Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
Data File : BM047554.D
Acq On : 18 Sep 2024 09:48
Operator : RC/JU
Sample : PB163138BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163138BL

Quant Time: Sep 18 11:21:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	373609	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1501187	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	800066	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1504970	20.000	ng	0.00
76) Chrysene-d12	21.433	240	983634	20.000	ng	-0.01
86) Perylene-d12	24.456	264	879222	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	3273698	139.516	ng	0.00
7) Phenol-d6	7.010	99	4123929	124.798	ng	0.00
23) Nitrobenzene-d5	8.998	82	2518031	83.945	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	862509	111.531	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	4866498	83.789	ng	0.00
79) Terphenyl-d14	19.827	244	6739572	122.778	ng	0.00
Target Compounds						Qvalue

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

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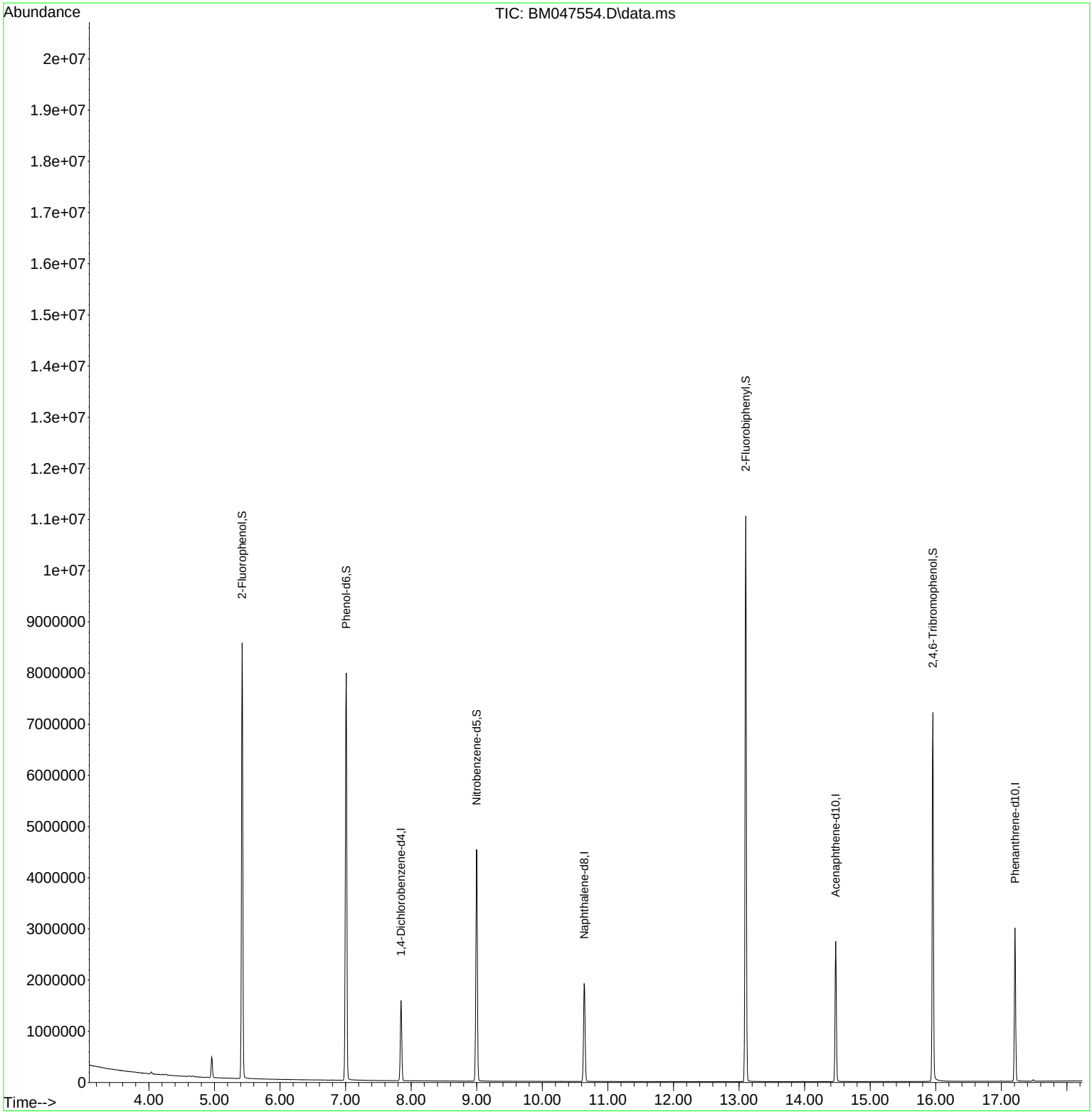

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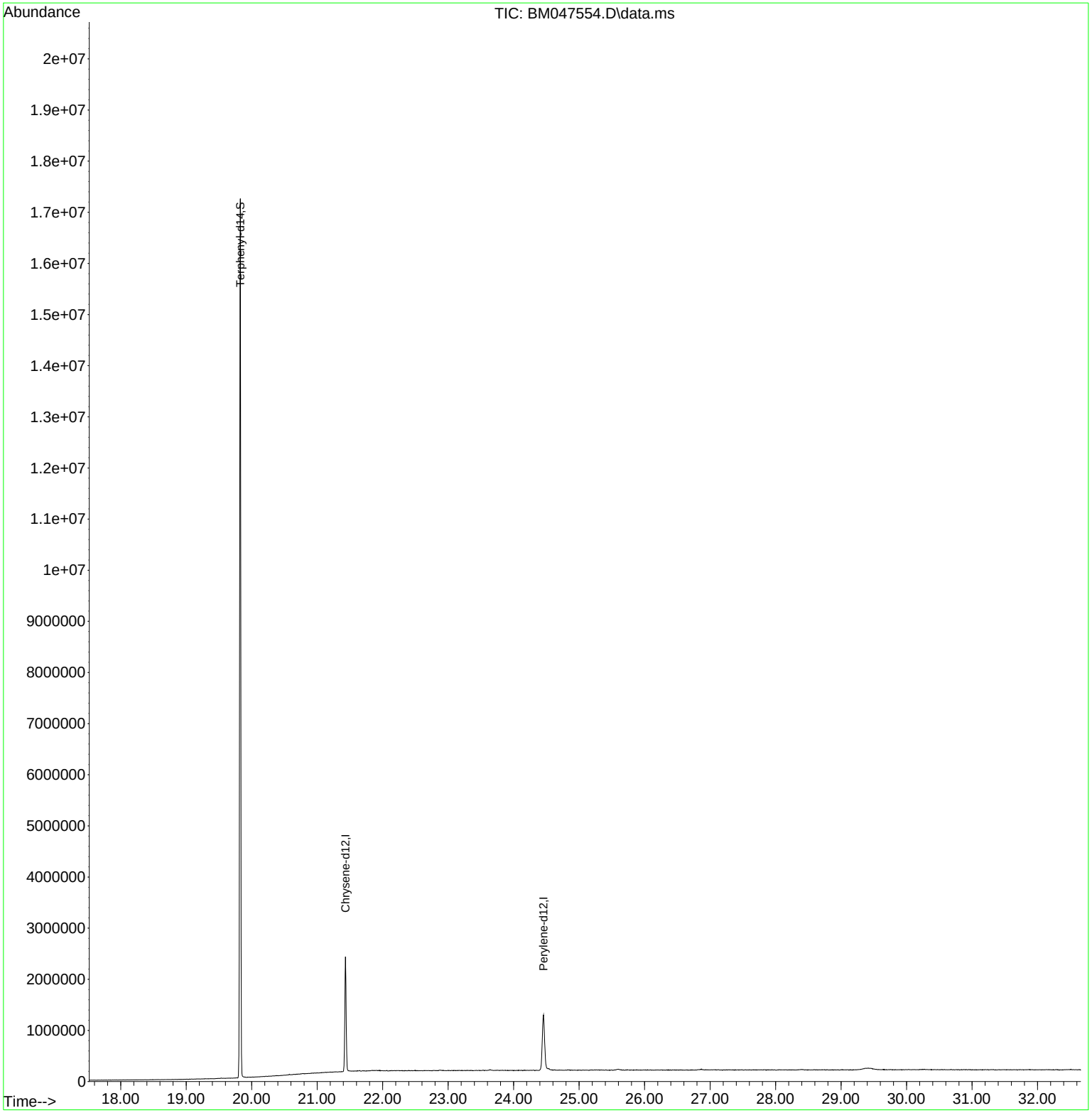
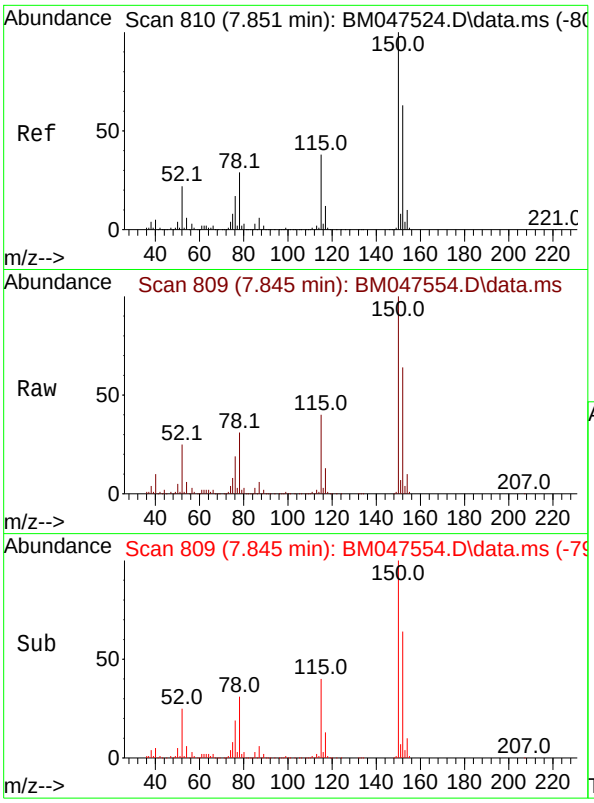


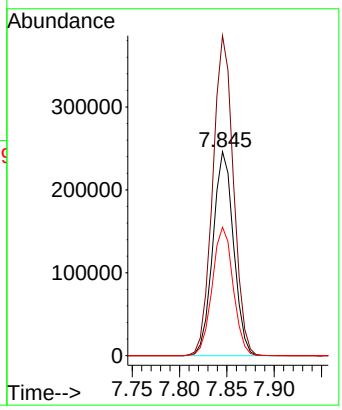


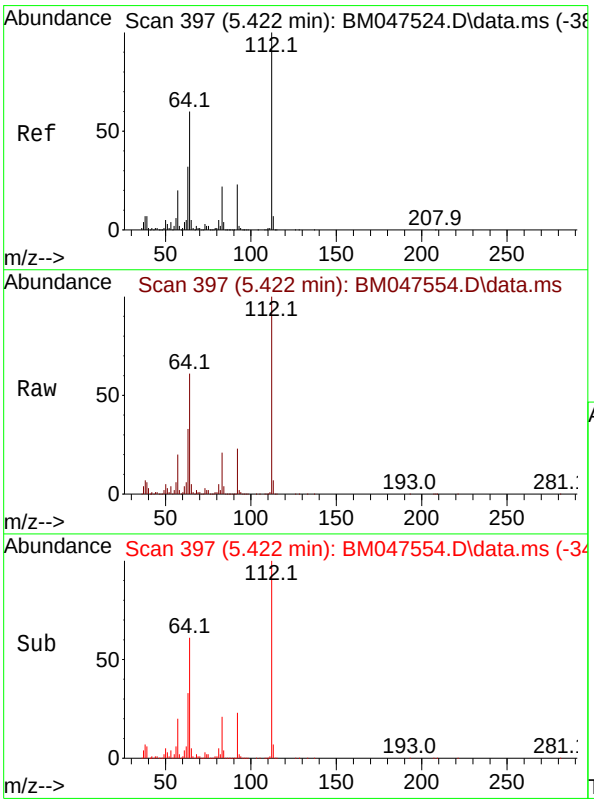
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM047554.D
Acq: 18 Sep 2024 09:48

Instrument :
BNA_M
ClientSampleId :
PB163138BL

Tgt Ion:152 Resp: 373609

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.8	190.2
115	63.0	47.8	71.8

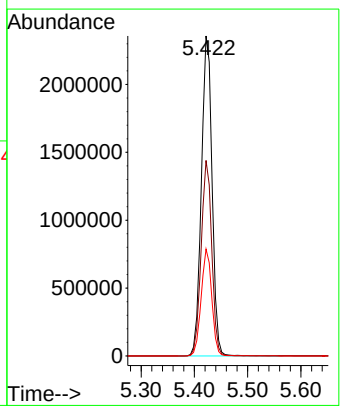


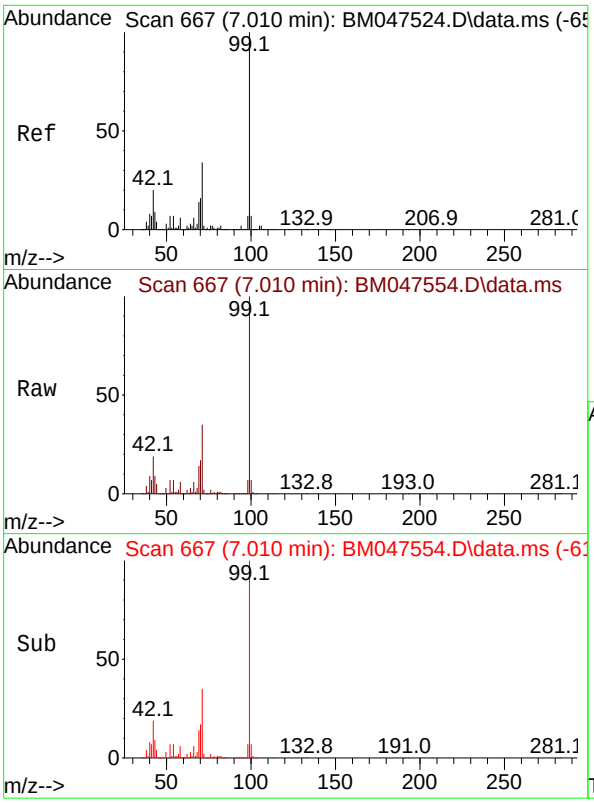


#5
2-Fluorophenol
Concen: 139.516 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047554.D
Acq: 18 Sep 2024 09:48

Tgt Ion:112 Resp: 3273698

Ion	Ratio	Lower	Upper
112	100		
64	61.1	48.2	72.4
63	33.4	26.0	39.0



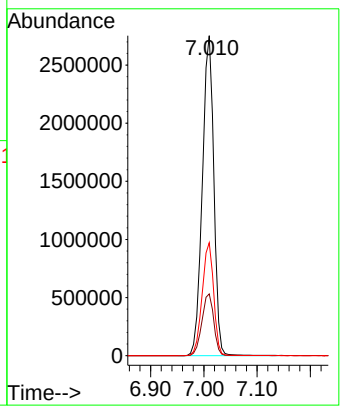


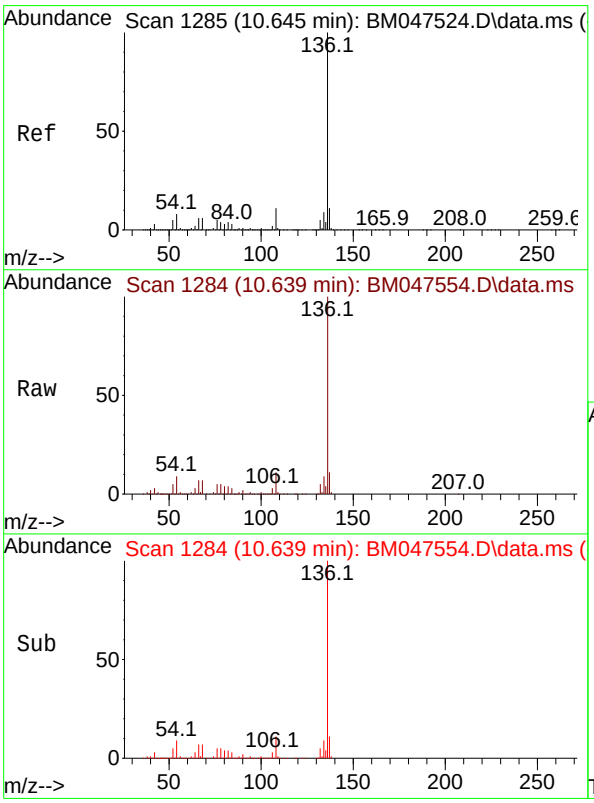
#7
Phenol-d6
Concen: 124.798 ng
RT: 7.010 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM047554.D
Acq: 18 Sep 2024 09:48

Instrument :
BNA_M
ClientSampleId :
PB163138BL

Tgt Ion: 99 Resp: 4123929

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.8
71	35.3	27.6	41.4

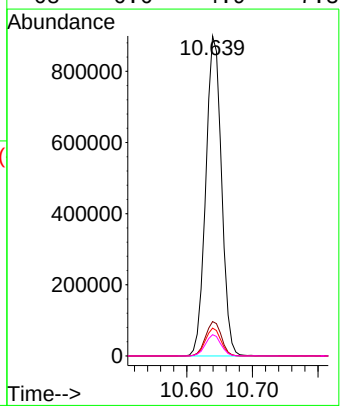


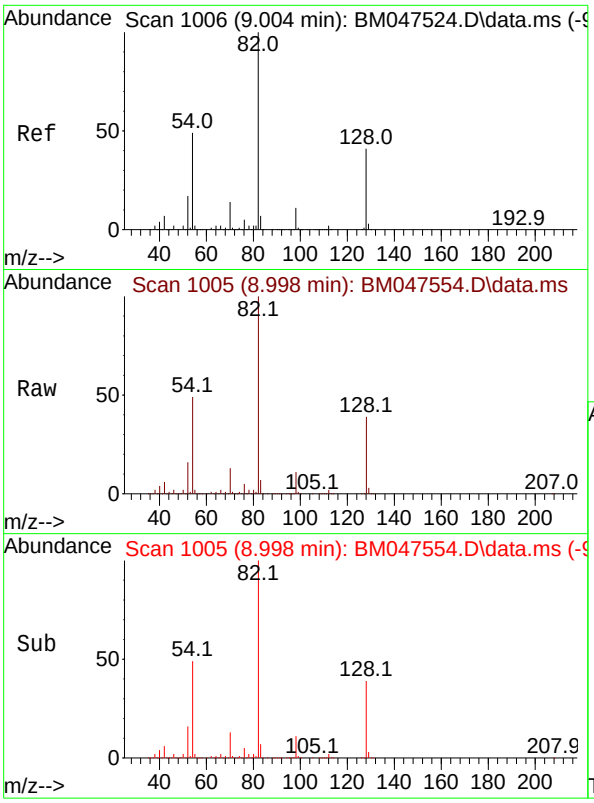


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM047554.D
Acq: 18 Sep 2024 09:48

Tgt Ion:136 Resp: 1501187

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	8.7	6.6	9.8
68	6.6	4.9	7.3



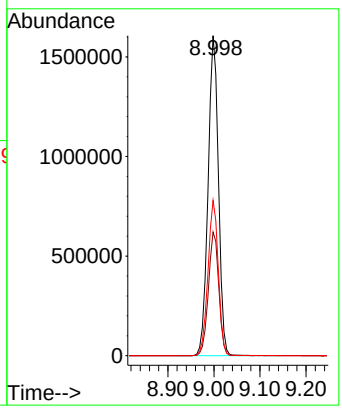


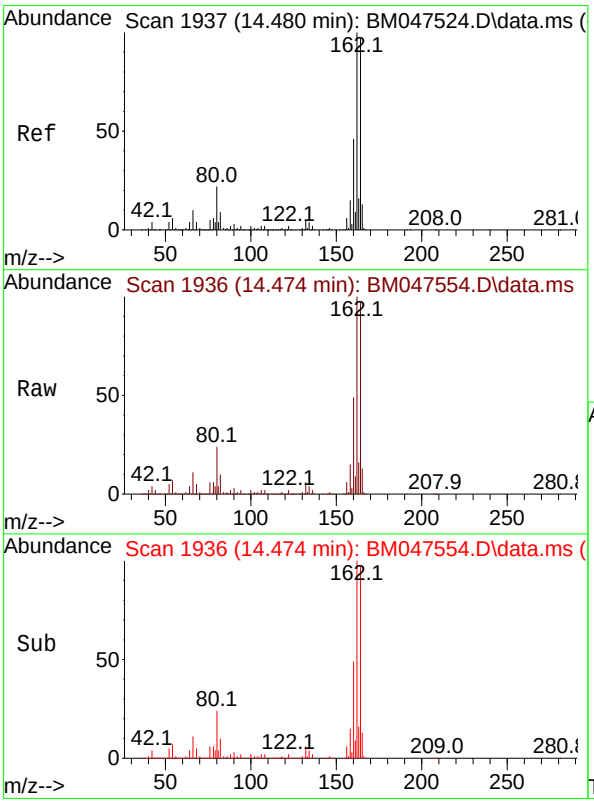
#23
Nitrobenzene-d5
Concen: 83.945 ng
RT: 8.998 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM047554.D
Acq: 18 Sep 2024 09:48

Instrument :
BNA_M
ClientSampleId :
PB163138BL

Tgt Ion: 82 Resp: 2518031

Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.0	49.4
54	48.5	39.3	58.9

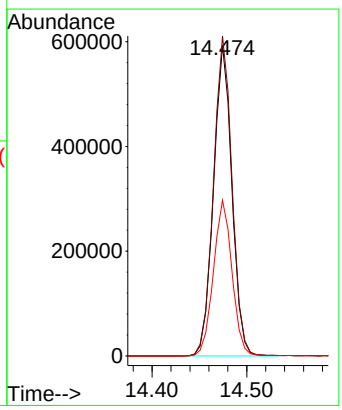


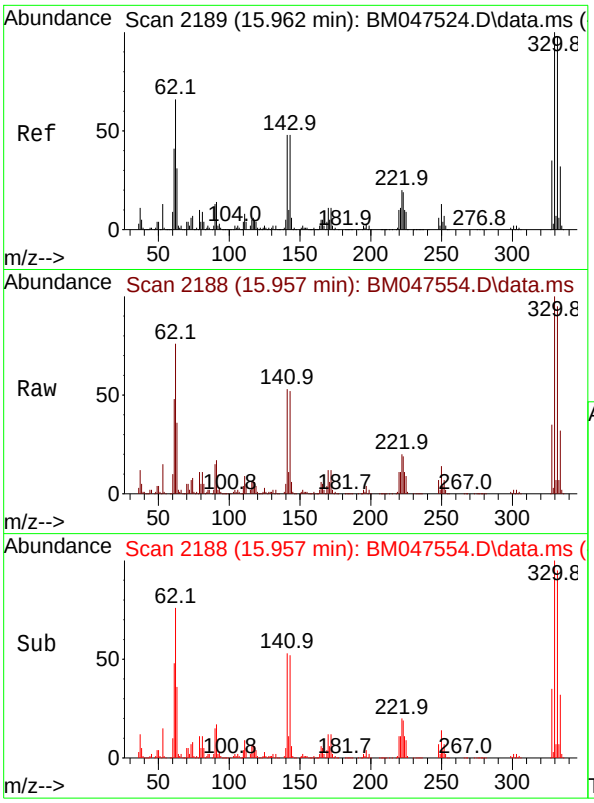


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM047554.D
Acq: 18 Sep 2024 09:48

Tgt Ion:164 Resp: 800066

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.2	123.2
160	50.1	38.2	57.2



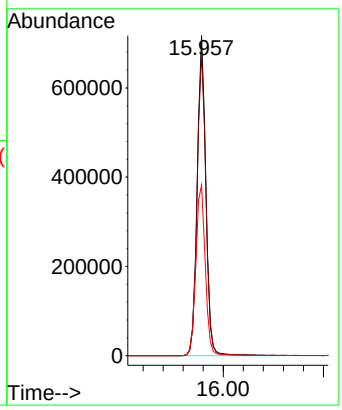


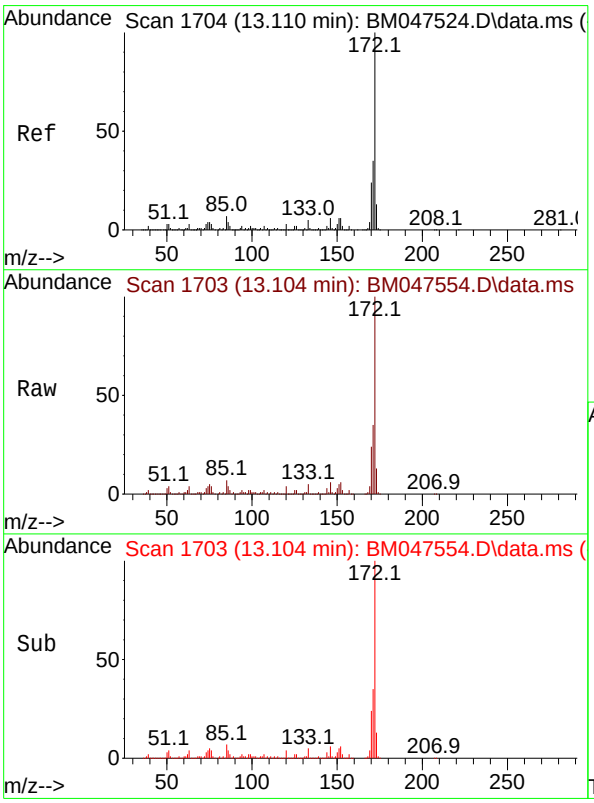
#42
2,4,6-Tribromophenol
Concen: 111.531 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047554.D
Acq: 18 Sep 2024 09:48

Instrument :
BNA_M
ClientSampleId :
PB163138BL

Tgt Ion:330 Resp: 862509

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	57.8	42.2	63.2

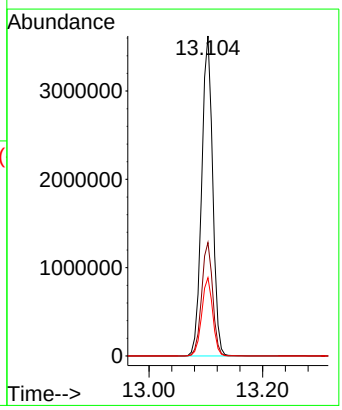


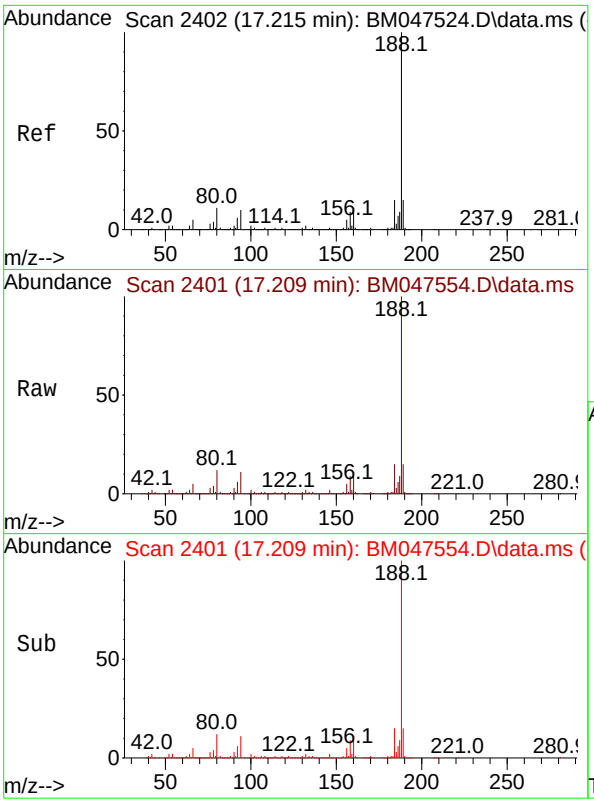


#45
2-Fluorobiphenyl
Concen: 83.789 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM047554.D
Acq: 18 Sep 2024 09:48

Tgt Ion:172 Resp: 4866498

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	24.5	19.4	29.0



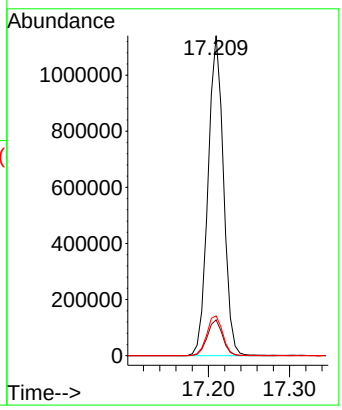


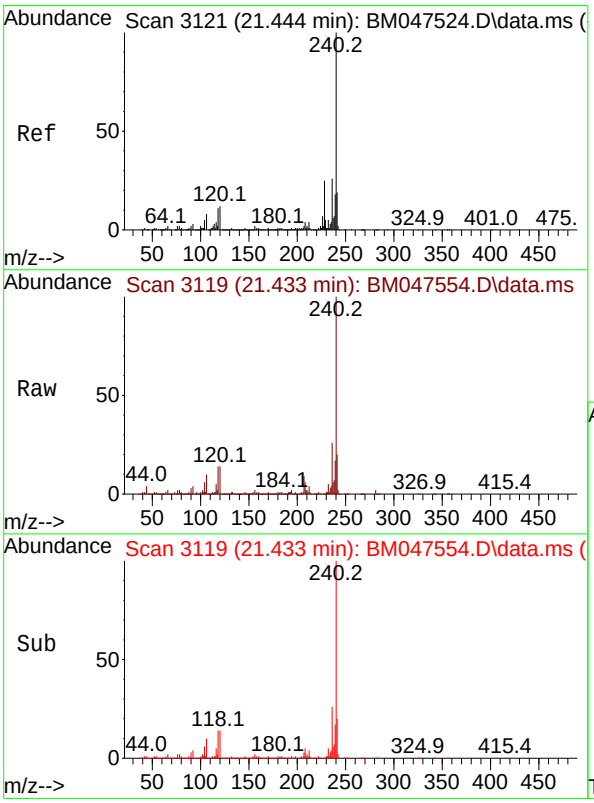
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047554.D
Acq: 18 Sep 2024 09:48

Instrument :
BNA_M
ClientSampleId :
PB163138BL

Tgt Ion:188 Resp: 1504970

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.4	12.6
80	12.4	9.1	13.7

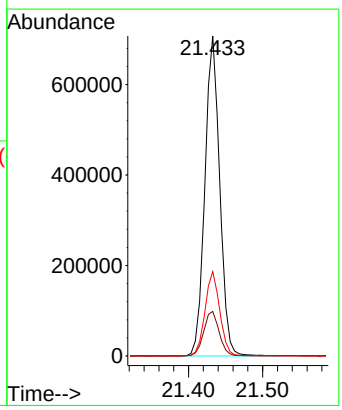


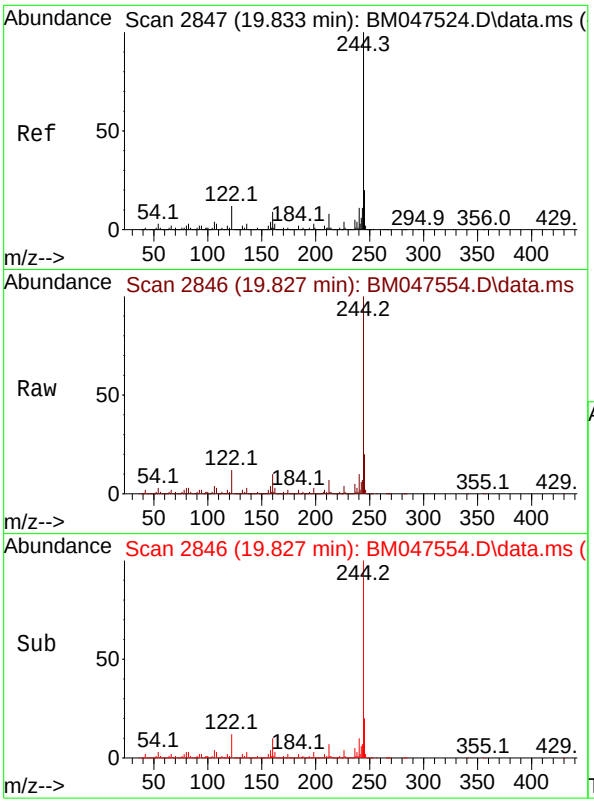


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BM047554.D
Acq: 18 Sep 2024 09:48

Tgt Ion:240 Resp: 983634

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.6	14.4
236	26.3	20.9	31.3



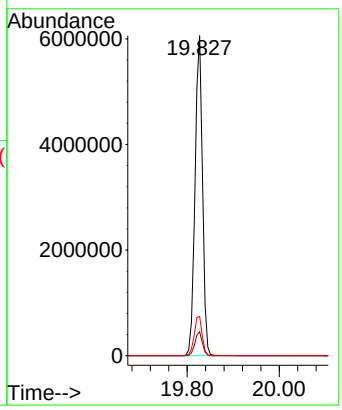


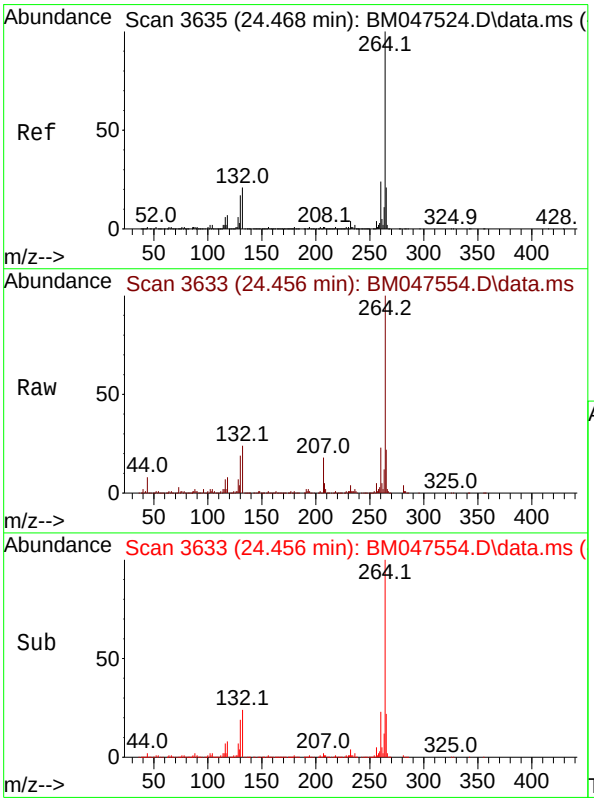
#79
Terphenyl-d14
Concen: 122.778 ng
RT: 19.827 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047554.D
Acq: 18 Sep 2024 09:48

Instrument :
BNA_M
ClientSampleId :
PB163138BL

Tgt Ion:244 Resp: 6739572

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	12.2	9.6	14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 3633
Delta R.T. -0.012 min
Lab File: BM047554.D
Acq: 18 Sep 2024 09:48

Tgt Ion:264 Resp: 879222

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	21.9	17.4	26.2