Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047567.D
Acq On : 19 Sep 2024 12:35
Operator : RC/JU
Sample : PB163318BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Quant Time: Sep 19 13:22:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	353821	20.000	ng	-0.01
21) Naphthalene-d8	10.633	136	1340234	20.000	ng	-0.01
39) Acenaphthene-d10	14.474	164	659710	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1165231	20.000	ng	0.00
76) Chrysene-d12	21.433	240	864552	20.000	ng	-0.01
86) Perylene-d12	24.456	264	939242	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2760872	124.241	ng	0.00
7) Phenol-d6	7.004	99	3405572	108.822	ng	0.00
23) Nitrobenzene-d5	8.992	82	2088000	77.969	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	682393	107.014	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	3670972	76.653	ng	-0.01
79) Terphenyl-d14	19.821	244	4587860	95.092	ng	-0.01
Target Compounds						Qvalue

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

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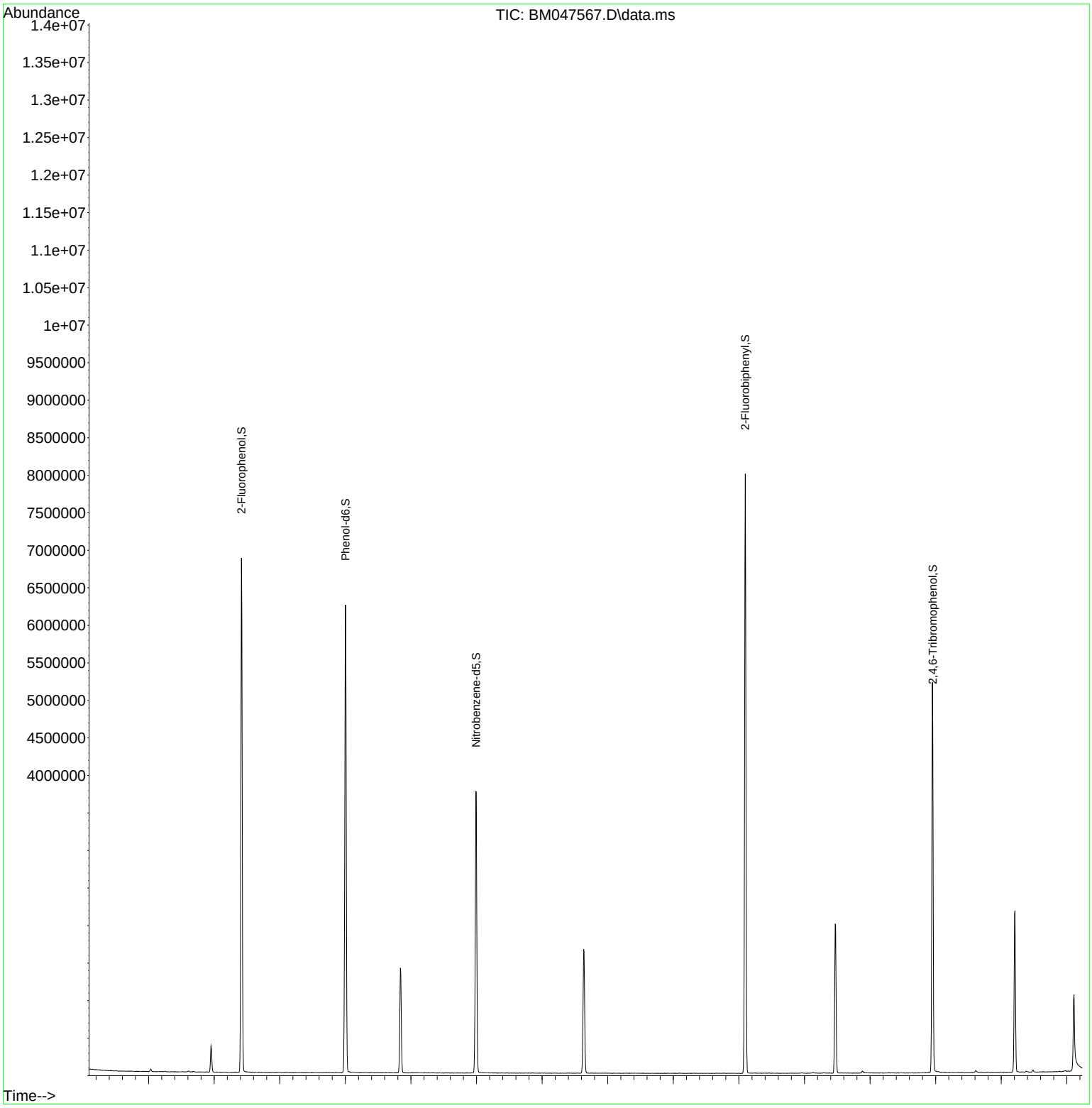

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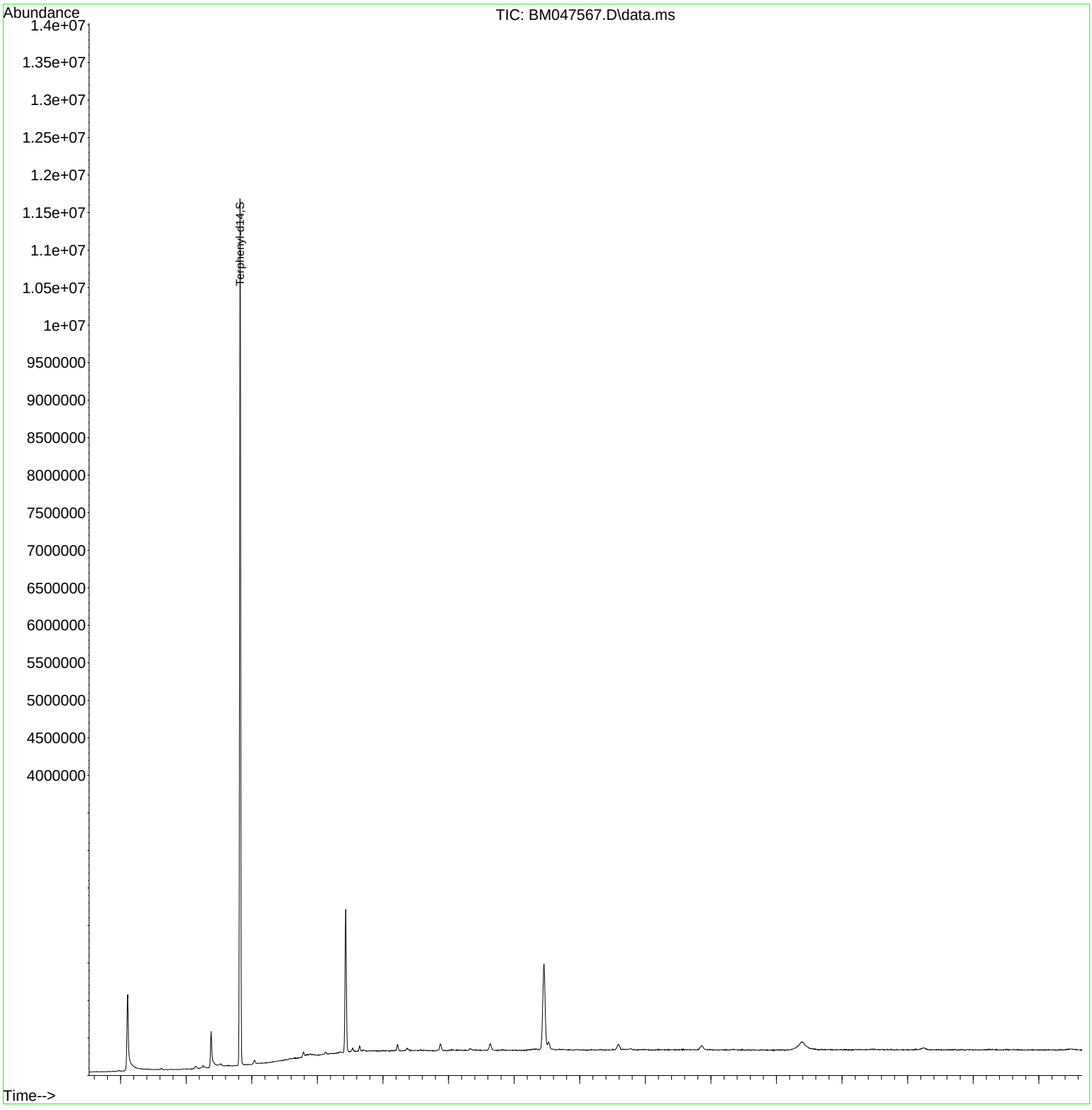
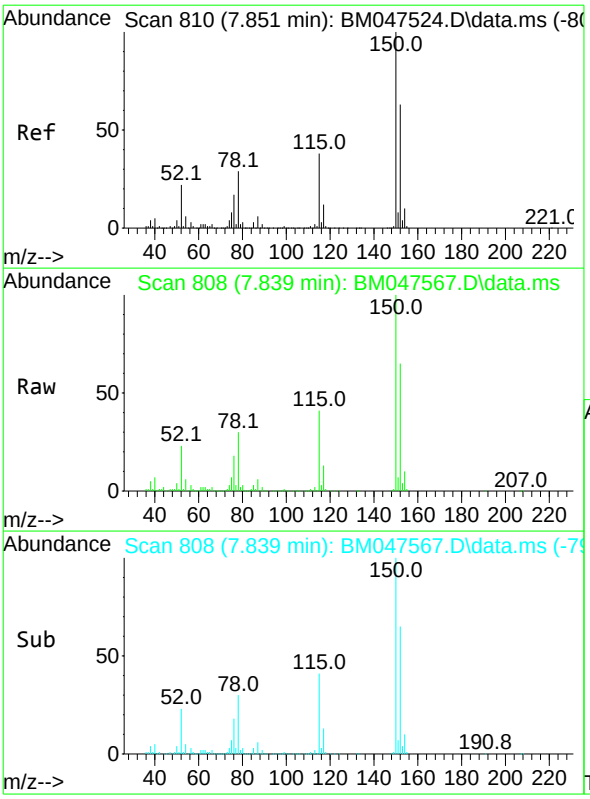


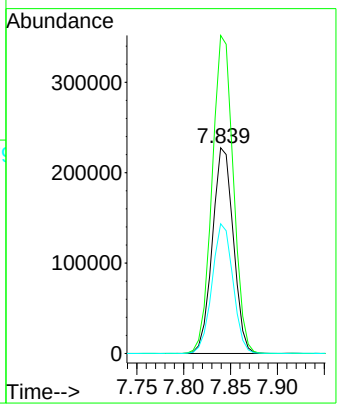


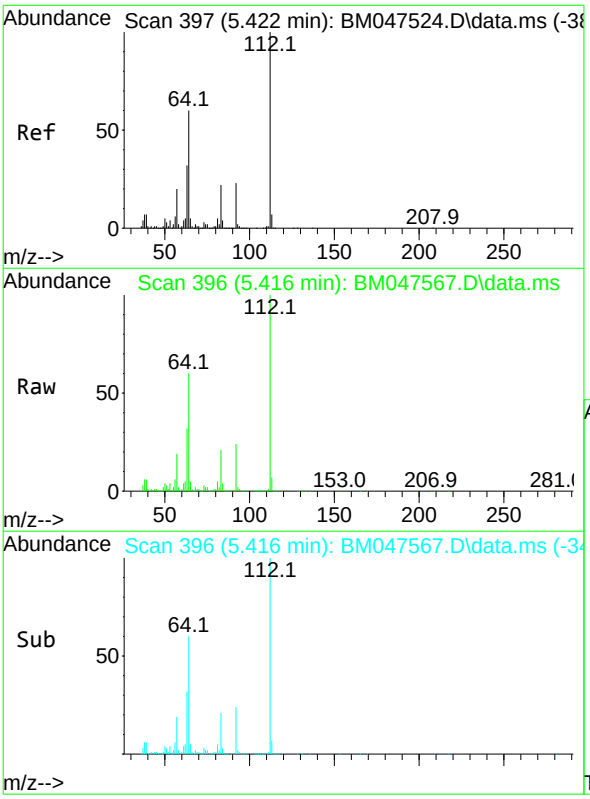
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Tgt Ion:152 Resp: 353821

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.8	190.2
115	63.0	47.8	71.8

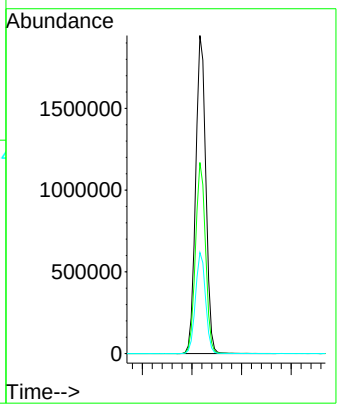


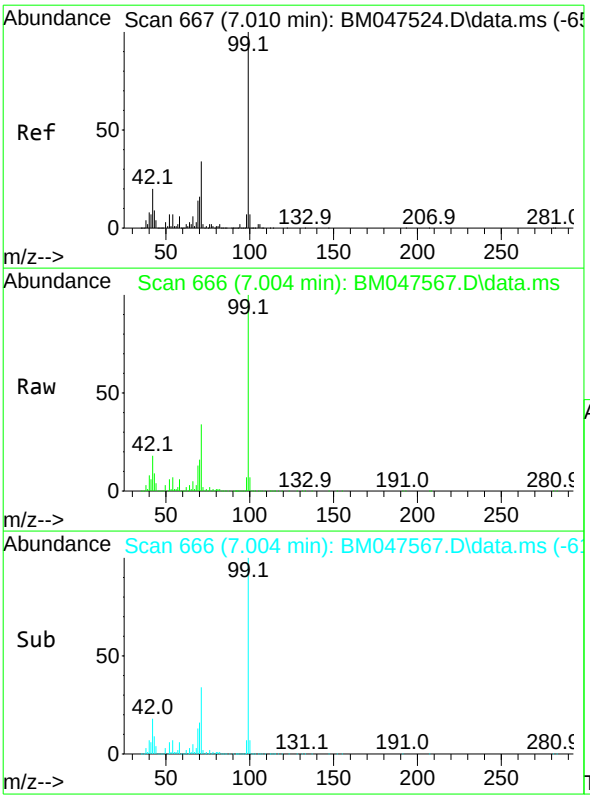


#5
2-Fluorophenol
Concen: 124.241 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Tgt Ion:112 Resp: 2760872

Ion	Ratio	Lower	Upper
112	100		
64	60.1	48.2	72.4
63	31.8	26.0	39.0



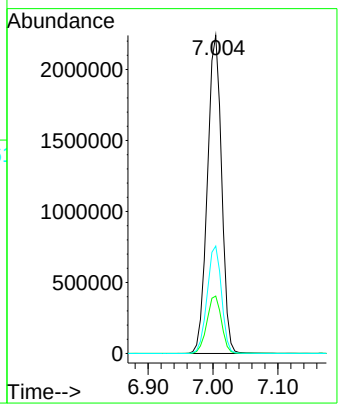


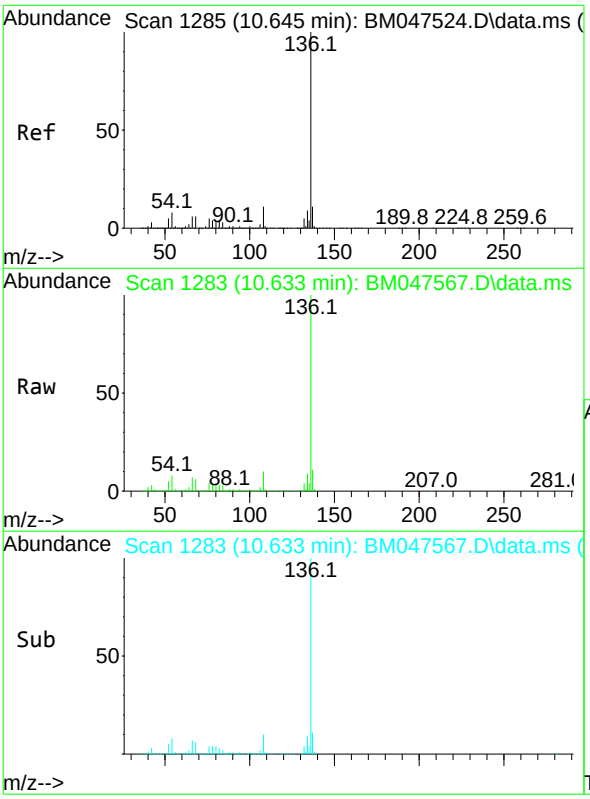
#7
Phenol-d6
Concen: 108.822 ng
RT: 7.004 min Scan# 66
Delta R.T. -0.006 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Tgt Ion: 99 Resp: 3405572

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.8	23.8
71	33.8	27.6	41.4

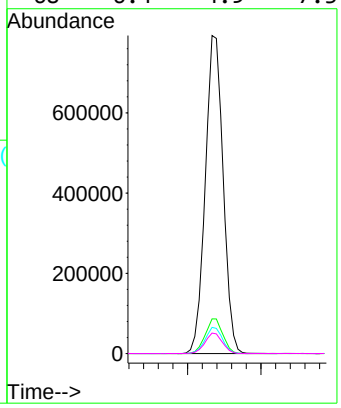


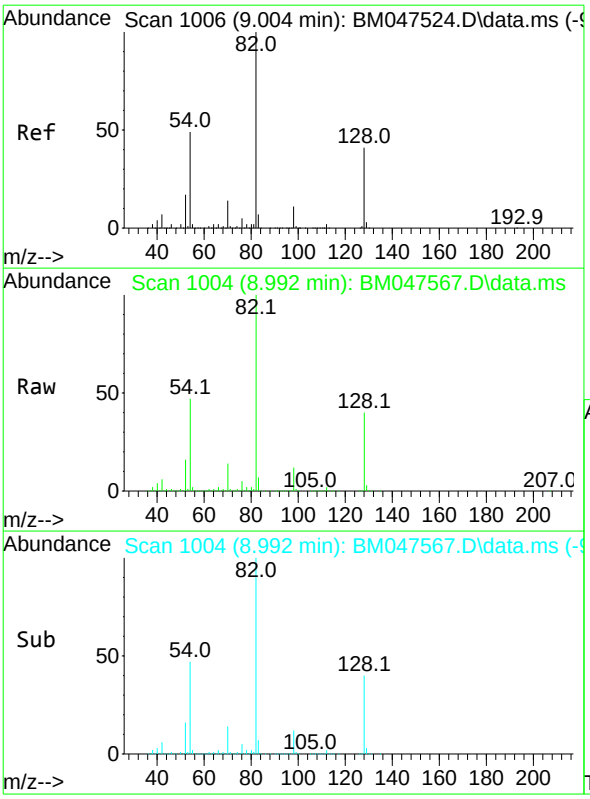


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Tgt Ion:136 Resp: 1340234

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.2	6.6	9.8
68	6.4	4.9	7.3



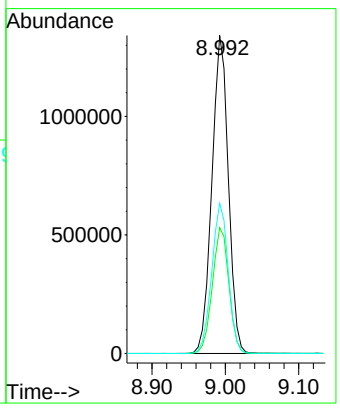


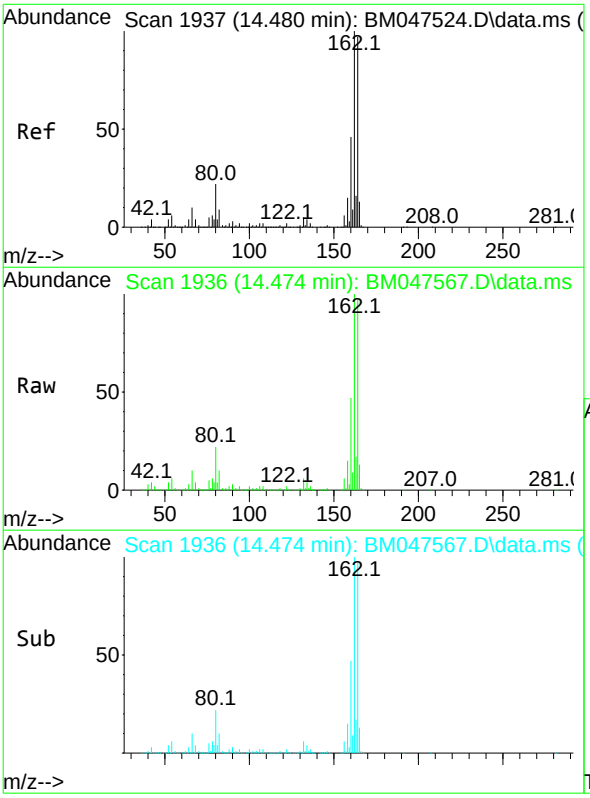
#23
Nitrobenzene-d5
Concen: 77.969 ng
RT: 8.992 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Tgt Ion: 82 Resp: 2088000

Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.0	49.4
54	47.2	39.3	58.9

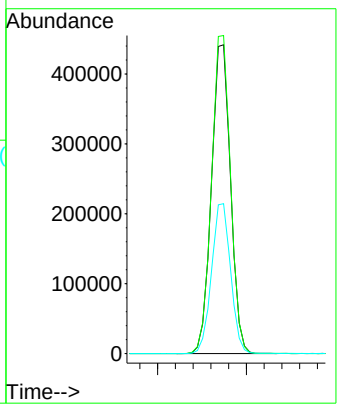


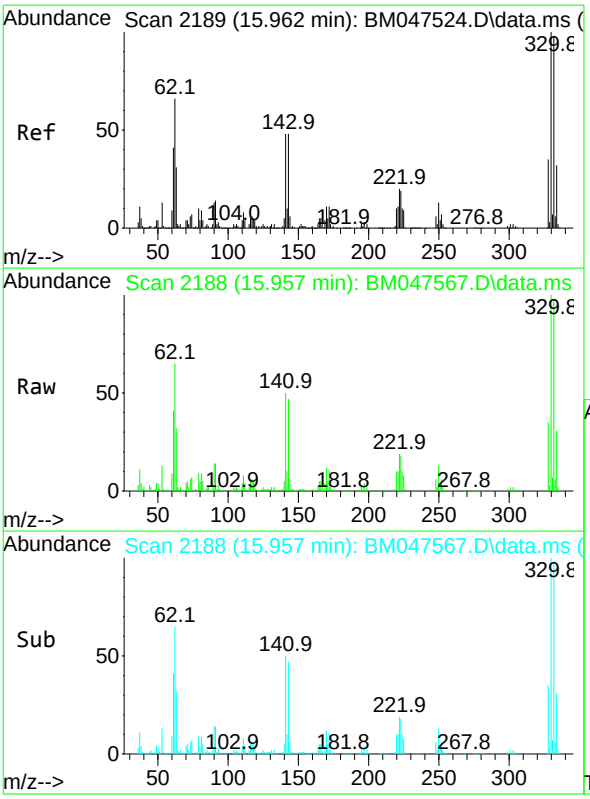


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Tgt Ion:164 Resp: 659710

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.2	123.2
160	48.5	38.2	57.2



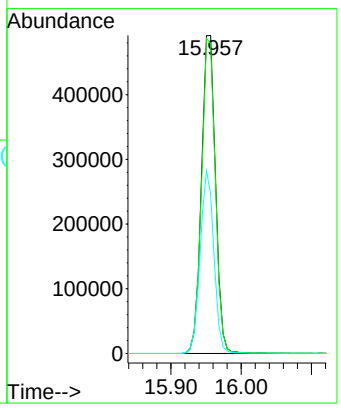


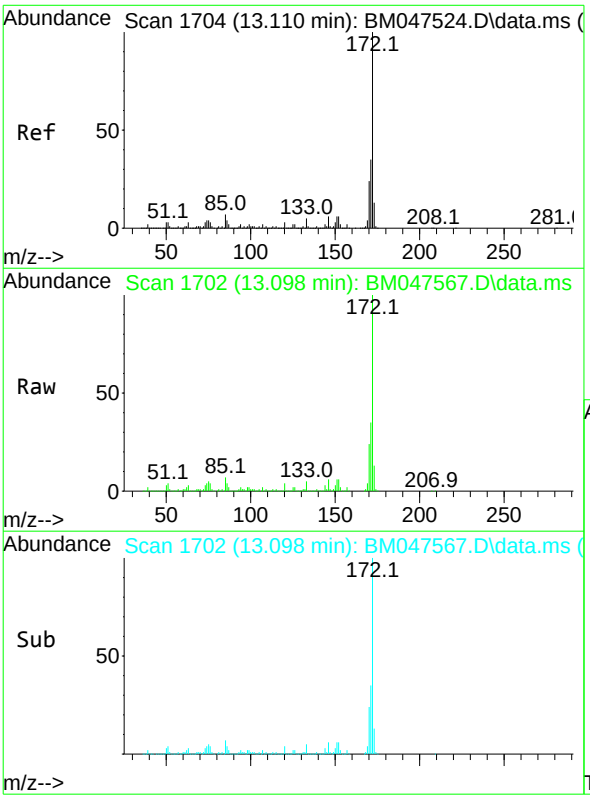
#42
2,4,6-Tribromophenol
Concen: 107.014 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Tgt Ion:330 Resp: 682393

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.9	115.3
141	56.0	42.2	63.2

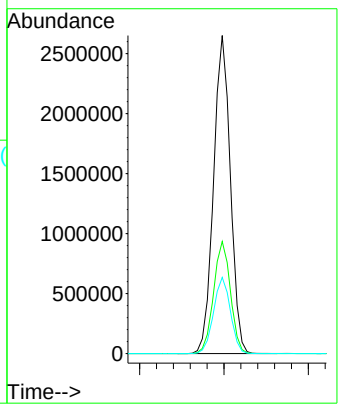


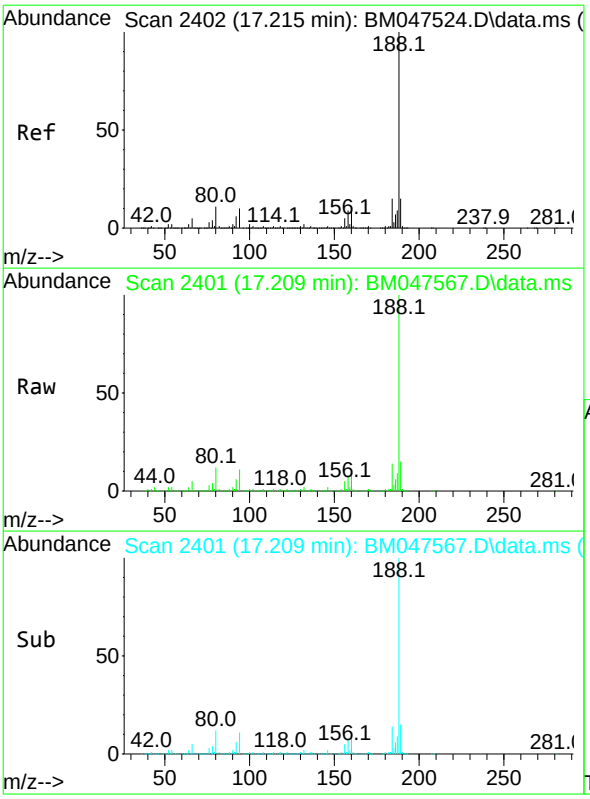


#45
2-Fluorobiphenyl
Concen: 76.653 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Tgt Ion:172 Resp: 3670972

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	24.0	19.4	29.0



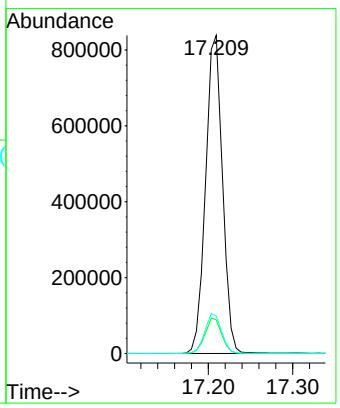


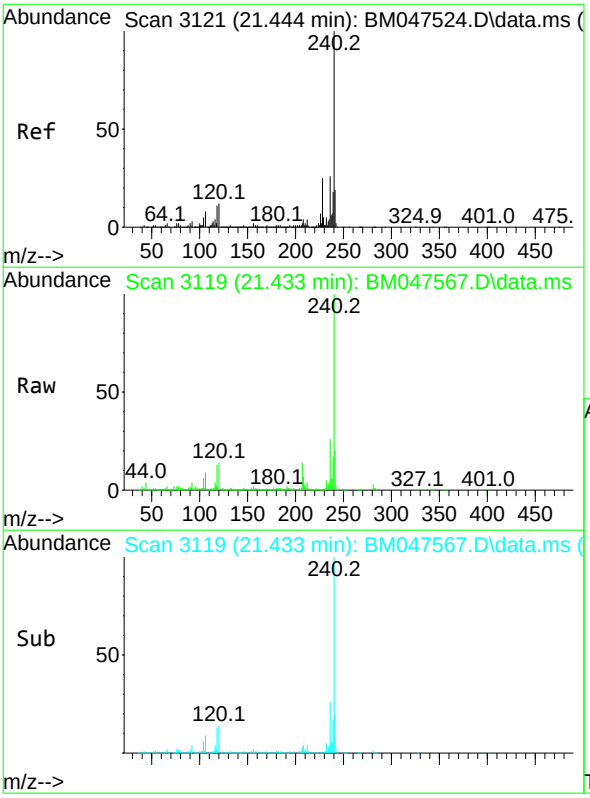
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Tgt Ion:188 Resp: 1165231

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.4	12.6
80	11.7	9.1	13.7

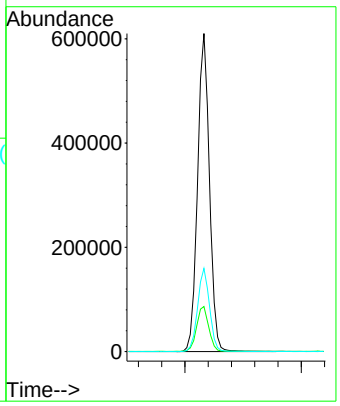


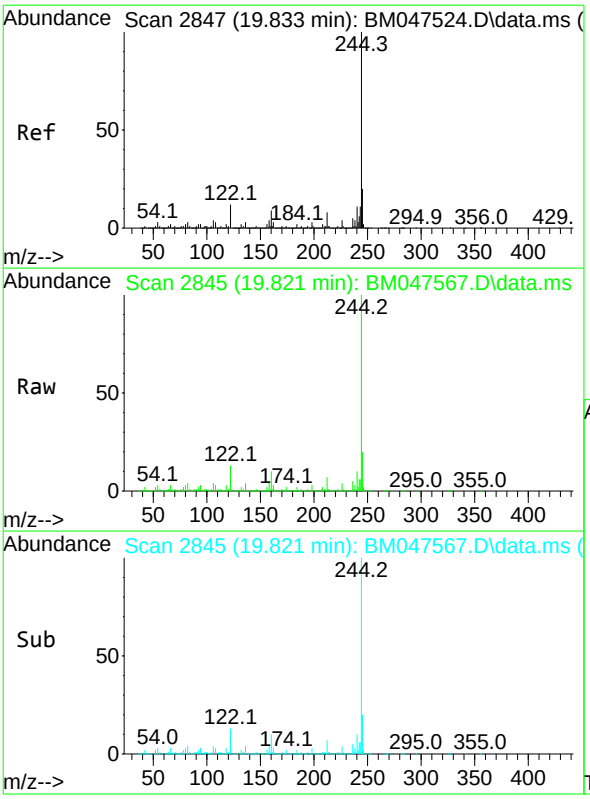


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Tgt Ion:240 Resp: 864552

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.6	14.4
236	26.2	20.9	31.3



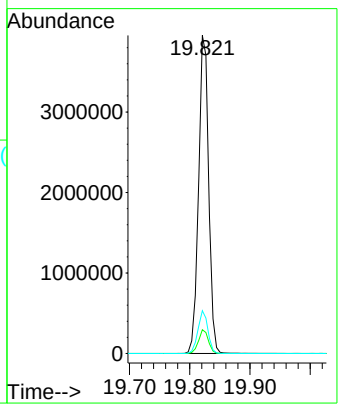


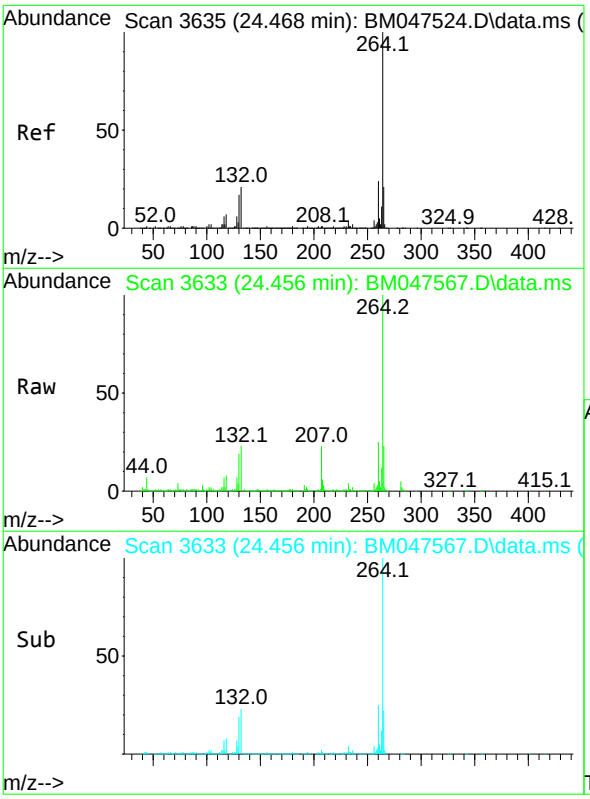
#79
Terphenyl-d14
Concen: 95.092 ng
RT: 19.821 min Scan# 28
Delta R.T. -0.012 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Tgt Ion:244 Resp: 4587860

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	13.5	9.6	14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 3633
Delta R.T. -0.012 min
Lab File: BM047567.D
Acq: 19 Sep 2024 12:35

Tgt Ion:264 Resp: 939242

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	22.8	17.4	26.2