Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092024\
Data File : BM047590.D
Acq On : 20 Sep 2024 15:41
Operator : RC/JU
Sample : PB163138BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163138BL

Quant Time: Sep 21 03:24:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	324847	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1242967	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	608799	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1071432	20.000	ng	0.00
76) Chrysene-d12	21.433	240	717325	20.000	ng	0.00
86) Perylene-d12	24.462	264	713682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2705123	127.613	ng	0.00
7) Phenol-d6	7.010	99	3381697	121.073	ng	0.00
23) Nitrobenzene-d5	8.998	82	2062146	82.588	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	647407	114.843	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3724972	86.576	ng	0.00
79) Terphenyl-d14	19.827	244	4335586	108.448	ng	0.00
Target Compounds						Qvalue

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

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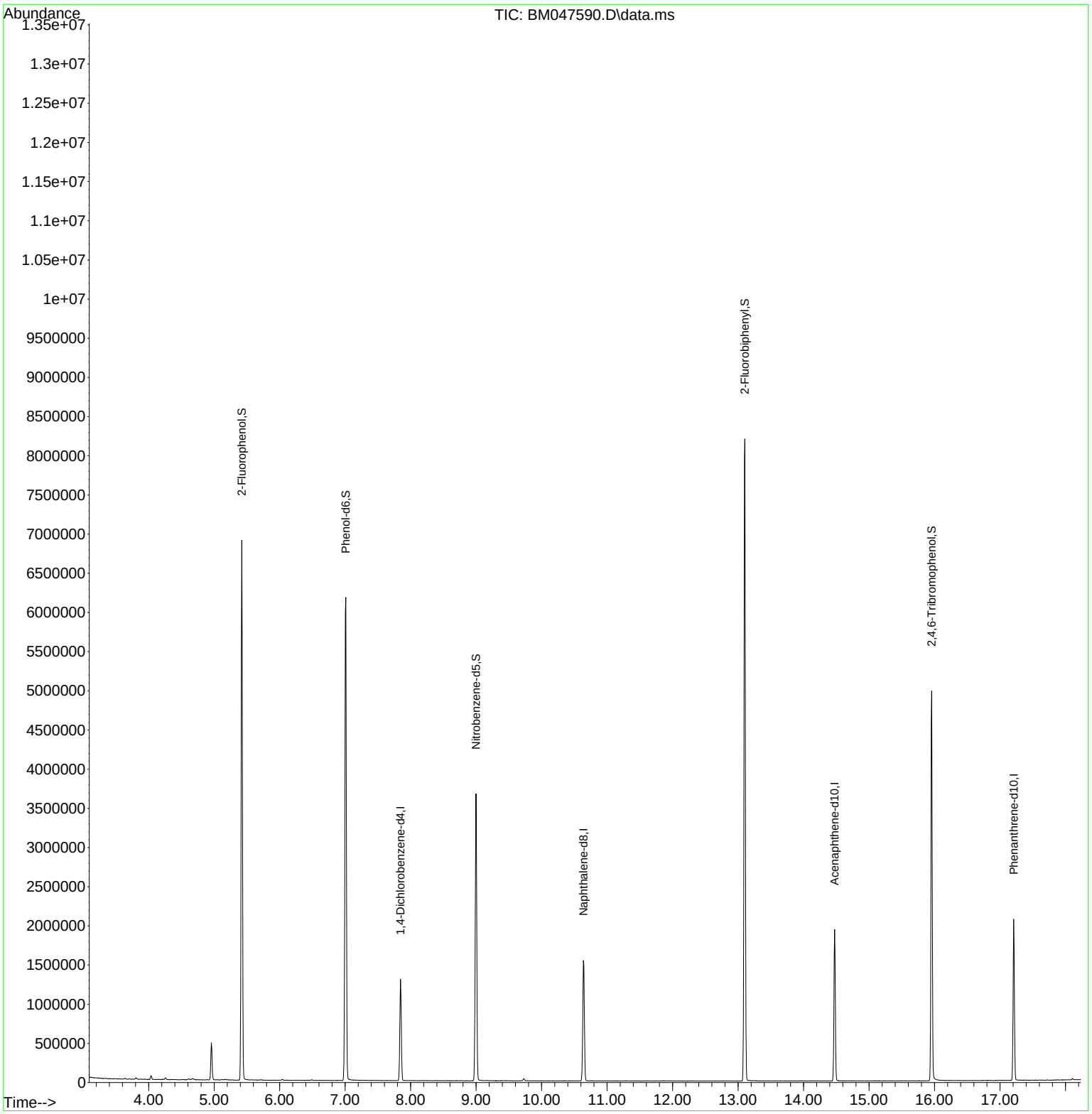

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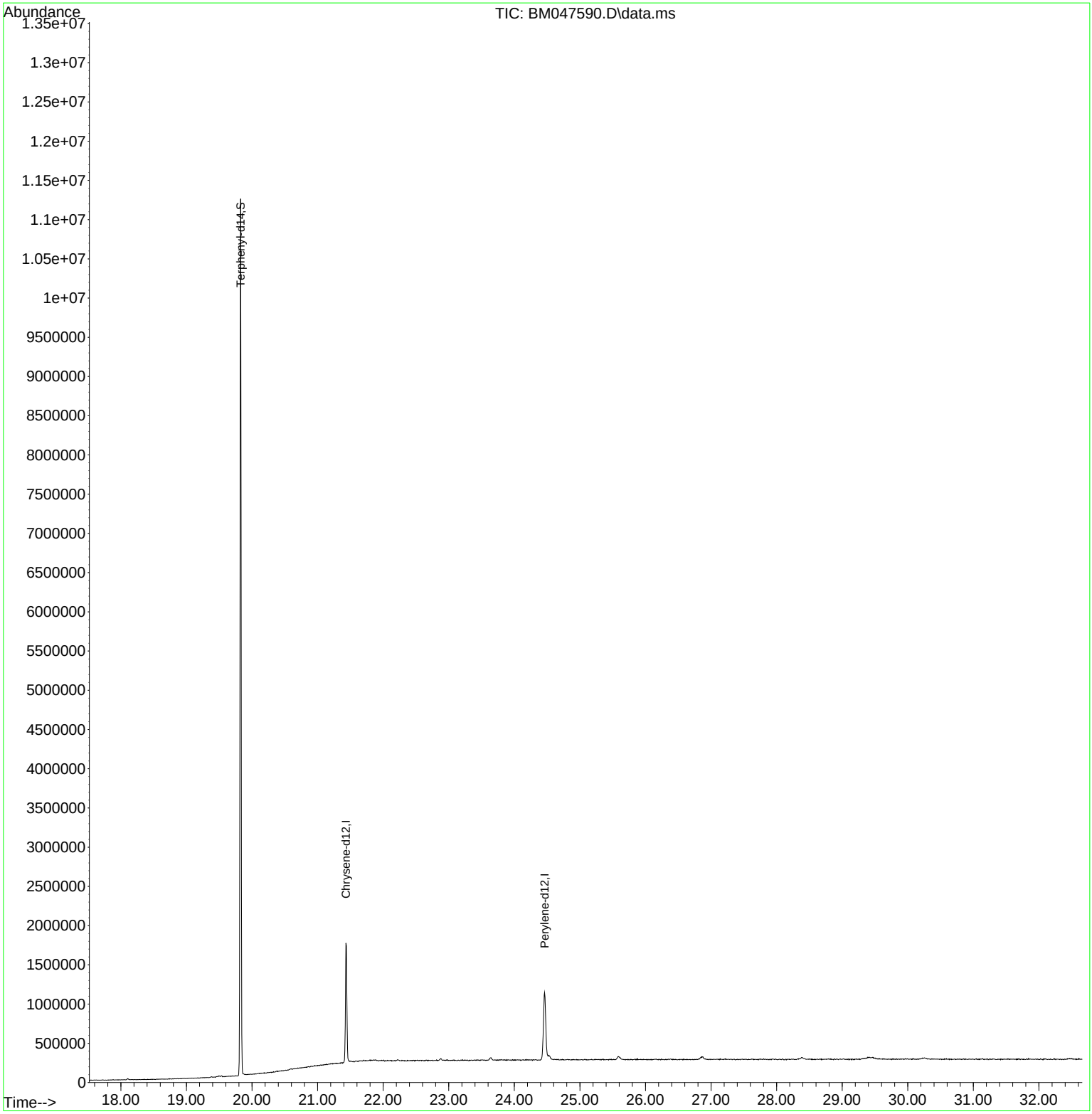
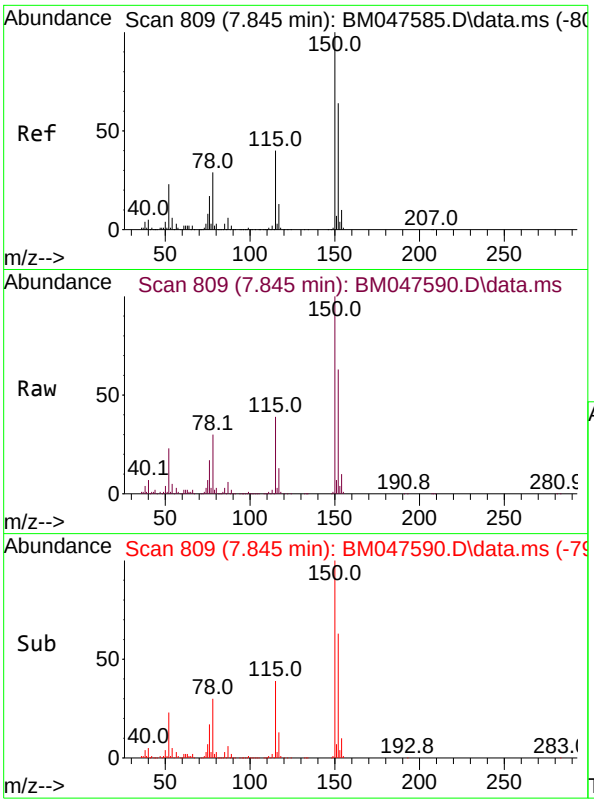


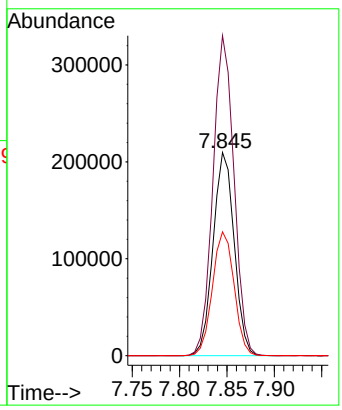


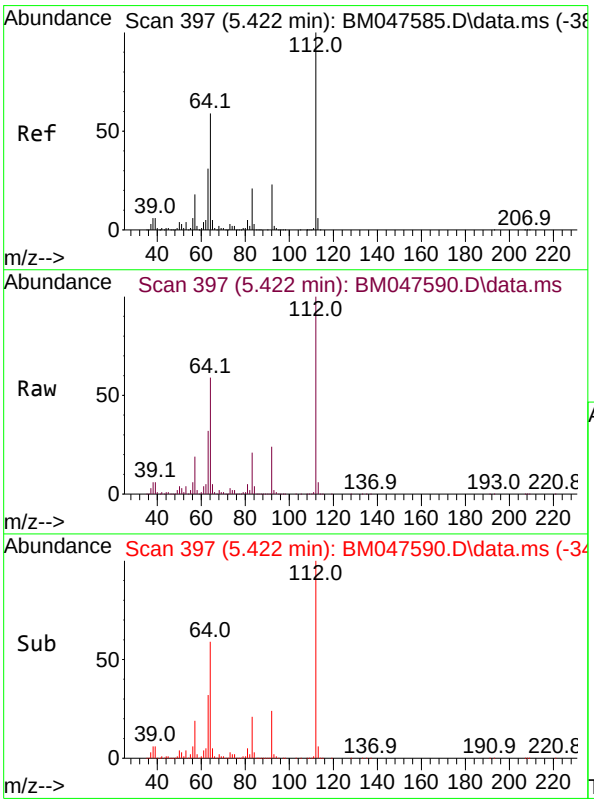
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Instrument :
BNA_M
ClientSampleId :
PB163138BL

Tgt Ion:152 Resp: 324847

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.5	186.7
115	60.9	49.9	74.9

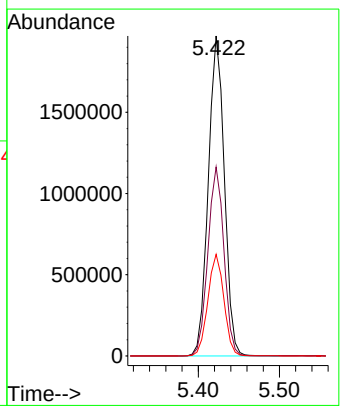


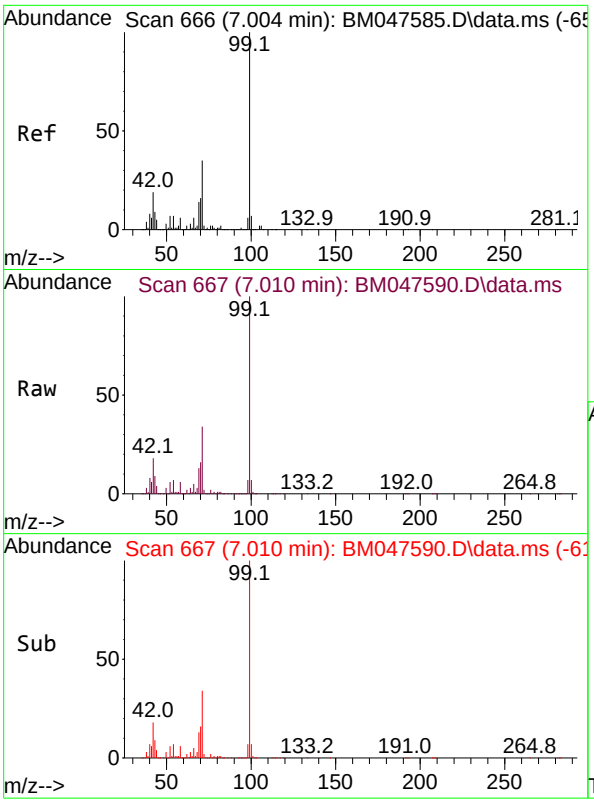


#5
2-Fluorophenol
Concen: 127.613 ng
RT: 5.422 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Tgt Ion:112 Resp: 2705123

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.8	70.2
63	31.8	25.2	37.8



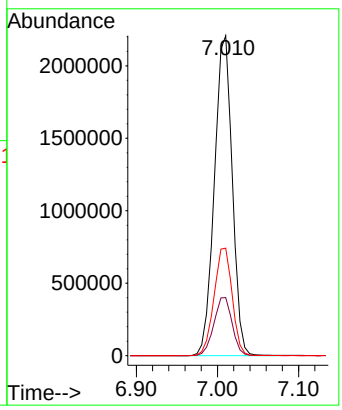


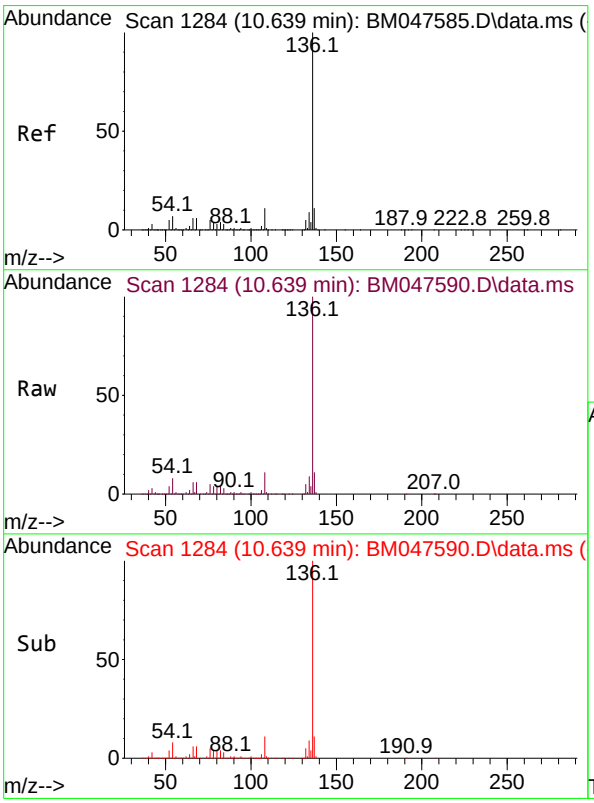
#7
Phenol-d6
Concen: 121.073 ng
RT: 7.010 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Instrument :
BNA_M
ClientSampleId :
PB163138BL

Tgt Ion: 99 Resp: 3381697

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.3	22.9
71	33.6	27.8	41.6

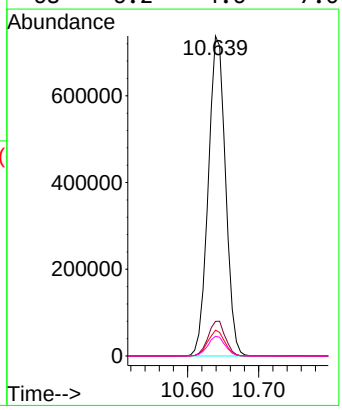


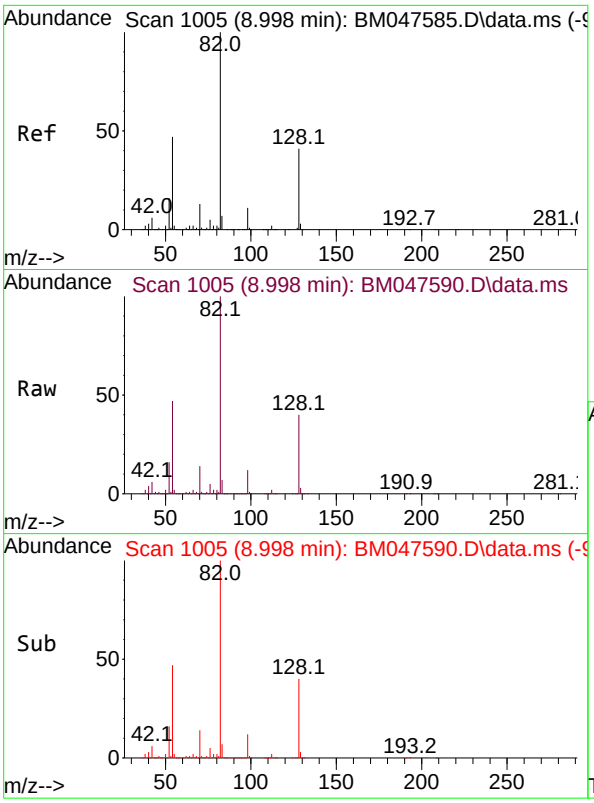


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Tgt Ion:136 Resp: 1242967

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.1	6.0	9.0
68	6.2	4.6	7.0



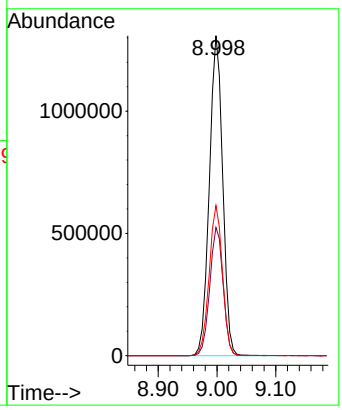


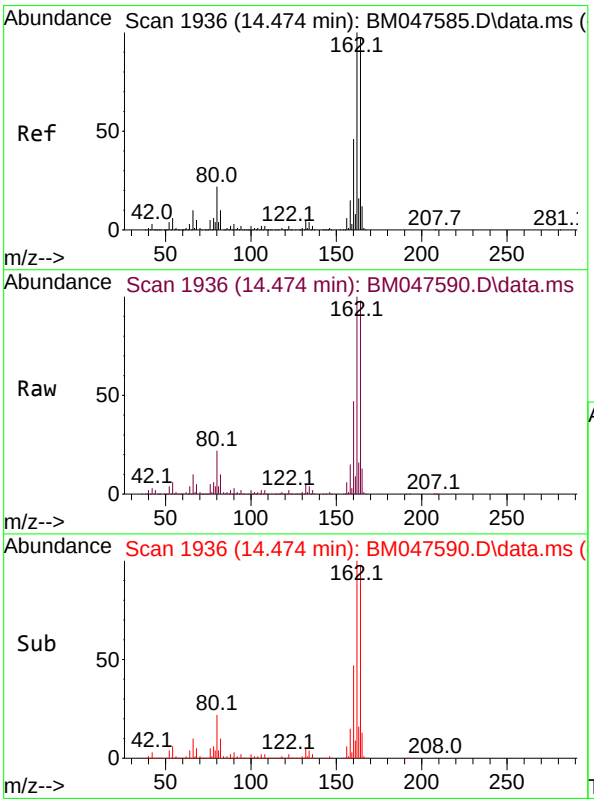
#23
Nitrobenzene-d5
Concen: 82.588 ng
RT: 8.998 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Instrument :
BNA_M
ClientSampleId :
PB163138BL

Tgt Ion: 82 Resp: 2062146

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.5	48.7
54	46.9	37.5	56.3

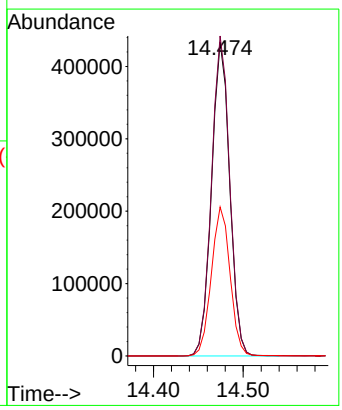


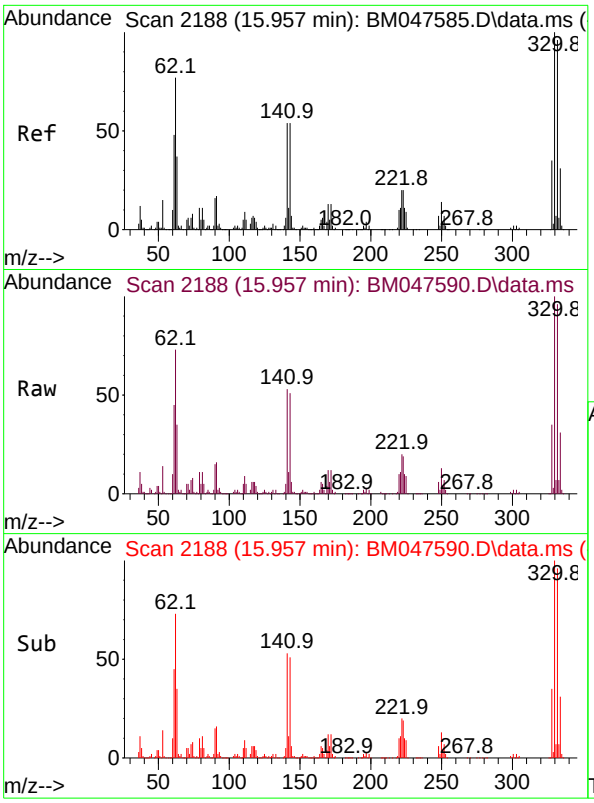


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Tgt Ion:164 Resp: 608799

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	47.5	37.8	56.6



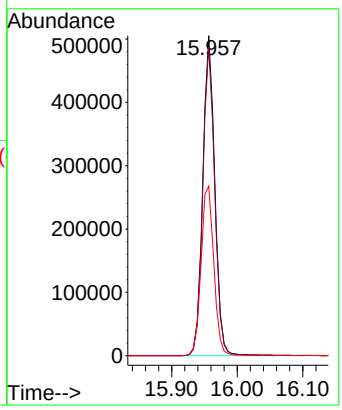


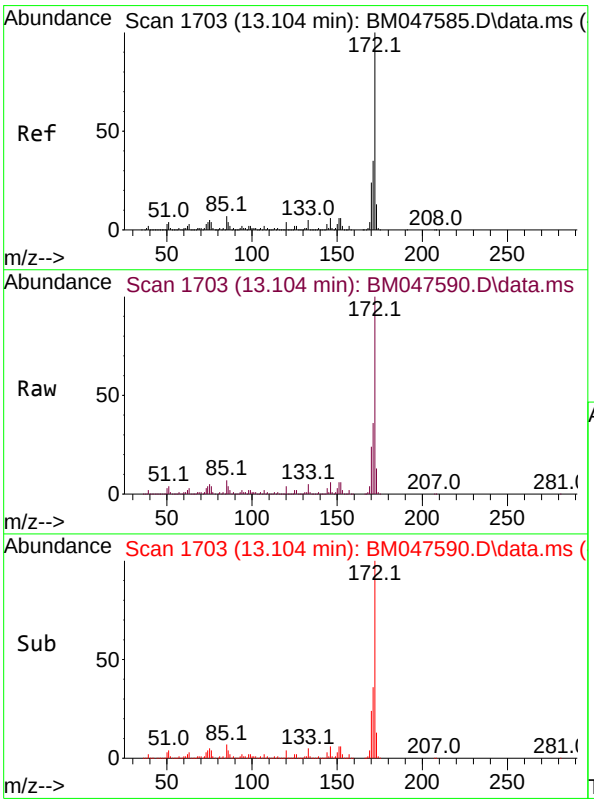
#42
2,4,6-Tribromophenol
Concen: 114.843 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Instrument :
BNA_M
ClientSampleId :
PB163138BL

Tgt Ion:330 Resp: 647407

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.4
141	56.3	45.9	68.9

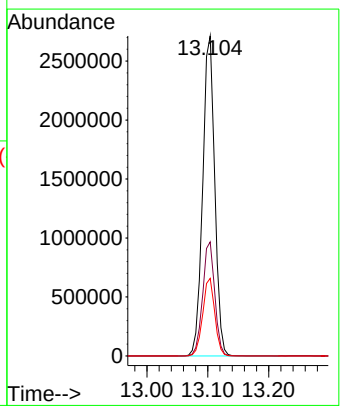


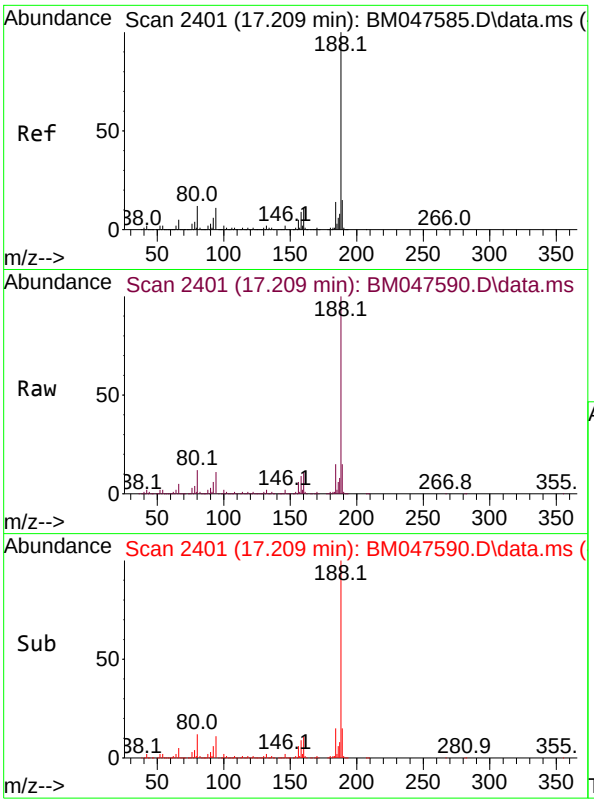


#45
2-Fluorobiphenyl
Concen: 86.576 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Tgt Ion:172 Resp: 3724972

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.1	42.1
170	24.3	19.0	28.6



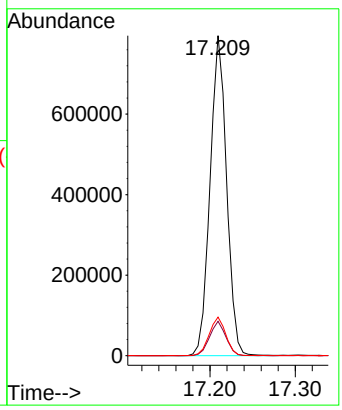


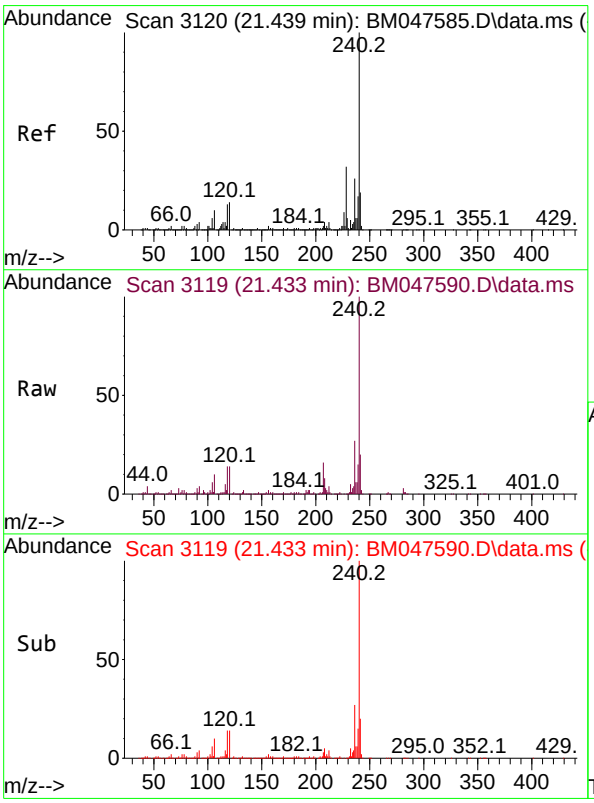
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Instrument :
BNA_M
ClientSampleId :
PB163138BL

Tgt Ion:188 Resp: 1071432

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.6	13.0
80	12.1	9.9	14.9

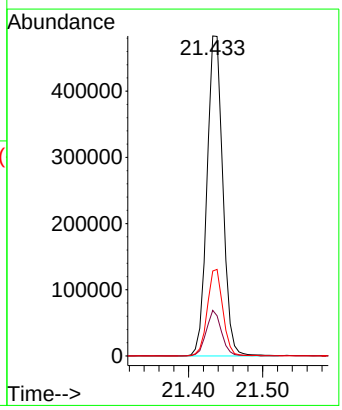


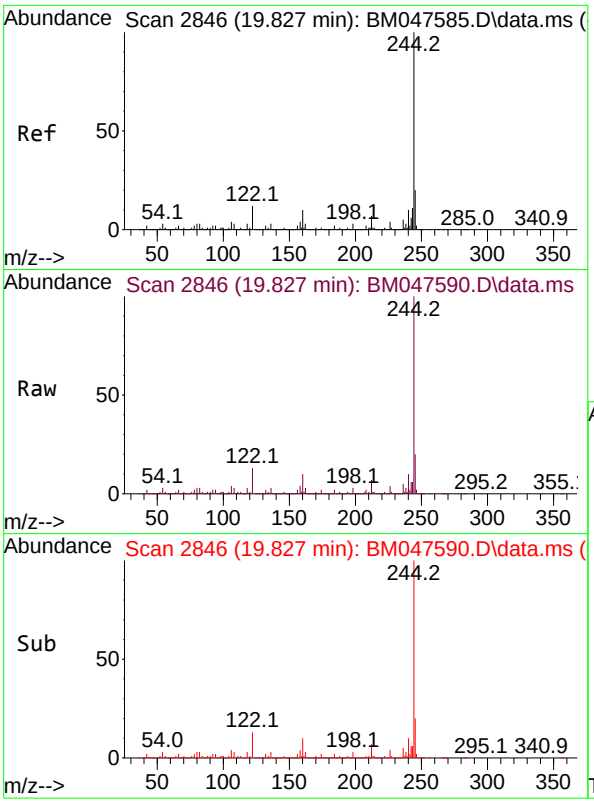


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Tgt Ion:240 Resp: 717325

Ion	Ratio	Lower	Upper
240	100		
120	14.2	10.8	16.2
236	26.6	20.8	31.2



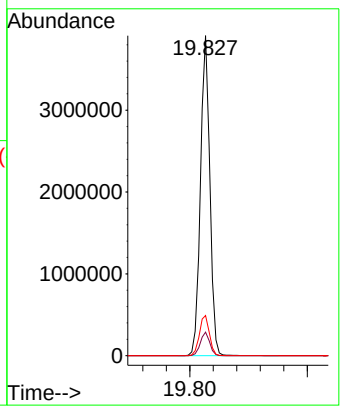


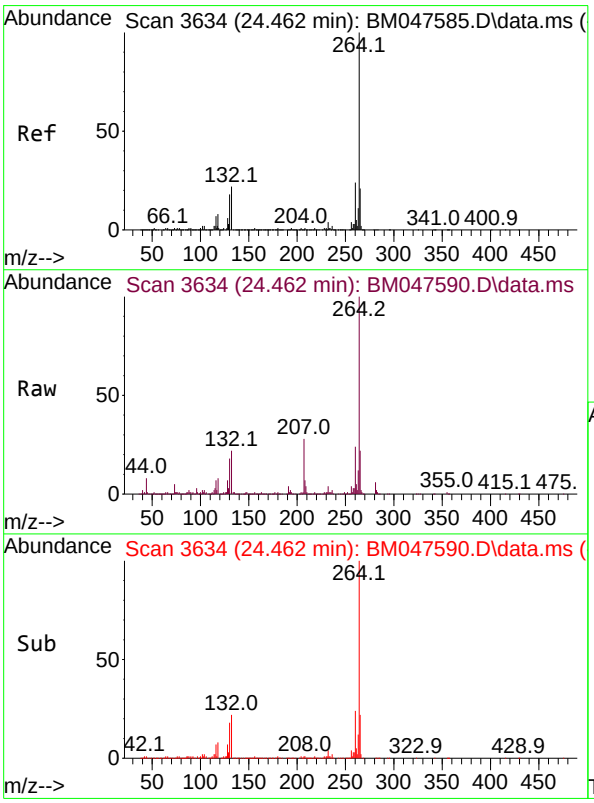
#79
Terphenyl-d14
Concen: 108.448 ng
RT: 19.827 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Instrument :
BNA_M
ClientSampleId :
PB163138BL

Tgt Ion:244 Resp: 4335586

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.6	10.0	15.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3634
Delta R.T. -0.000 min
Lab File: BM047590.D
Acq: 20 Sep 2024 15:41

Tgt Ion:264 Resp: 713682

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	22.2	17.0	25.6