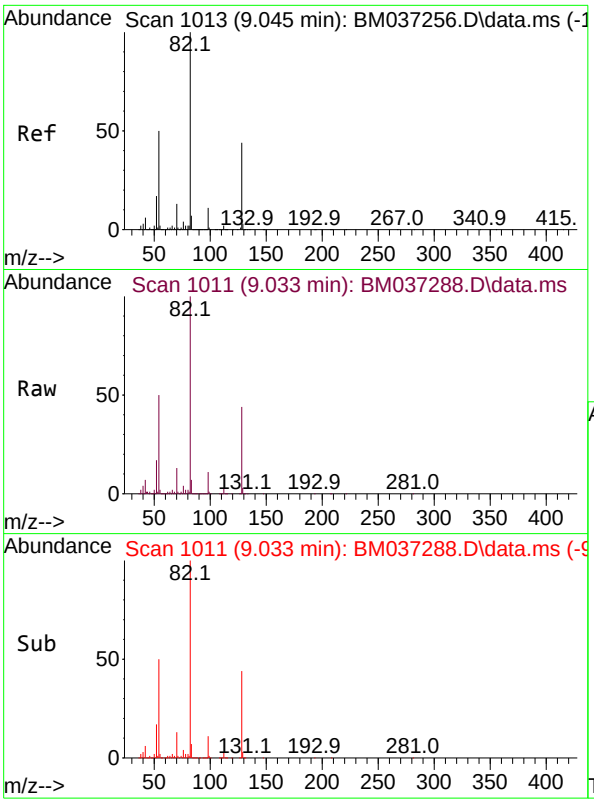


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM037288.D
Acq: 31 Oct 2022 14:06

Tgt Ion:136 Resp: 978102

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.4	7.0	10.4
68	6.3	5.4	8.0



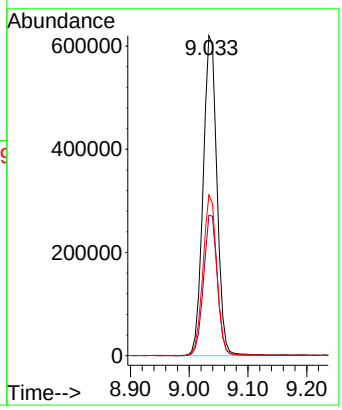


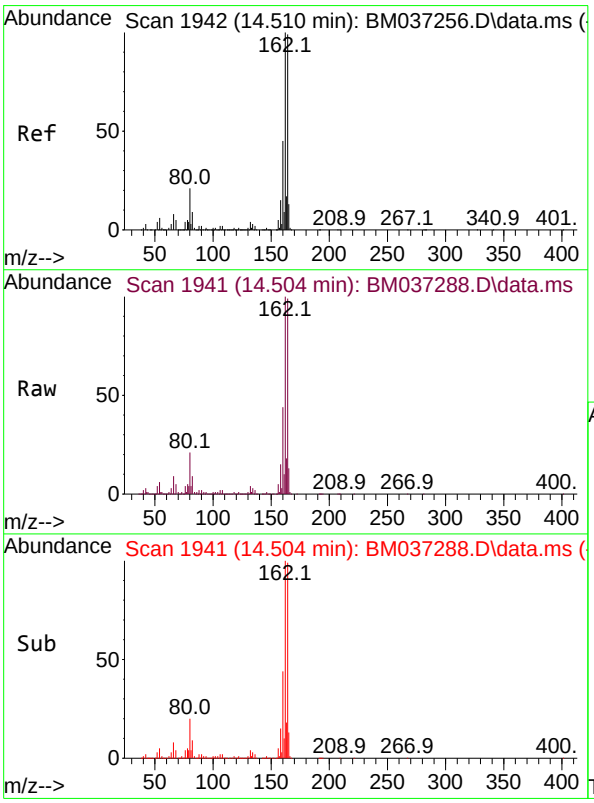
#23
Nitrobenzene-d5
Concen: 52.540 ng
RT: 9.033 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM037288.D
Acq: 31 Oct 2022 14:06

Instrument :
BNA_M
ClientSampleId :
20221108-COMP-07

Tgt Ion: 82 Resp: 1018573

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.2	52.8
54	50.2	40.4	60.6

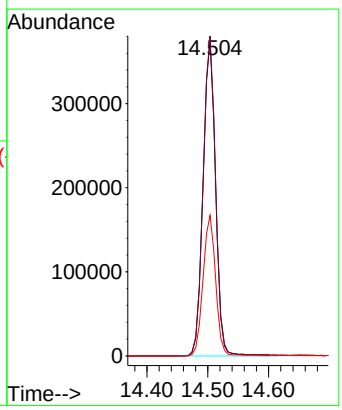


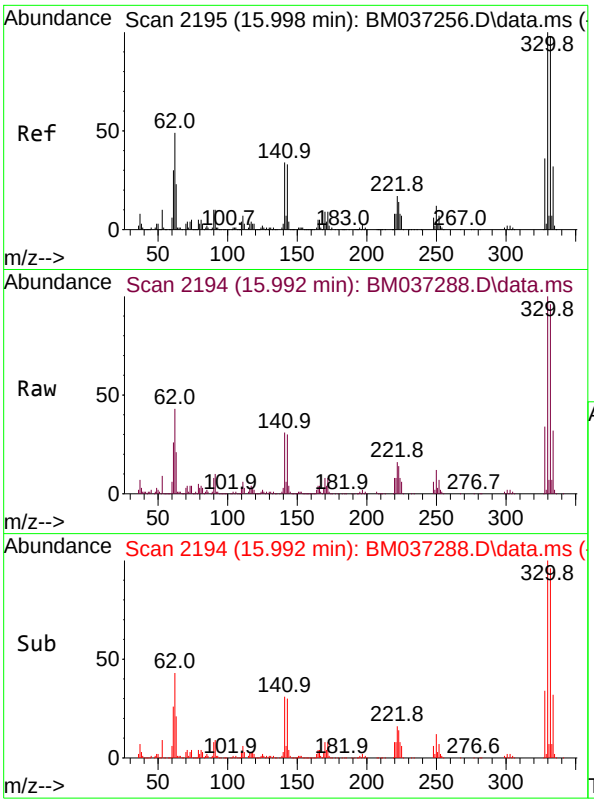


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BM037288.D
Acq: 31 Oct 2022 14:06

Tgt Ion:164 Resp: 532839

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	44.5	36.2	54.4



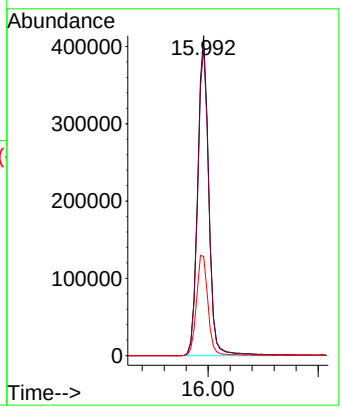


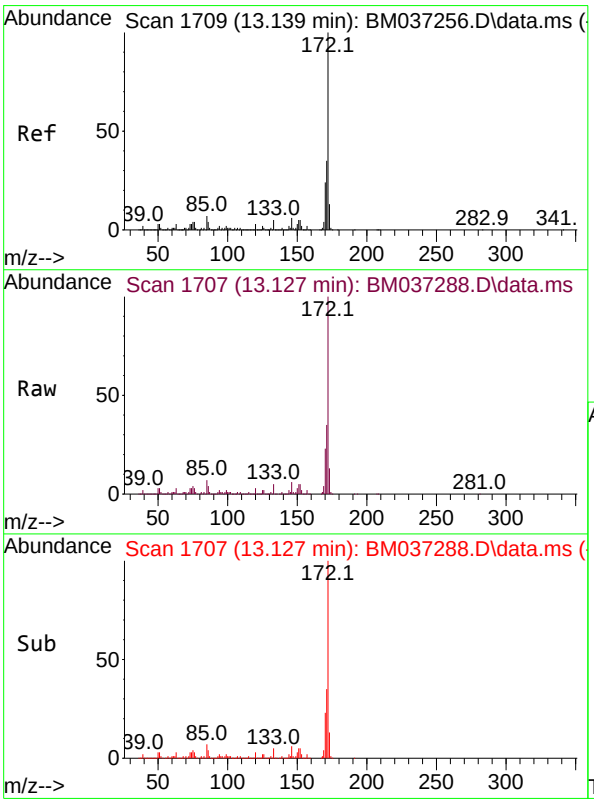
#42
2,4,6-Tribromophenol
Concen: 92.154 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037288.D
Acq: 31 Oct 2022 14:06

Instrument :
BNA_M
ClientSampleId :
20221108-COMP-07

Tgt Ion:330 Resp: 578666

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.0	117.0
141	32.8	27.5	41.3

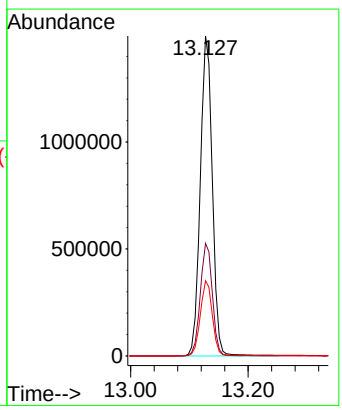


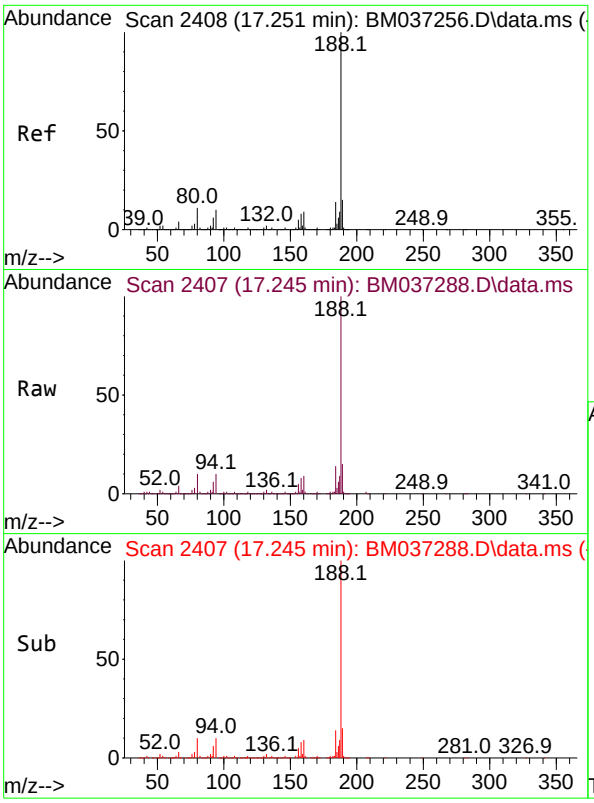


#45
2-Fluorobiphenyl
Concen: 53.074 ng
RT: 13.127 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BM037288.D
Acq: 31 Oct 2022 14:06

Tgt Ion:172 Resp: 2128389

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.5	19.0	28.4



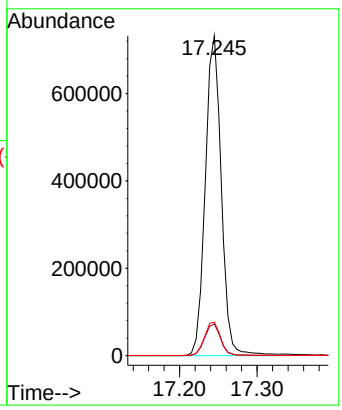


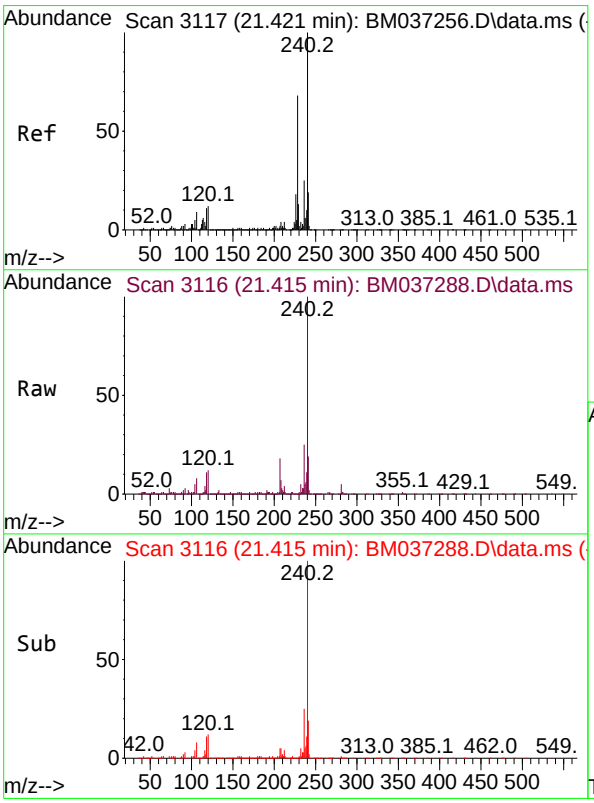
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM037288.D
Acq: 31 Oct 2022 14:06

Instrument :
BNA_M
ClientSampleId :
20221108-COMP-07

Tgt Ion:188 Resp: 1050015

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.9	11.9
80	10.4	8.5	12.7

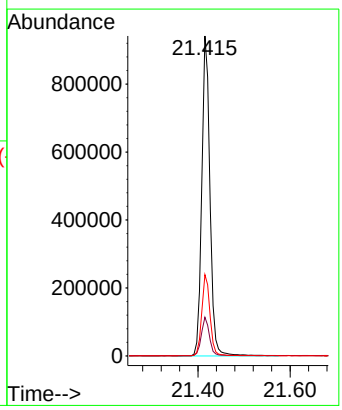


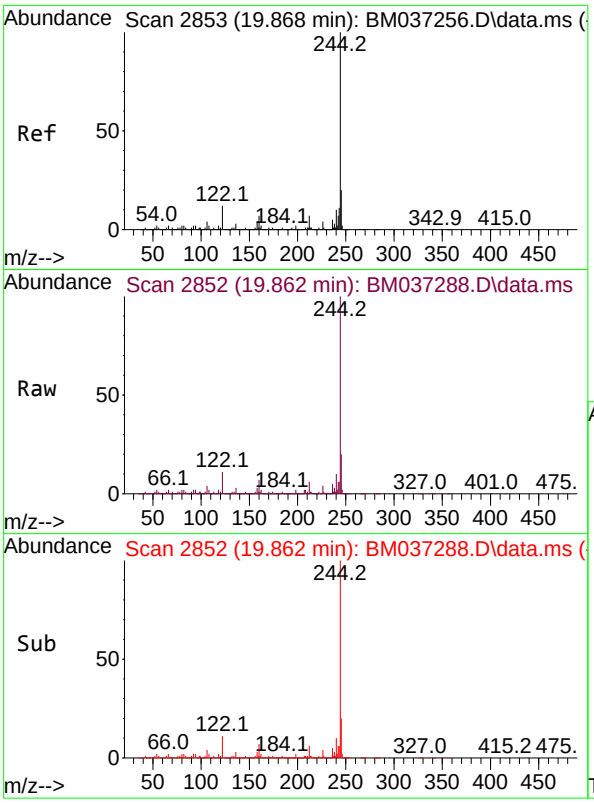


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM037288.D
Acq: 31 Oct 2022 14:06

Tgt Ion:240 Resp: 1155811

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.9	14.9
236	25.4	20.3	30.5



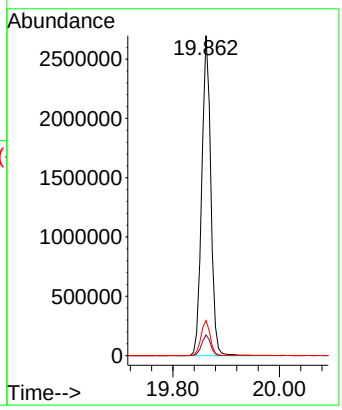


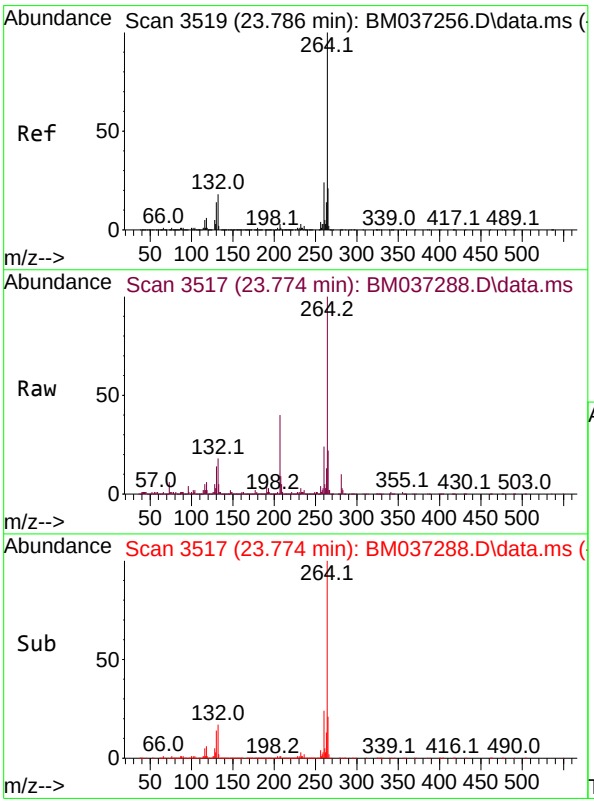
#79
Terphenyl-d14
Concen: 49.151 ng
RT: 19.862 min Scan# 28
Delta R.T. -0.006 min
Lab File: BM037288.D
Acq: 31 Oct 2022 14:06

Instrument :
BNA_M
ClientSampleId :
20221108-COMP-07

Tgt Ion:244 Resp: 3167910

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	11.0	9.4	14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.012 min
Lab File: BM037288.D
Acq: 31 Oct 2022 14:06

Tgt Ion:264 Resp: 1316003

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.0	17.7	26.5