Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
Data File : BM047402.D
Acq On : 30 Aug 2024 12:07
Operator : RC/JU
Sample : PB163081BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163081BL

Quant Time: Aug 30 12:41:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	290967	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1080873	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	780071	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1736593	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1648141	20.000	ng	0.00
86) Perylene-d12	23.732	264	1723679	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1850832	122.039	ng	0.00
7) Phenol-d6	6.575	99	2368568	114.645	ng	0.00
23) Nitrobenzene-d5	8.498	82	1527660	78.421	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1157794	123.020	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	3817980	75.202	ng	0.00
79) Terphenyl-d14	19.445	244	6564617	70.896	ng	0.00
Target Compounds						Qvalue

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

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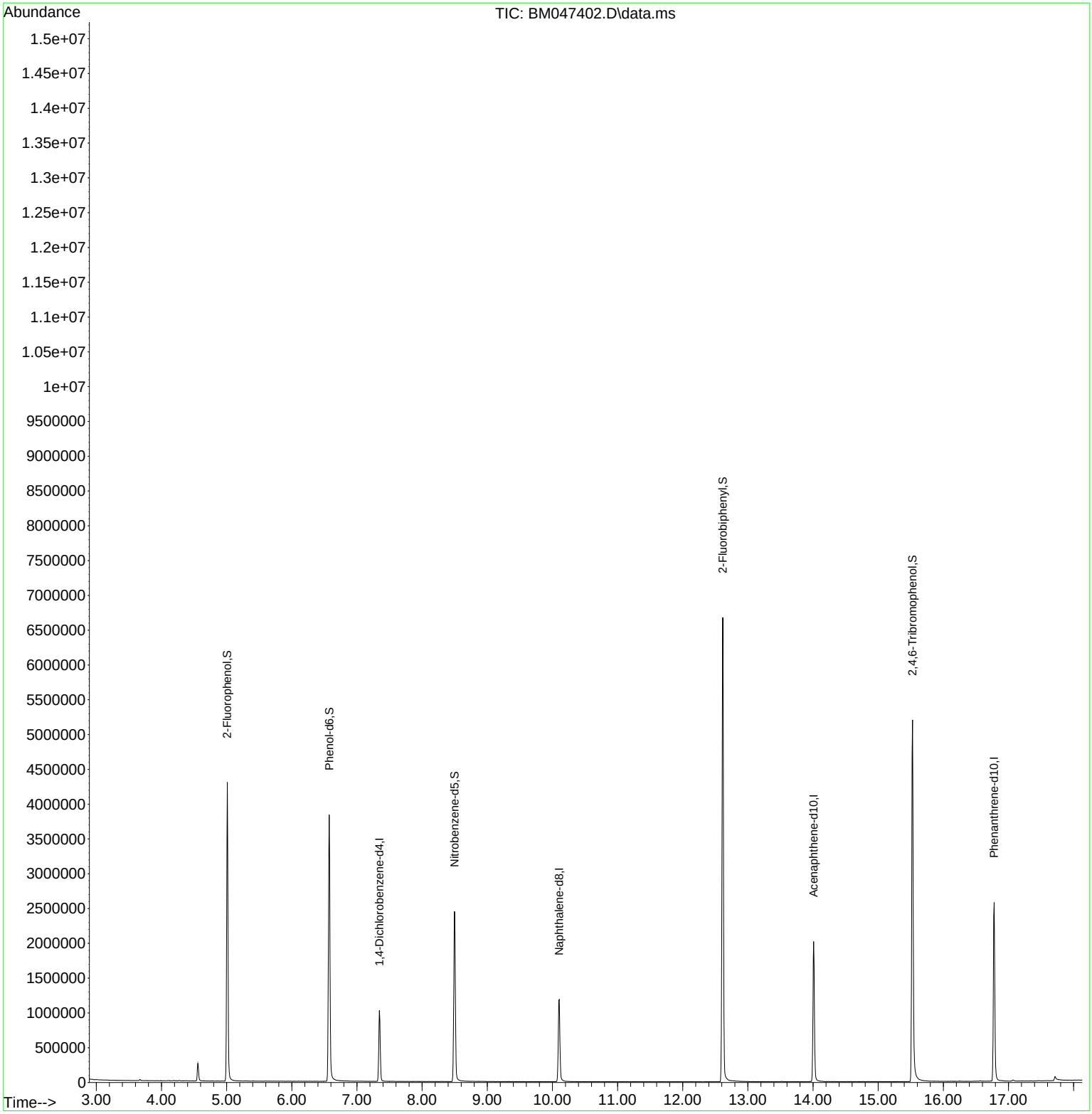

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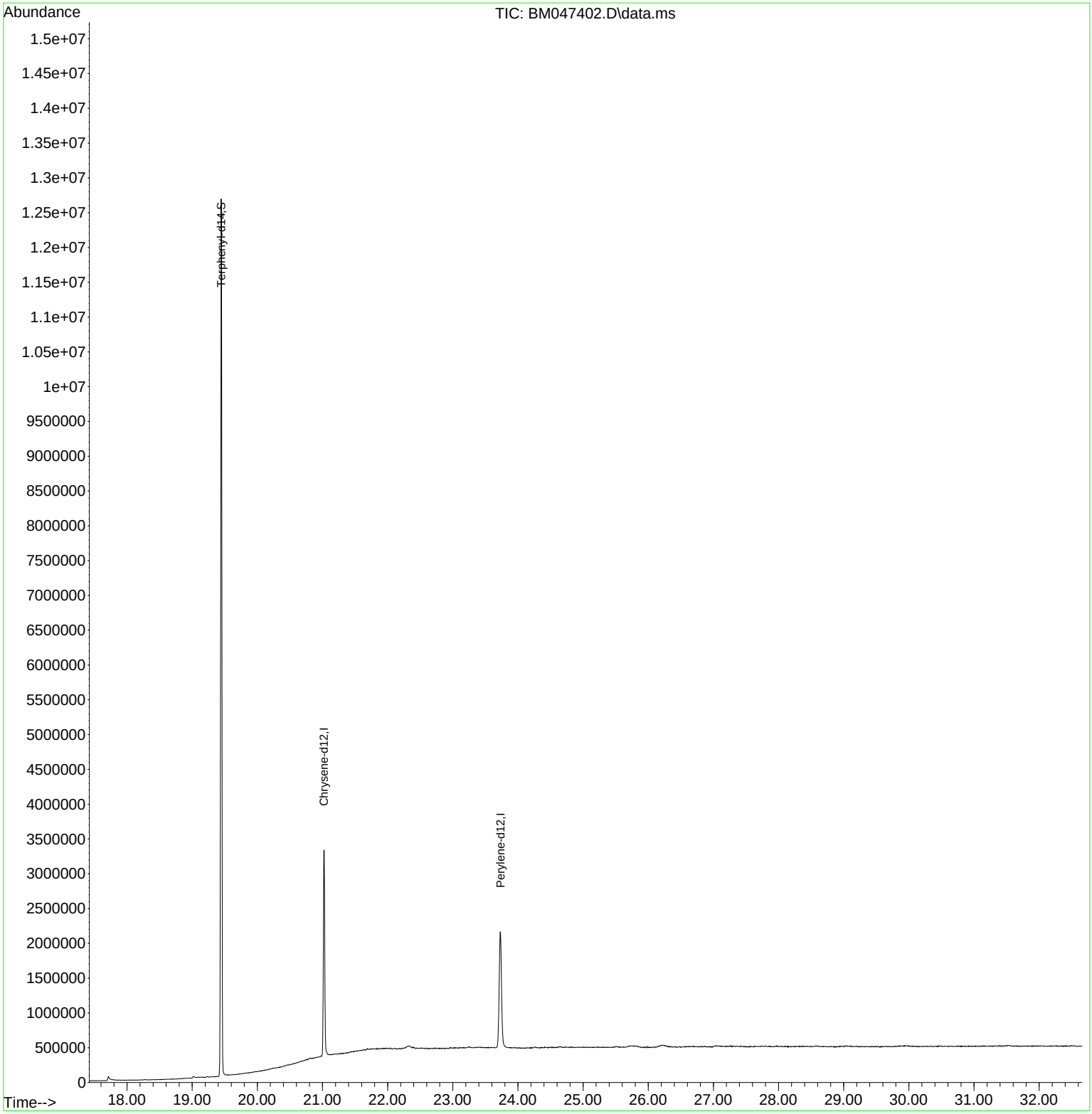
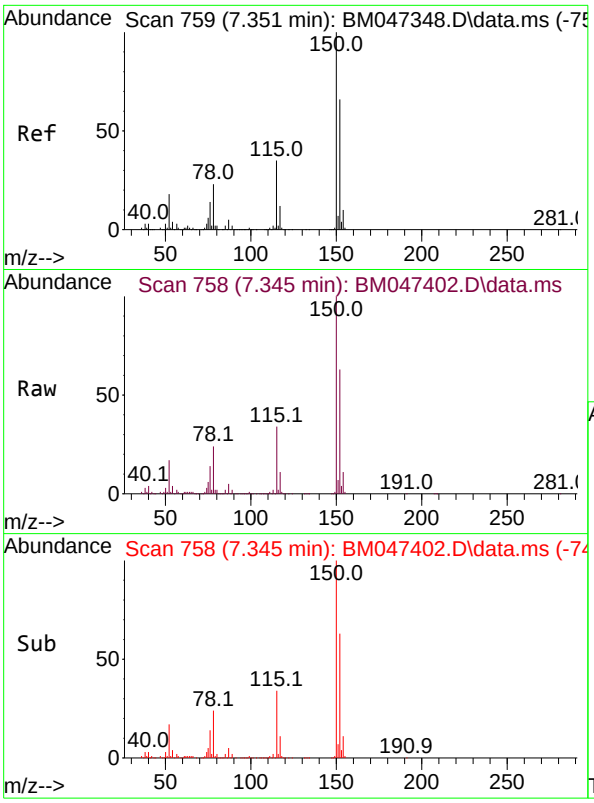


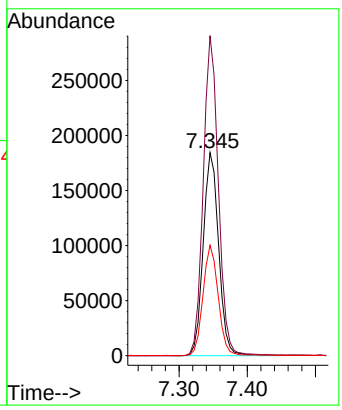


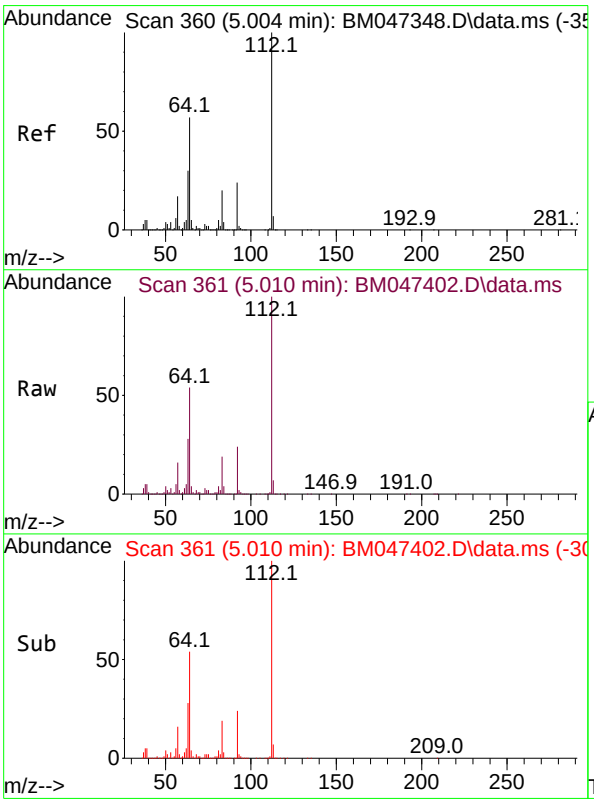
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

Instrument :
BNA_M
ClientSampleId :
PB163081BL

Tgt Ion:152 Resp: 290967

Ion	Ratio	Lower	Upper
152	100		
150	157.6	121.3	181.9
115	54.4	42.6	64.0

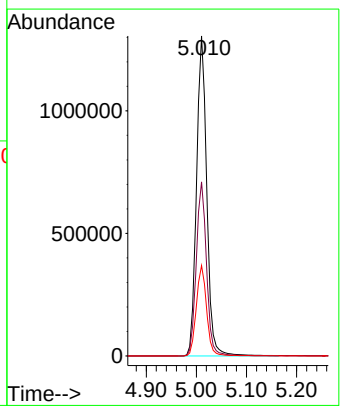


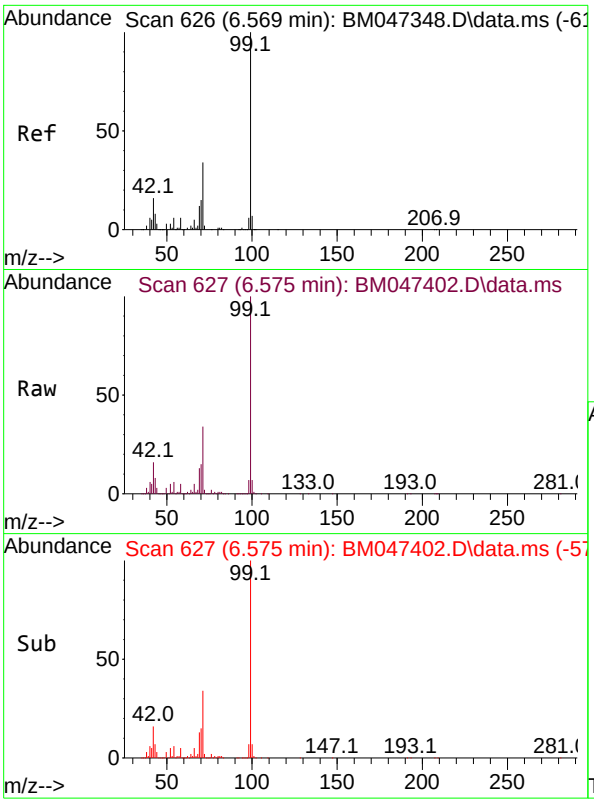


#5
2-Fluorophenol
Concen: 122.039 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

Tgt Ion:112 Resp: 1850832

Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.7	68.5
63	28.2	23.8	35.8



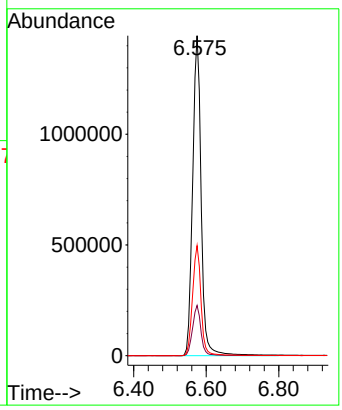


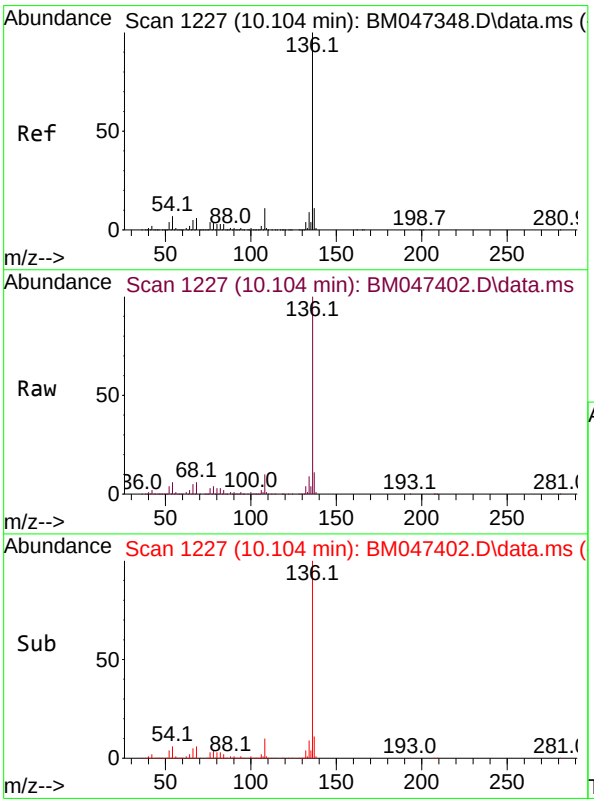
#7
Phenol-d6
Concen: 114.645 ng
RT: 6.575 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

Instrument :
BNA_M
ClientSampleId :
PB163081BL

Tgt Ion: 99 Resp: 2368568

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.0	19.4
71	34.4	27.5	41.3

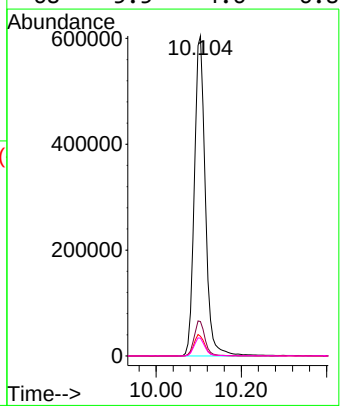


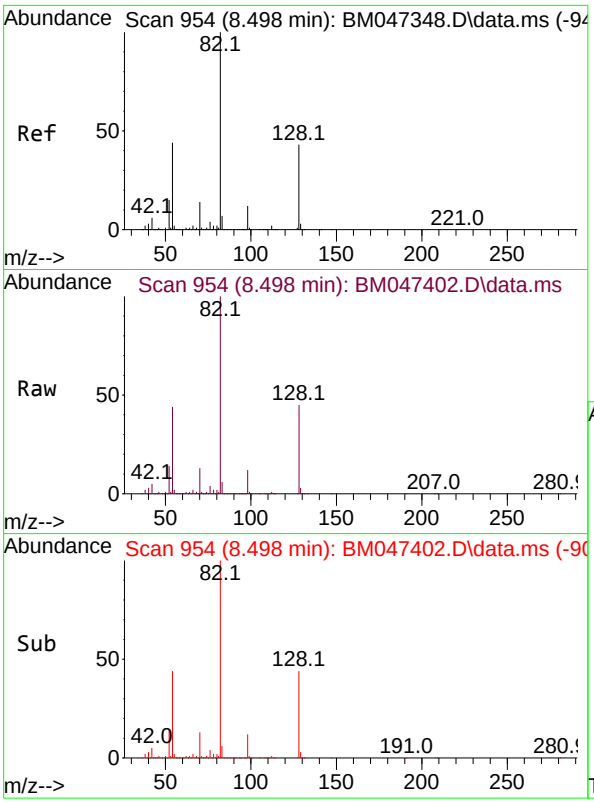


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

Tgt Ion:136 Resp: 1080873

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.1	5.2	7.8
68	5.5	4.6	6.8



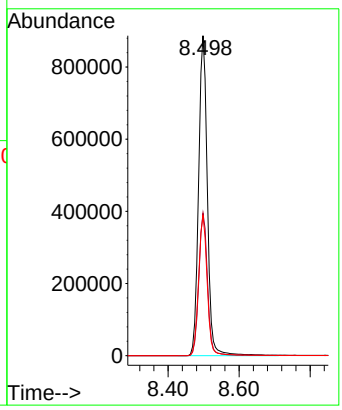


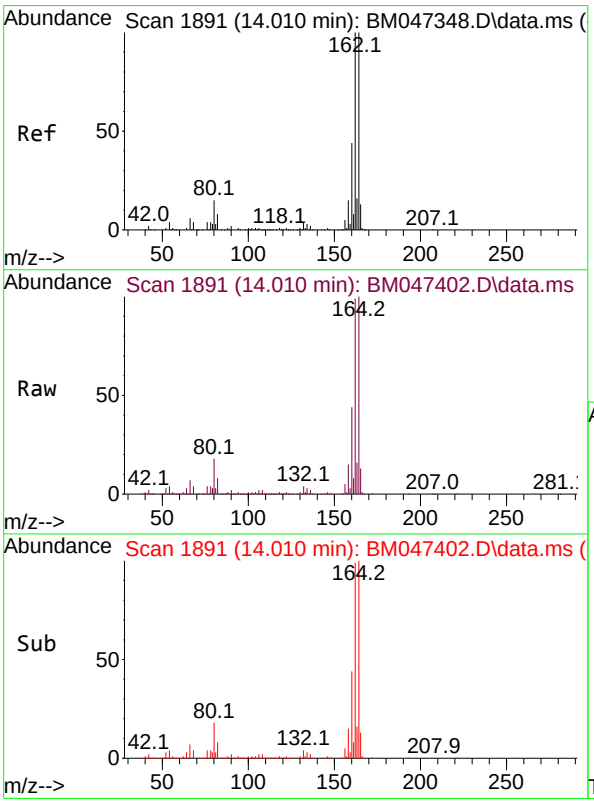
#23
Nitrobenzene-d5
Concen: 78.421 ng
RT: 8.498 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

Instrument :
BNA_M
ClientSampleId :
PB163081BL

Tgt Ion: 82 Resp: 1527660

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.6	51.8
54	43.9	35.5	53.3

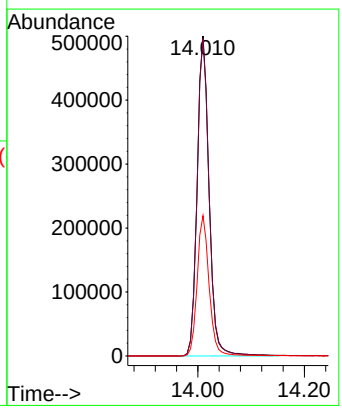


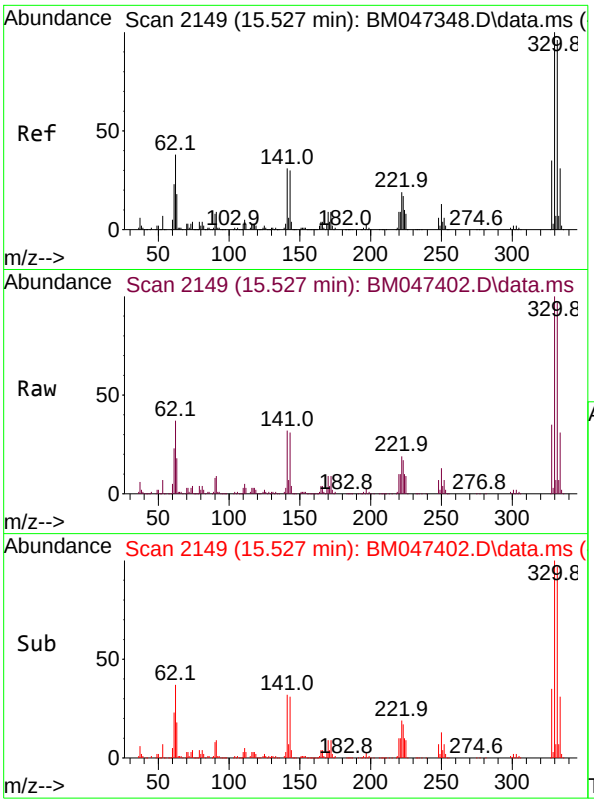


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

Tgt Ion:164 Resp: 780071

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.7	119.5
160	43.8	34.9	52.3



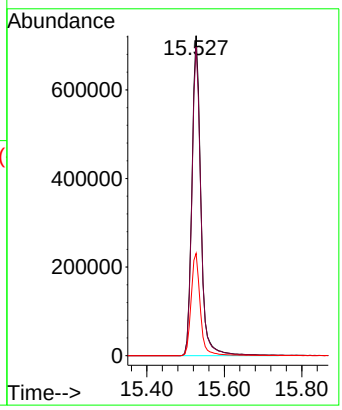


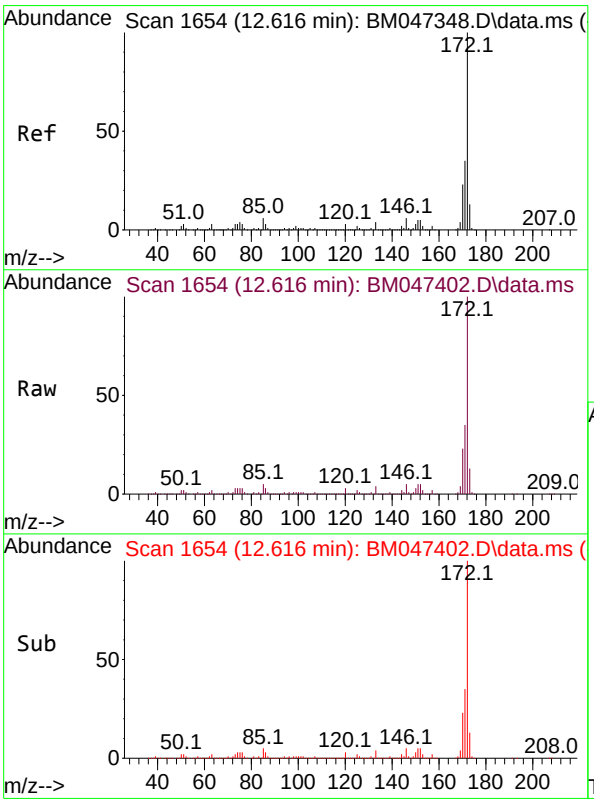
#42
2,4,6-Tribromophenol
Concen: 123.020 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

Instrument :
BNA_M
ClientSampleId :
PB163081BL

Tgt Ion:330 Resp: 1157794

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.2	115.8
141	32.8	27.6	41.4

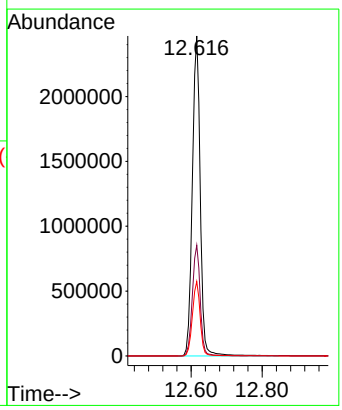


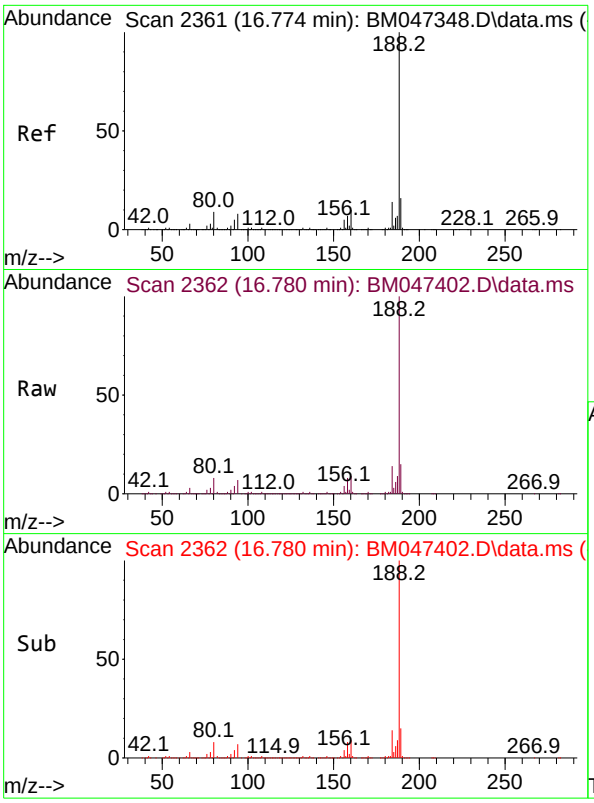


#45
2-Fluorobiphenyl
Concen: 75.202 ng
RT: 12.616 min Scan# 1654
Delta R.T. -0.000 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

Tgt Ion:172 Resp: 3817980

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.3	18.5	27.7



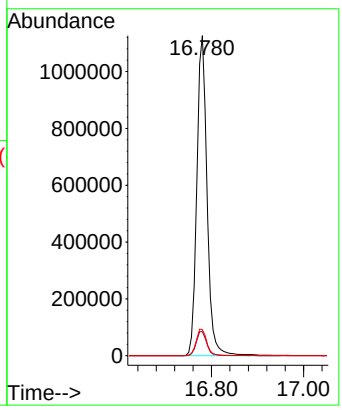


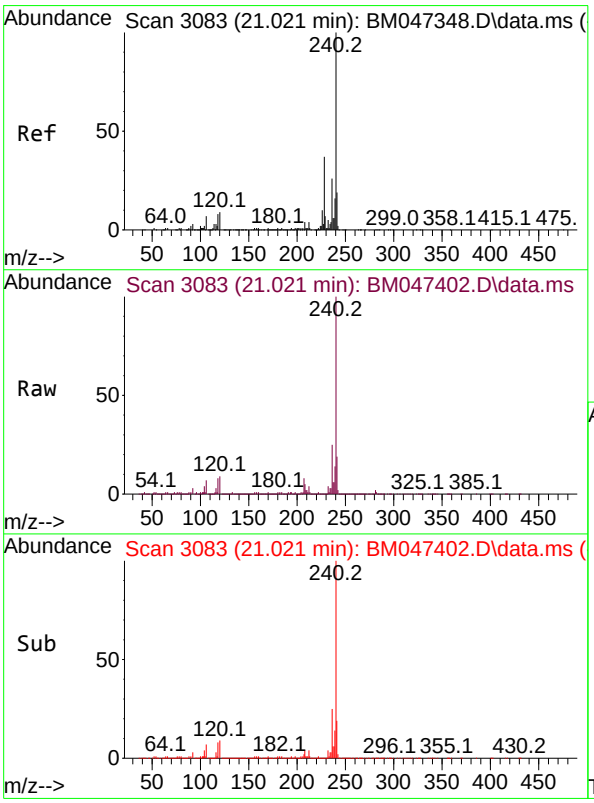
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

Instrument :
BNA_M
ClientSampleId :
PB163081BL

Tgt Ion:188 Resp: 1736593

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.4	9.6
80	8.2	7.4	11.2

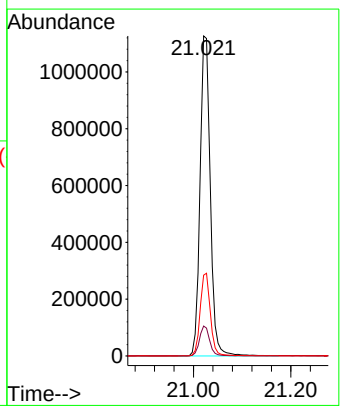


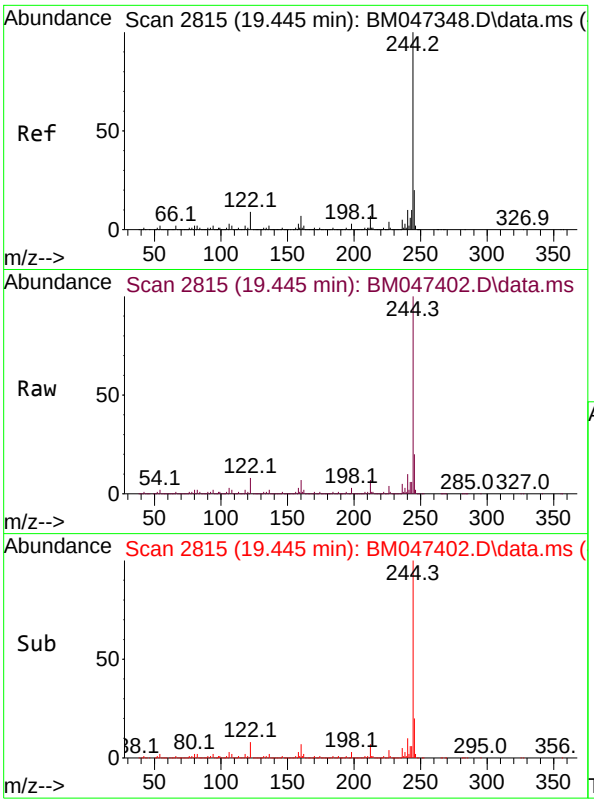


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

Tgt Ion:240 Resp: 1648141

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.4	11.0
236	25.2	20.8	31.2



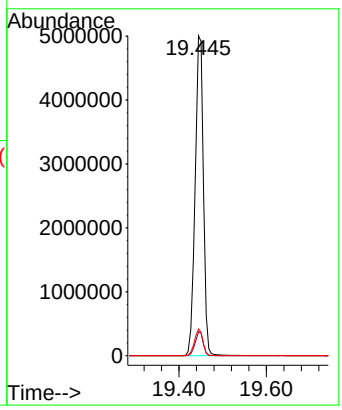


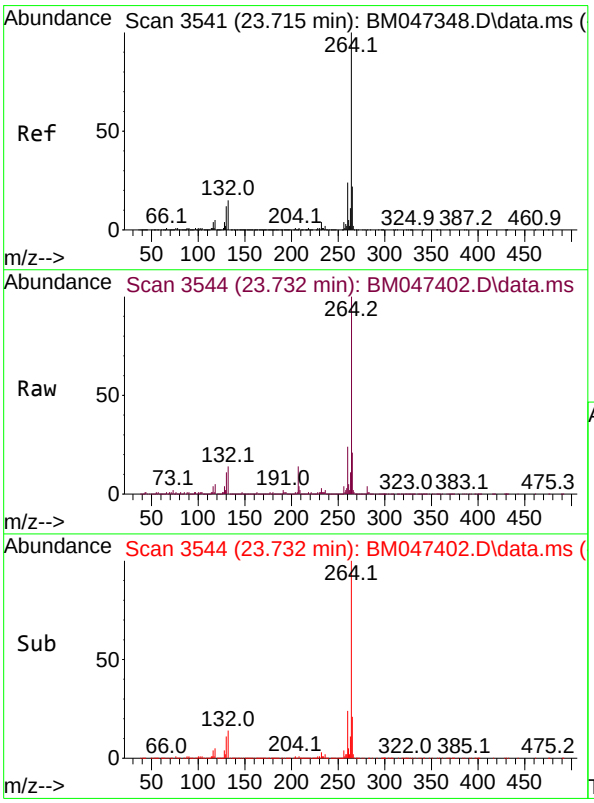
#79
Terphenyl-d14
Concen: 70.896 ng
RT: 19.445 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

Instrument :
BNA_M
ClientSampleId :
PB163081BL

Tgt Ion:244 Resp: 6564617

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	8.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.732 min Scan# 3544
Delta R.T. 0.018 min
Lab File: BM047402.D
Acq: 30 Aug 2024 12:07

Tgt Ion:264 Resp: 1723679

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	21.4	17.8	26.6