Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102524\
Data File : BM048238.D
Acq On : 25 Oct 2024 16:21
Operator : RC/JU
Sample : P4460-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WB-303-SW

Quant Time: Oct 25 17:14:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 18:21:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	214014	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	870137	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	580161	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	1247446	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1150084	20.000	ng	-0.01
86) Perylene-d12	24.280	264	1229812	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1072257	84.219	ng	0.00
7) Phenol-d6	6.899	99	1211255	73.051	ng	0.00
23) Nitrobenzene-d5	8.875	82	1316356	85.418	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	957777	134.875	ng	0.00
45) 2-Fluorobiphenyl	12.981	172	3048150	80.622	ng	0.00
79) Terphenyl-d14	19.733	244	5159936	91.559	ng	0.00
Target Compounds						Qvalue
63) Azobenzene	15.722	77	81960	2.280	ng	# 1

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

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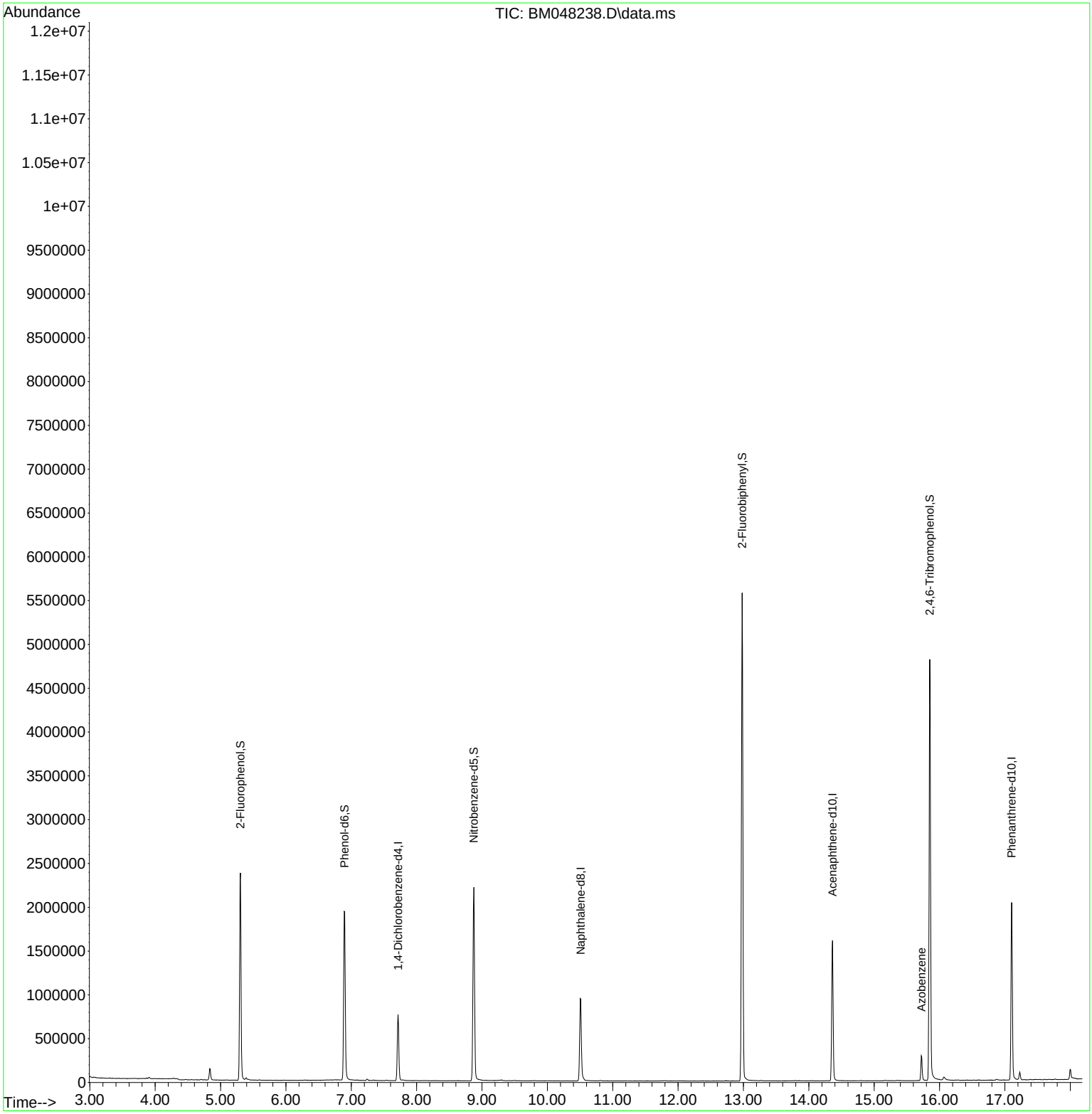

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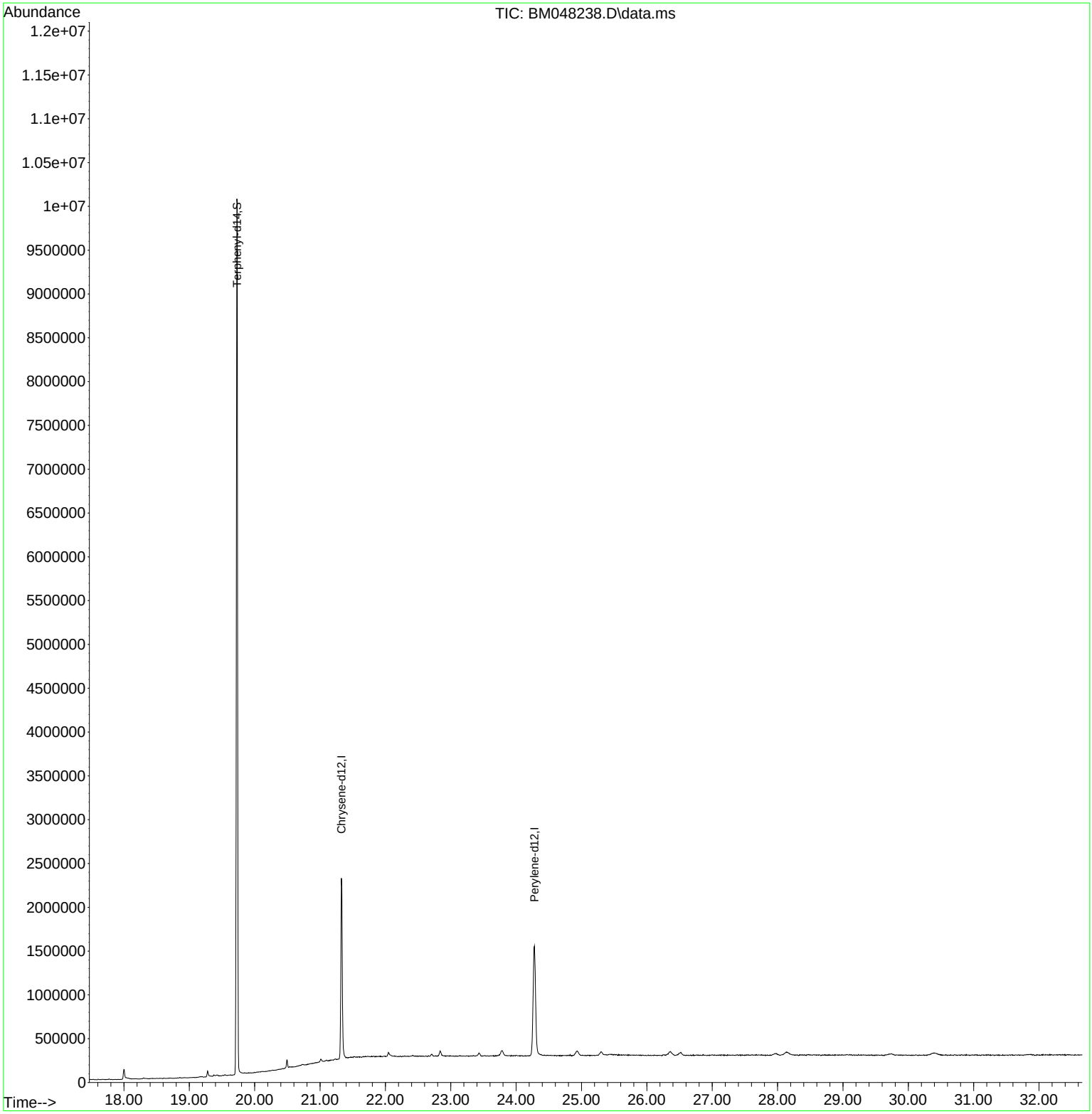
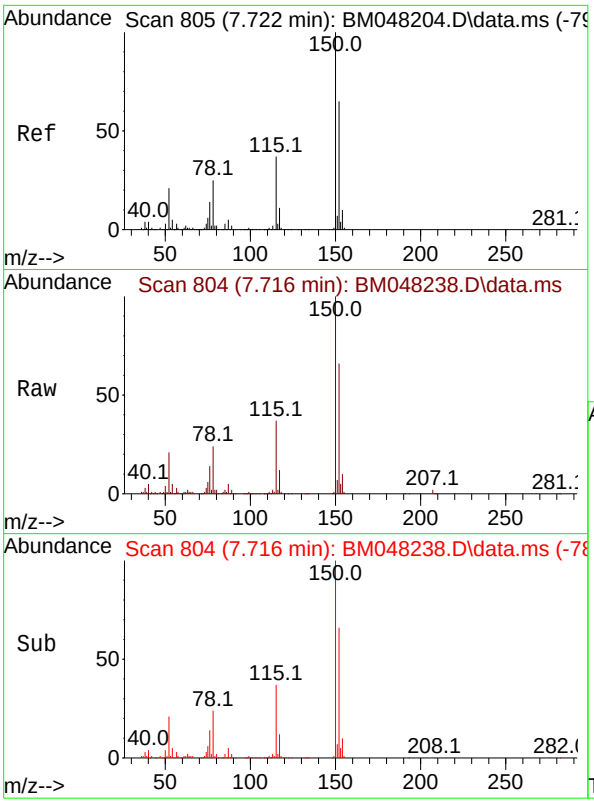


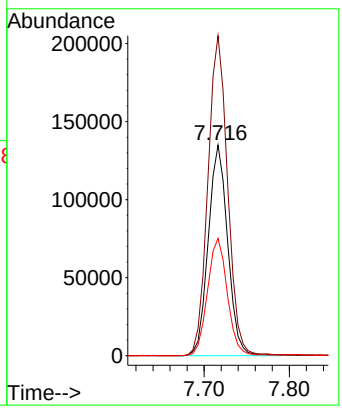


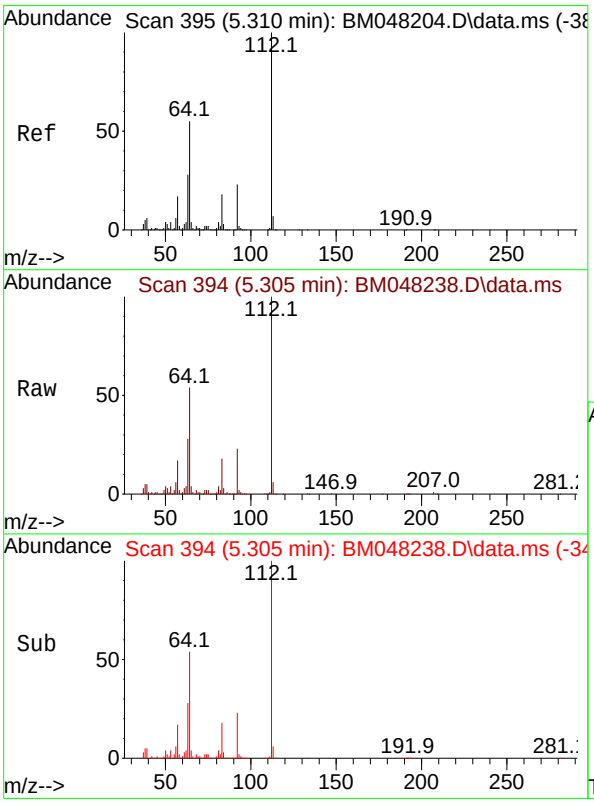
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM048238.D
Acq: 25 Oct 2024 16:21

Instrument :
BNA_M
ClientSampleId :
WB-303-SW

Tgt Ion:152 Resp: 214014

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.0	184.6
115	55.7	45.8	68.6

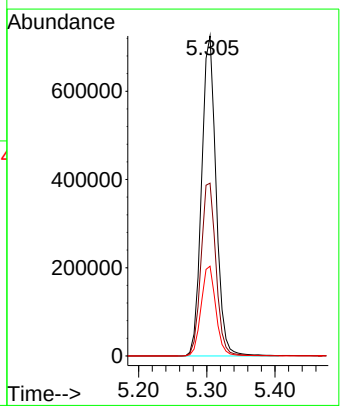


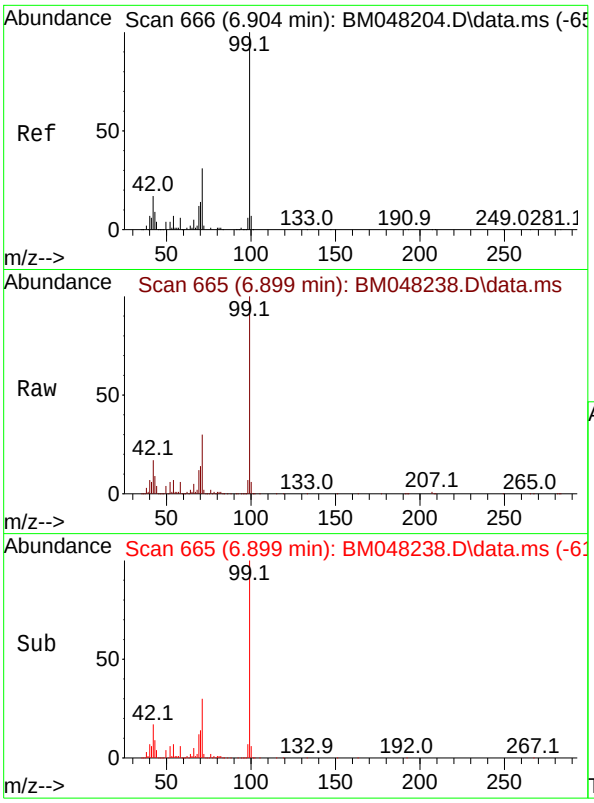


#5
2-Fluorophenol
Concen: 84.219 ng
RT: 5.305 min Scan# 394
Delta R.T. -0.005 min
Lab File: BM048238.D
Acq: 25 Oct 2024 16:21

Tgt Ion:112 Resp: 1072257

Ion	Ratio	Lower	Upper
112	100		
64	54.0	44.2	66.2
63	28.1	22.7	34.1



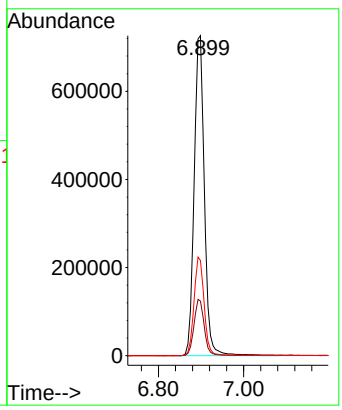


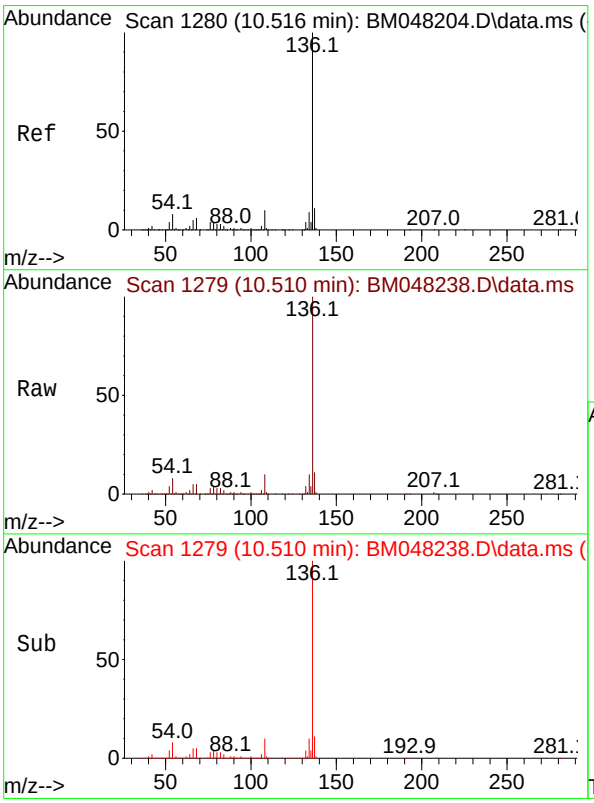
#7
Phenol-d6
Concen: 73.051 ng
RT: 6.899 min Scan# 6
Delta R.T. -0.005 min
Lab File: BM048238.D
Acq: 25 Oct 2024 16:21

Instrument :
BNA_M
ClientSampleId :
WB-303-SW

Tgt Ion: 99 Resp: 1211255

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.8
71	29.7	24.9	37.3

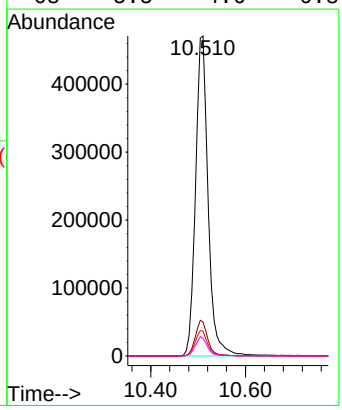


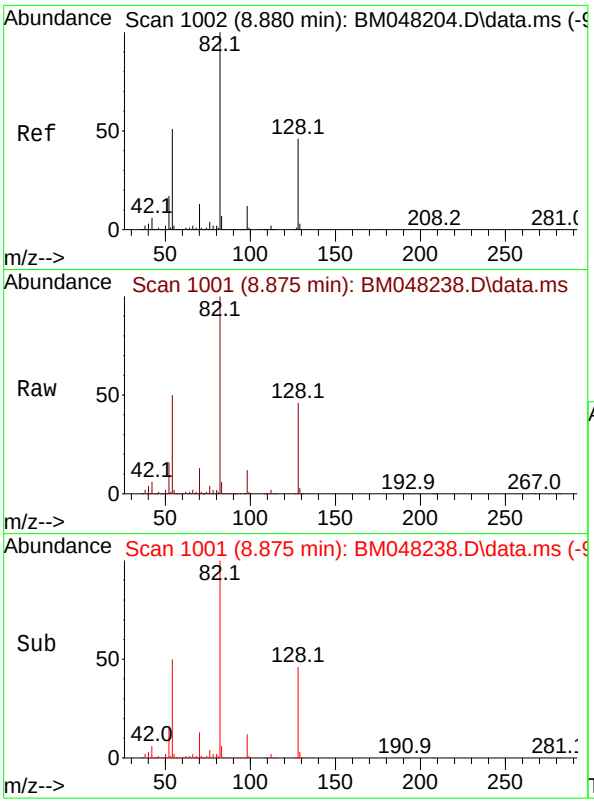


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1279
Delta R.T. -0.005 min
Lab File: BM048238.D
Acq: 25 Oct 2024 16:21

Tgt Ion:136 Resp: 870137

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.5	9.7
68	5.5	4.6	6.8



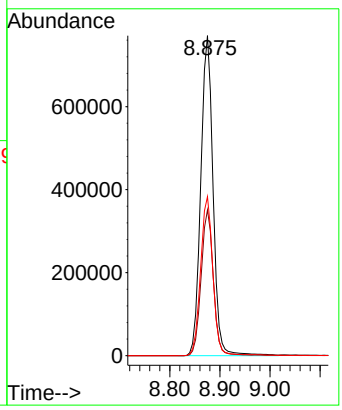


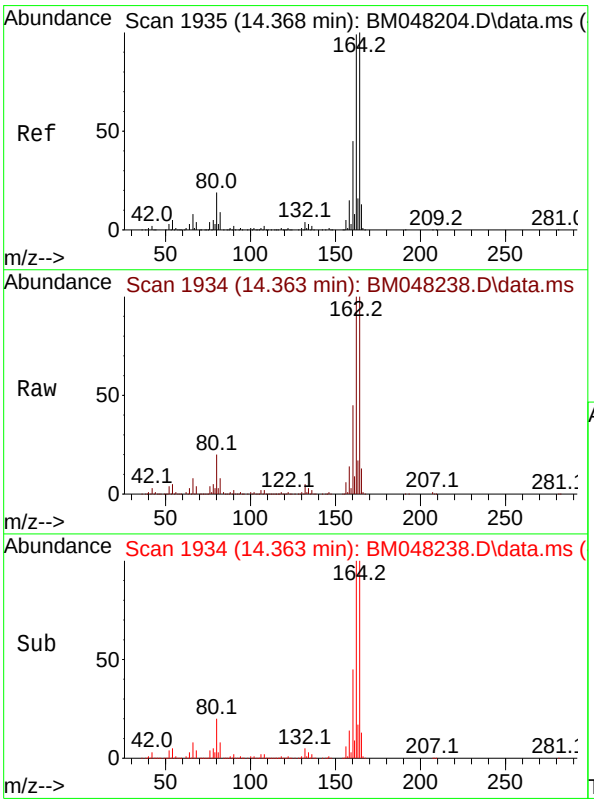
#23
Nitrobenzene-d5
Concen: 85.418 ng
RT: 8.875 min Scan# 1(
Delta R.T. -0.005 min
Lab File: BM048238.D
Acq: 25 Oct 2024 16:21

Instrument :
BNA_M
ClientSampleId :
WB-303-SW

Tgt Ion: 82 Resp: 1316356

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.6	54.8
54	49.7	41.0	61.4

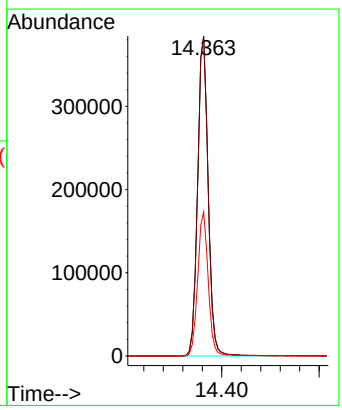


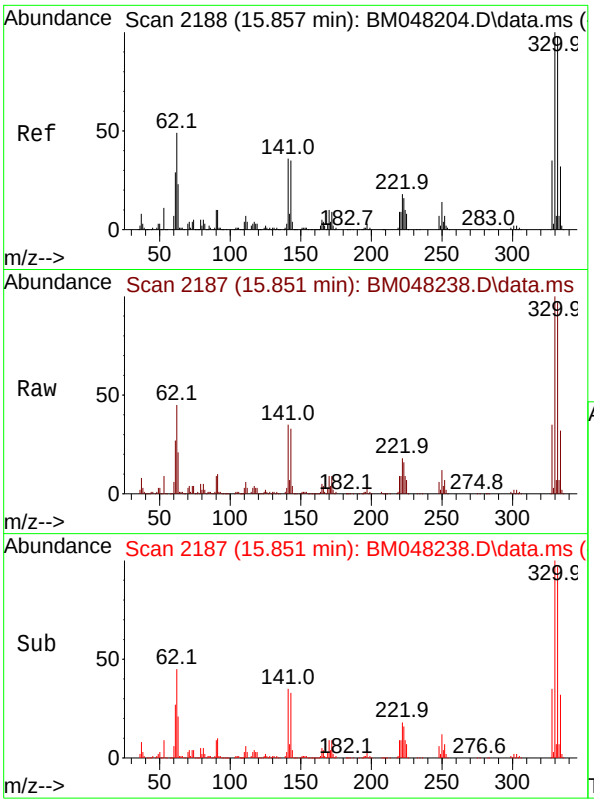


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BM048238.D
Acq: 25 Oct 2024 16:21

Tgt Ion:164 Resp: 580161

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.1	118.7
160	45.0	35.8	53.8



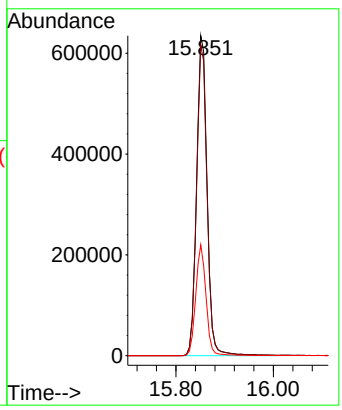


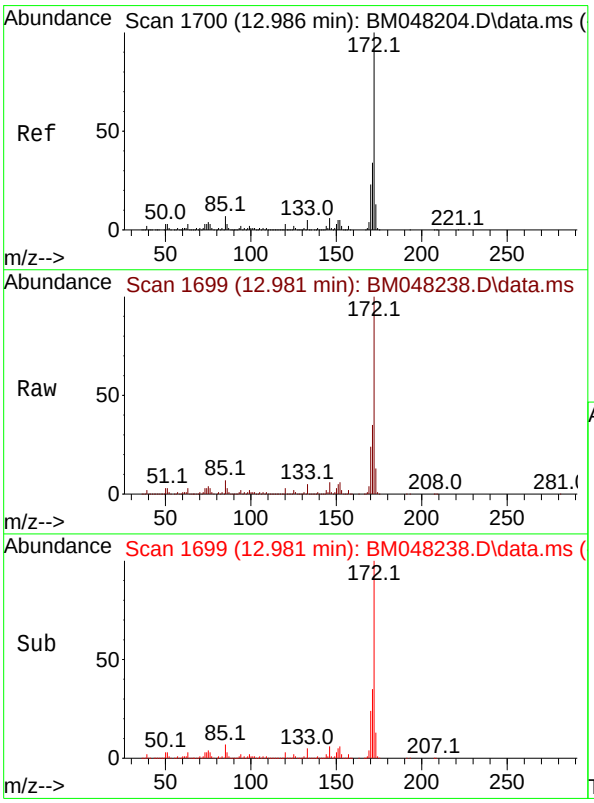
#42
2,4,6-Tribromophenol
Concen: 134.875 ng
RT: 15.851 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM048238.D
Acq: 25 Oct 2024 16:21

Instrument :
BNA_M
ClientSampleId :
WB-303-SW

Tgt Ion:330 Resp: 957777

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.5	116.3
141	34.0	27.5	41.3

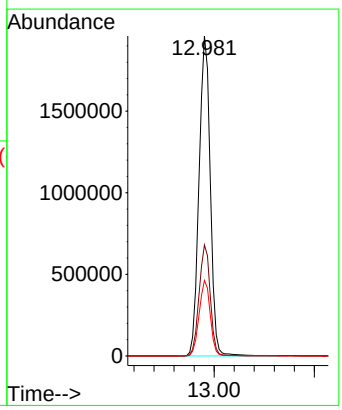


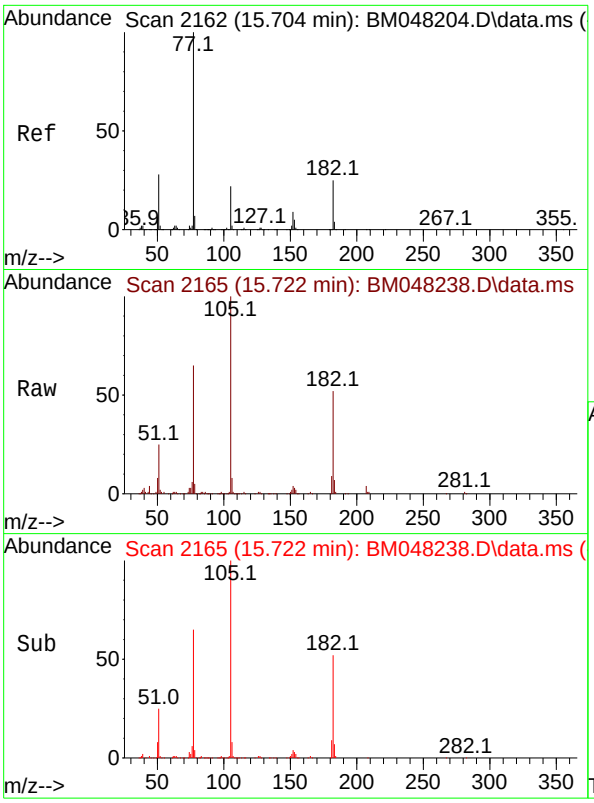


#45
2-Fluorobiphenyl
Concen: 80.622 ng
RT: 12.981 min Scan# 1699
Delta R.T. -0.005 min
Lab File: BM048238.D
Acq: 25 Oct 2024 16:21

Tgt Ion:172 Resp: 3048150

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.4	41.0
170	23.6	18.5	27.7



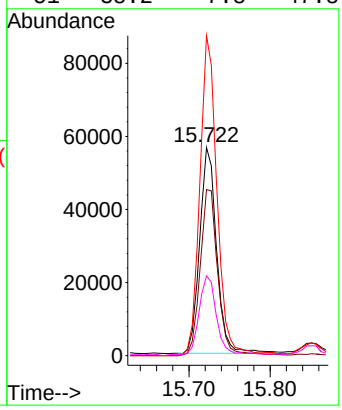


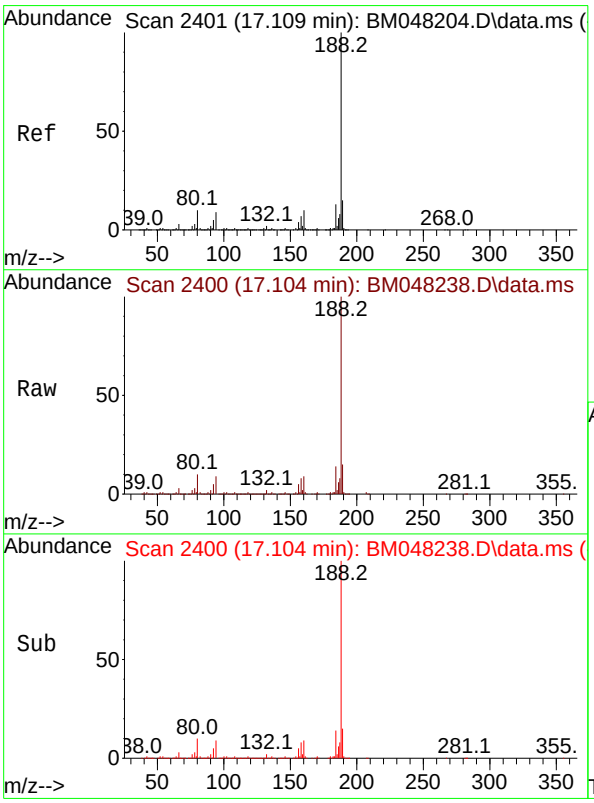
#63
Azobenzene
Concen: 2.280 ng
RT: 15.722 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM048238.D
Acq: 25 Oct 2024 16:21

Instrument :
BNA_M
ClientSampleId :
WB-303-SW

Tgt Ion: 77 Resp: 81960

Ion	Ratio	Lower	Upper
77	100		
182	79.7	5.3	45.3#
105	153.5	1.6	41.6#
51	38.2	7.8	47.8

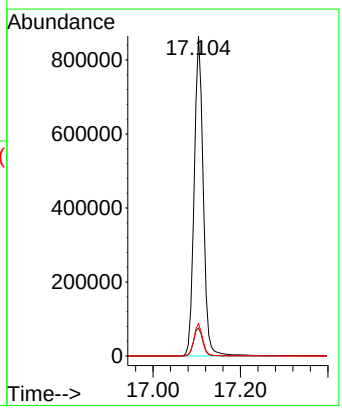


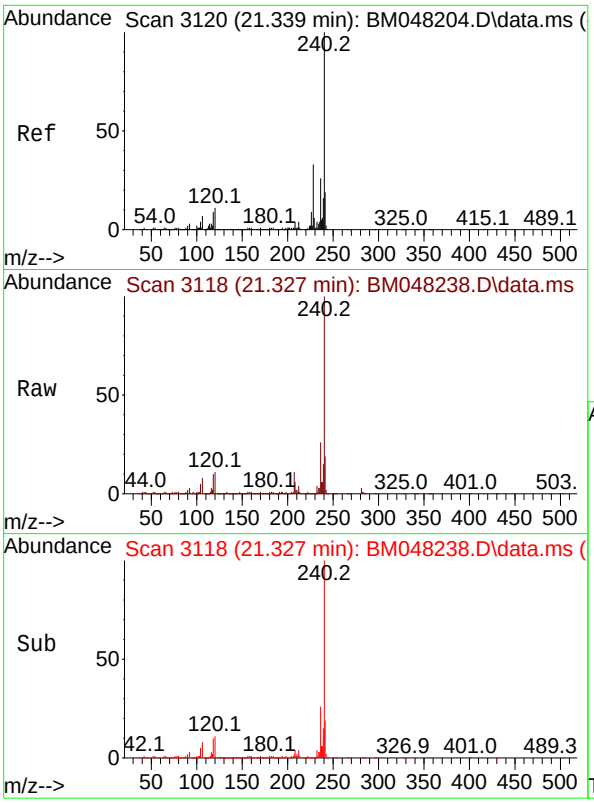


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2400
Delta R.T. -0.005 min
Lab File: BM048238.D
Acq: 25 Oct 2024 16:21

Tgt Ion:188 Resp: 1247446

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	10.1	8.0	12.0



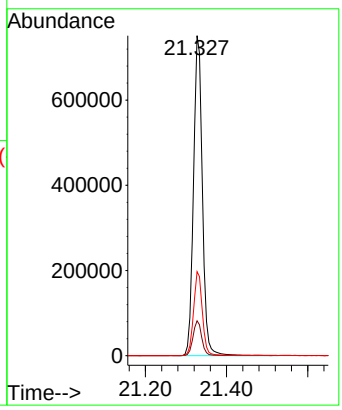


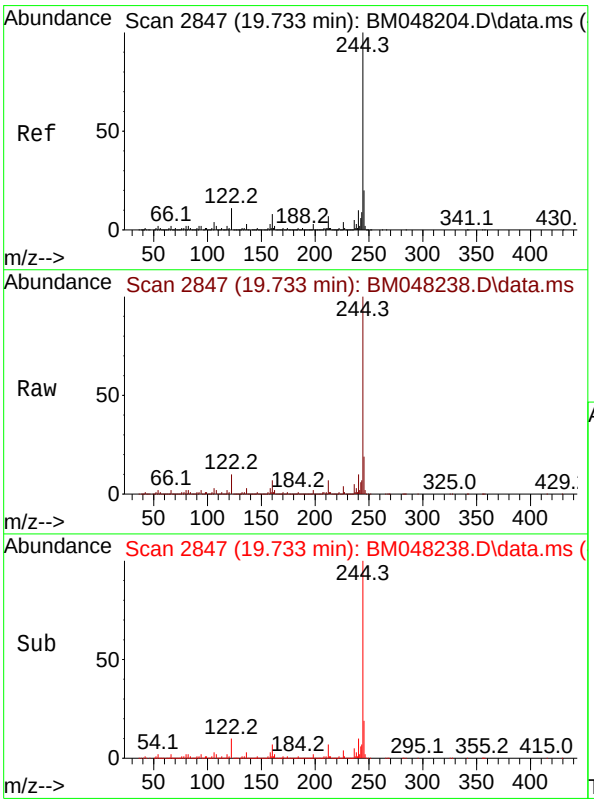
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM048238.D
Acq: 25 Oct 2024 16:21

Instrument :
BNA_M
ClientSampleId :
WB-303-SW

Tgt Ion:240 Resp: 1150084

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.6	13.0
236	26.3	20.7	31.1

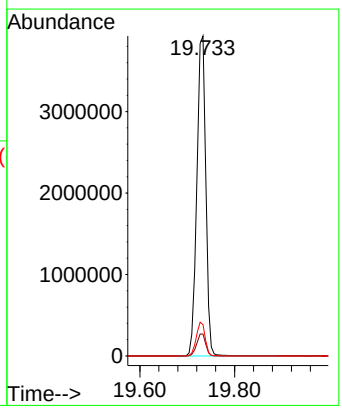


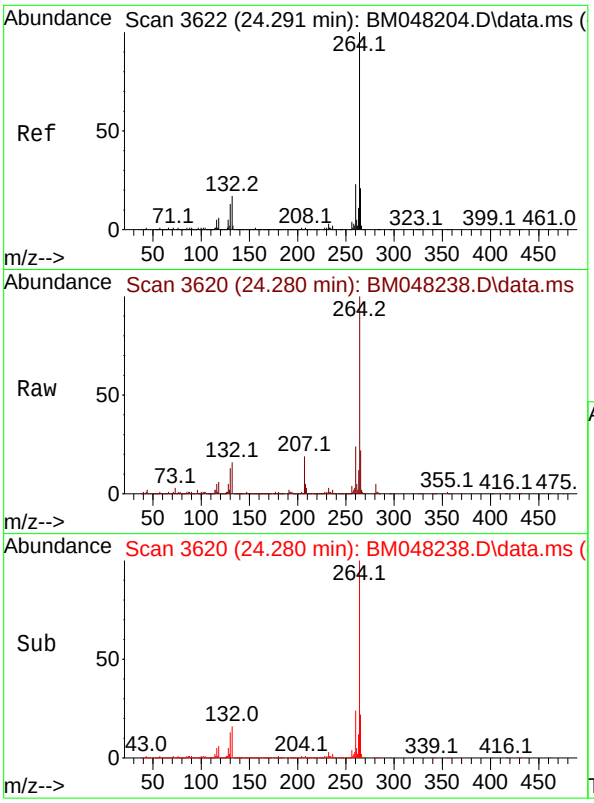


#79
Terphenyl-d14
Concen: 91.559 ng
RT: 19.733 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BM048238.D
Acq: 25 Oct 2024 16:21

Tgt Ion:244 Resp: 5159936

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	9.8	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.280 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM048238.D
Acq: 25 Oct 2024 16:21

Instrument :
BNA_M
ClientSampleId :
WB-303-SW

Tgt Ion:264 Resp: 1229812

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.3	17.4	26.2