Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082624\
Data File : BM047353.D
Acq On : 26 Aug 2024 19:03
Operator : RC/JU
Sample : PB162917BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB162917BL

Quant Time: Aug 27 04:29:37 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	7.351	152	266712	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	957975	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	646074	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1332896	20.000	ng	0.00
76) Chrysene-d12	21.015	240	930328	20.000	ng	0.00
86) Perylene-d12	23.715	264	873449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2114704	152.118	ng	0.00
7) Phenol-d6	6.569	99	2704541	142.812	ng	0.00
23) Nitrobenzene-d5	8.498	82	1750820	101.407	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	1172283	150.393	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	4151531	98.732	ng	0.00
79) Terphenyl-d14	19.445	244	5503082	105.288	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.528	77	230	Below Cal	#	25

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

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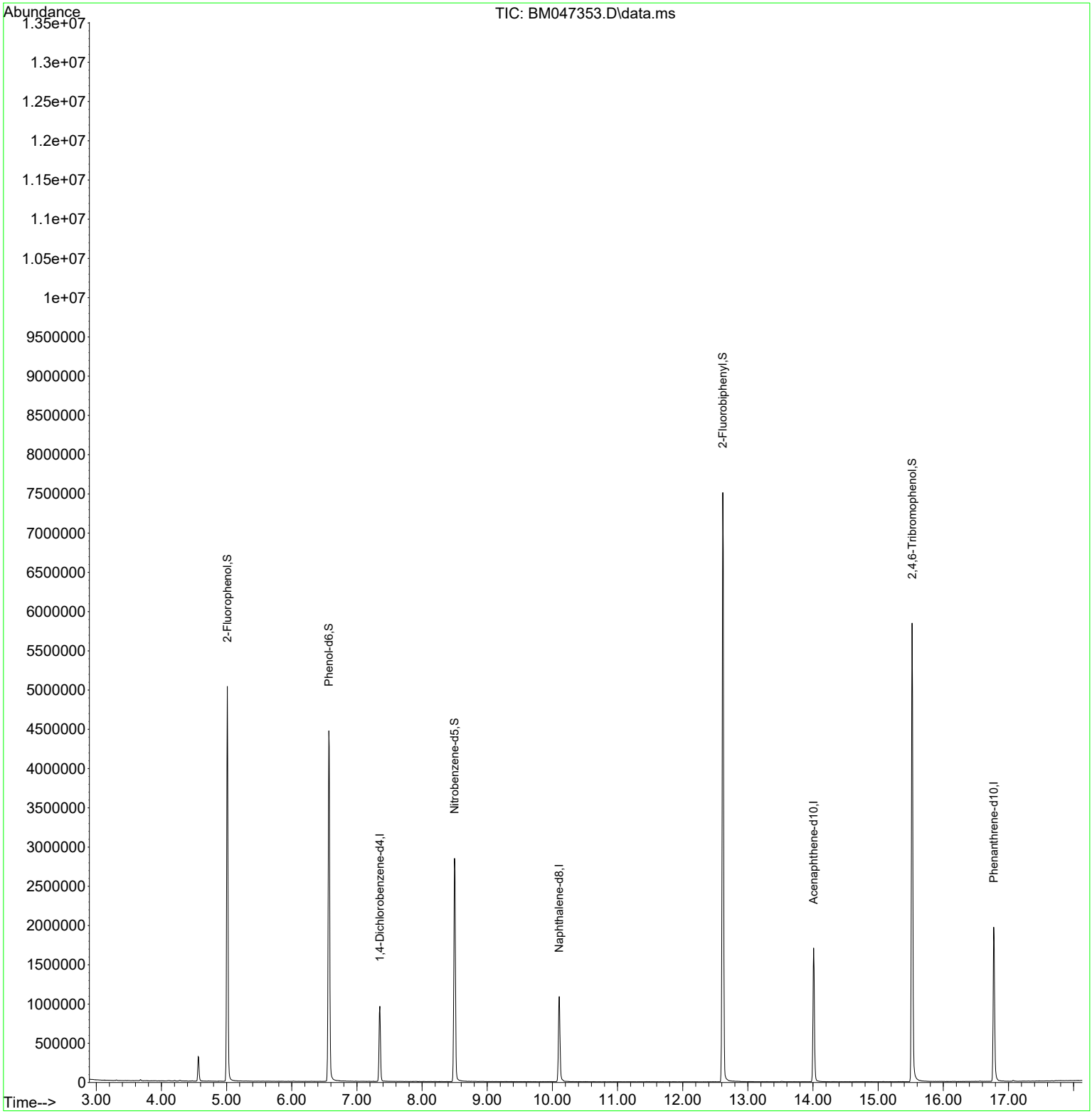

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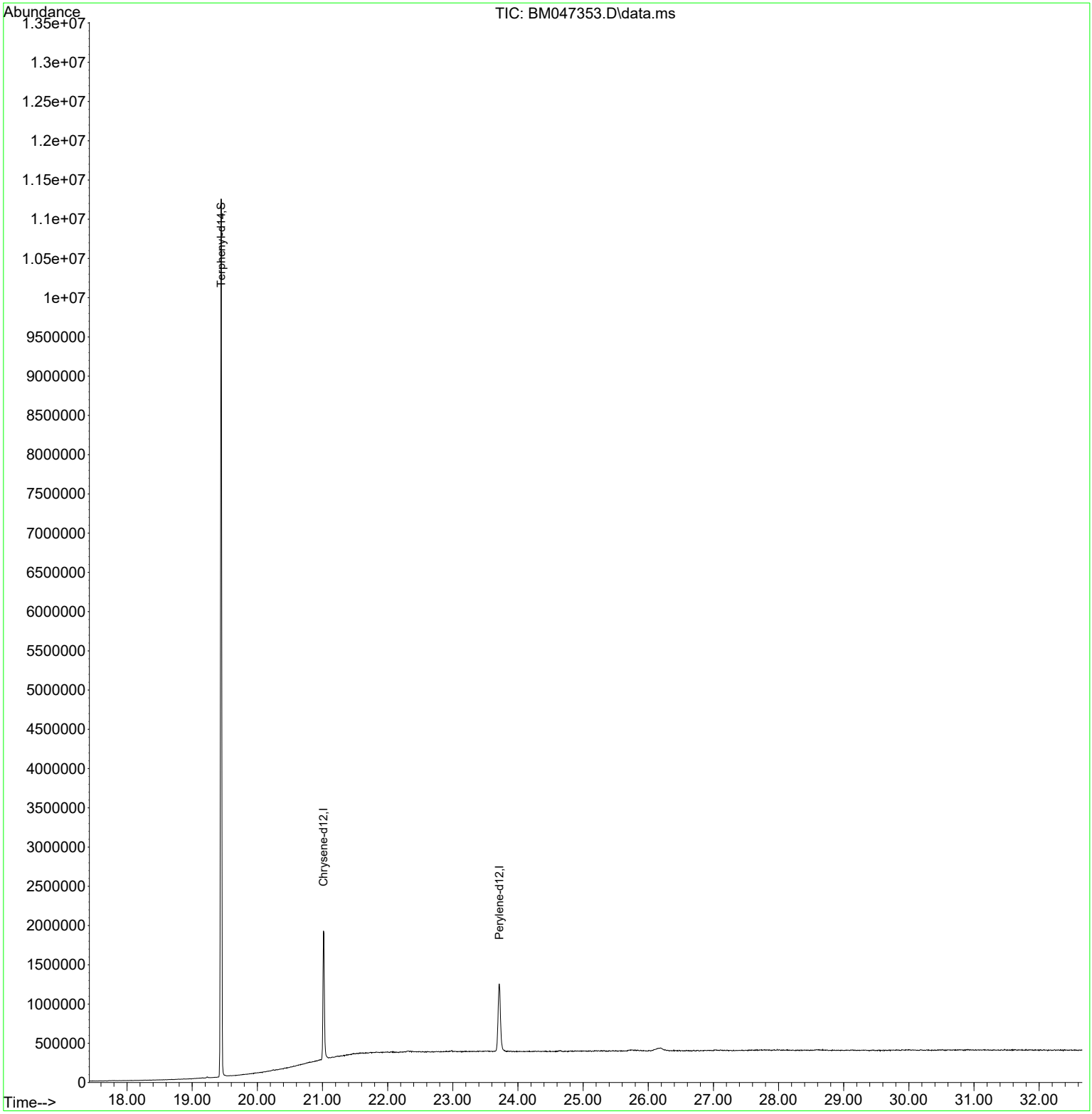
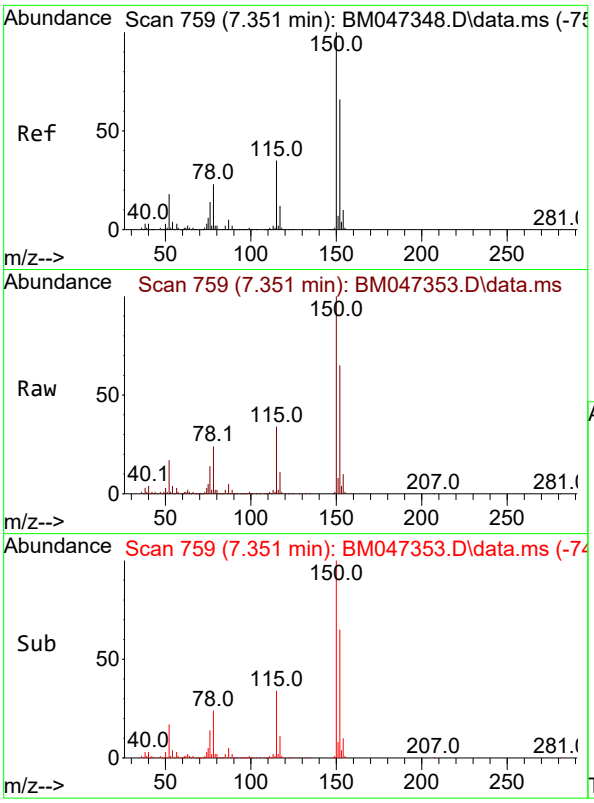


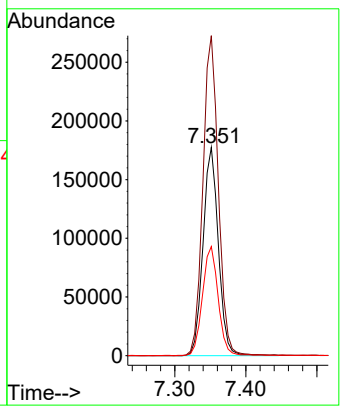


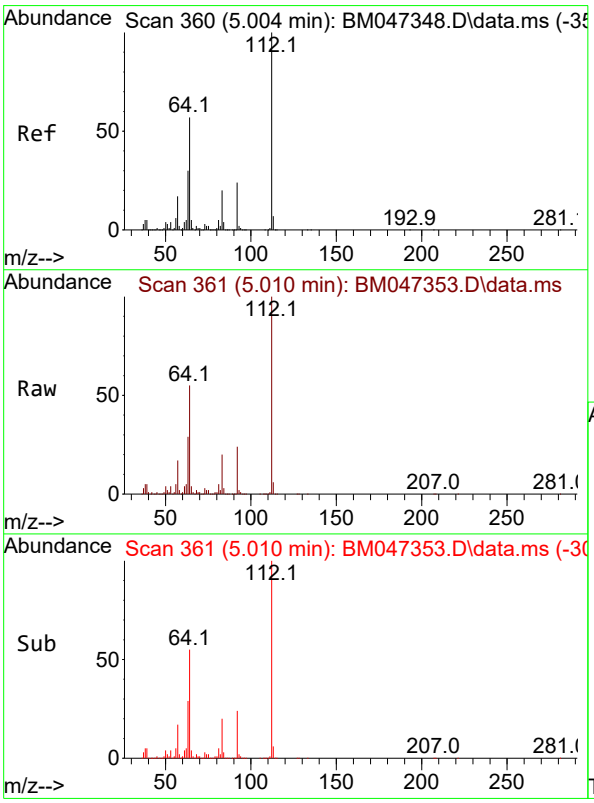
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

Instrument :
BNA_M
ClientSampleId :
PB162917BL

Tgt Ion:152 Resp: 266712

Ion	Ratio	Lower	Upper
152	100		
150	153.6	121.3	181.9
115	52.4	42.6	64.0

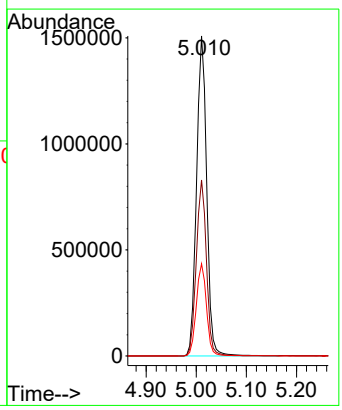


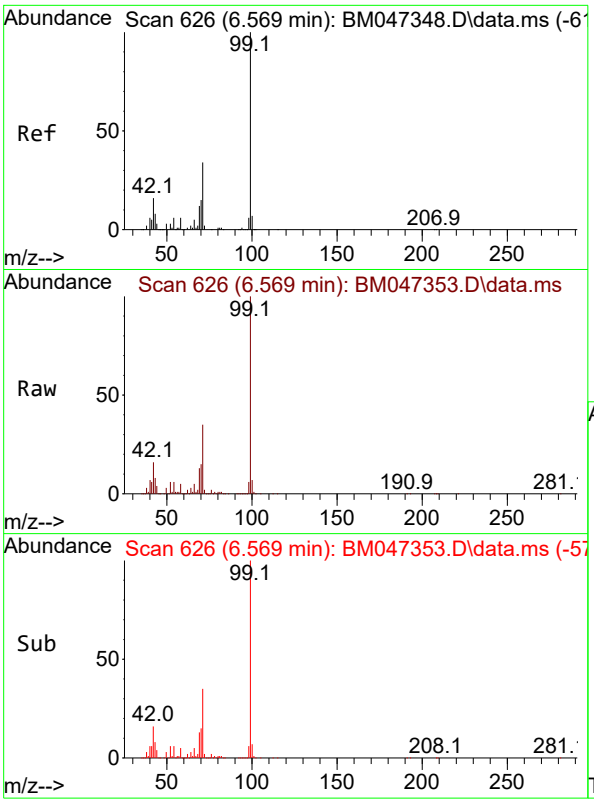


#5
2-Fluorophenol
Concen: 152.118 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

Tgt Ion:112 Resp: 2114704

Ion	Ratio	Lower	Upper
112	100		
64	55.0	45.7	68.5
63	28.8	23.8	35.8



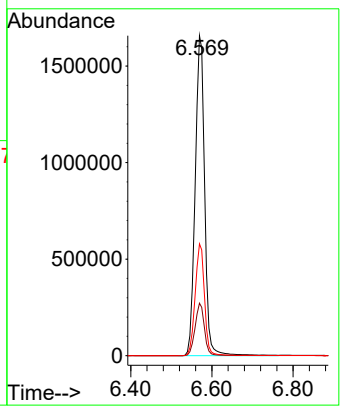


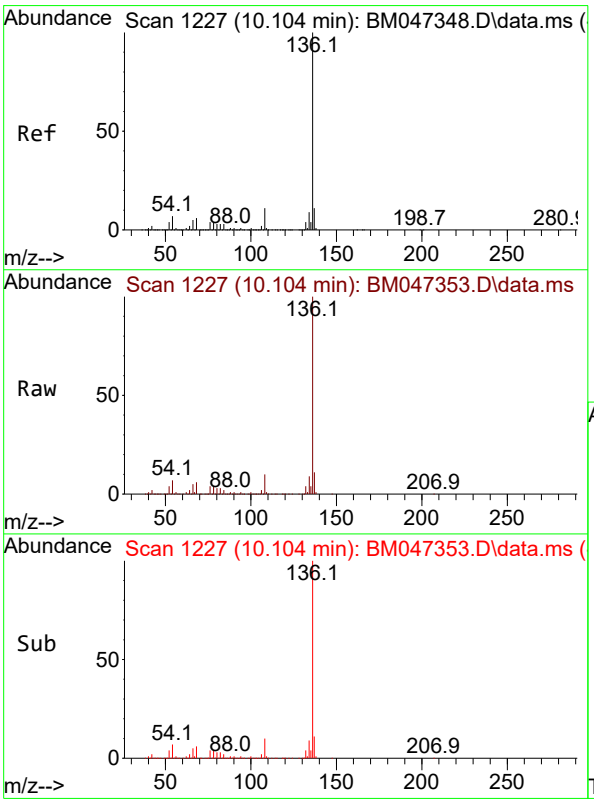
#7
Phenol-d6
Concen: 142.812 ng
RT: 6.569 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

Instrument :
BNA_M
ClientSampleId :
PB162917BL

Tgt Ion: 99 Resp: 2704541

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.0	19.4
71	35.0	27.5	41.3

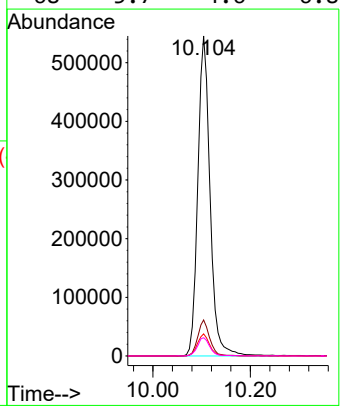


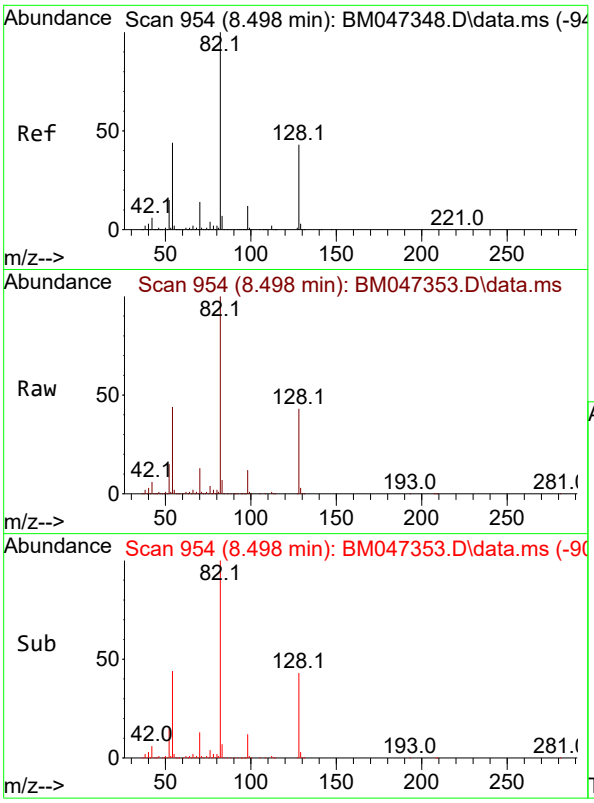


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

Tgt Ion:136 Resp: 957975

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.9	5.2	7.8
68	5.7	4.6	6.8



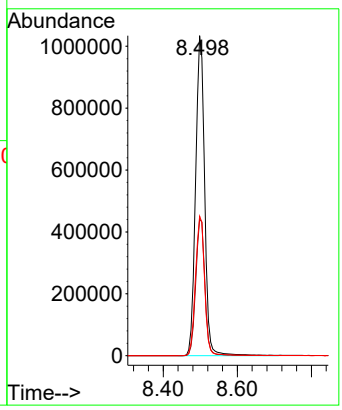


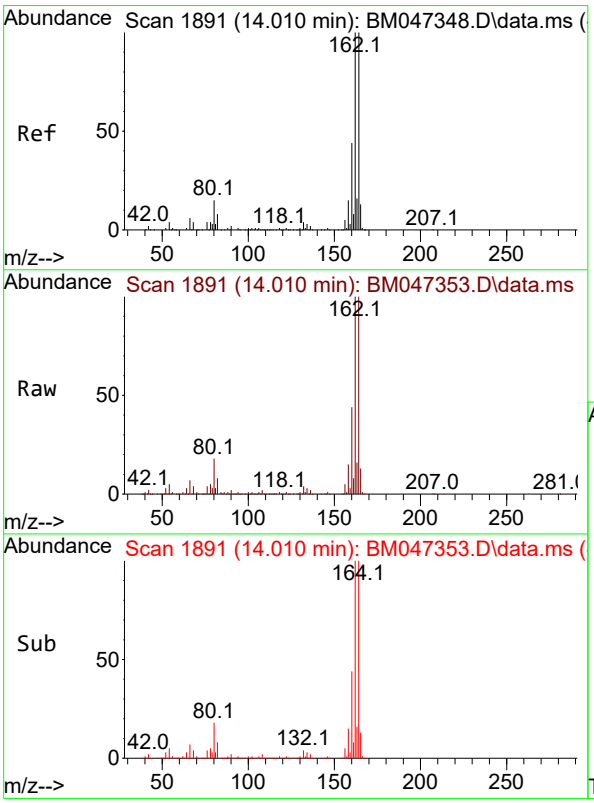
#23
Nitrobenzene-d5
Concen: 101.407 ng
RT: 8.498 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

Instrument :
BNA_M
ClientSampleId :
PB162917BL

Tgt Ion: 82 Resp: 1750820

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	43.6	35.5	53.3

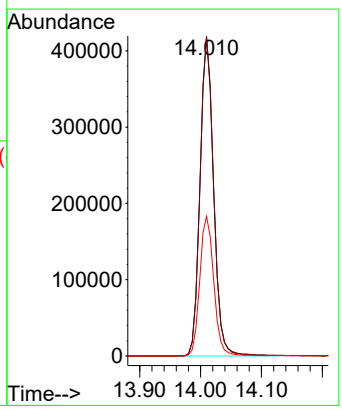


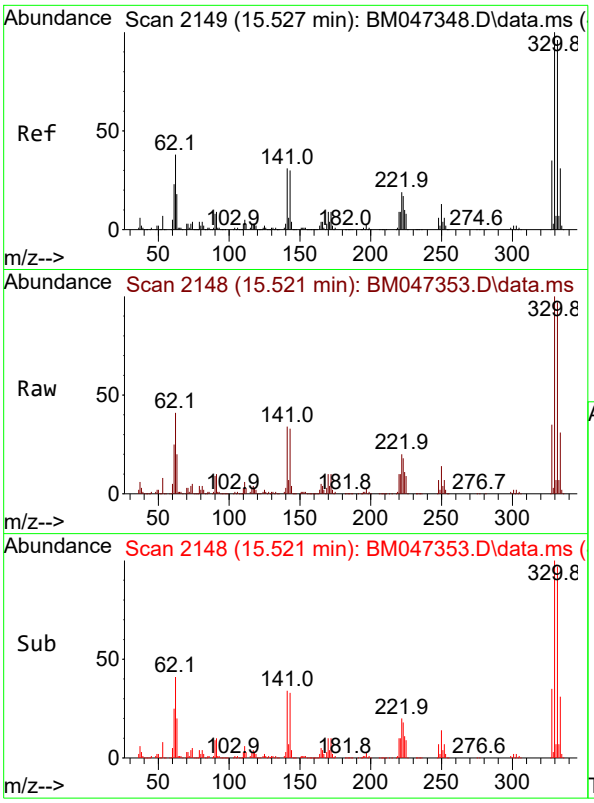


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

Tgt Ion:164 Resp: 646074

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.7	119.5
160	43.7	34.9	52.3



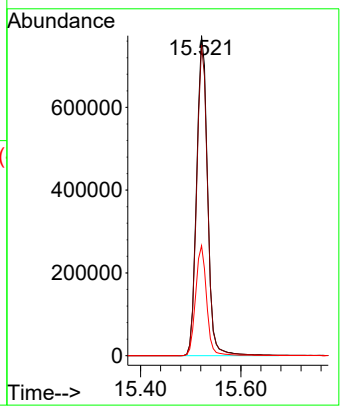


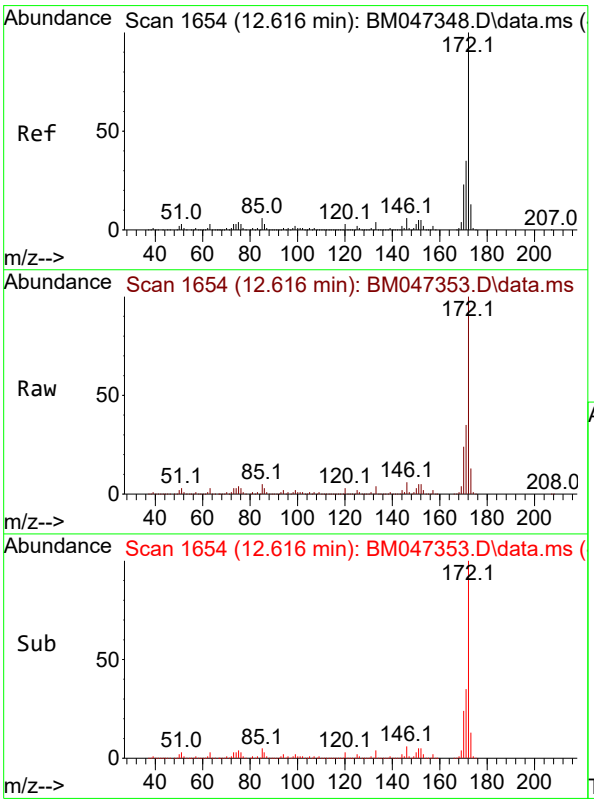
#42
2,4,6-Tribromophenol
Concen: 150.393 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

Instrument :
BNA_M
ClientSampleId :
PB162917BL

Tgt Ion:330 Resp: 1172283

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.2	115.8
141	34.4	27.6	41.4

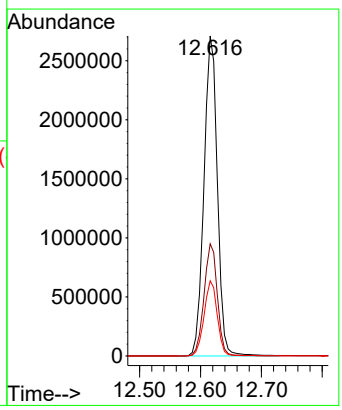


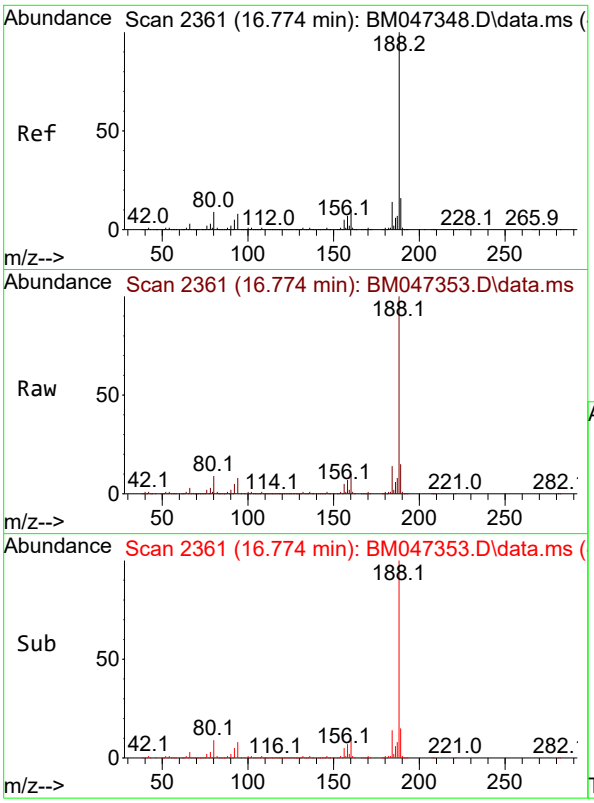


#45
2-Fluorobiphenyl
Concen: 98.732 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

Tgt Ion:172 Resp: 4151531

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	23.5	18.5	27.7



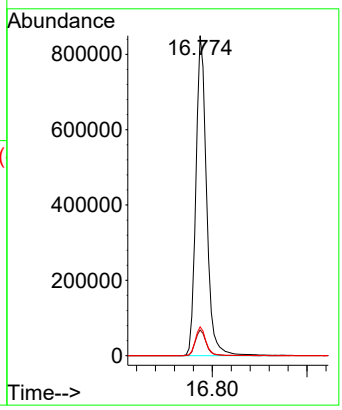


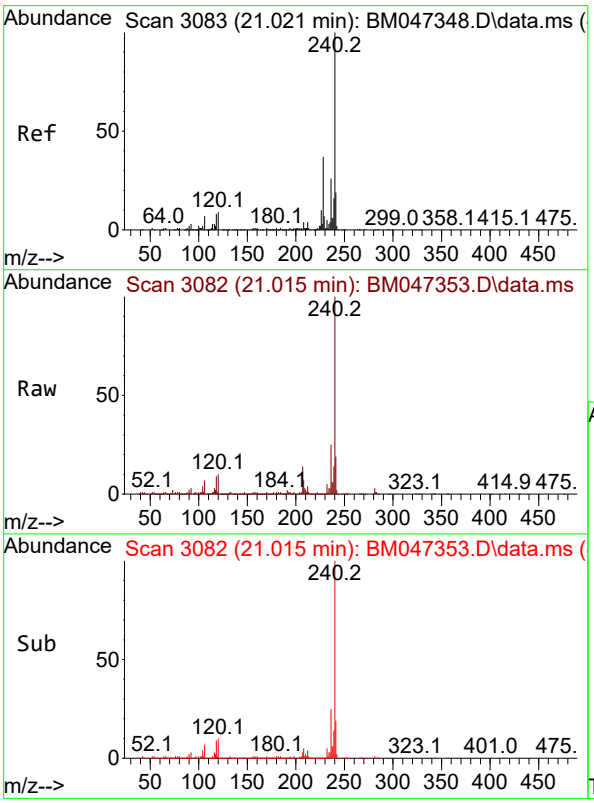
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

Instrument :
BNA_M
ClientSampleId :
PB162917BL

Tgt Ion:188 Resp: 1332896

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	9.0	7.4	11.2

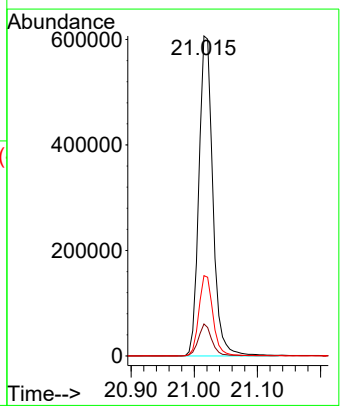


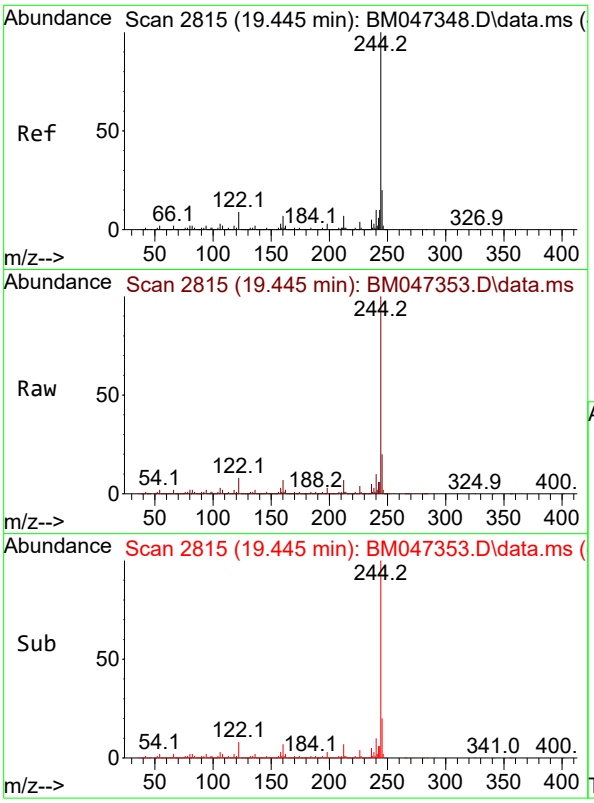


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.015 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

Tgt Ion:240 Resp: 930328

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.4	11.0
236	25.1	20.8	31.2



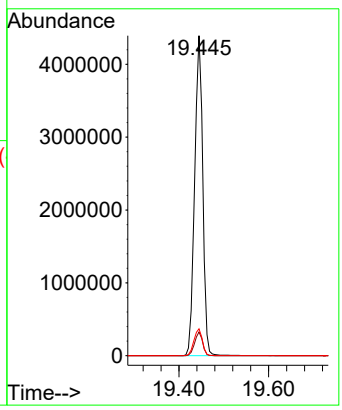


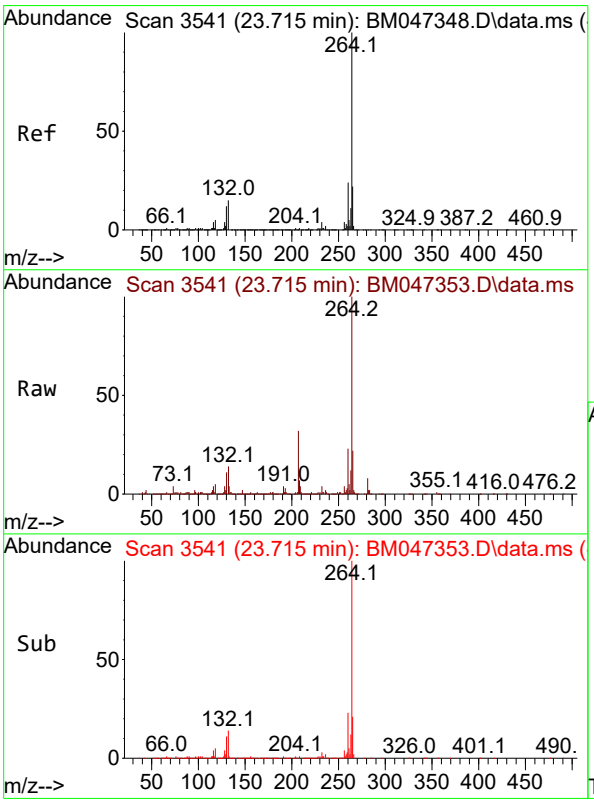
#79
Terphenyl-d14
Concen: 105.288 ng
RT: 19.445 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

Instrument :
BNA_M
ClientSampleId :
PB162917BL

Tgt Ion:244 Resp: 5503082

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	8.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3541
Delta R.T. 0.000 min
Lab File: BM047353.D
Acq: 26 Aug 2024 19:03

Tgt Ion:264 Resp: 873449

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.8	17.8	26.6