Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031225\
Data File : BM049704.D
Acq On : 12 Mar 2025 21:56
Operator : RC/JU
Sample : PB167045BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167045BL

Quant Time: Mar 13 02:46:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 01:48:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	368991	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1215425	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	735889	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1288488	20.000	ng	0.00
76) Chrysene-d12	21.421	240	829751	20.000	ng	-0.01
86) Perylene-d12	24.439	264	722758	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	3187683	146.012	ng	0.00
7) Phenol-d6	6.981	99	3935940	135.883	ng	0.00
23) Nitrobenzene-d5	8.963	82	2260694	96.734	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	1369141	128.652	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	5807457	105.469	ng	0.00
79) Terphenyl-d14	19.815	244	6736989	138.033	ng	0.00
Target Compounds						Qvalue

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

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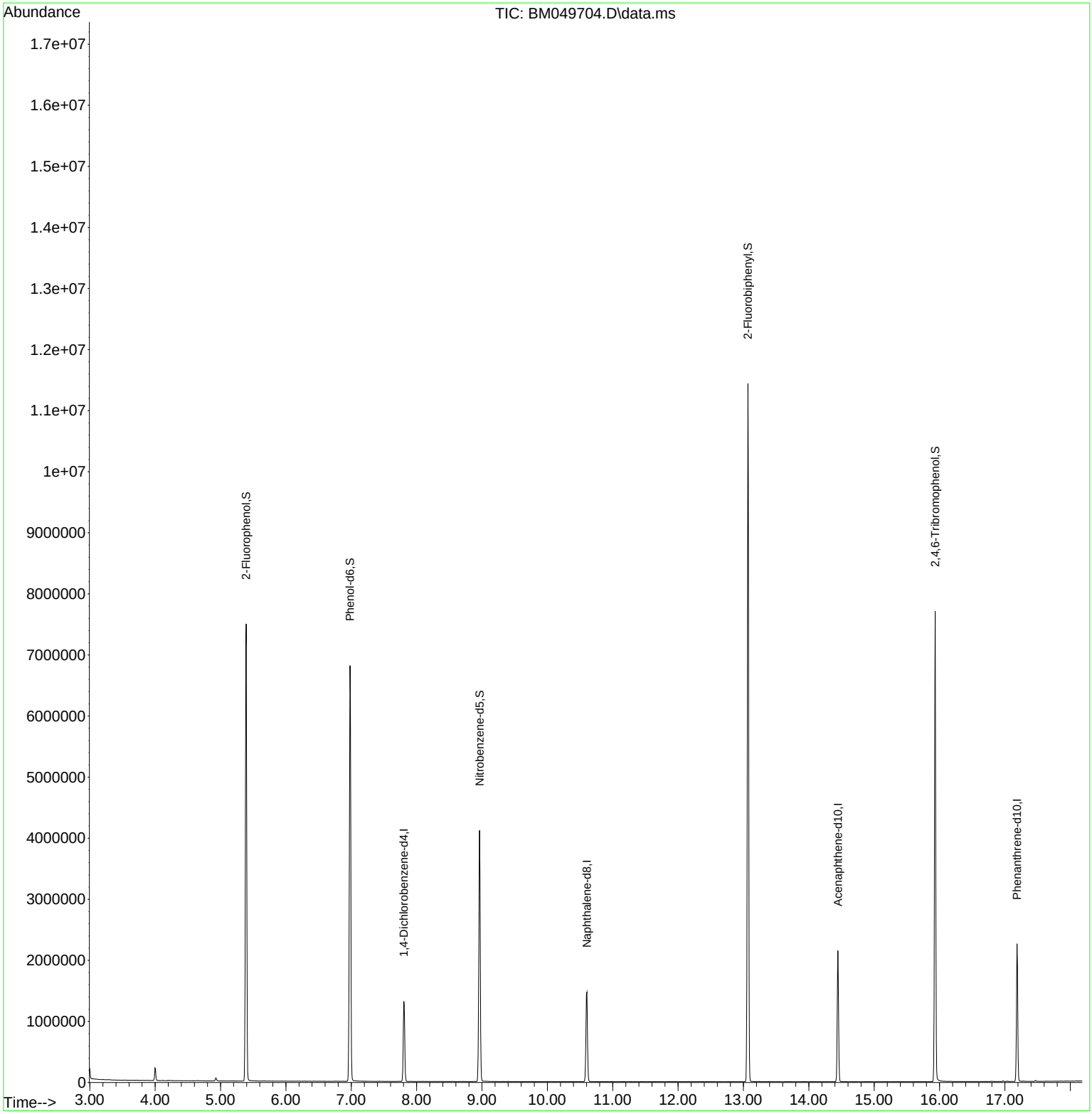

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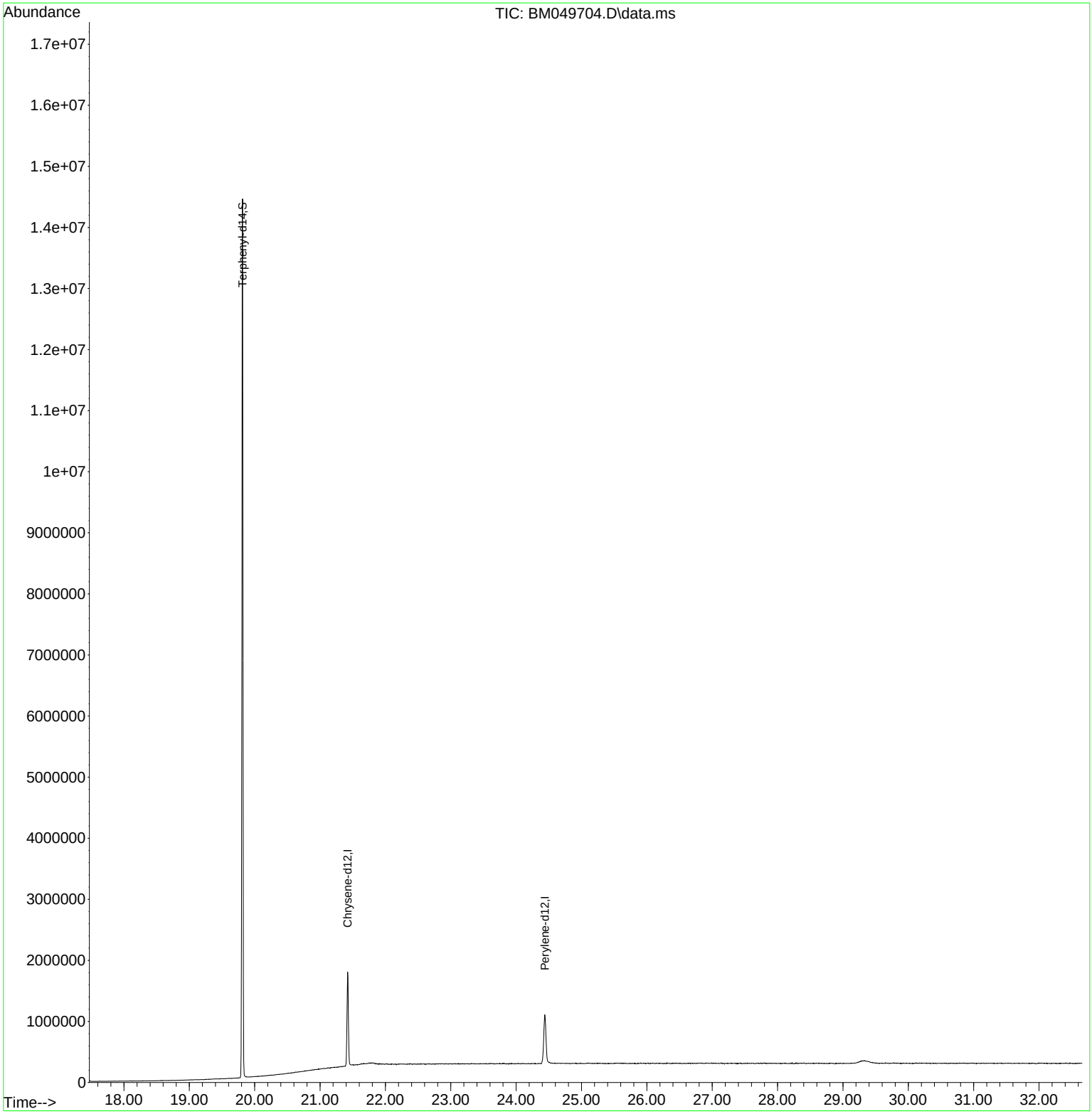
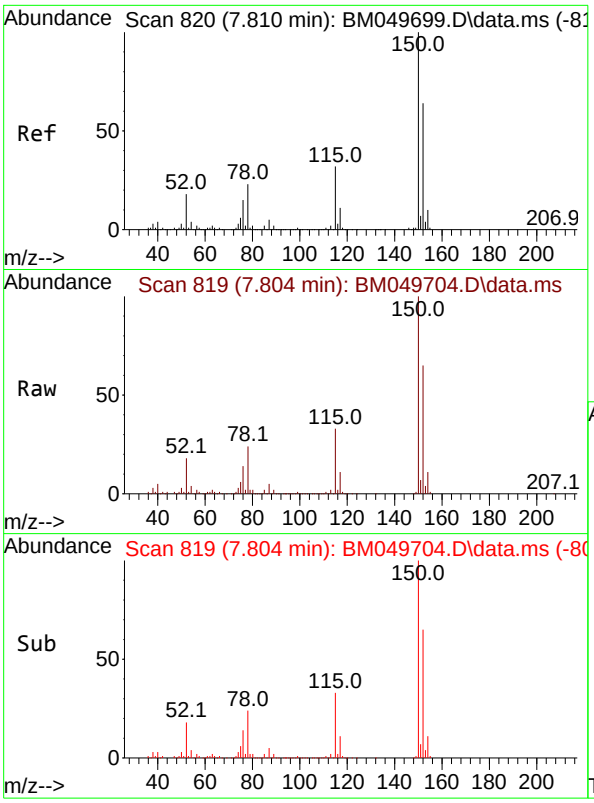


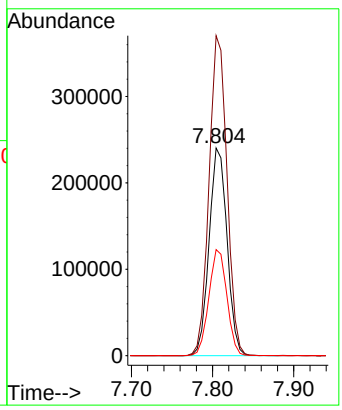


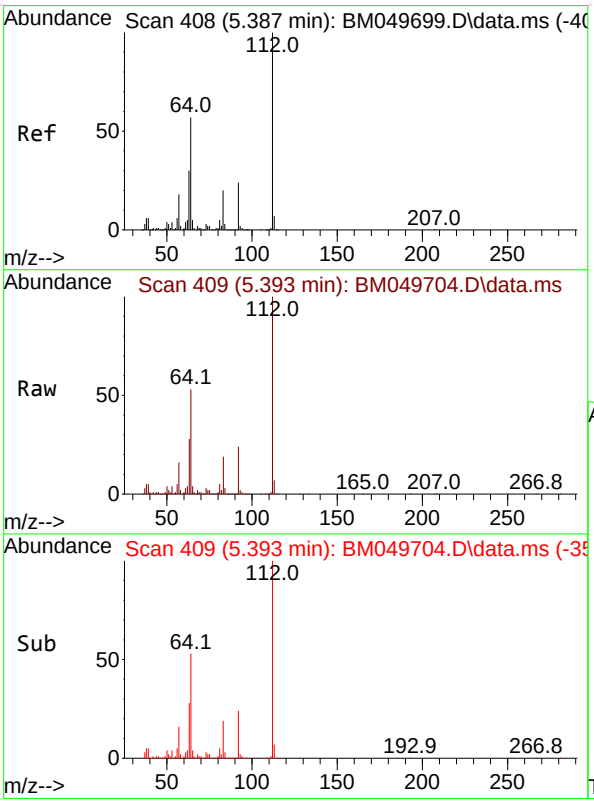
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM049704.D
Acq: 12 Mar 2025 21:56

Instrument :
BNA_M
ClientSampleId :
PB167045BL

Tgt Ion:152 Resp: 368991

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.3	187.9
115	51.1	40.6	61.0

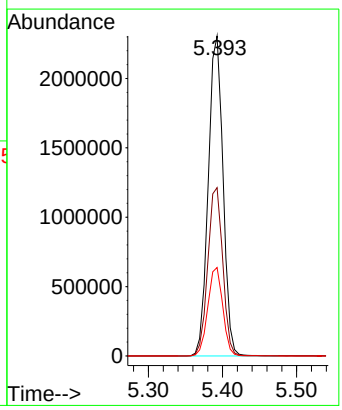


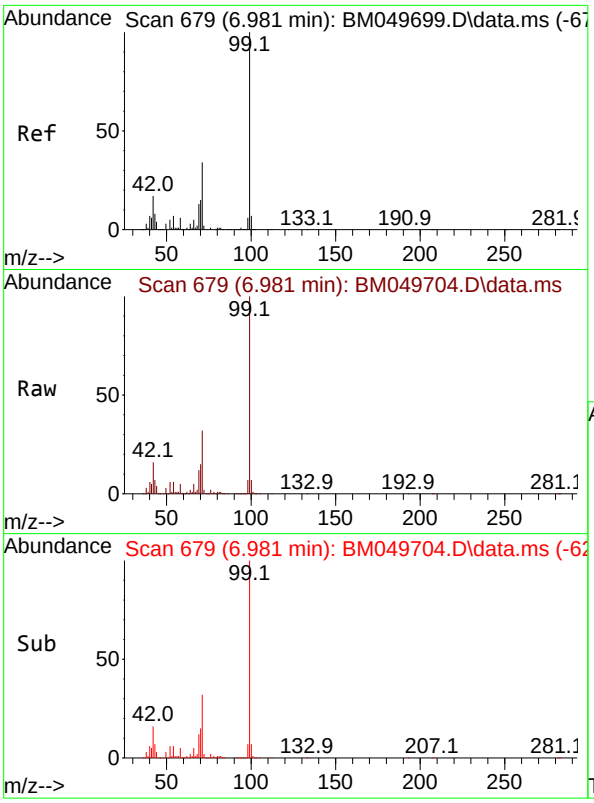


#5
2-Fluorophenol
Concen: 146.012 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.006 min
Lab File: BM049704.D
Acq: 12 Mar 2025 21:56

Tgt Ion:112 Resp: 3187683

Ion	Ratio	Lower	Upper
112	100		
64	52.6	45.7	68.5
63	27.7	24.0	36.0



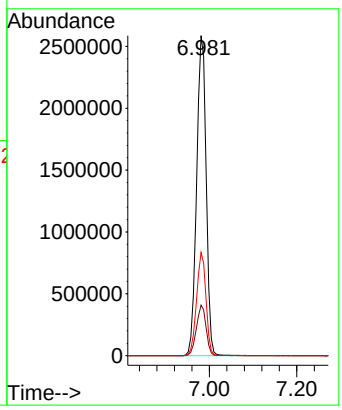


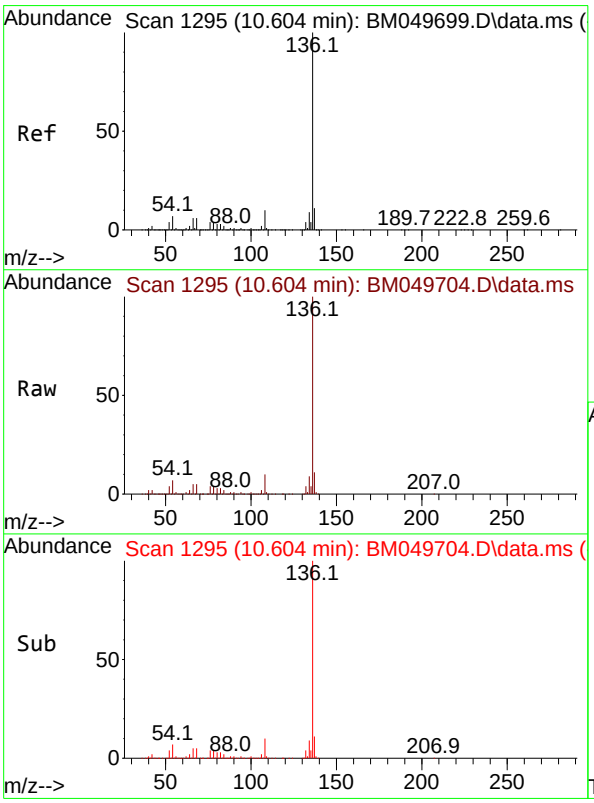
#7
Phenol-d6
Concen: 135.883 ng
RT: 6.981 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM049704.D
Acq: 12 Mar 2025 21:56

Instrument :
BNA_M
ClientSampleId :
PB167045BL

Tgt Ion: 99 Resp: 3935940

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	32.3	27.2	40.8

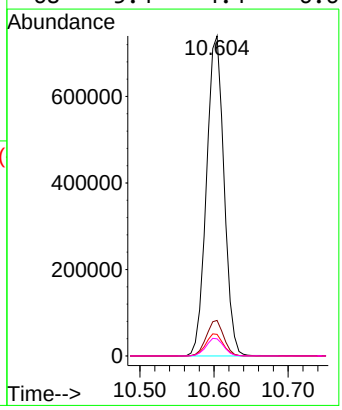


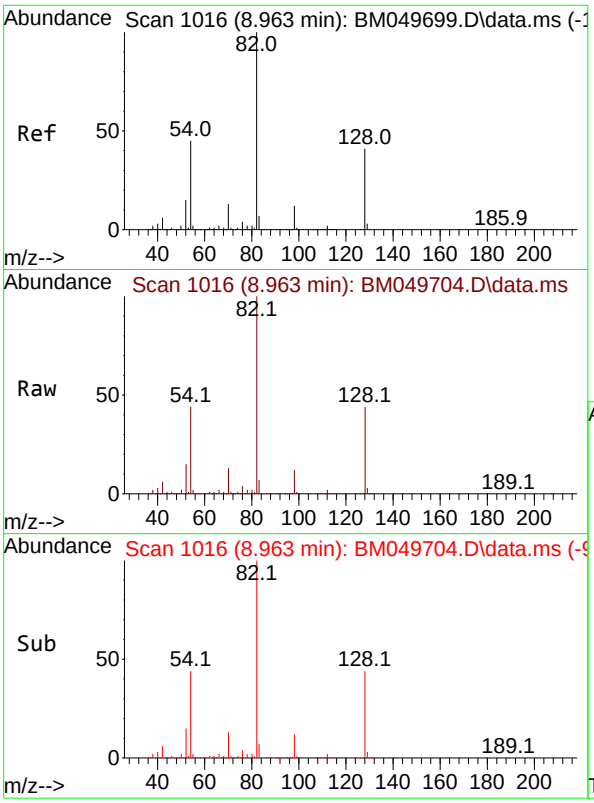


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BM049704.D
Acq: 12 Mar 2025 21:56

Tgt Ion:136 Resp: 1215425

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.7	8.5
68	5.4	4.4	6.6



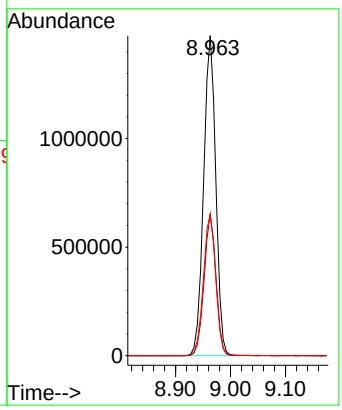


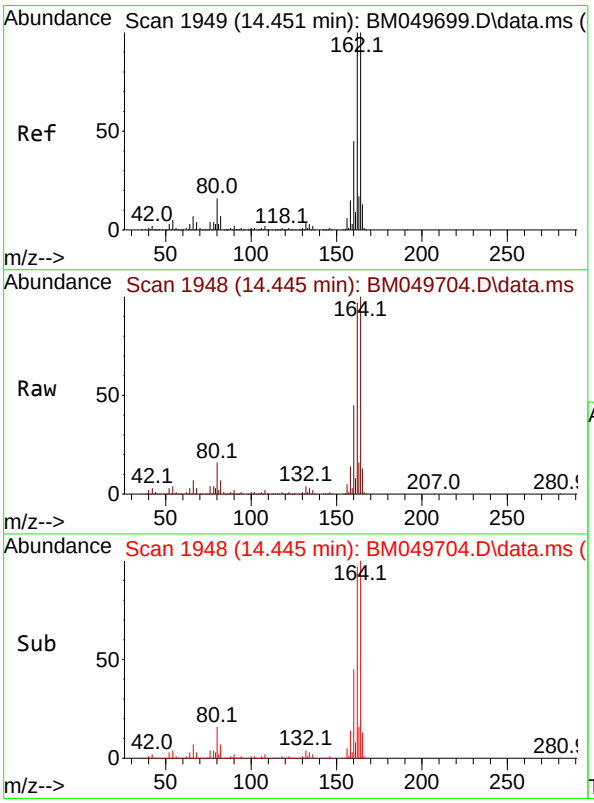
#23
Nitrobenzene-d5
Concen: 96.734 ng
RT: 8.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM049704.D
Acq: 12 Mar 2025 21:56

Instrument :
BNA_M
ClientSampleId :
PB167045BL

Tgt Ion: 82 Resp: 2260694

Ion	Ratio	Lower	Upper
82	100		
128	44.1	32.8	49.2
54	44.3	36.3	54.5

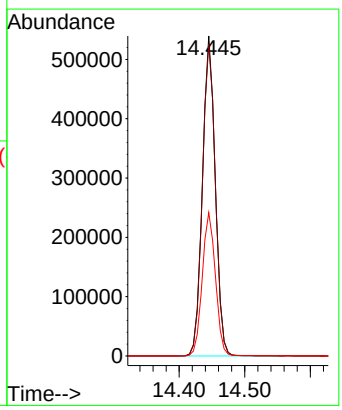


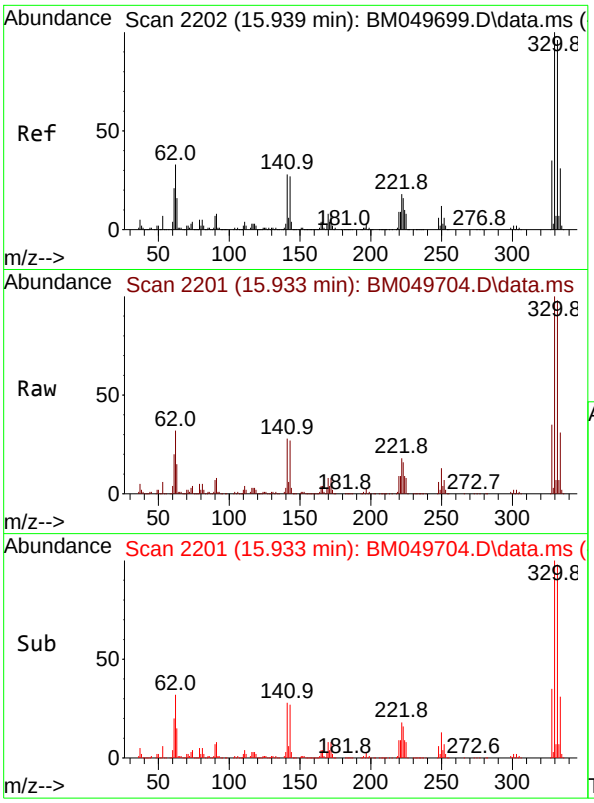


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM049704.D
Acq: 12 Mar 2025 21:56

Tgt Ion:164 Resp: 735889

Ion	Ratio	Lower	Upper
164	100		
162	97.4	79.8	119.8
160	44.8	36.4	54.6



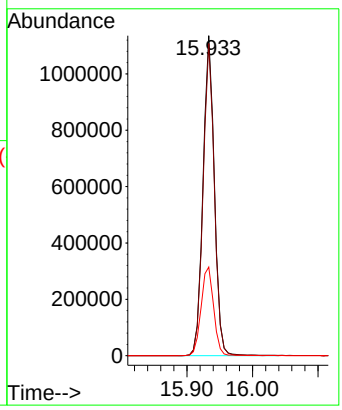


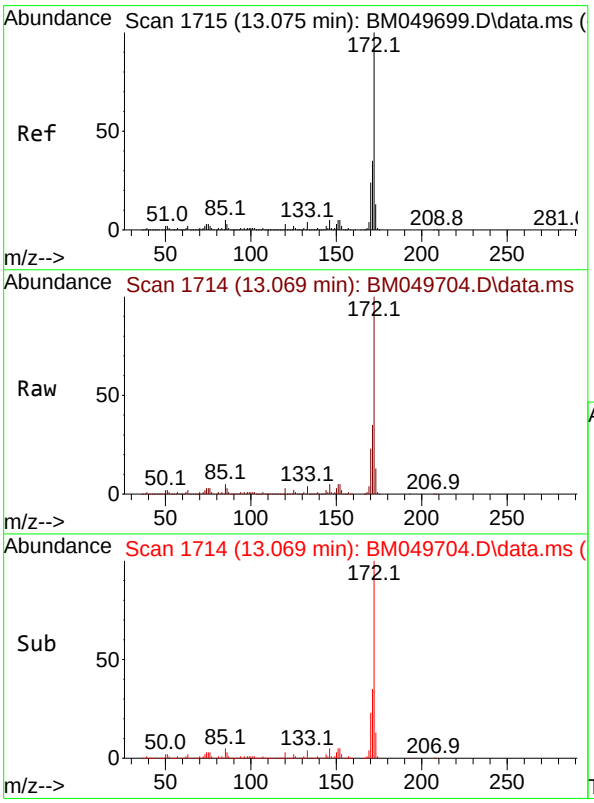
#42
2,4,6-Tribromophenol
Concen: 128.652 ng
RT: 15.933 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049704.D
Acq: 12 Mar 2025 21:56

Instrument :
BNA_M
ClientSampleId :
PB167045BL

Tgt Ion:330 Resp: 1369141

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.2	115.8
141	30.7	25.4	38.0

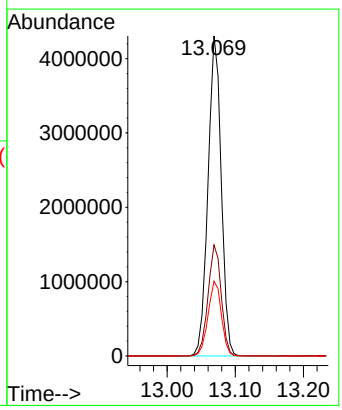


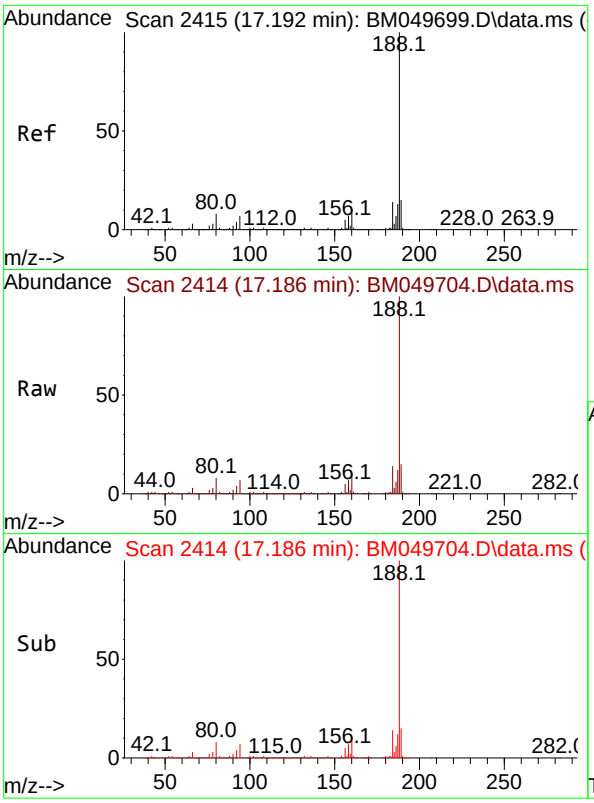


#45
2-Fluorobiphenyl
Concen: 105.469 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM049704.D
Acq: 12 Mar 2025 21:56

Tgt Ion:172 Resp: 5807457

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.0	42.0
170	23.3	18.8	28.2



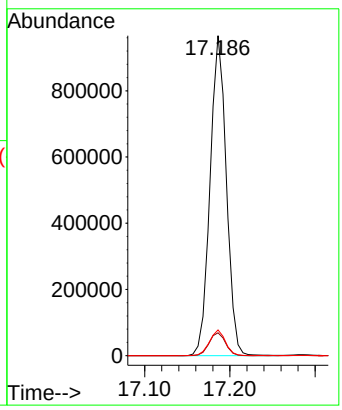


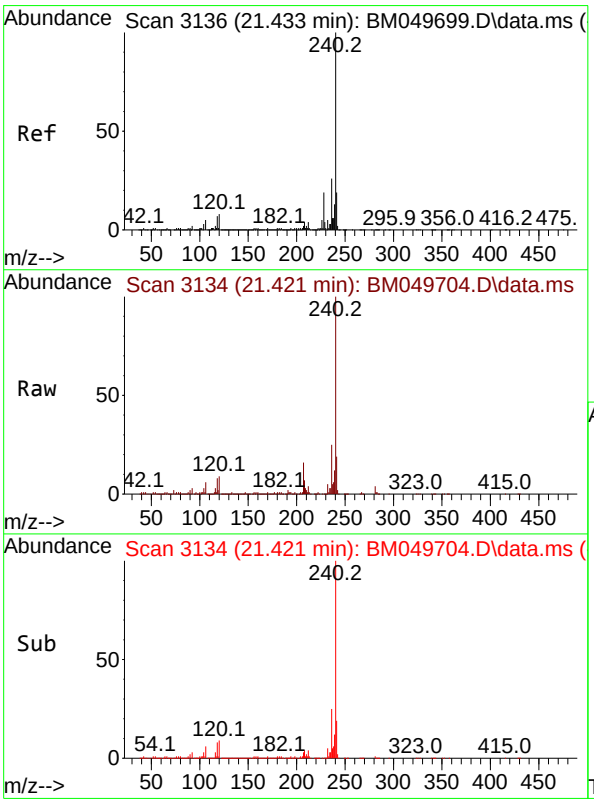
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM049704.D
Acq: 12 Mar 2025 21:56

Instrument :
BNA_M
ClientSampleId :
PB167045BL

Tgt Ion:188 Resp: 1288488

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.4	8.2
80	8.1	6.2	9.4

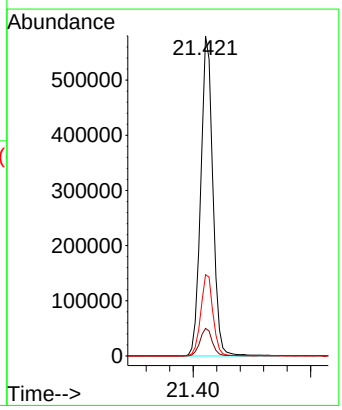


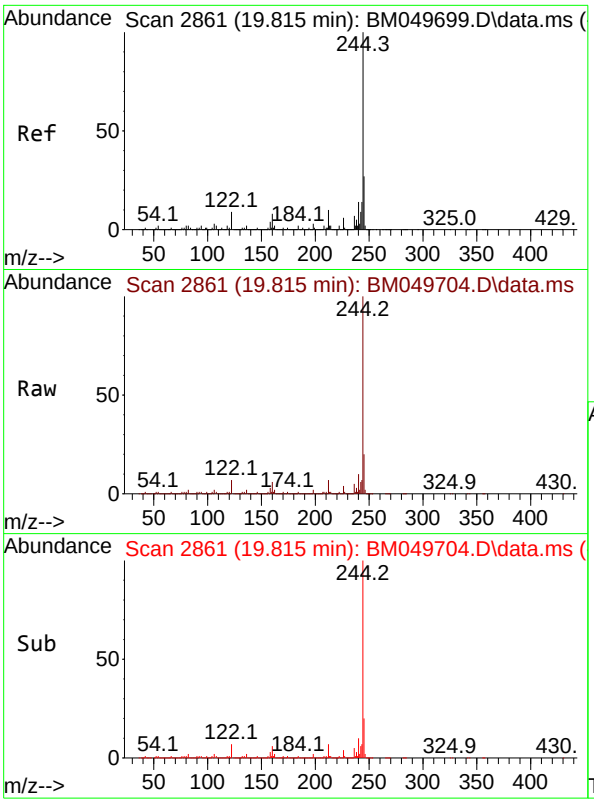


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BM049704.D
Acq: 12 Mar 2025 21:56

Tgt Ion:240 Resp: 829751

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.1	9.1
236	25.4	20.8	31.2



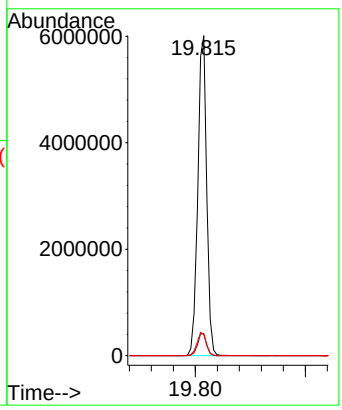


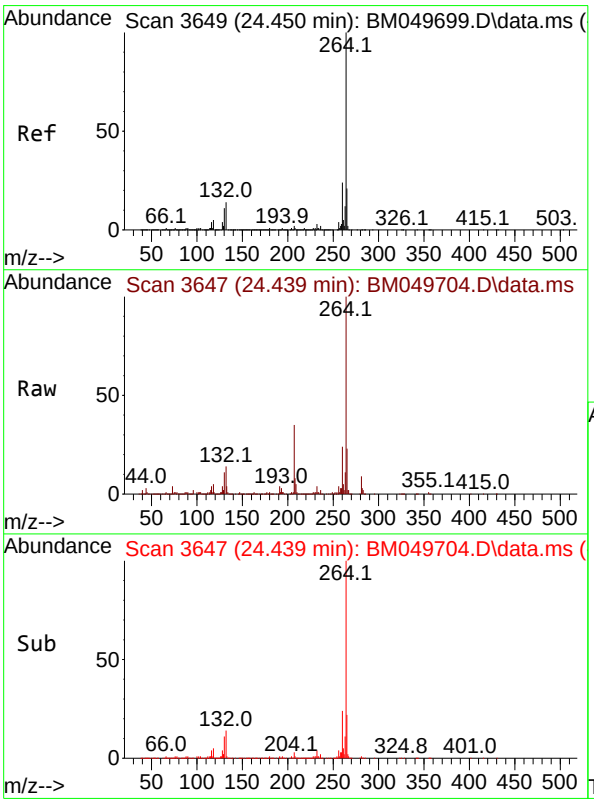
#79
Terphenyl-d14
Concen: 138.033 ng
RT: 19.815 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM049704.D
Acq: 12 Mar 2025 21:56

Instrument :
BNA_M
ClientSampleId :
PB167045BL

Tgt Ion:244 Resp: 6736989

Ion	Ratio	Lower	Upper
244	100		
212	6.9	7.6	11.4#
122	6.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.439 min Scan# 3647
Delta R.T. -0.012 min
Lab File: BM049704.D
Acq: 12 Mar 2025 21:56

Tgt Ion:264 Resp: 722758

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.6	17.3	25.9