Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
Data File : BM049785.D
Acq On : 02 Apr 2025 11:25
Operator : RC/JU
Sample : PB167406BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167406BL

Quant Time: Apr 02 12:05:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	379769	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	1345477	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	873196	20.000	ng	-0.01
64) Phenanthrene-d10	17.168	188	1608837	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1016708	20.000	ng	-0.02
86) Perylene-d12	24.397	264	836755	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3633060	161.418	ng	-0.01
7) Phenol-d6	6.969	99	4592247	162.584	ng	-0.01
23) Nitrobenzene-d5	8.945	82	2741264	104.603	ng	-0.02
42) 2,4,6-Tribromophenol	15.922	330	1947386	190.989	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	7391911	106.018	ng	-0.01
79) Terphenyl-d14	19.798	244	9413891	156.029	ng	-0.01
Target Compounds						Qvalue

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

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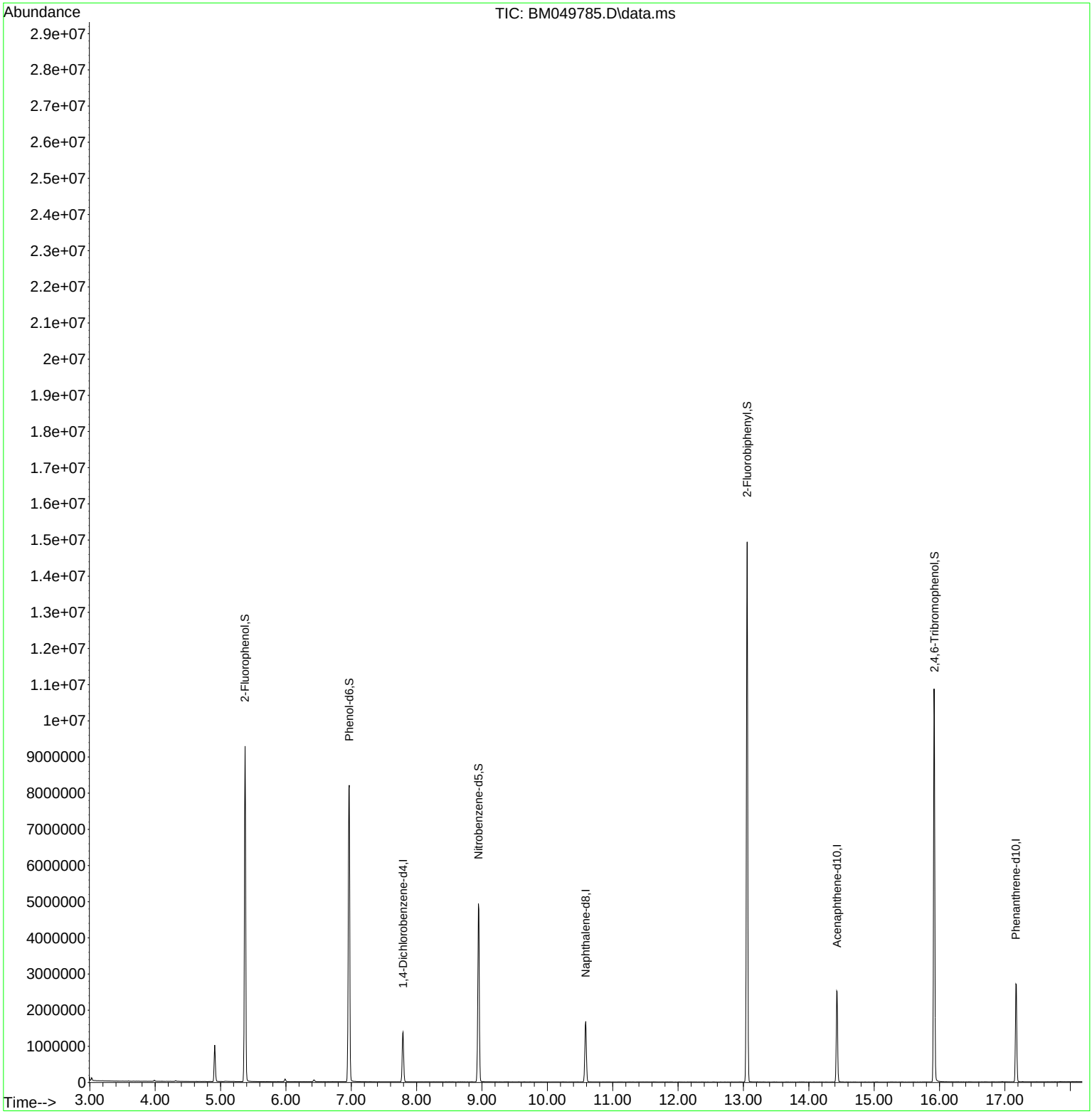

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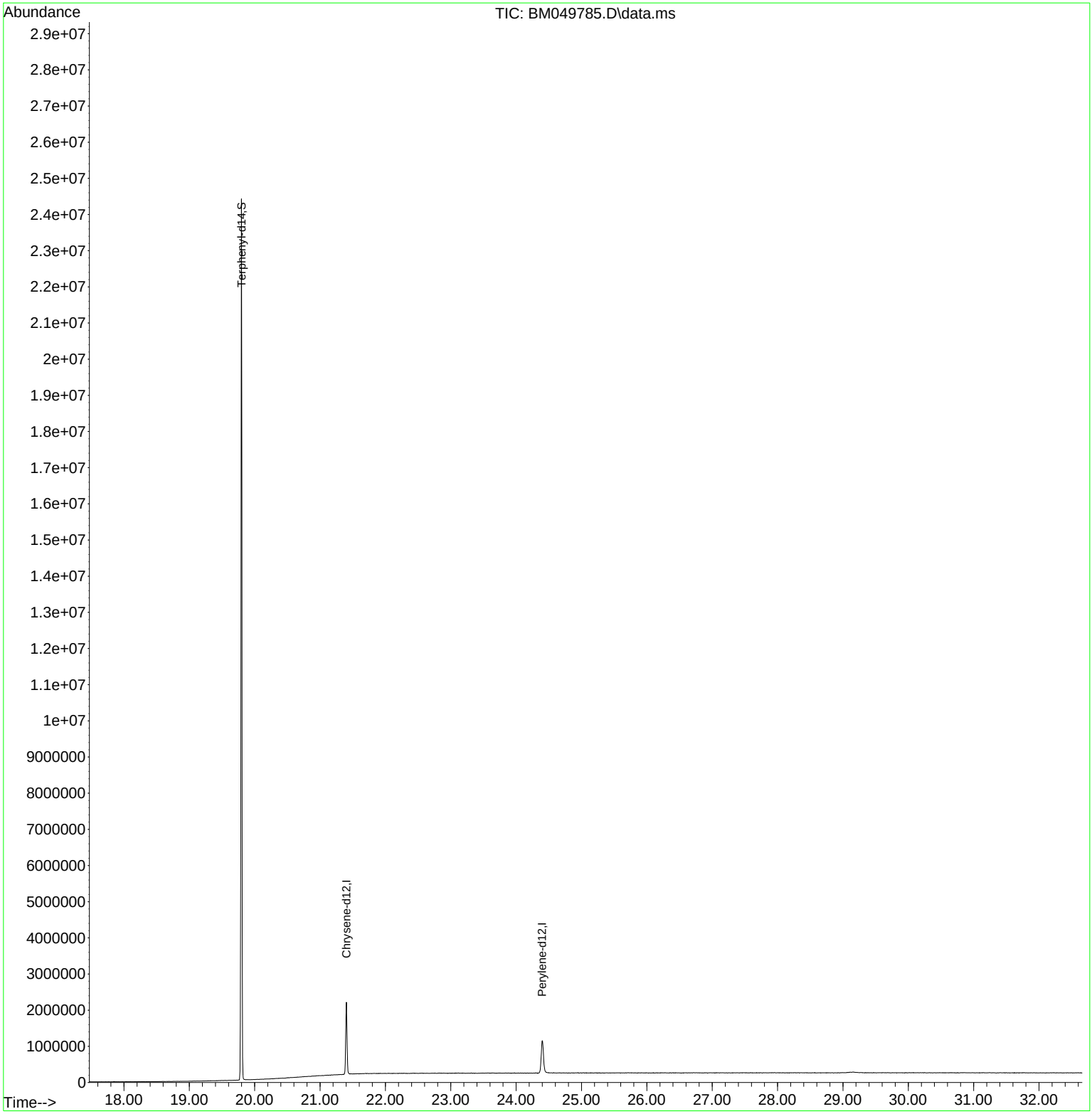
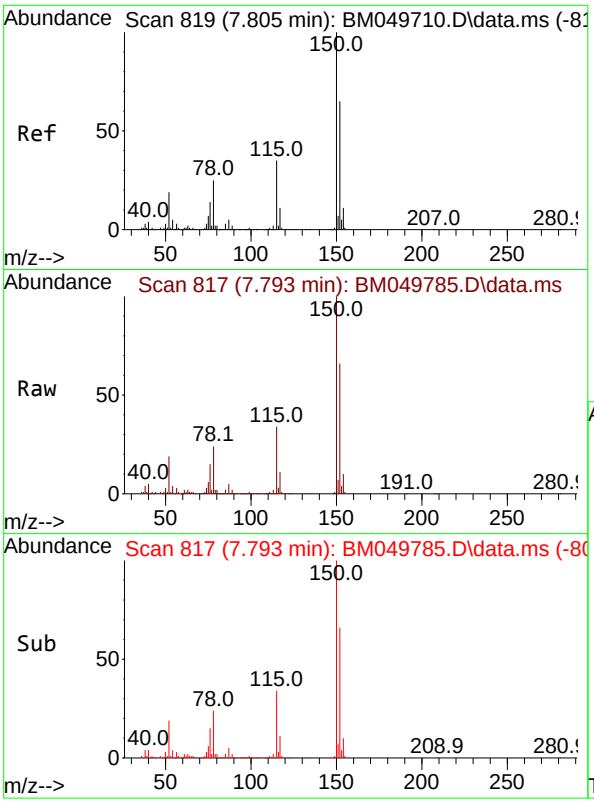


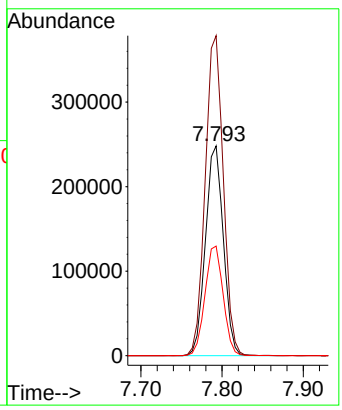


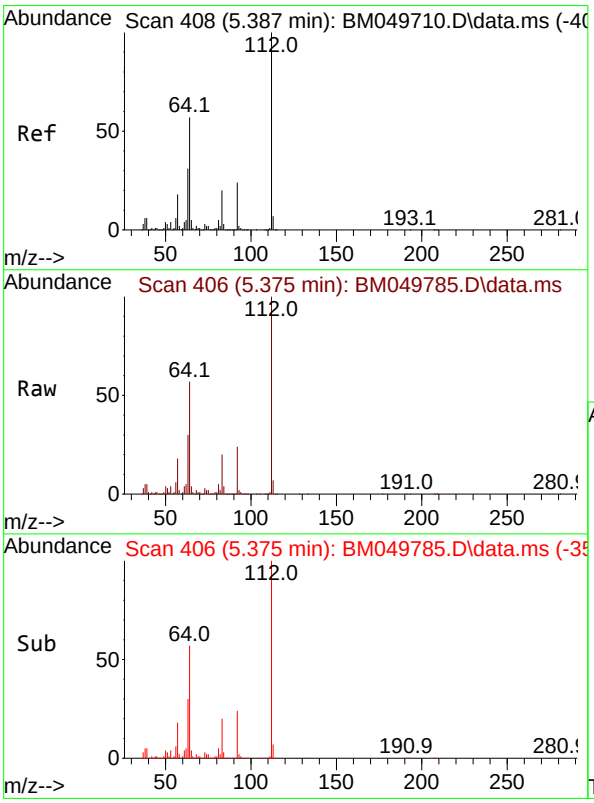
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

Instrument :
BNA_M
ClientSampleId :
PB167406BL

Tgt Ion:152 Resp: 379769

Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.8	185.8
115	52.2	43.0	64.6

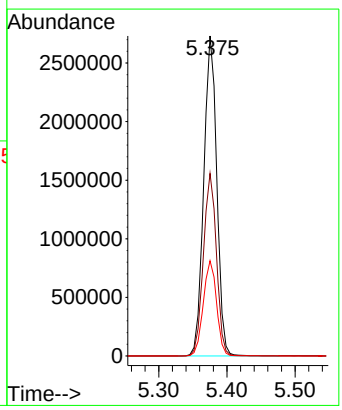


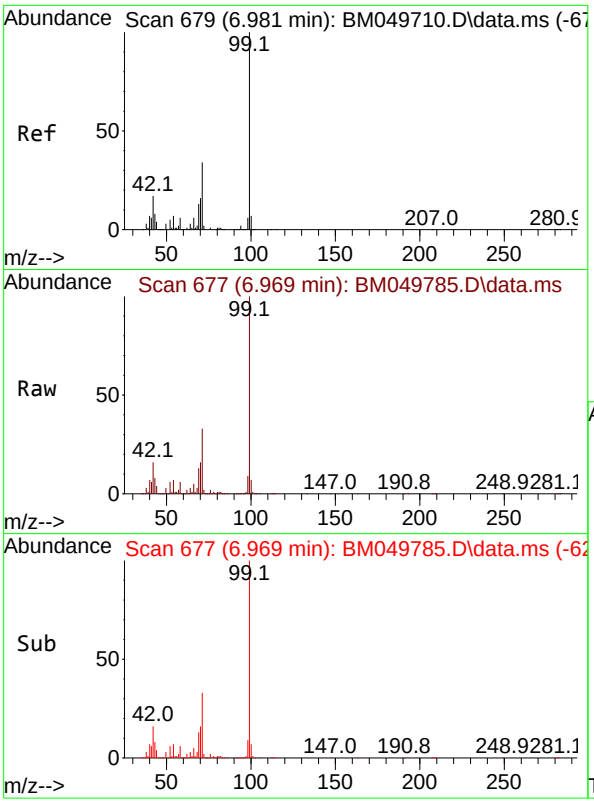


#5
2-Fluorophenol
Concen: 161.418 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.012 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

Tgt Ion:112 Resp: 3633060

Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.3	67.9
63	29.8	24.4	36.6



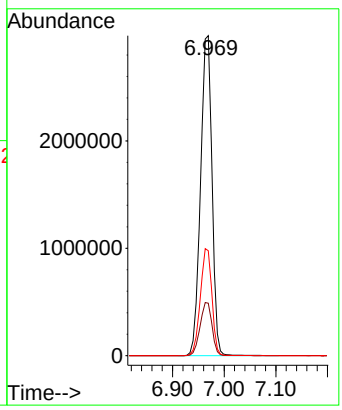


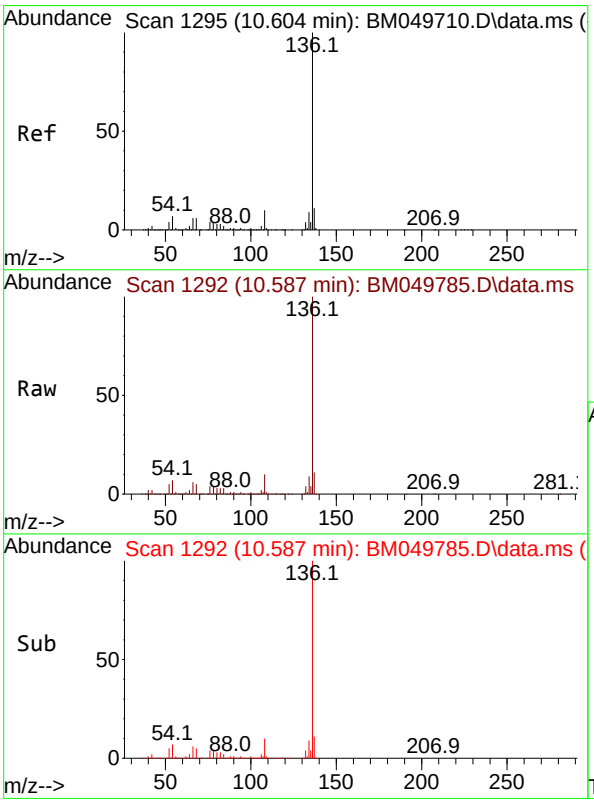
#7
Phenol-d6
Concen: 162.584 ng
RT: 6.969 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

Instrument :
BNA_M
ClientSampleId :
PB167406BL

Tgt Ion: 99 Resp: 4592247

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	32.8	27.0	40.6

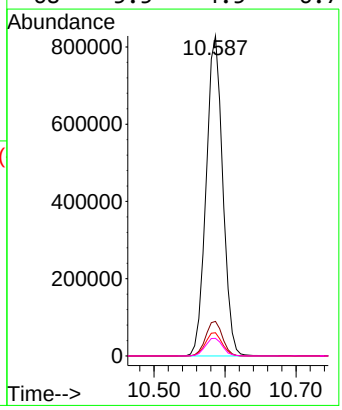


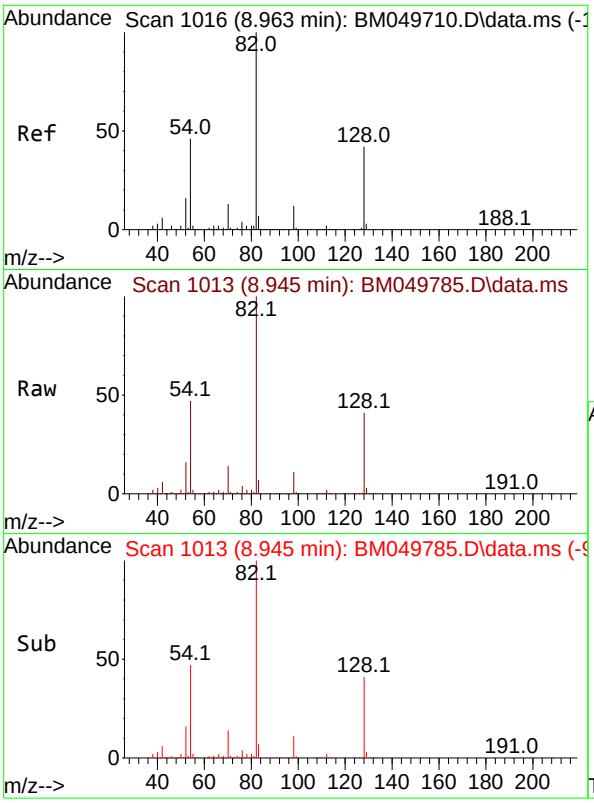


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.018 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

Tgt Ion:136 Resp: 1345477

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.2	5.8	8.8
68	5.5	4.5	6.7



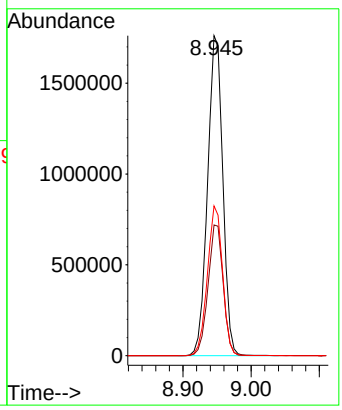


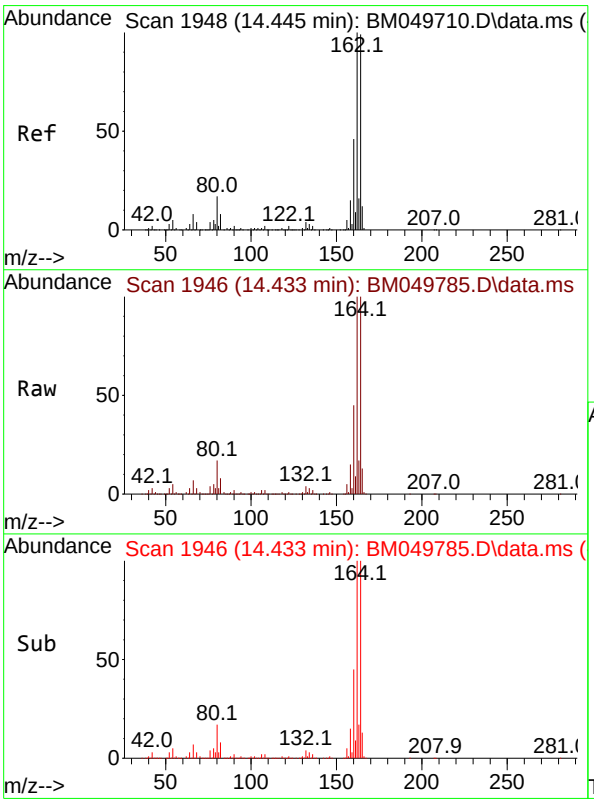
#23
Nitrobenzene-d5
Concen: 104.603 ng
RT: 8.945 min Scan# 1(
Delta R.T. -0.018 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

Instrument :
BNA_M
ClientSampleId :
PB167406BL

Tgt Ion: 82 Resp: 2741264

Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.4	50.0
54	46.8	36.4	54.6

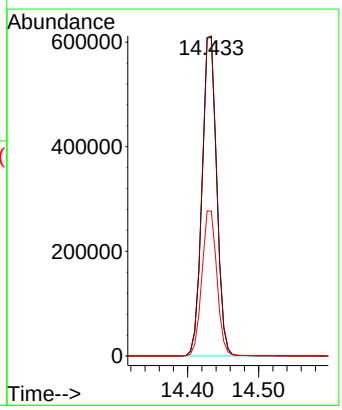


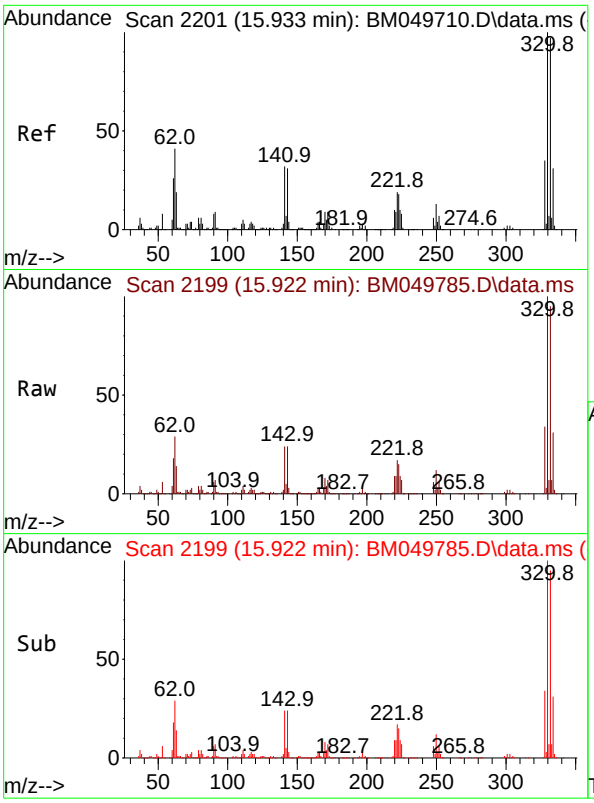


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

Tgt Ion:164 Resp: 873196

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.5	120.7
160	45.5	36.9	55.3



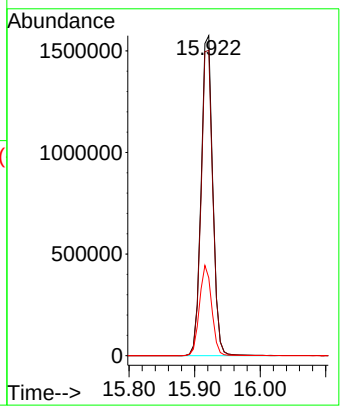


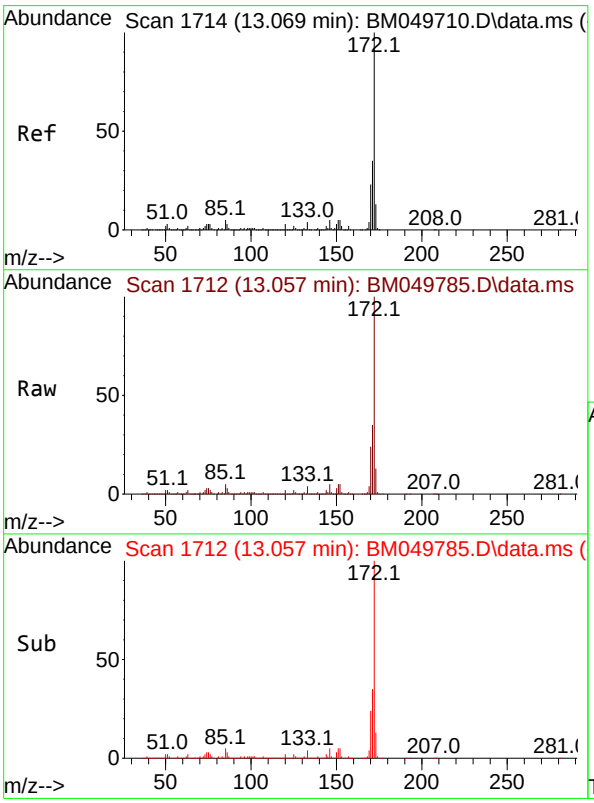
#42
2,4,6-Tribromophenol
Concen: 190.989 ng
RT: 15.922 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

Instrument :
BNA_M
ClientSampleId :
PB167406BL

Tgt Ion:330 Resp: 1947386

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.4
141	29.7	27.8	41.6

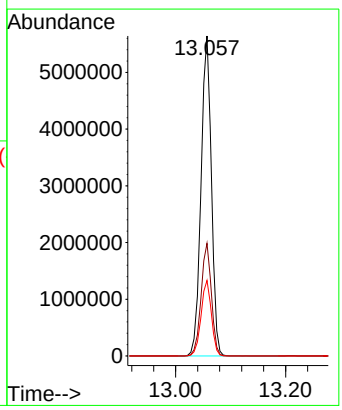


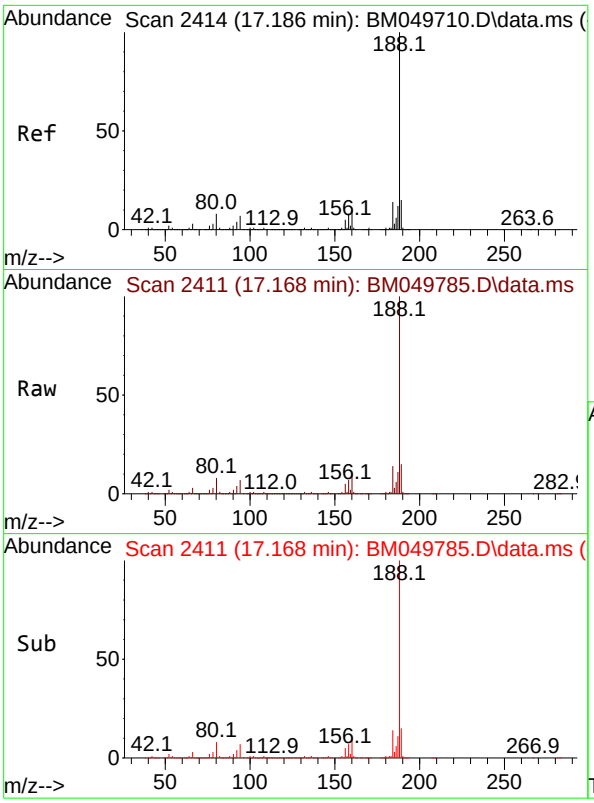


#45
2-Fluorobiphenyl
Concen: 106.018 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

Tgt Ion:172 Resp: 7391911

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.6	18.6	28.0



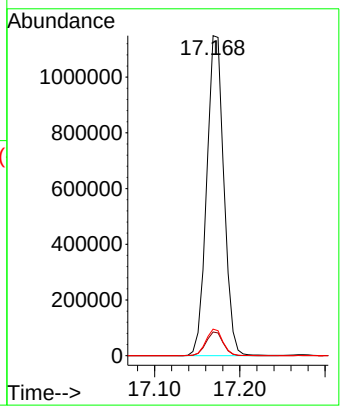


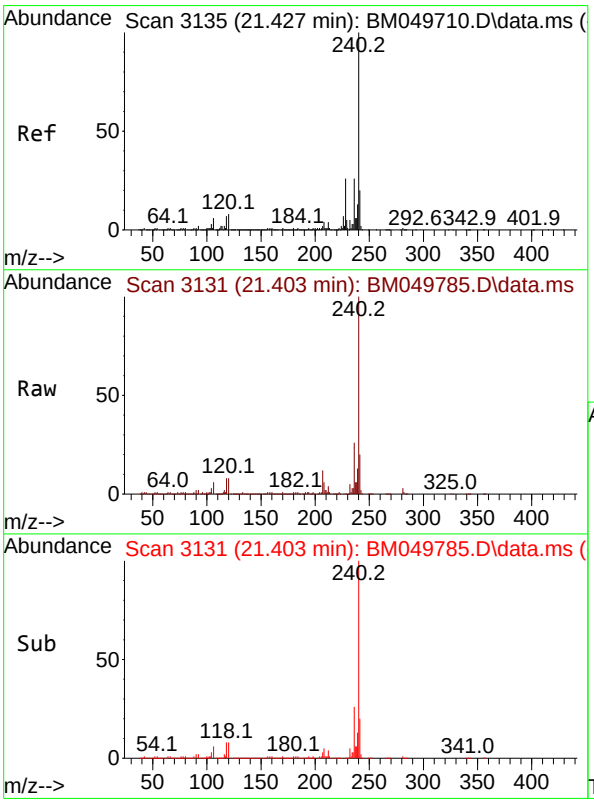
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

Instrument :
BNA_M
ClientSampleId :
PB167406BL

Tgt Ion:188 Resp: 1608837

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.6
80	8.3	6.3	9.5

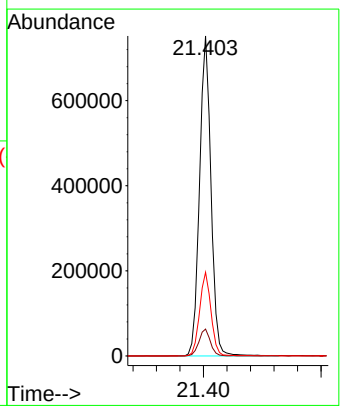


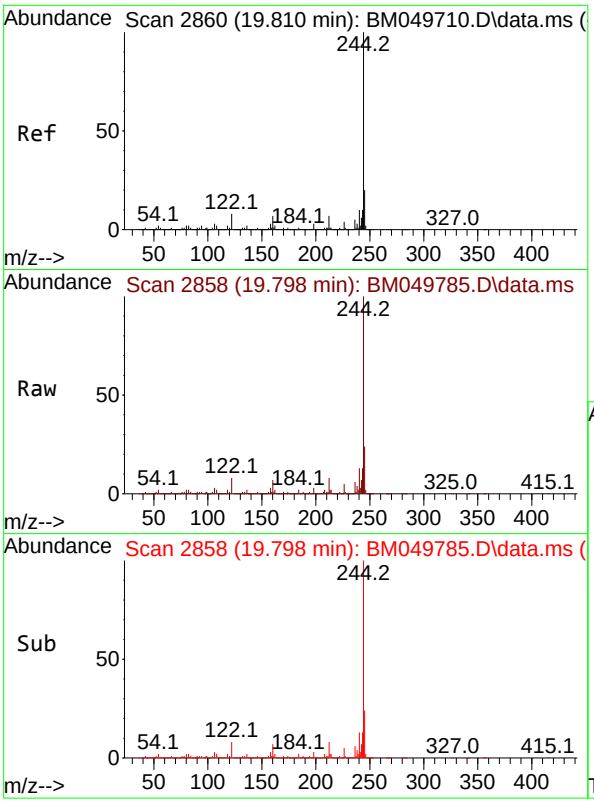


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

Tgt Ion:240 Resp: 1016708

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.5	9.7
236	26.2	20.7	31.1



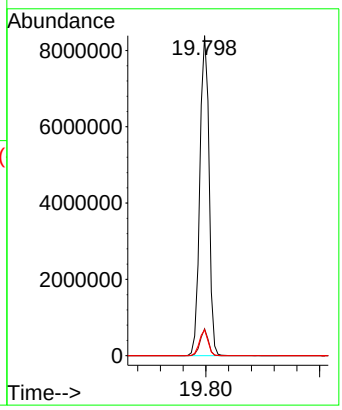


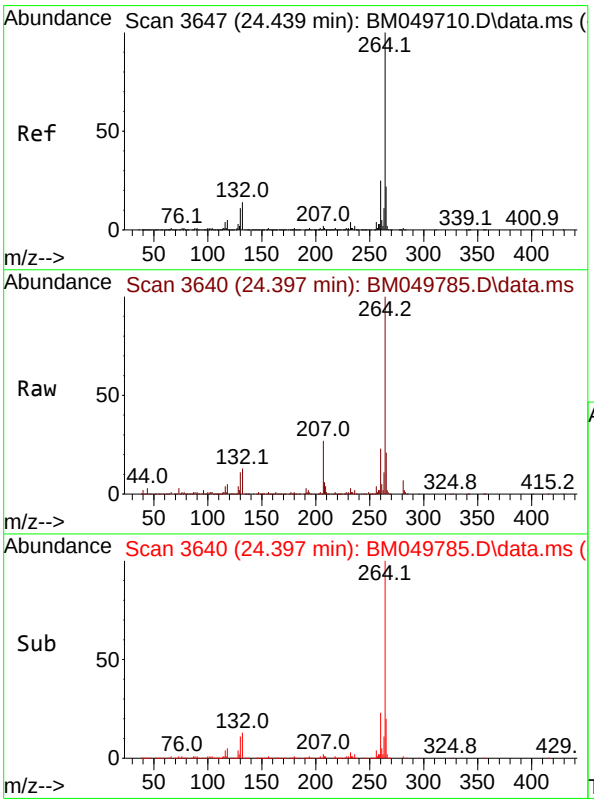
#79
Terphenyl-d14
Concen: 156.029 ng
RT: 19.798 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

Instrument :
BNA_M
ClientSampleId :
PB167406BL

Tgt Ion:244 Resp: 9413891

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.6
122	8.1	6.0	9.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.041 min
Lab File: BM049785.D
Acq: 02 Apr 2025 11:25

Tgt Ion:264 Resp: 836755

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	21.1	18.2	27.2