Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090524\
Data File : BM047449.D
Acq On : 05 Sep 2024 16:06
Operator : RC/JU
Sample : P3836-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)

Quant Time: Sep 05 17:00:45 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	7.339	152	301193	20.000	ng	-0.01
21) Naphthalene-d8	10.092	136	1037513	20.000	ng	-0.01
39) Acenaphthene-d10	14.004	164	637570	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1142130	20.000	ng	0.00
76) Chrysene-d12	21.015	240	894926	20.000	ng	0.00
86) Perylene-d12	23.721	264	1061529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	1565264	99.705	ng	0.00
7) Phenol-d6	6.569	99	1999762	93.508	ng	0.00
23) Nitrobenzene-d5	8.492	82	1282096	68.566	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	735182	95.575	ng	0.00
45) 2-Fluorobiphenyl	12.604	172	2771433	66.790	ng	-0.01
79) Terphenyl-d14	19.439	244	2862913	56.942	ng	0.00
Target Compounds						Qvalue

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

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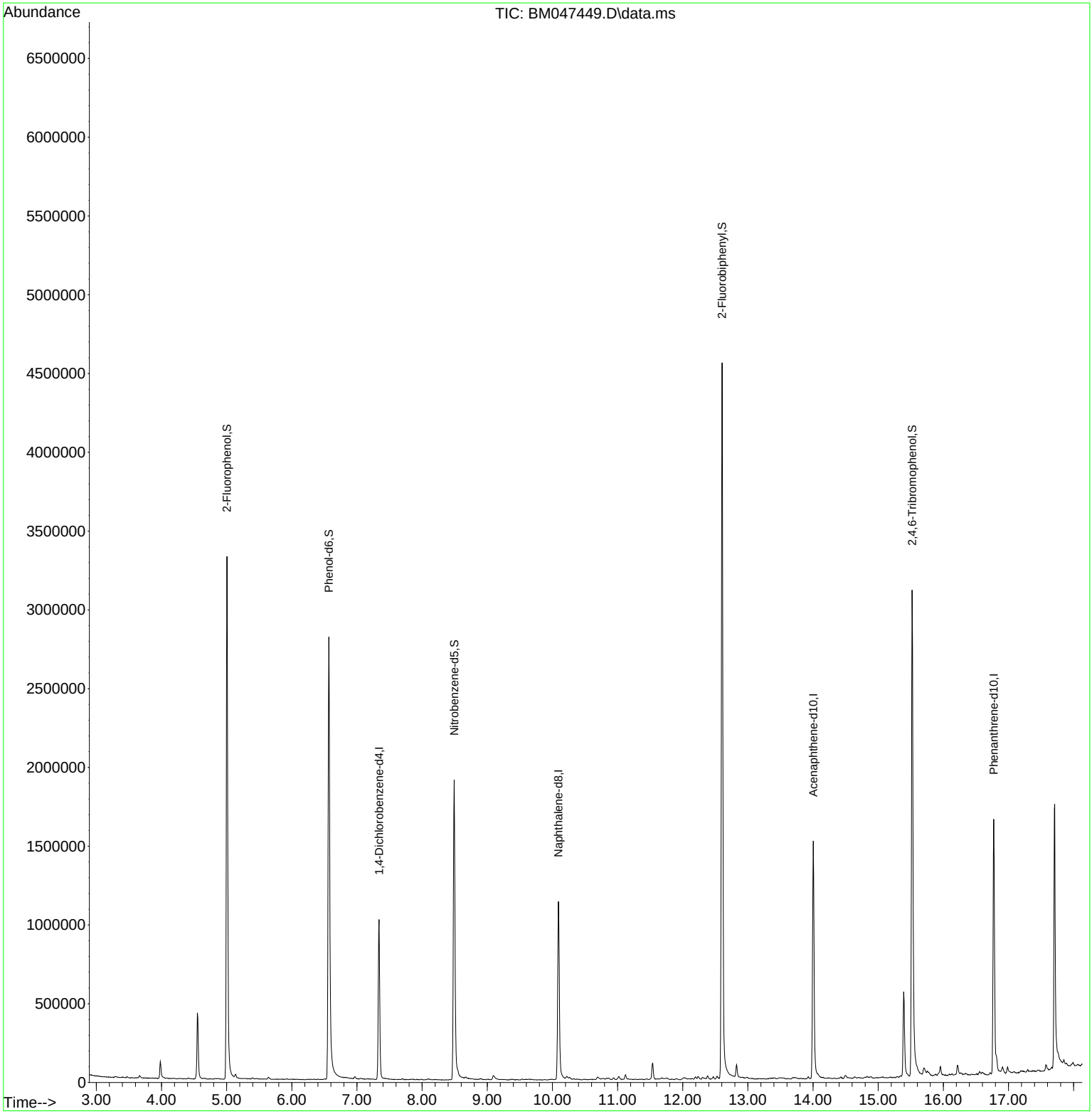

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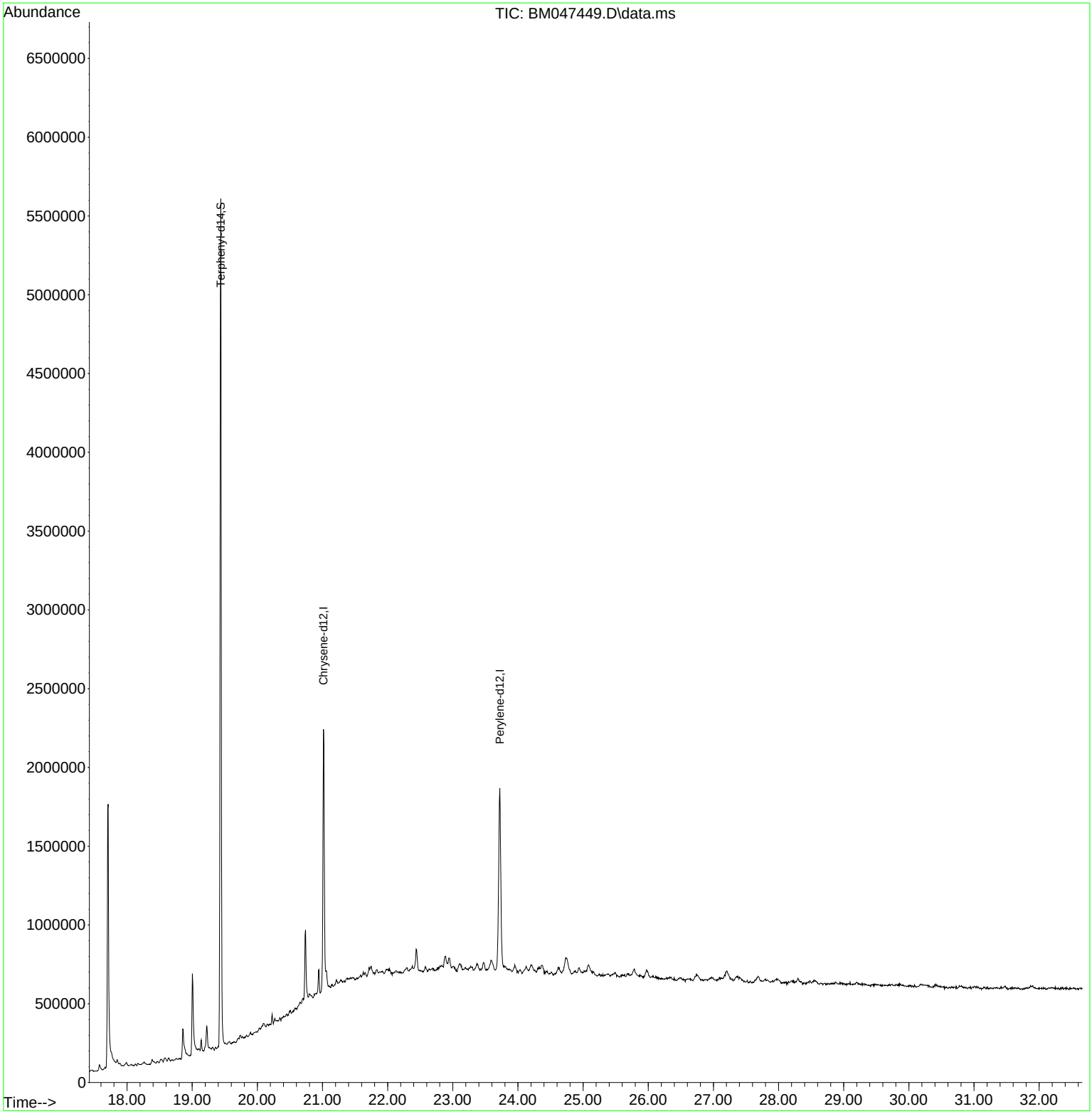
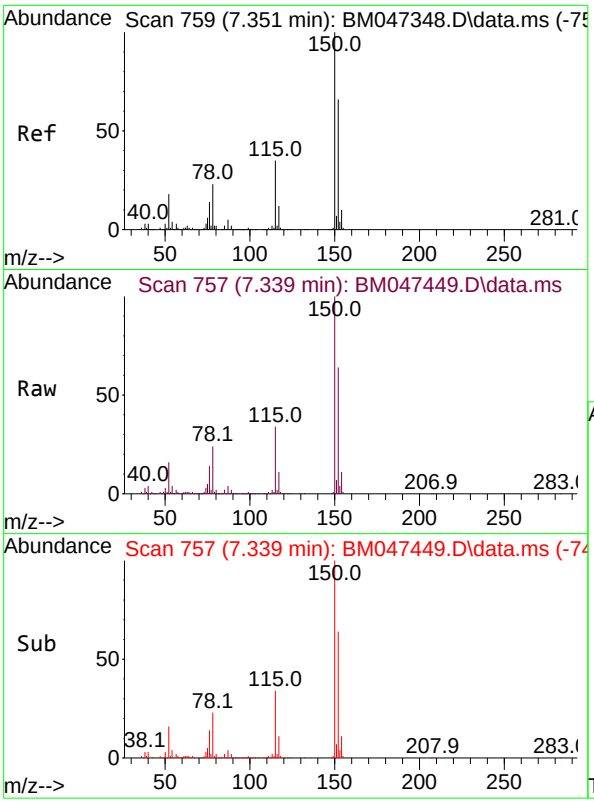


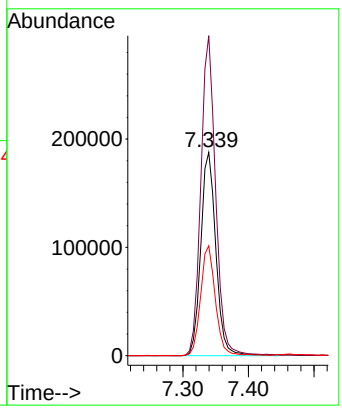


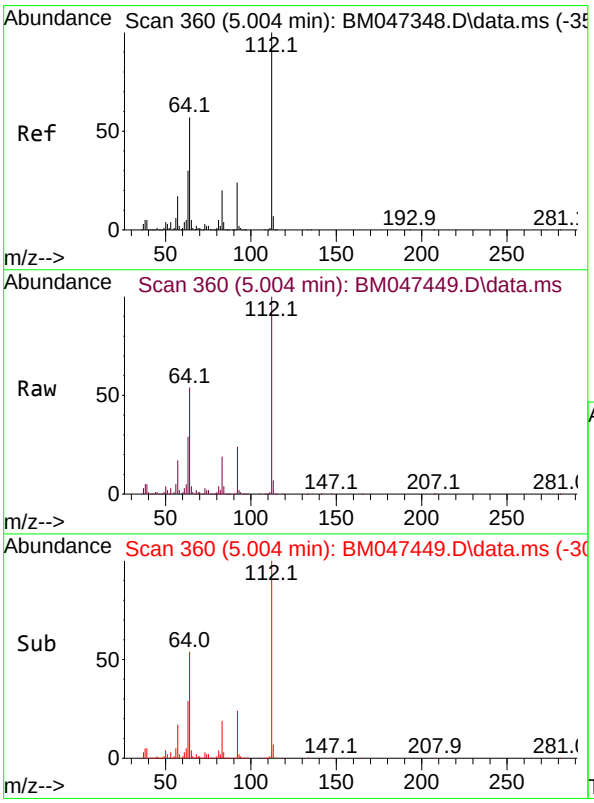
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.339 min Scan# 7
Delta R.T. -0.012 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)

Tgt Ion:152 Resp: 301193

Ion	Ratio	Lower	Upper
152	100		
150	157.3	121.3	181.9
115	54.0	42.6	64.0

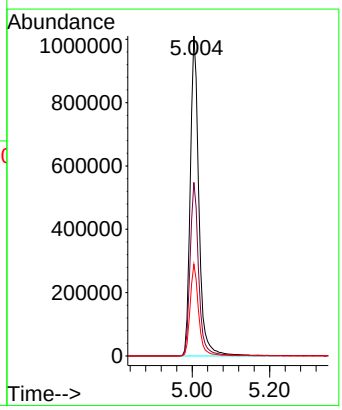


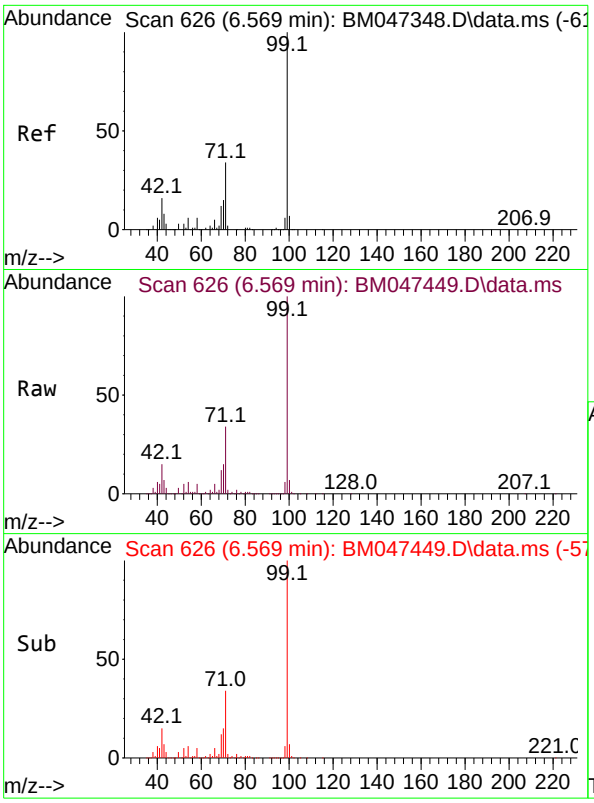


#5
2-Fluorophenol
Concen: 99.705 ng
RT: 5.004 min Scan# 360
Delta R.T. -0.000 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

Tgt Ion:112 Resp: 1565264

Ion	Ratio	Lower	Upper
112	100		
64	54.3	45.7	68.5
63	28.7	23.8	35.8



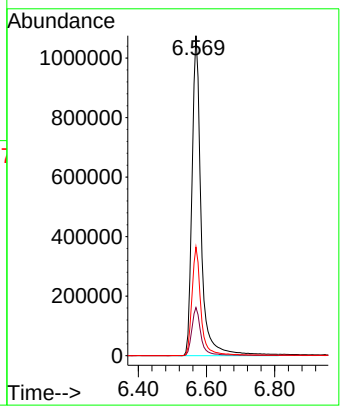


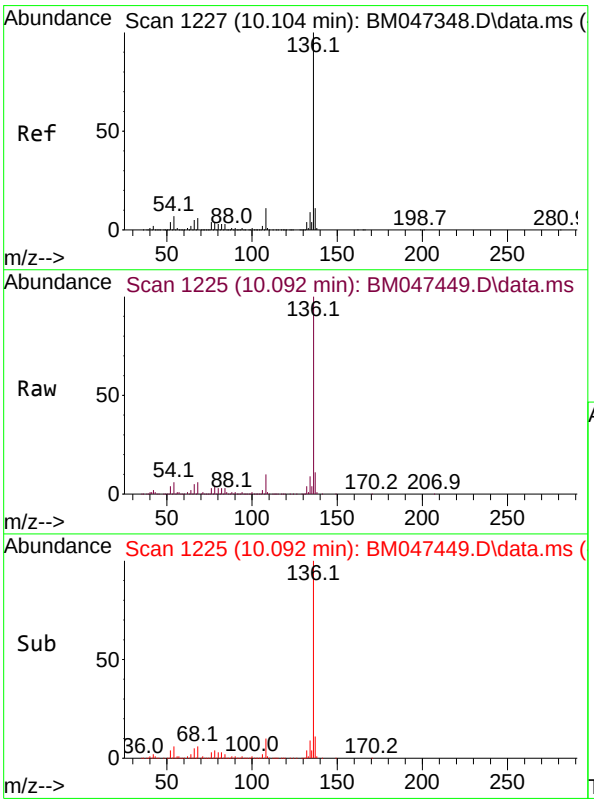
#7
Phenol-d6
Concen: 93.508 ng
RT: 6.569 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)

Tgt Ion: 99 Resp: 1999762

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.0	19.4
71	34.0	27.5	41.3

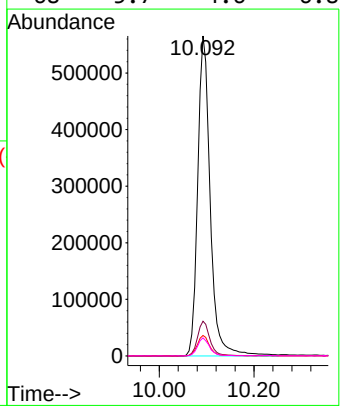


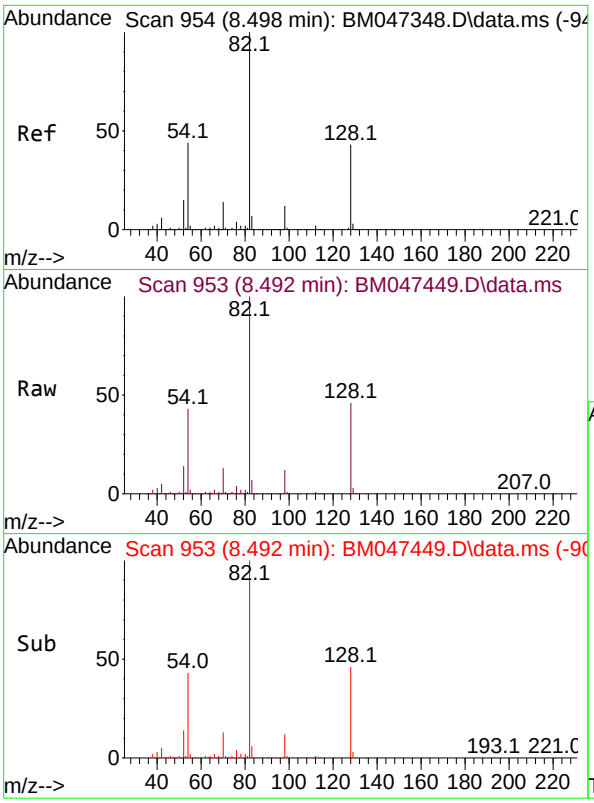


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.092 min Scan# 1225
Delta R.T. -0.012 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

Tgt Ion:136 Resp: 1037513

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.4	5.2	7.8
68	5.7	4.6	6.8



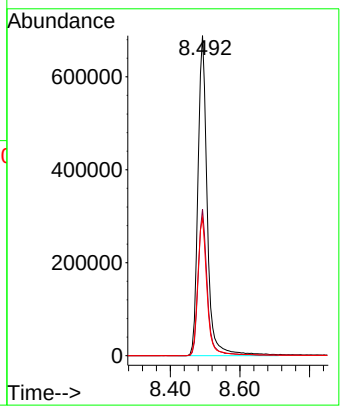


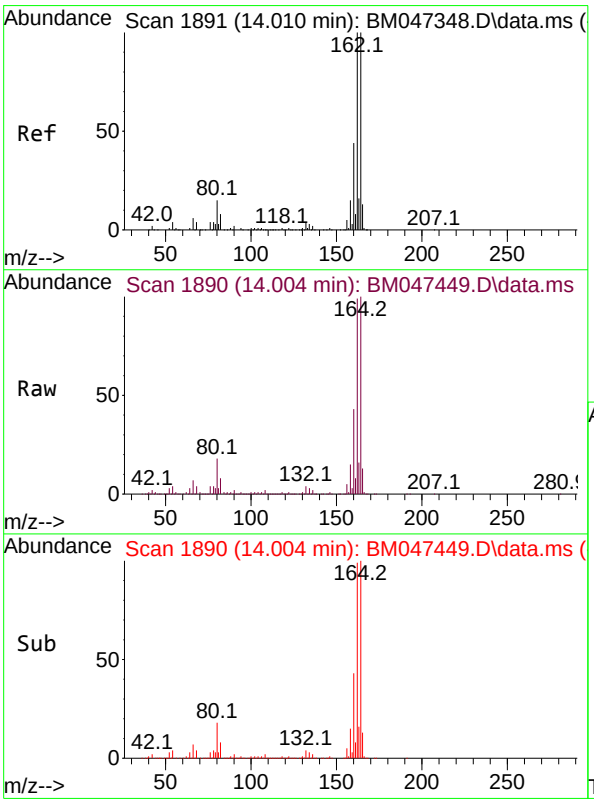
#23
Nitrobenzene-d5
Concen: 68.566 ng
RT: 8.492 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)

Tgt Ion: 82 Resp: 1282096

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	51.8
54	43.0	35.5	53.3

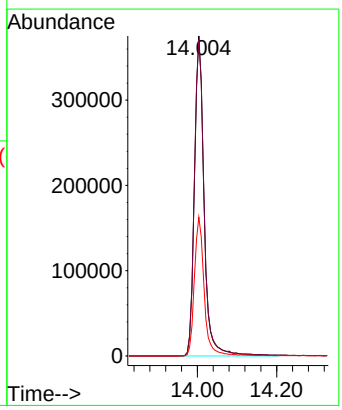


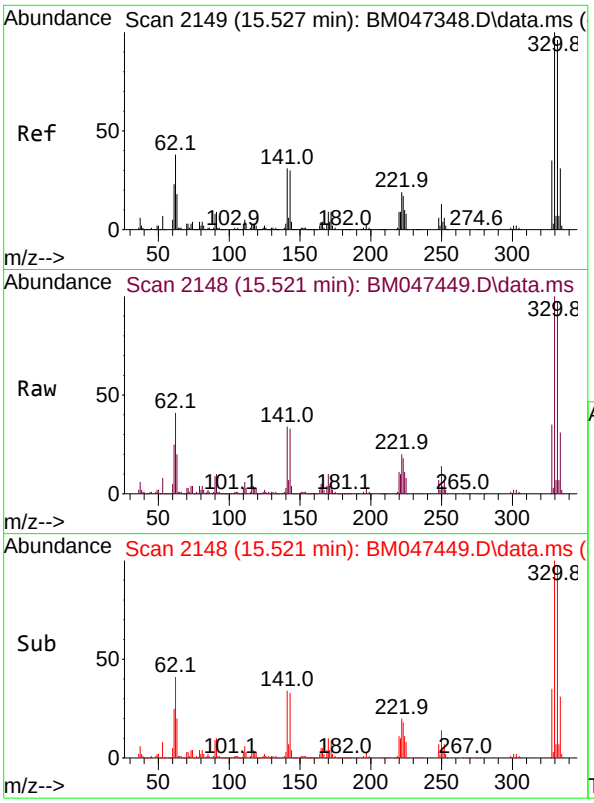


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

Tgt Ion:164 Resp: 637570

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.7	119.5
160	43.3	34.9	52.3



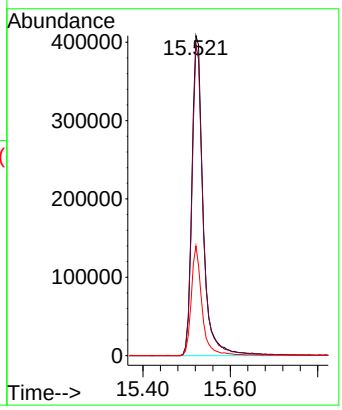


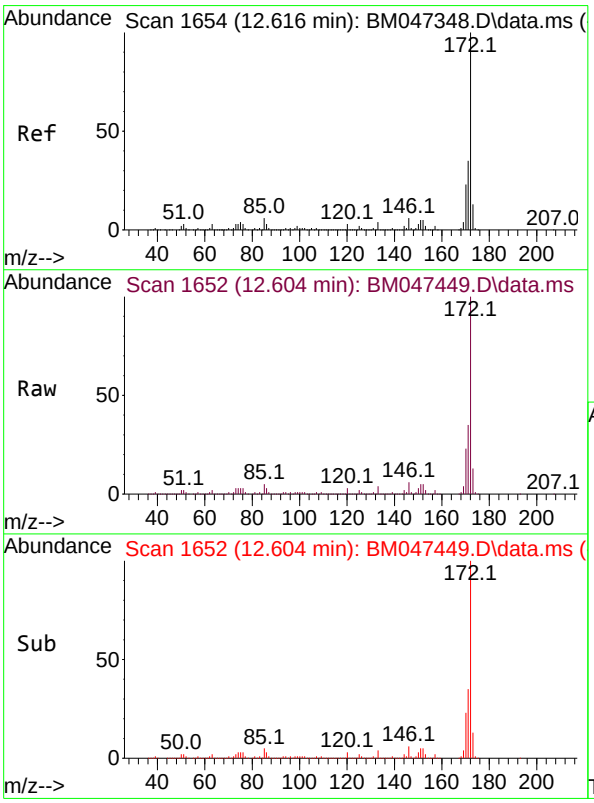
#42
2,4,6-Tribromophenol
Concen: 95.575 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)

Tgt Ion:330 Resp: 735182

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.2	115.8
141	32.5	27.6	41.4

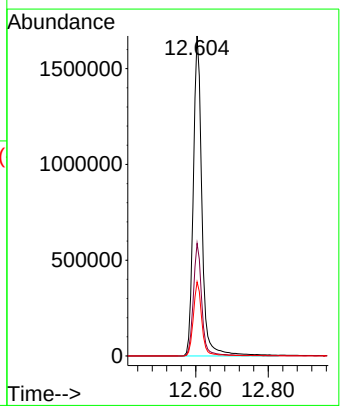


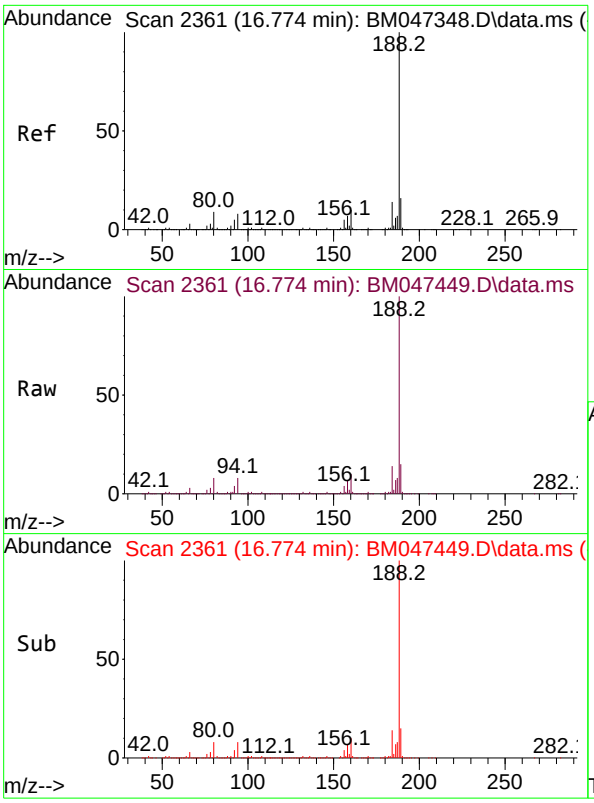


#45
2-Fluorobiphenyl
Concen: 66.790 ng
RT: 12.604 min Scan# 1652
Delta R.T. -0.012 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

Tgt Ion:172 Resp: 2771433

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	23.2	18.5	27.7



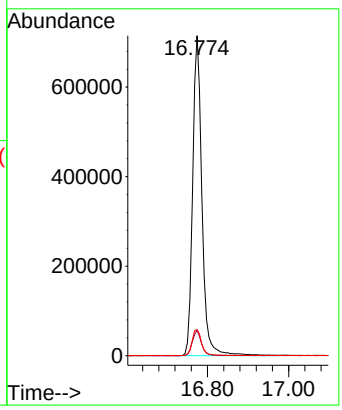


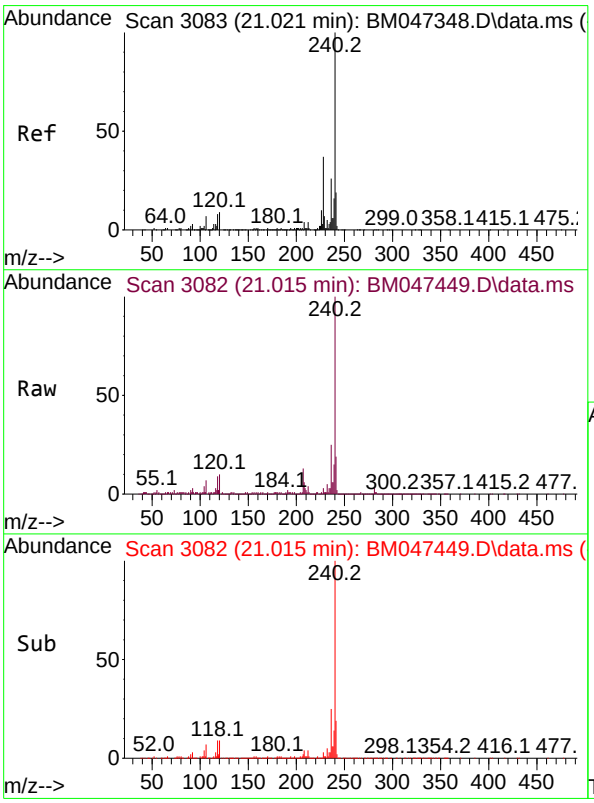
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)

Tgt Ion:188 Resp: 1142130

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.4	9.6
80	8.1	7.4	11.2

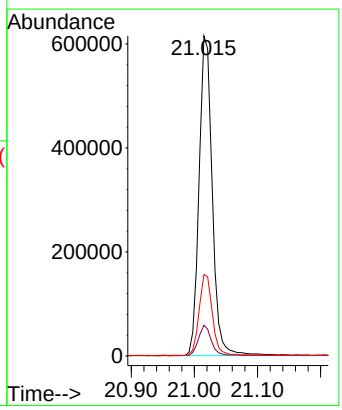


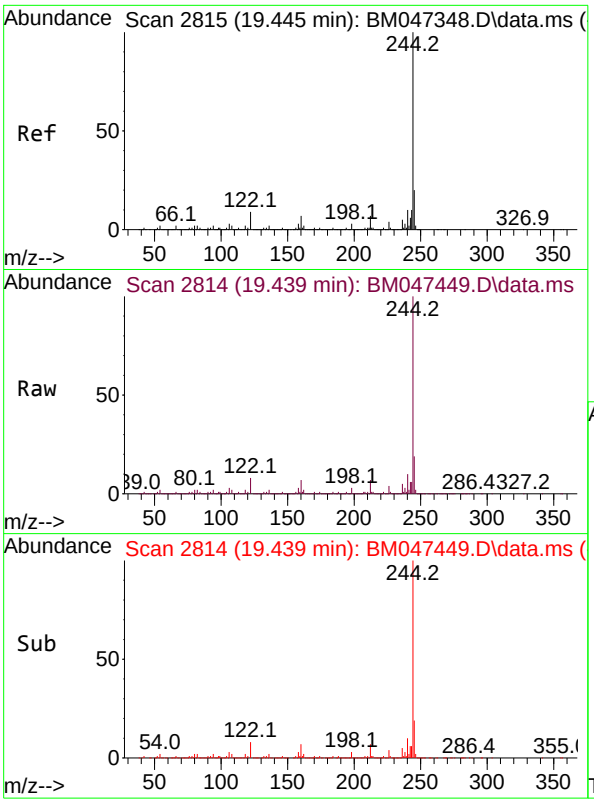


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.015 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

Tgt Ion:240 Resp: 894926

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.4	11.0
236	25.5	20.8	31.2



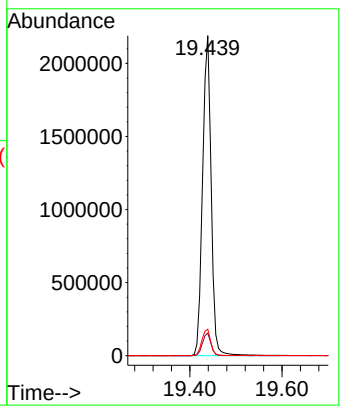


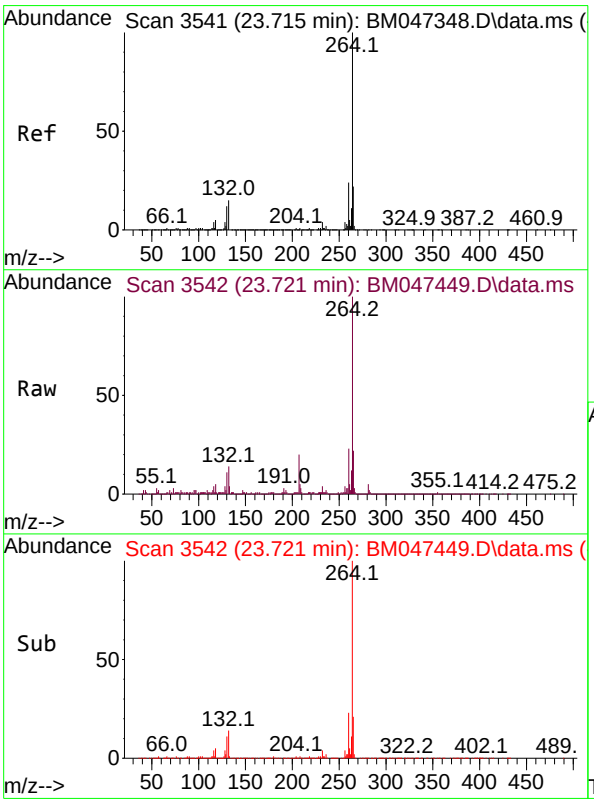
#79
Terphenyl-d14
Concen: 56.942 ng
RT: 19.439 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

Instrument :
BNA_M
ClientSampleId :
DN-B-38(B-8)

Tgt Ion:244 Resp: 2862913

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3542
Delta R.T. 0.006 min
Lab File: BM047449.D
Acq: 05 Sep 2024 16:06

Tgt Ion:264 Resp: 1061529

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	22.1	17.8	26.6