Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083024\
Data File : BM047404.D
Acq On : 30 Aug 2024 13:27
Operator : RC/JU
Sample : PB163048TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163048TB

Quant Time: Aug 30 14:11:54 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	238749	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	864350	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	599594	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1329759	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1249101	20.000	ng	0.00
86) Perylene-d12	23.727	264	1244165	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1829635	147.027	ng	0.00
7) Phenol-d6	6.575	99	2313637	136.479	ng	0.00
23) Nitrobenzene-d5	8.498	82	1505685	96.655	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1116169	154.295	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	3704470	94.930	ng	0.00
79) Terphenyl-d14	19.445	244	6465235	92.129	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.534	77	134	Below Cal	#	26

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

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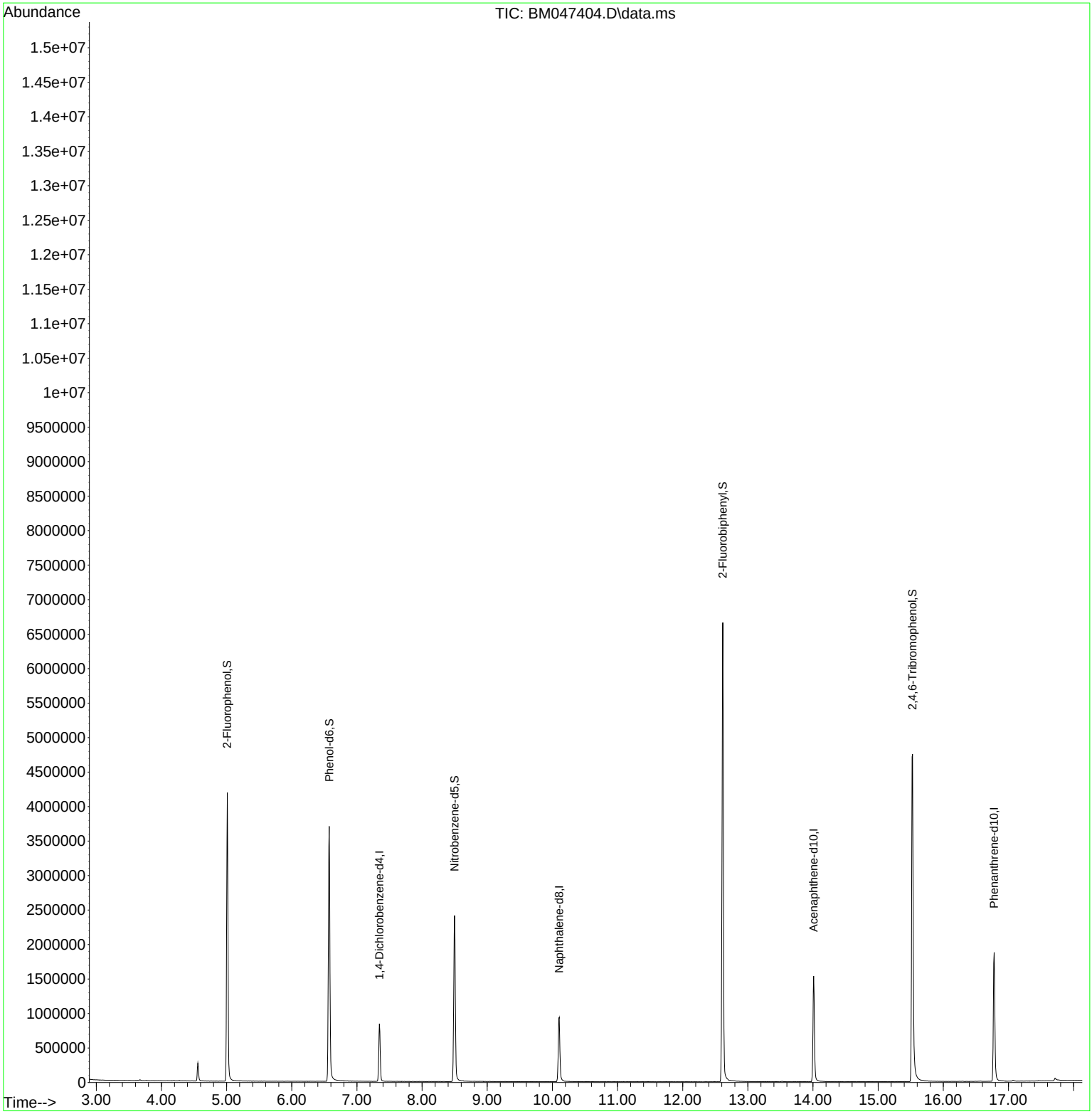

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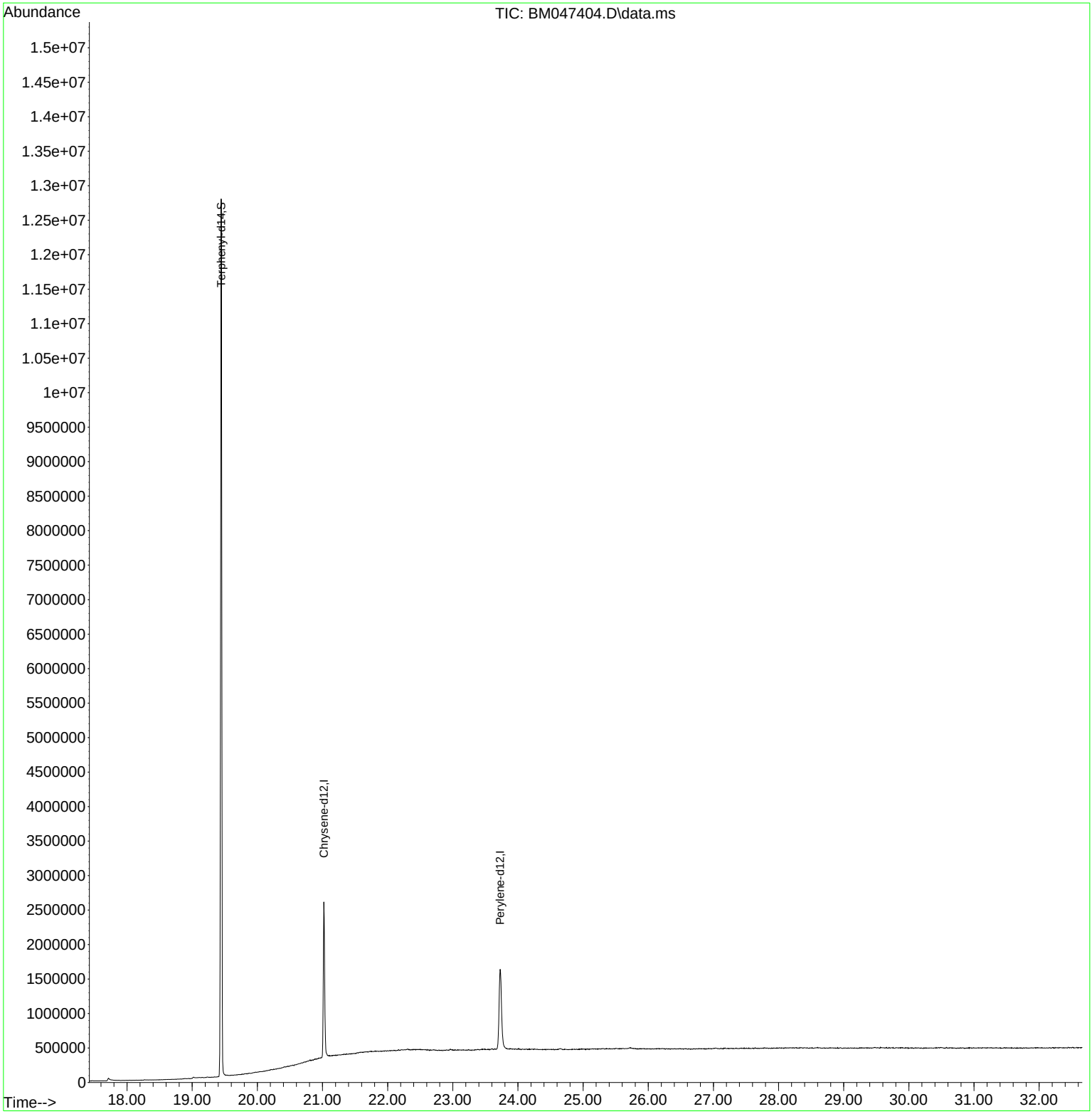
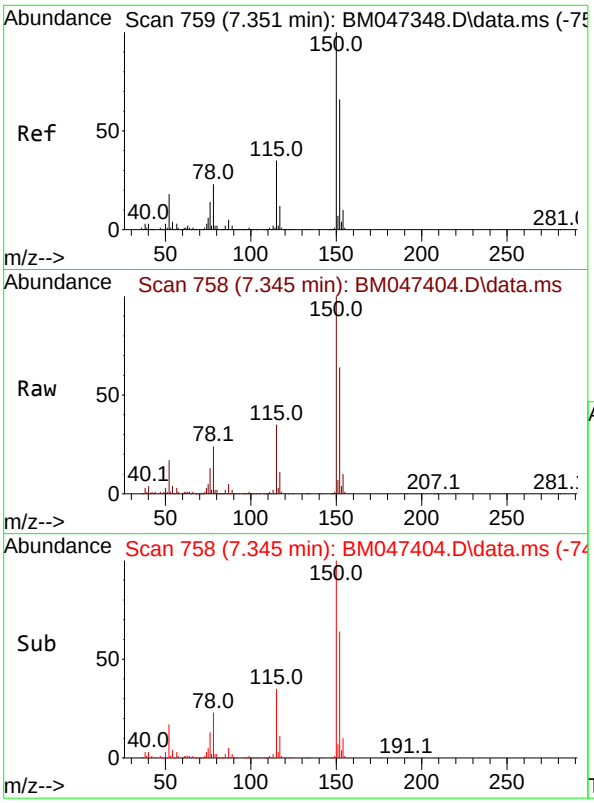


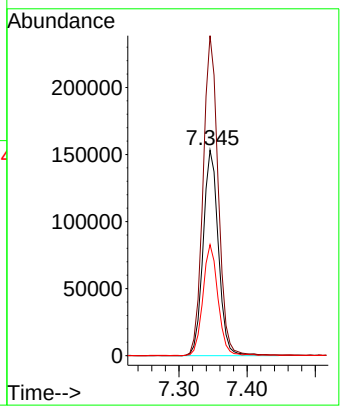


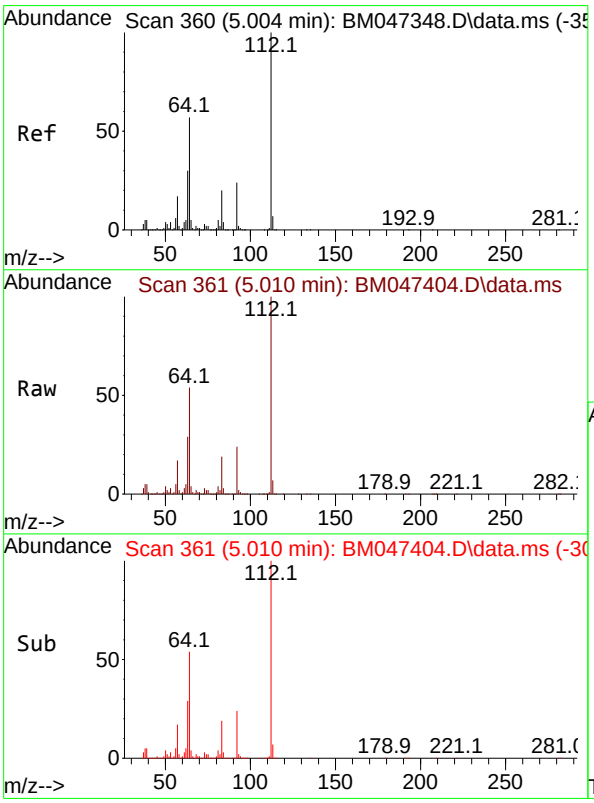
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Instrument :
BNA_M
ClientSampleId :
PB163048TB

Tgt Ion:152 Resp: 238749

Ion	Ratio	Lower	Upper
152	100		
150	155.7	121.3	181.9
115	54.0	42.6	64.0

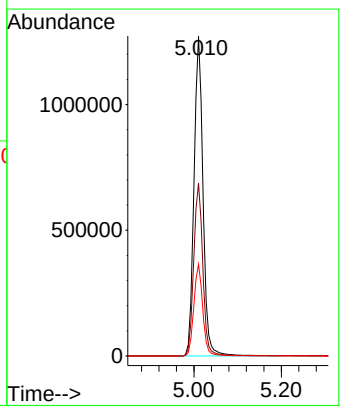


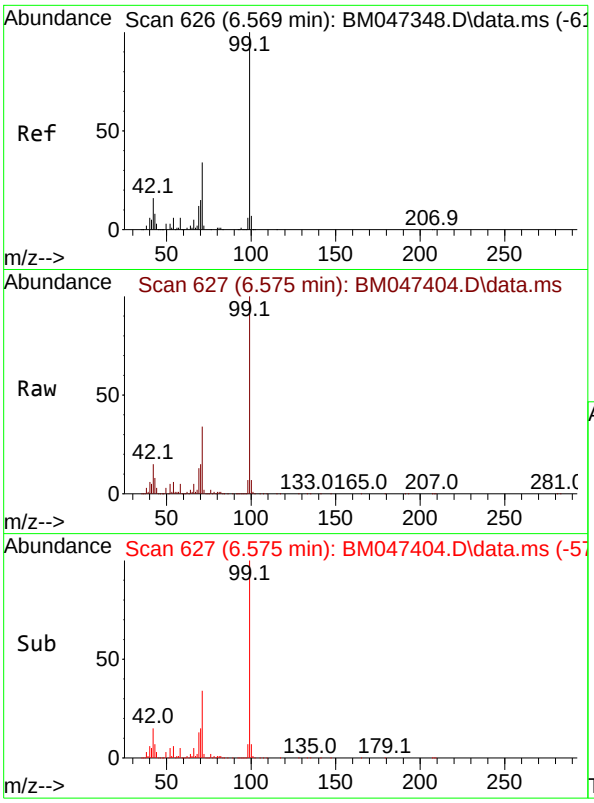


#5
2-Fluorophenol
Concen: 147.027 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Tgt Ion:112 Resp: 1829635

Ion	Ratio	Lower	Upper
112	100		
64	54.0	45.7	68.5
63	28.7	23.8	35.8



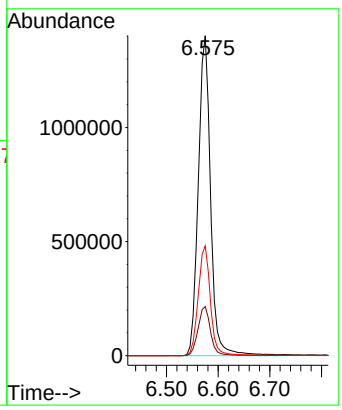


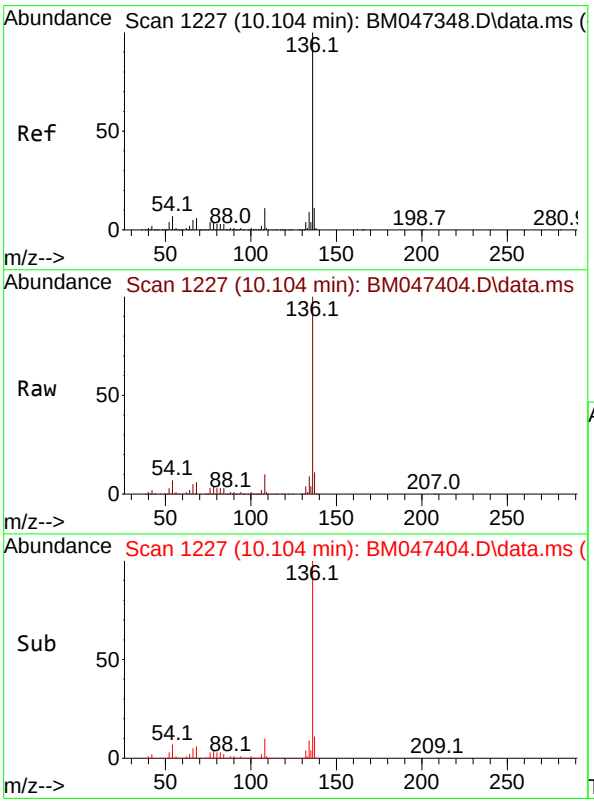
#7
Phenol-d6
Concen: 136.479 ng
RT: 6.575 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Instrument :
BNA_M
ClientSampleId :
PB163048TB

Tgt Ion: 99 Resp: 2313637

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.0	19.4
71	34.3	27.5	41.3

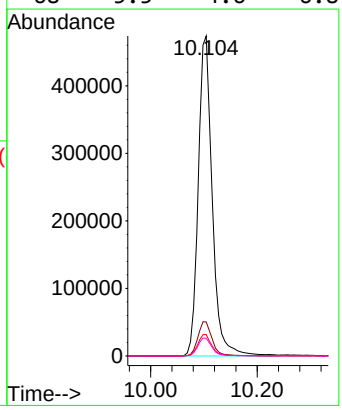


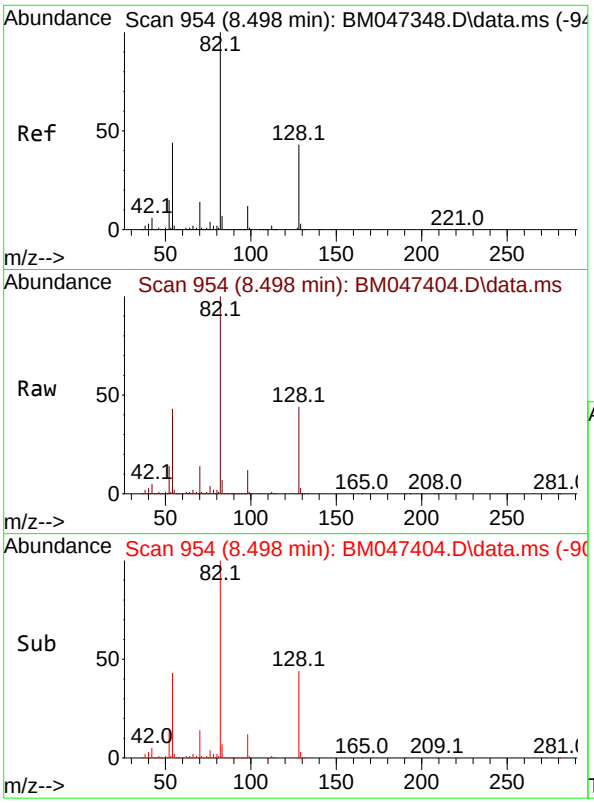


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Tgt Ion:136 Resp: 864350

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.7	5.2	7.8
68	5.5	4.6	6.8



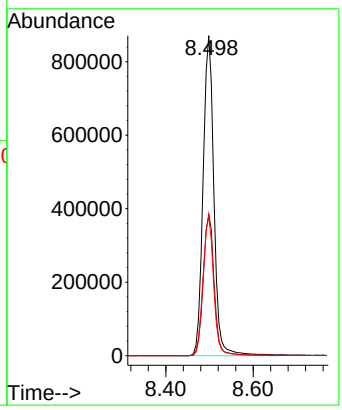


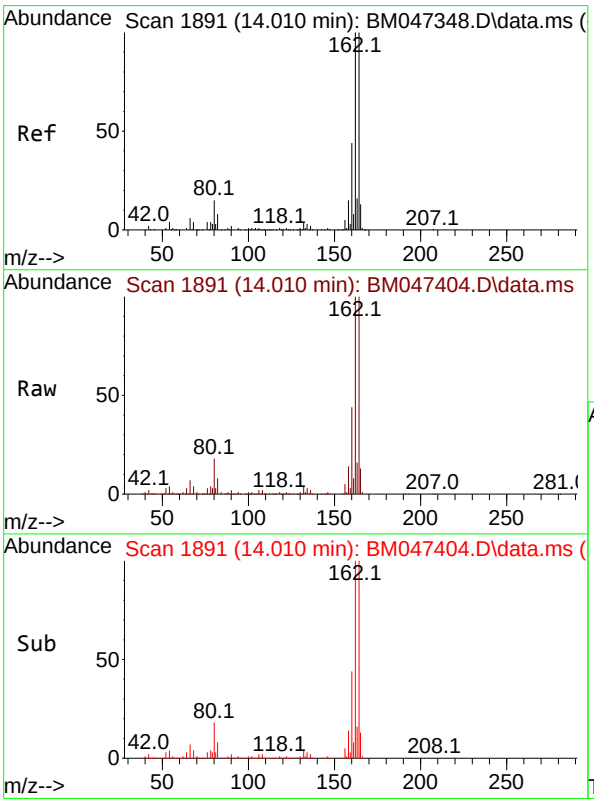
#23
Nitrobenzene-d5
Concen: 96.655 ng
RT: 8.498 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Instrument :
BNA_M
ClientSampleId :
PB163048TB

Tgt Ion: 82 Resp: 1505685

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	43.5	35.5	53.3

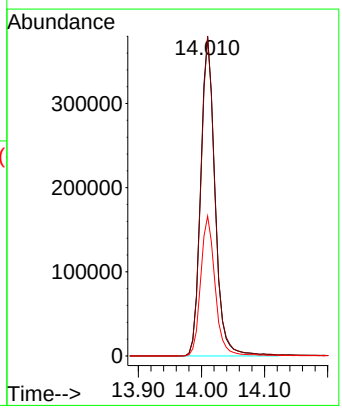


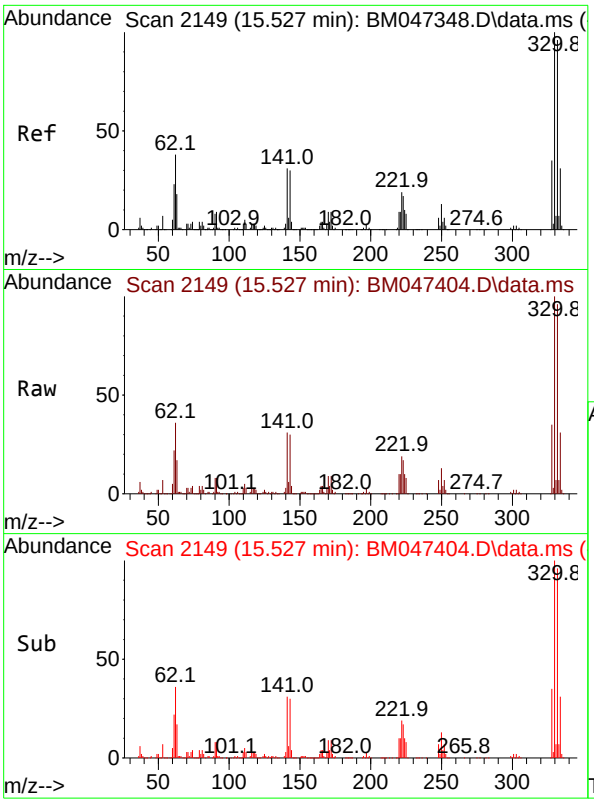


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Tgt Ion:164 Resp: 599594

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.7	119.5
160	43.9	34.9	52.3



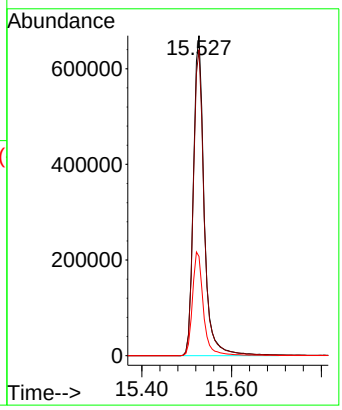


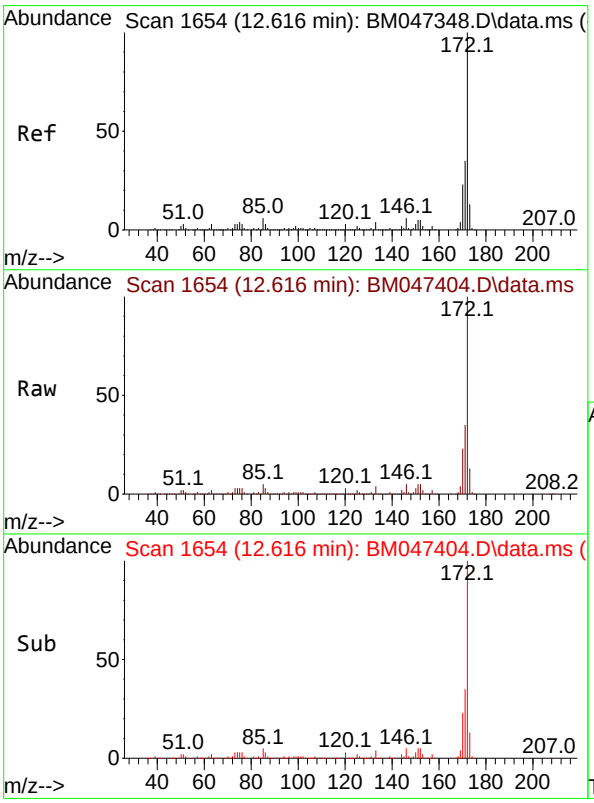
#42
2,4,6-Tribromophenol
Concen: 154.295 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Instrument :
BNA_M
ClientSampleId :
PB163048TB

Tgt Ion:330 Resp: 1116169

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.2	115.8
141	33.1	27.6	41.4

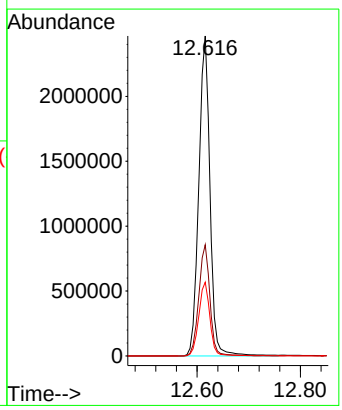


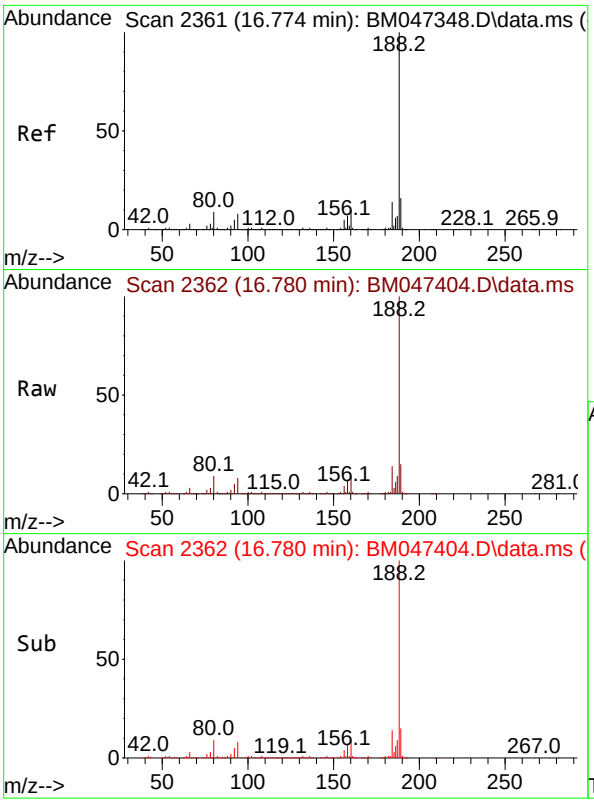


#45
2-Fluorobiphenyl
Concen: 94.930 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Tgt Ion:172 Resp: 3704470

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.1	18.5	27.7



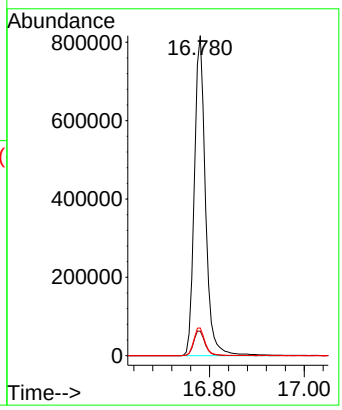


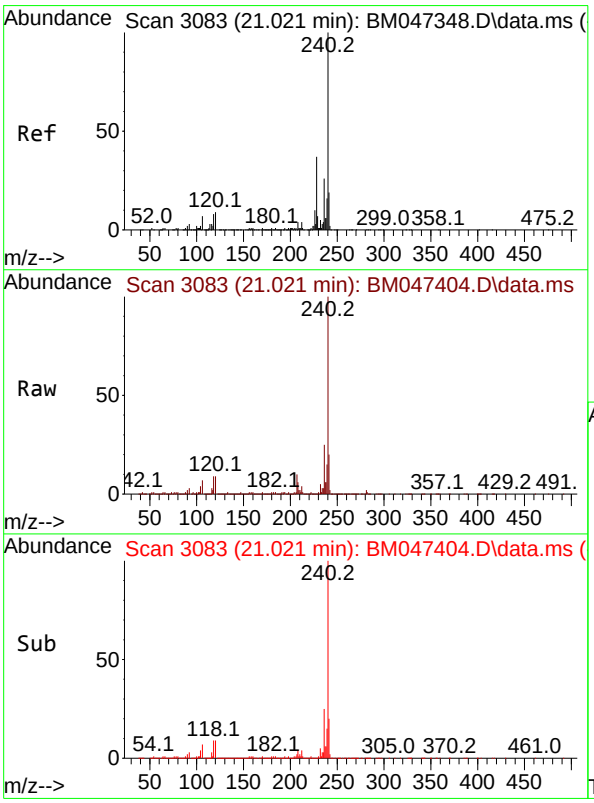
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Instrument :
BNA_M
ClientSampleId :
PB163048TB

Tgt Ion:188 Resp: 1329759

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.4	9.6
80	8.6	7.4	11.2

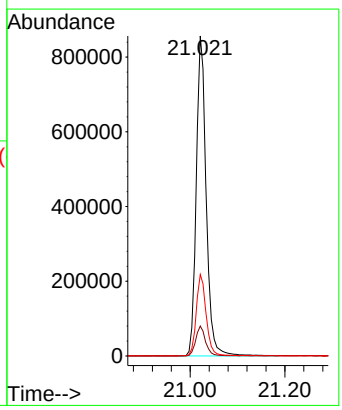


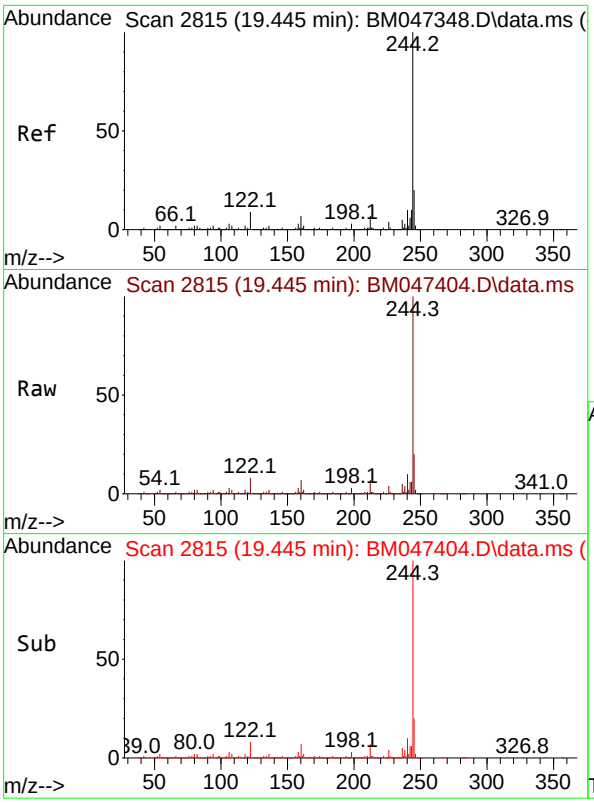


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Tgt Ion:240 Resp: 1249101

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.4	11.0
236	25.5	20.8	31.2



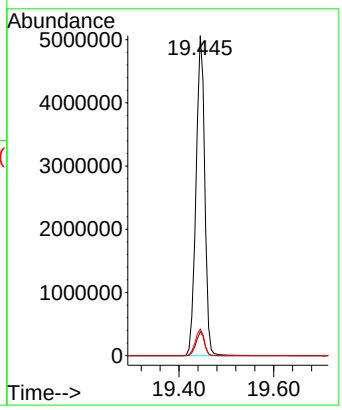


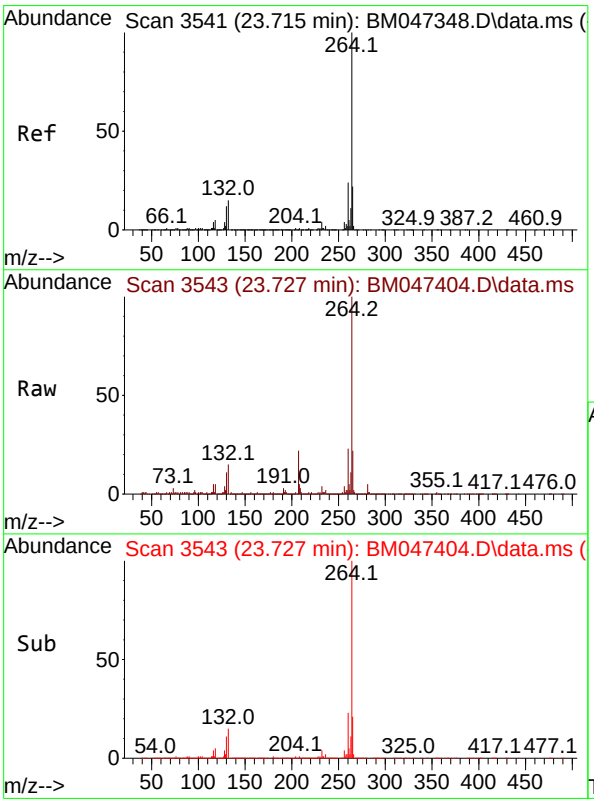
#79
Terphenyl-d14
Concen: 92.129 ng
RT: 19.445 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Instrument :
BNA_M
ClientSampleId :
PB163048TB

Tgt Ion:244 Resp: 6465235

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	8.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3543
Delta R.T. 0.012 min
Lab File: BM047404.D
Acq: 30 Aug 2024 13:27

Tgt Ion:264 Resp: 1244165

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.9	17.8	26.6