Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042691.D
Acq On : 10 Nov 2023 14:58
Operator : MA/JU
Sample : 05280-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MH-1-GW

Quant Time: Nov 10 15:46:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	38169	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	162256	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	123683	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	298099	20.000	ng	0.00
76) Chrysene-d12	21.439	240	329662	20.000	ng	# 0.00
86) Perylene-d12	23.809	264	329445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	130800	55.305	ng	0.00
7) Phenol-d6	7.011	99	100526	30.992	ng	0.00
23) Nitrobenzene-d5	9.046	82	358701	103.055	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	319577	197.907	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	916480	99.708	ng	0.00
79) Terphenyl-d14	19.874	244	1969370	101.294	ng	0.00
Target Compounds						Qvalue

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

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QLast Update : Thu Nov 09 13:21:00 2023
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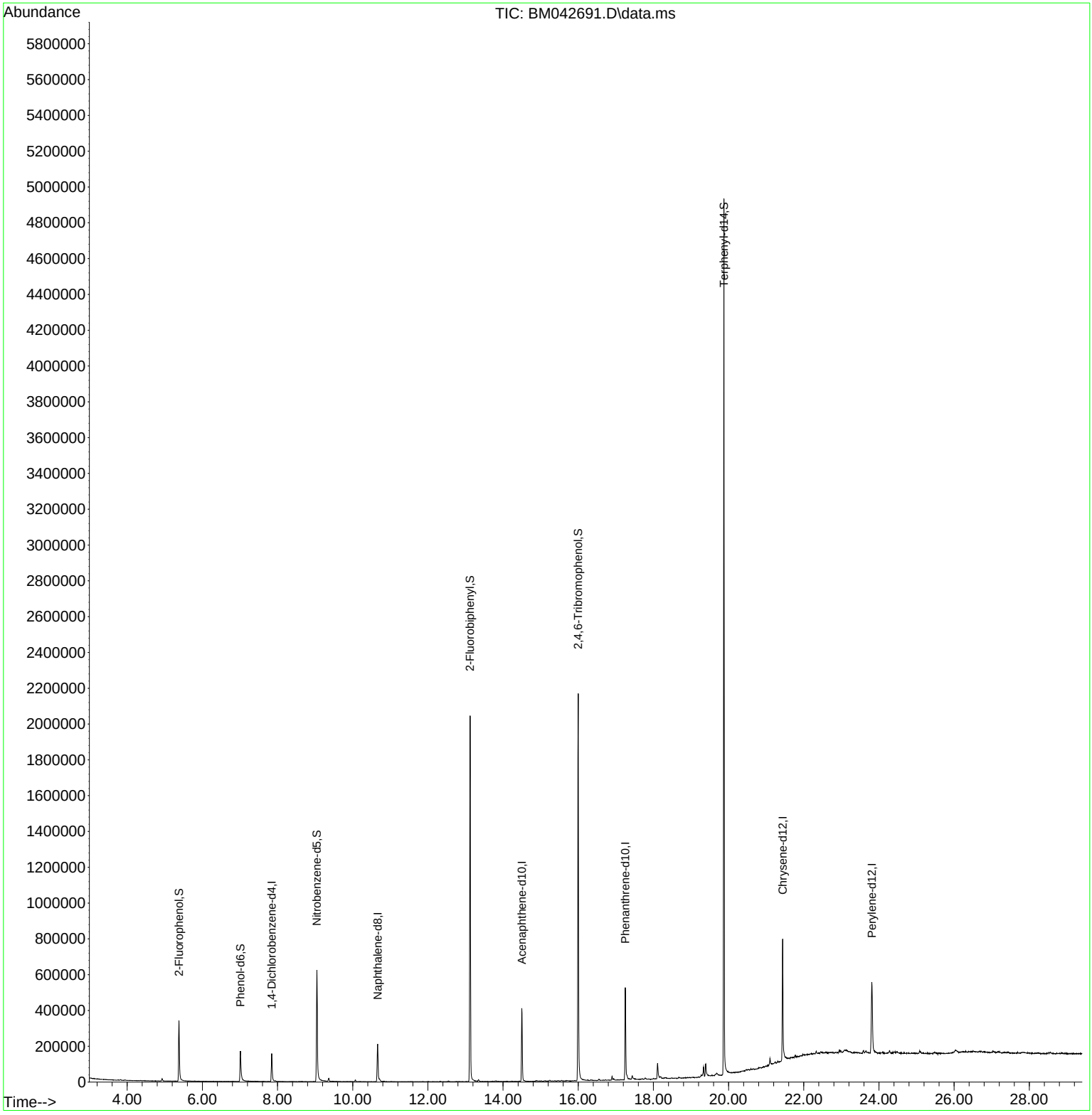
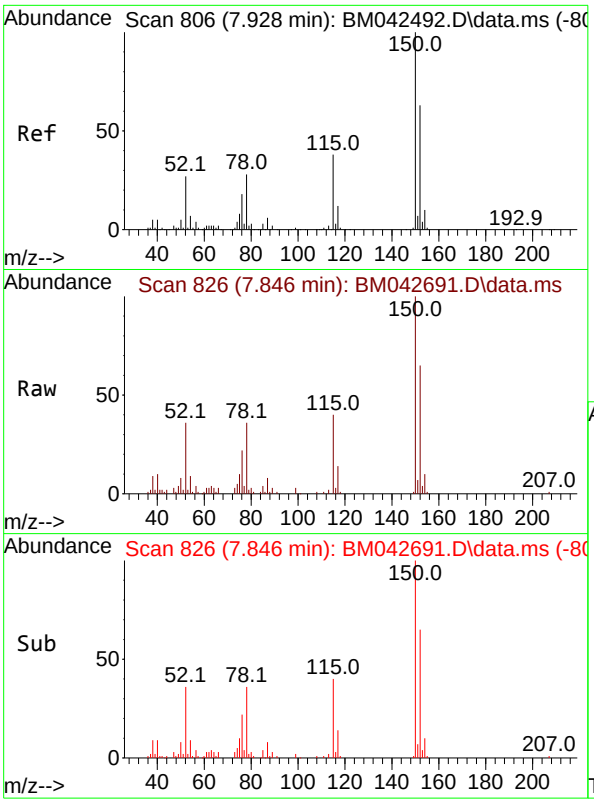


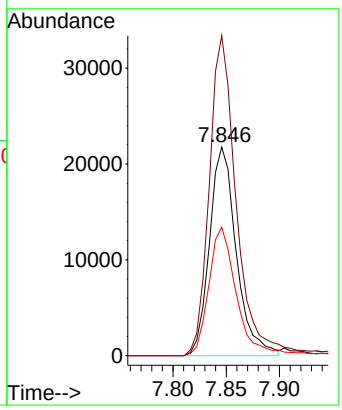


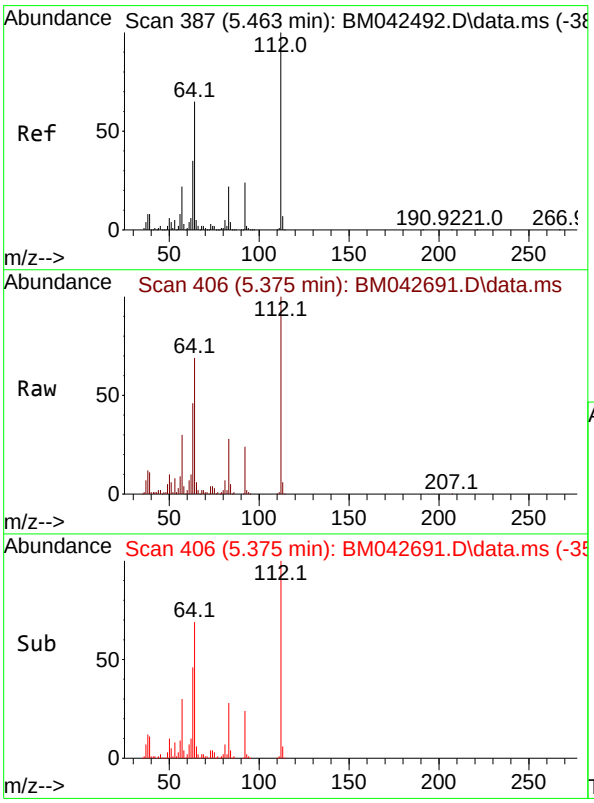
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 8
Delta R.T. 0.001 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Instrument :
BNA_M
ClientSampleId :
MH-1-GW

Tgt Ion:152 Resp: 38169

Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.4	191.0
115	61.5	47.9	71.9

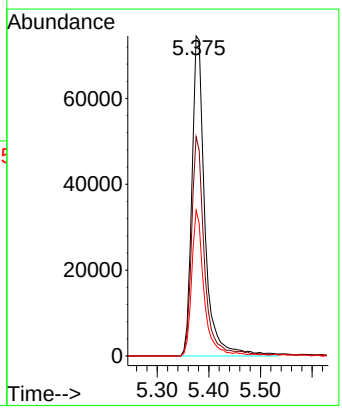


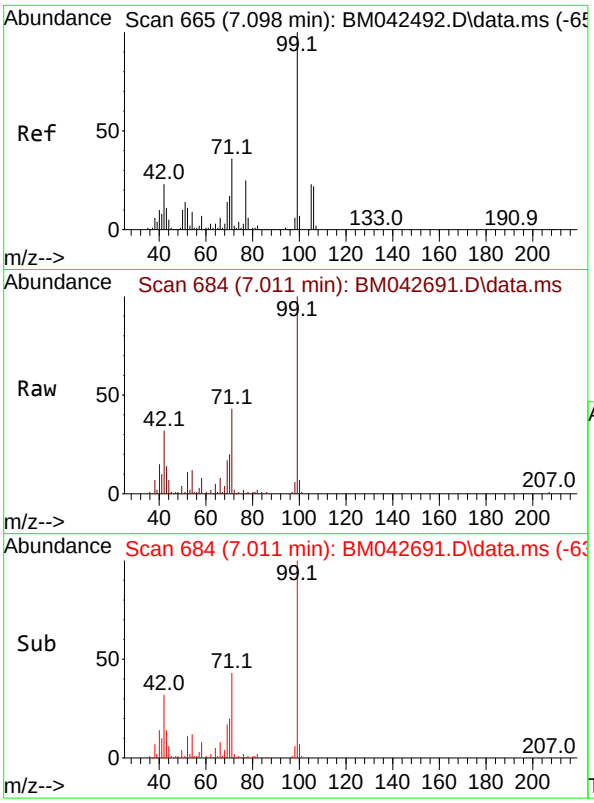


#5
2-Fluorophenol
Concen: 55.305 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Tgt Ion:112 Resp: 130800

Ion	Ratio	Lower	Upper
112	100		
64	68.5	52.1	78.1
63	45.5	28.3	42.5#



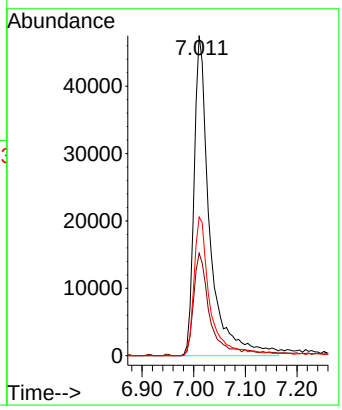


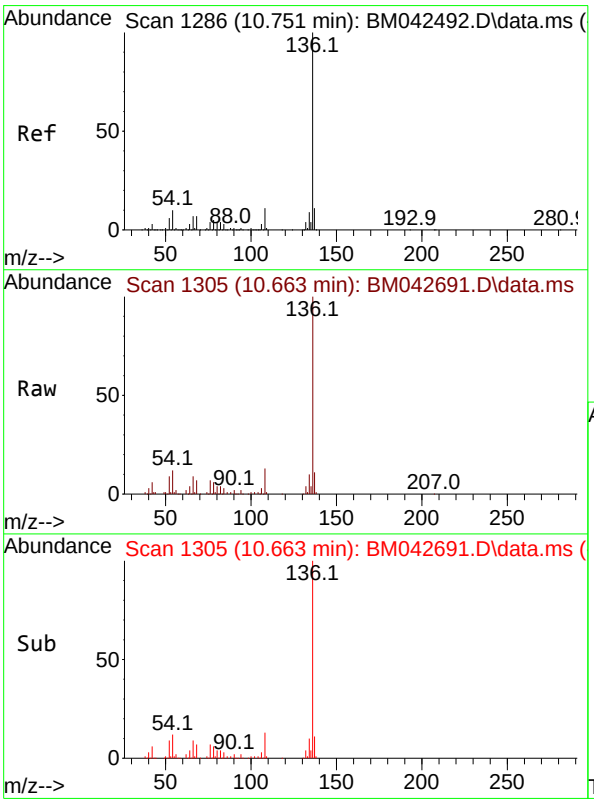
#7
Phenol-d6
Concen: 30.992 ng
RT: 7.011 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Instrument :
BNA_M
ClientSampleId :
MH-1-GW

Tgt Ion: 99 Resp: 100526

Ion	Ratio	Lower	Upper
99	100		
42	32.0	18.7	28.1#
71	43.4	29.1	43.7

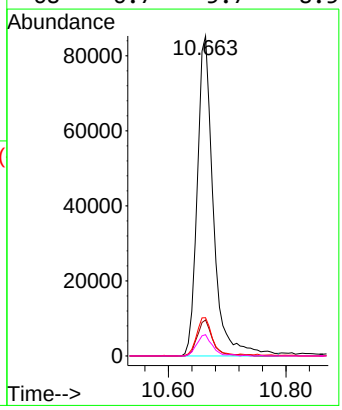


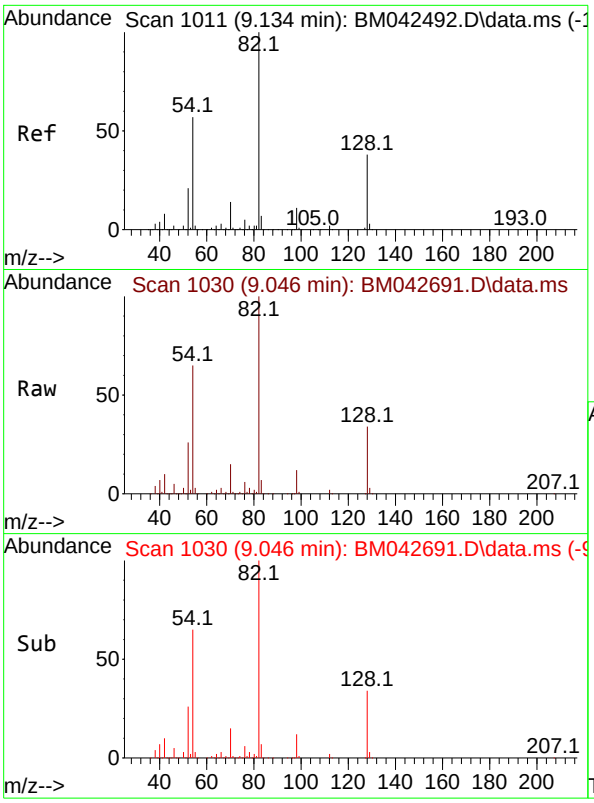


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Tgt Ion:136 Resp: 162256

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	11.9	8.0	12.0
68	6.7	5.7	8.5



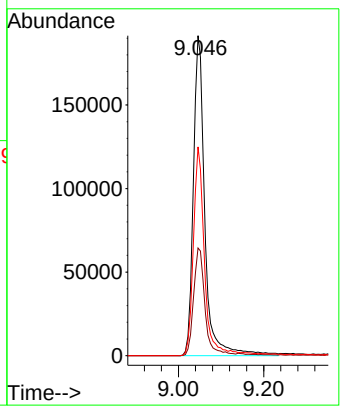


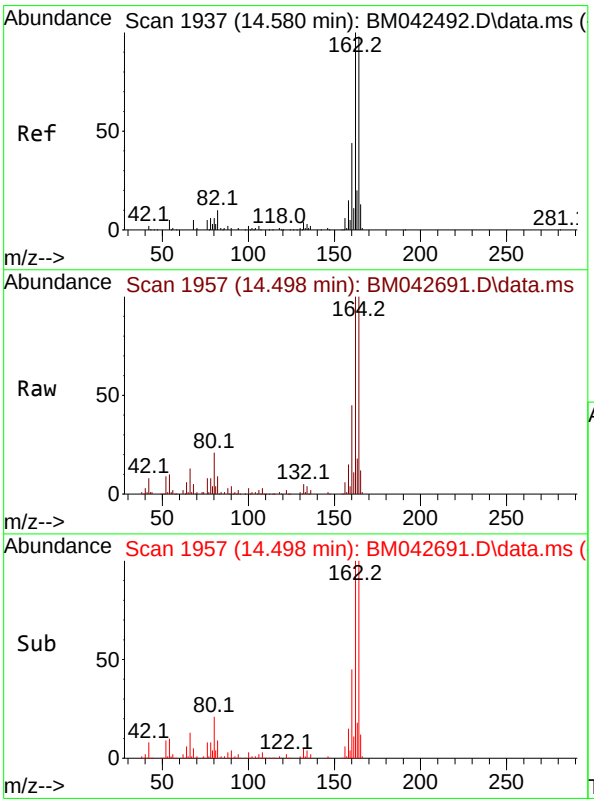
#23
Nitrobenzene-d5
Concen: 103.055 ng
RT: 9.046 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Instrument :
BNA_M
ClientSampleId :
MH-1-GW

Tgt Ion: 82 Resp: 358701

Ion	Ratio	Lower	Upper
82	100		
128	33.6	30.7	46.1
54	65.2	45.3	67.9

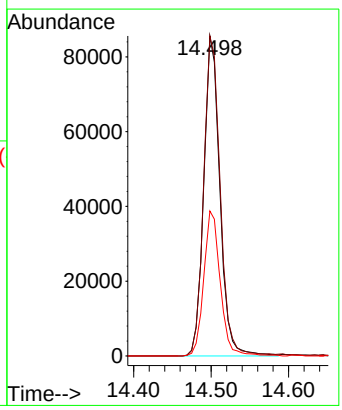


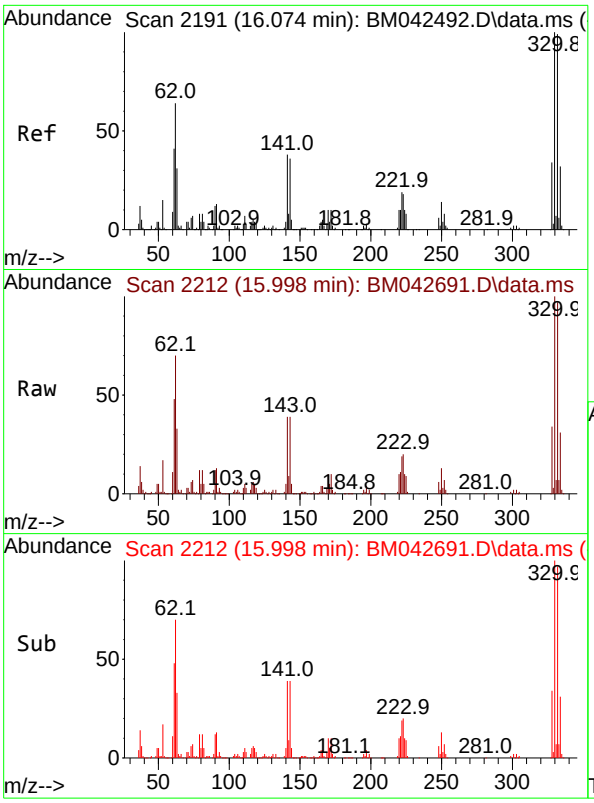


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Tgt Ion:164 Resp: 123683

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.6	122.4
160	45.4	36.2	54.4



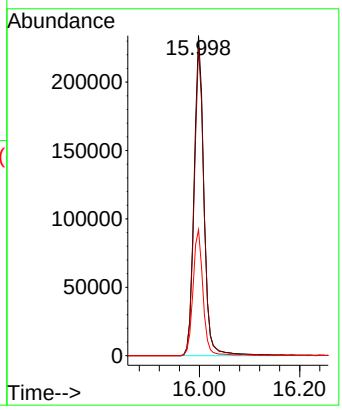


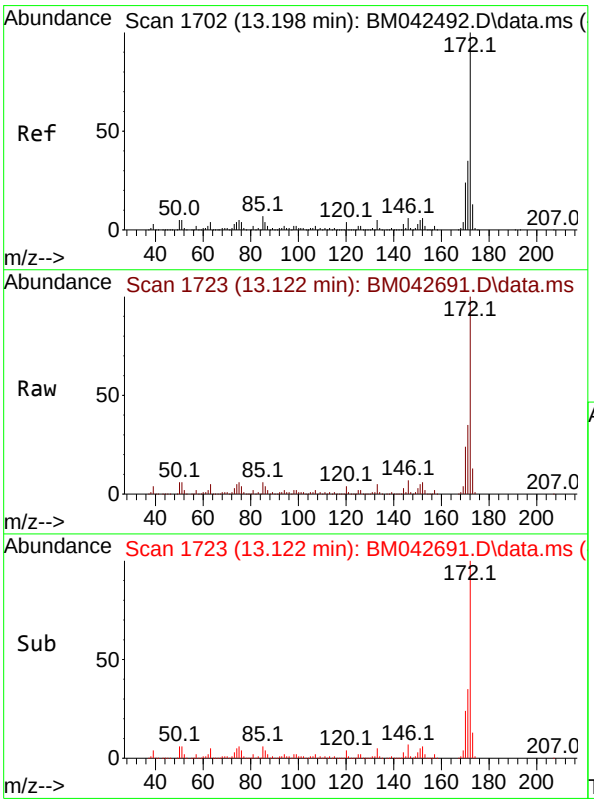
#42
2,4,6-Tribromophenol
Concen: 197.907 ng
RT: 15.998 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Instrument :
BNA_M
ClientSampleId :
MH-1-GW

Tgt Ion:330 Resp: 319577

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.8	118.2
141	39.5	31.1	46.7

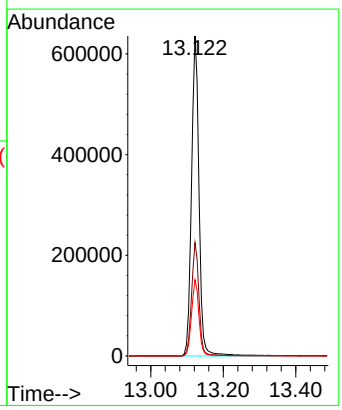


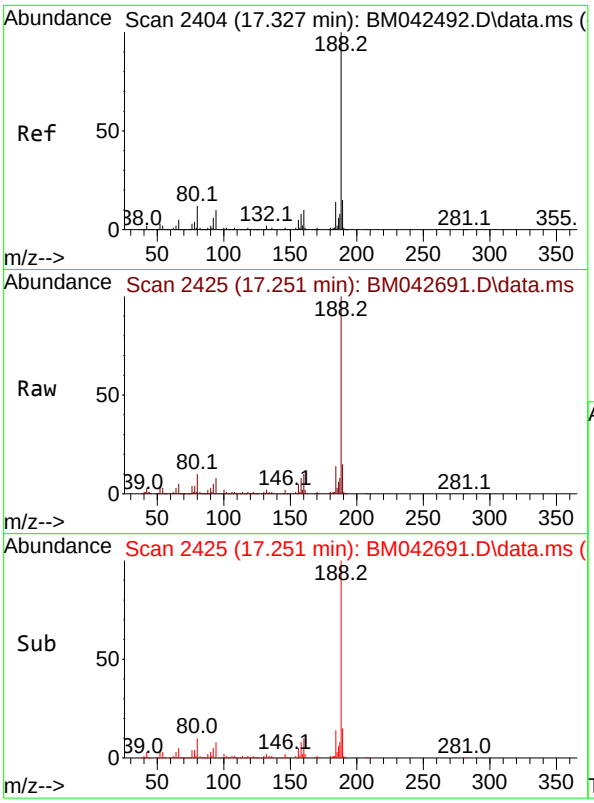


#45
2-Fluorobiphenyl
Concen: 99.708 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Tgt Ion:172 Resp: 916480

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.8	19.0	28.4



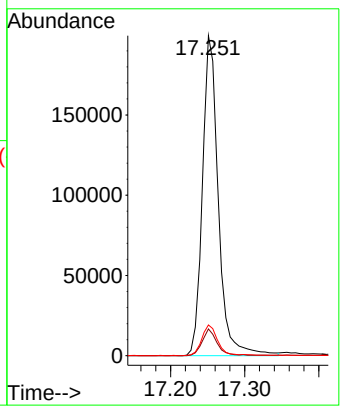


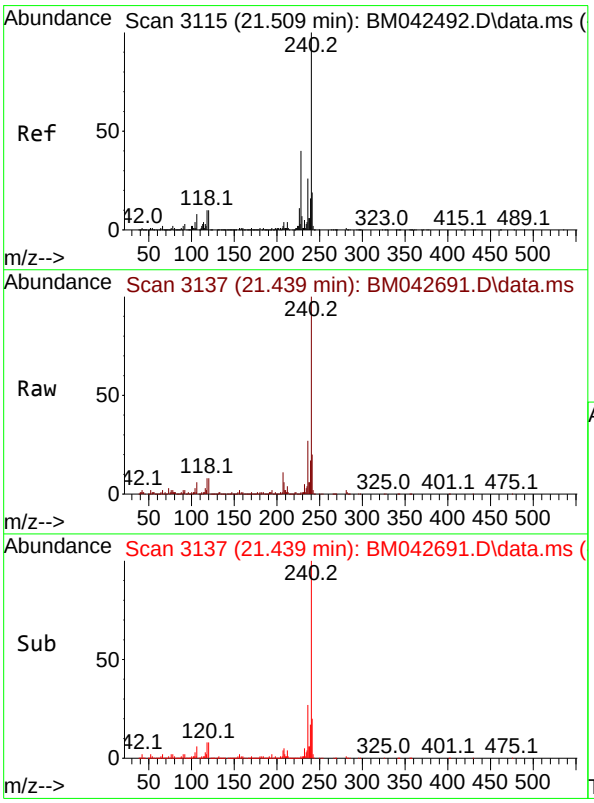
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Instrument :
BNA_M
ClientSampleId :
MH-1-GW

Tgt Ion:188 Resp: 298099

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.4
80	9.6	9.4	14.2

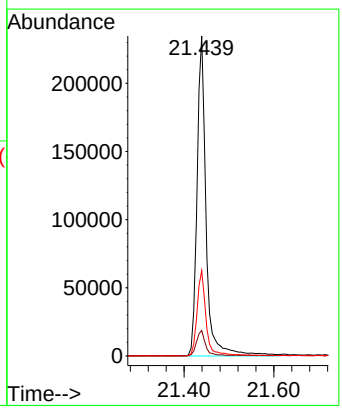


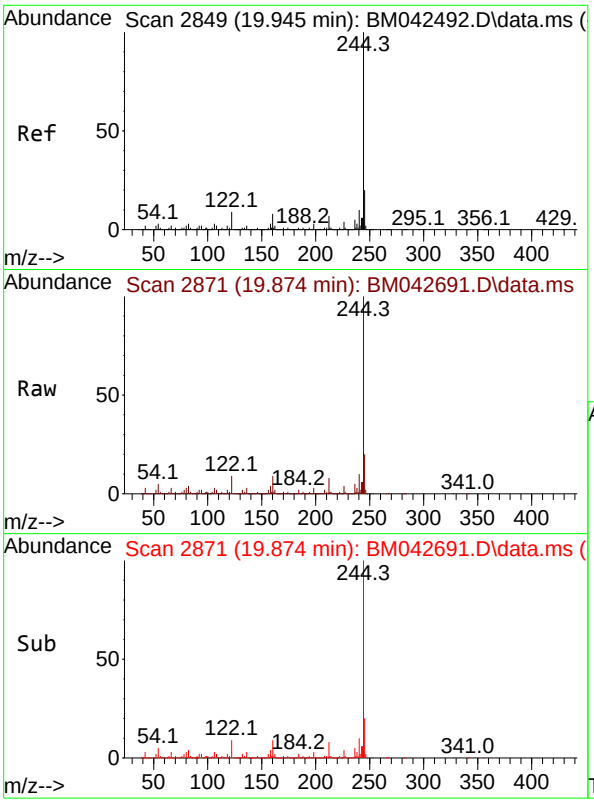


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Tgt Ion:240 Resp: 329662

Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.3	12.5#
236	26.7	20.8	31.2



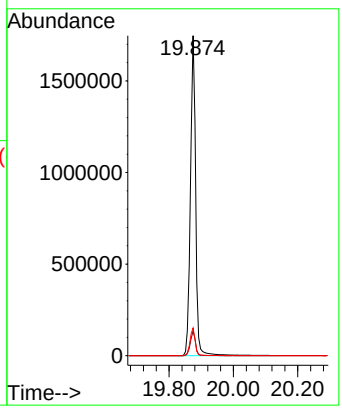


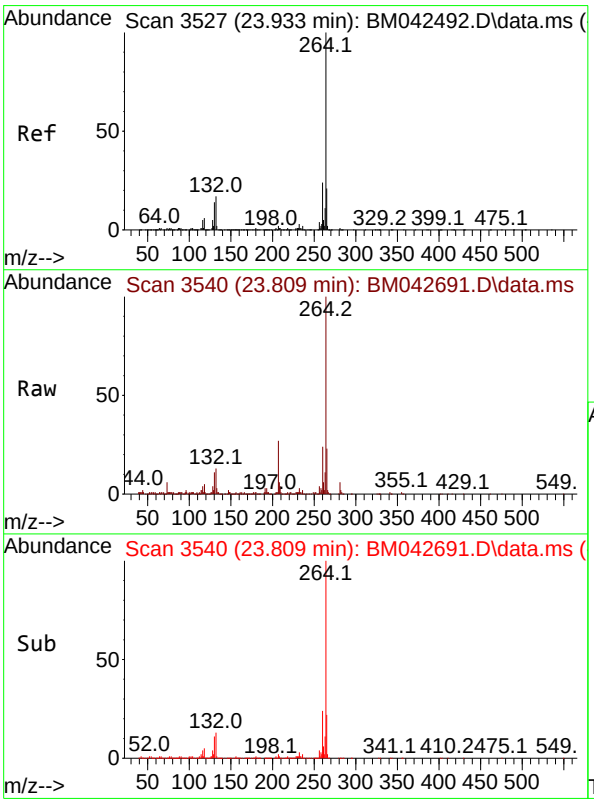
#79
Terphenyl-d14
Concen: 101.294 ng
RT: 19.874 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Instrument :
BNA_M
ClientSampleId :
MH-1-GW

Tgt Ion:244 Resp: 1969370

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.2
122	8.7	7.2	10.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.809 min Scan# 3540
Delta R.T. -0.005 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Tgt Ion:264 Resp: 329445

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	22.8	18.7	28.1