Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049564.D
Acq On : 05 Feb 2025 11:05
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Feb 06 04:36:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	311523	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1140579	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	725144	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1428221	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1137855	20.000	ng	0.00
86) Perylene-d12	24.480	264	1031423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.628	70	37404	2.251	ng	98

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

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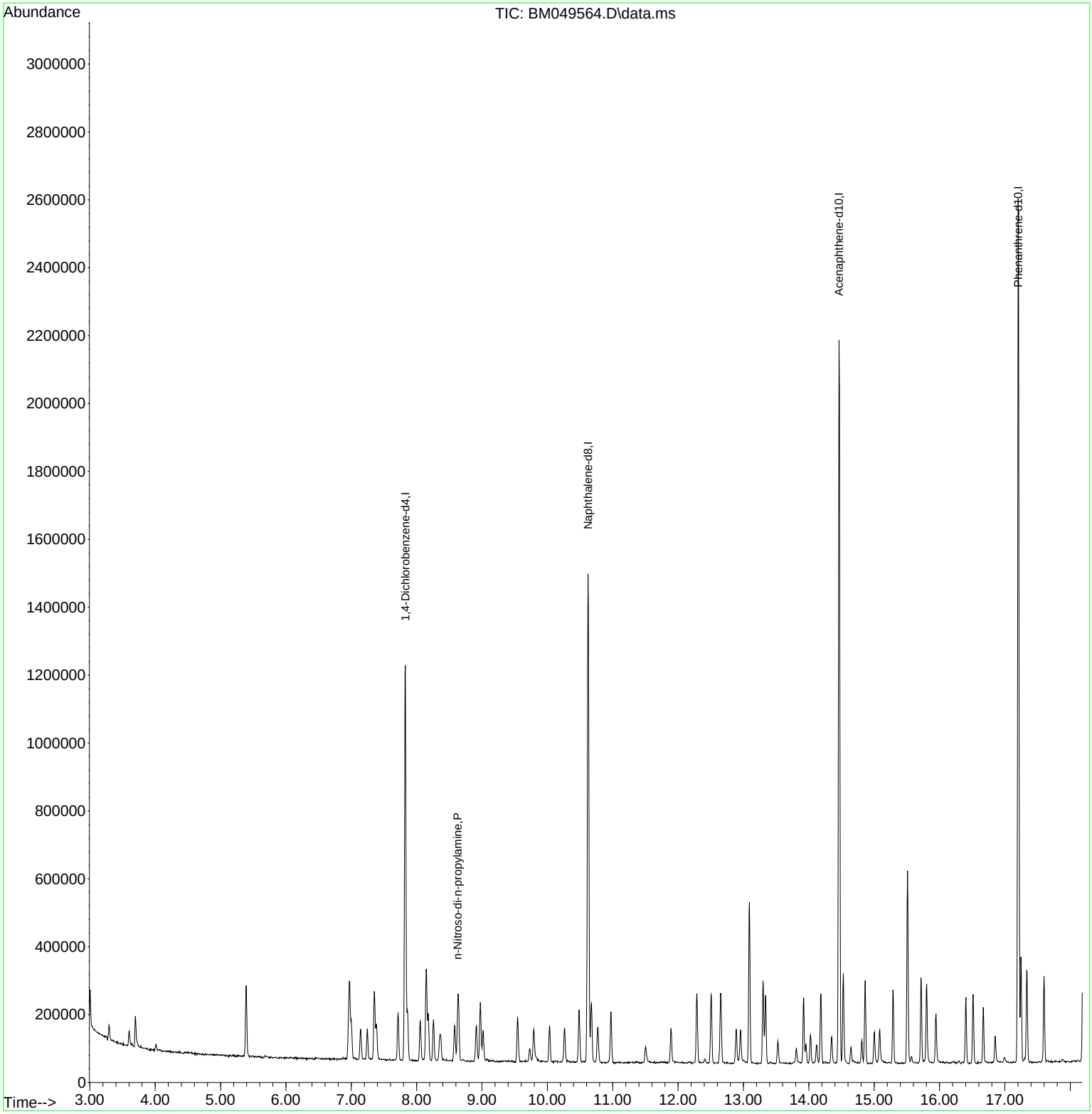

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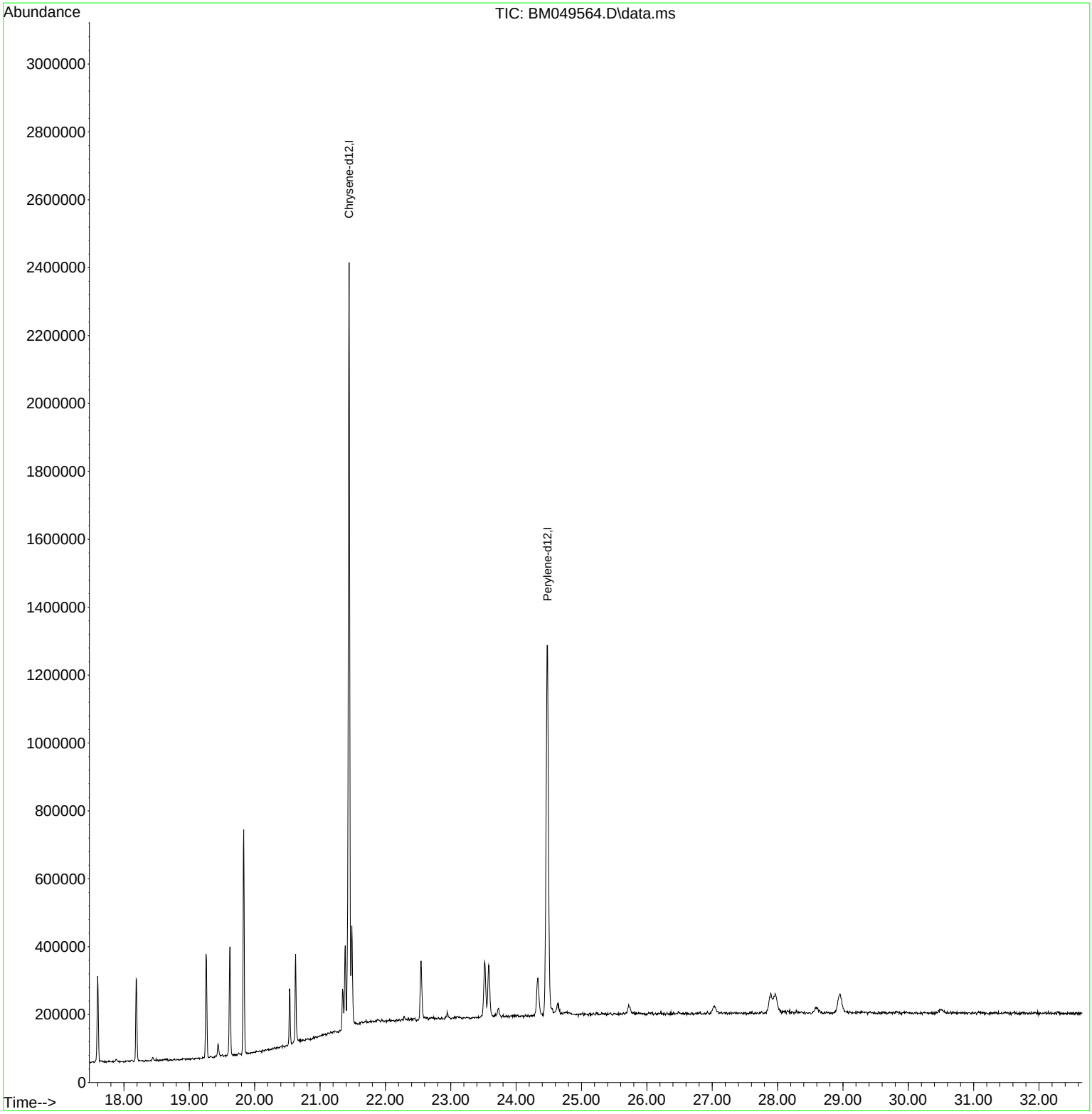
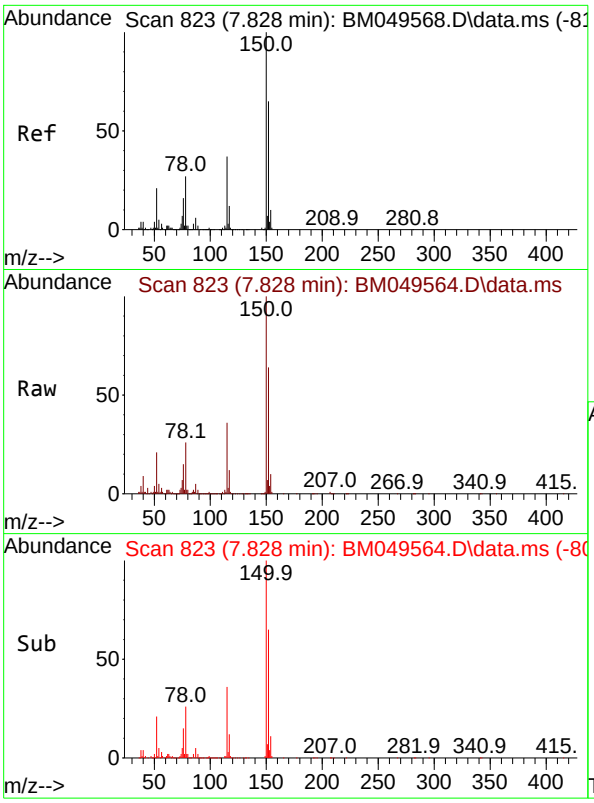


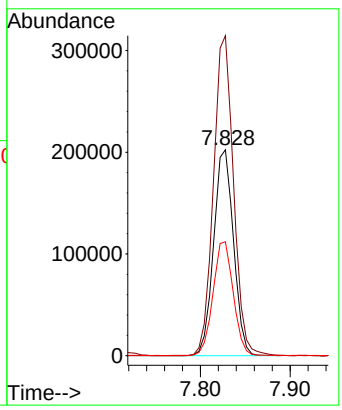


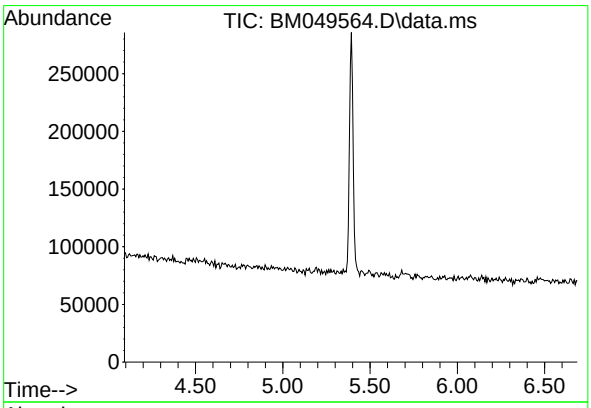
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 311523

Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.6	184.0
115	55.3	45.4	68.0



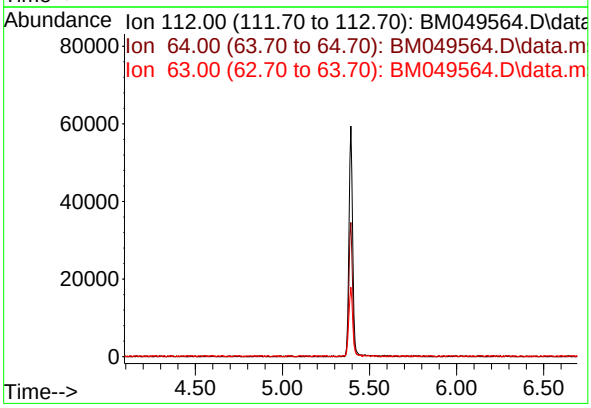


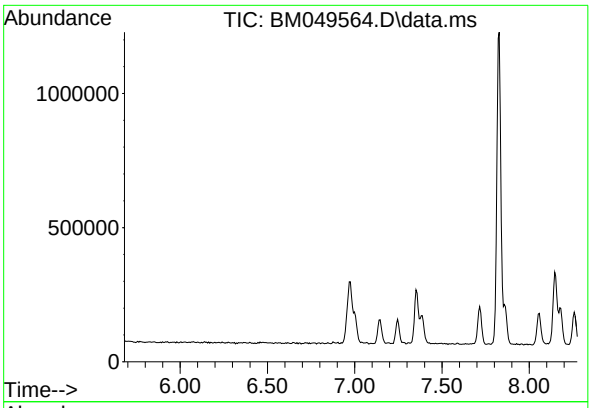
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.39 min

Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.8
63	32.8





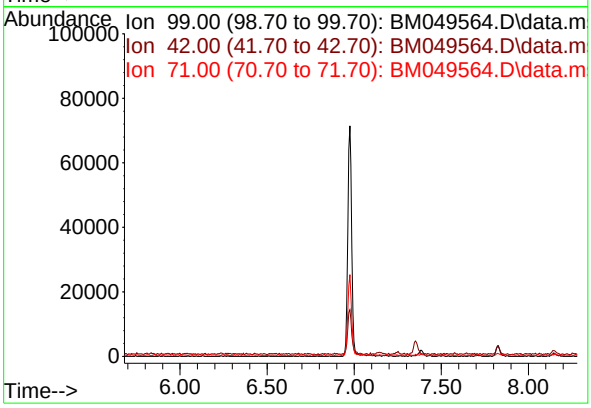
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.98 min

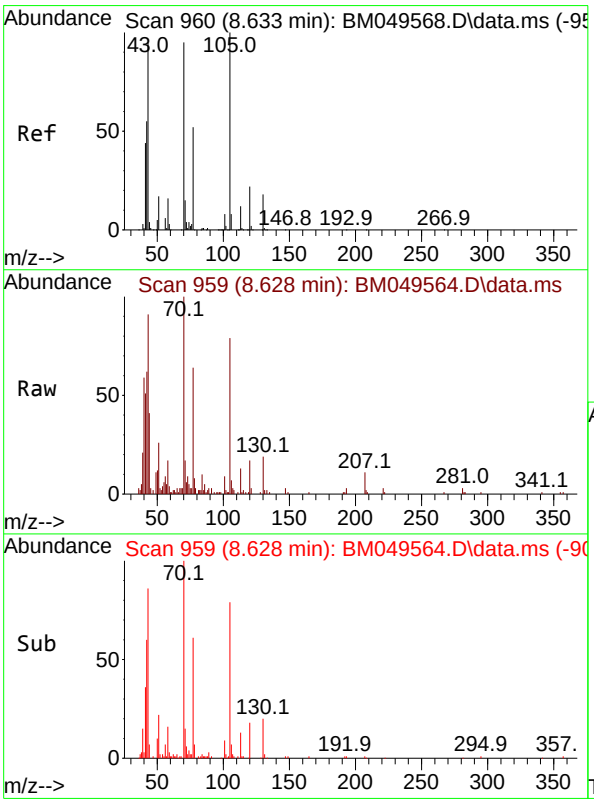
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	20.0
71	34.7

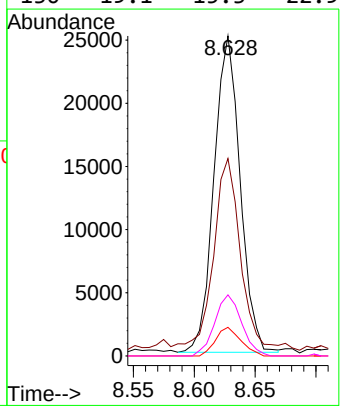


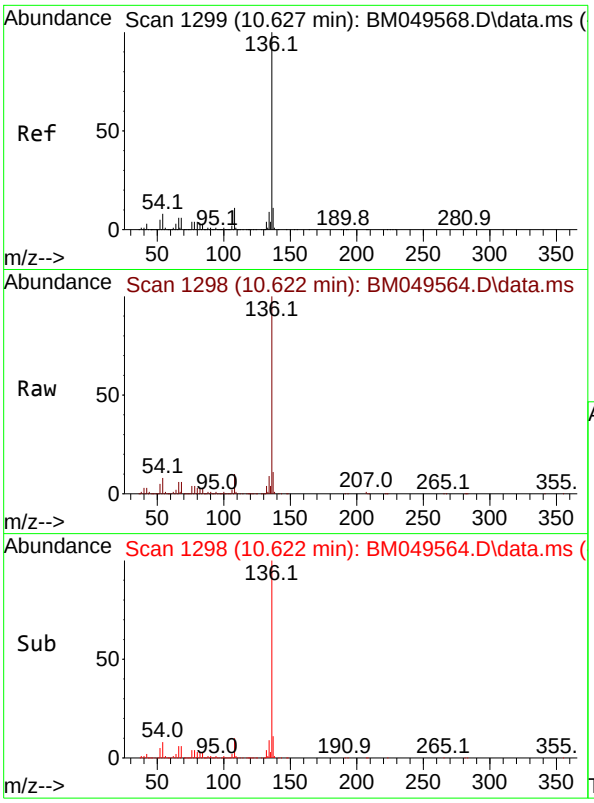


#19
n-Nitroso-di-n-propylamine
Concen: 2.251 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion: 70 Resp: 37404

Ion	Ratio	Lower	Upper
70	100		
42	61.7	47.4	71.2
101	9.0	7.1	10.7
130	19.1	15.3	22.9



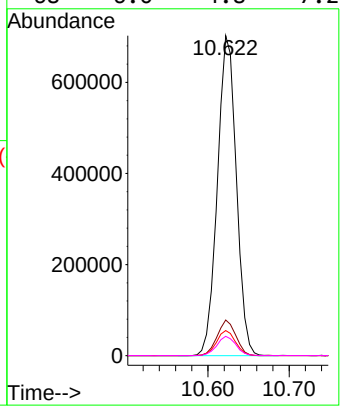


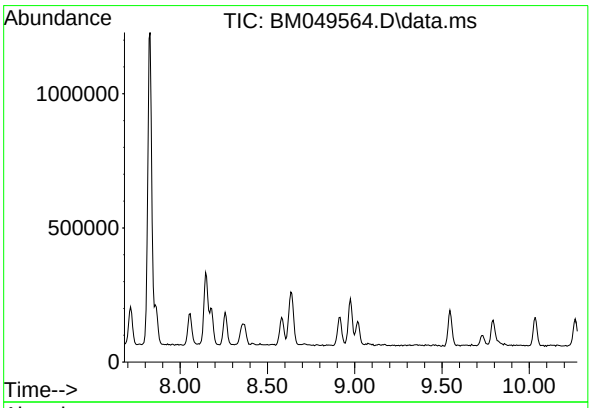
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 1140579

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.9	6.6	10.0
68	6.0	4.8	7.2



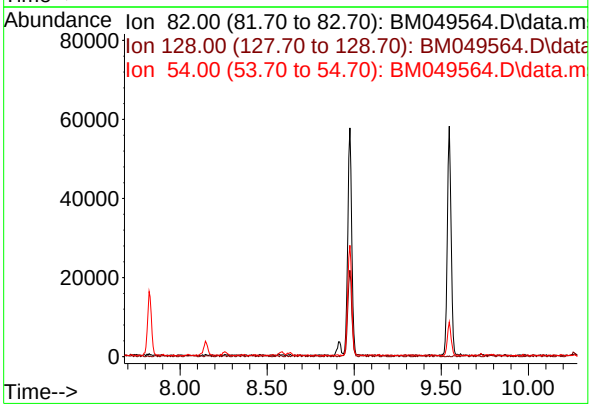


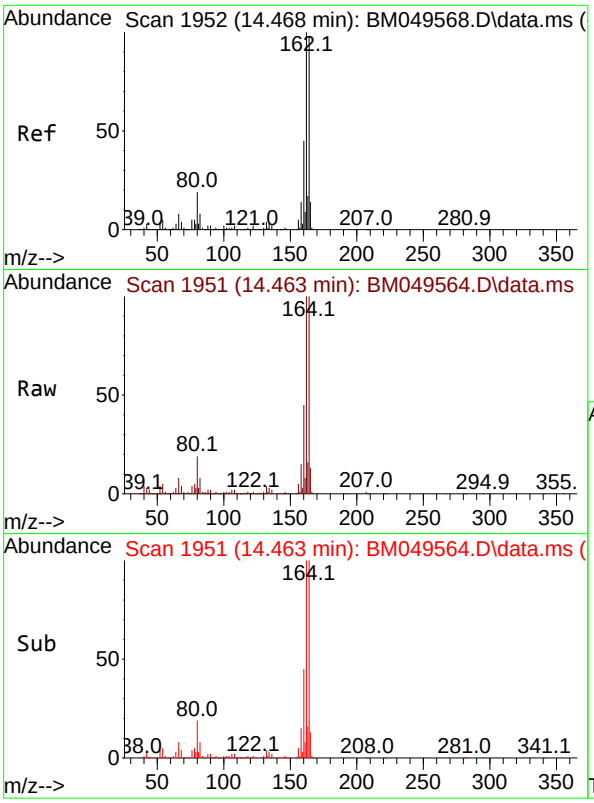
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.98 min

Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	39.5
54	49.2



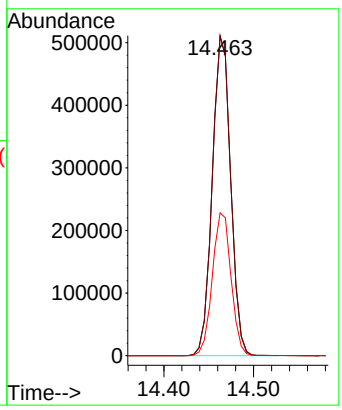


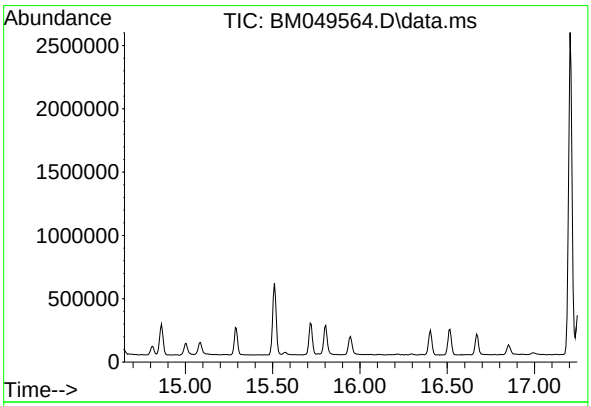
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 725144

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.4	122.0
160	44.7	36.2	54.4



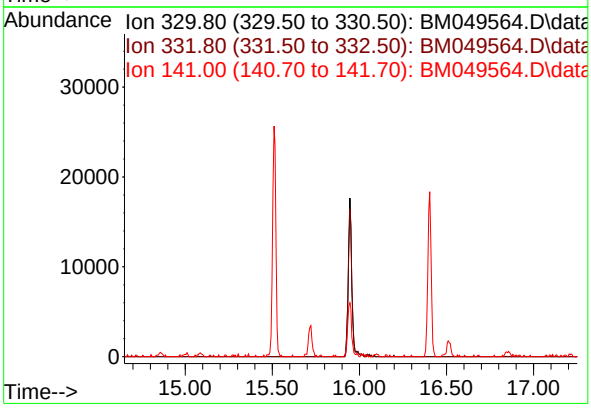


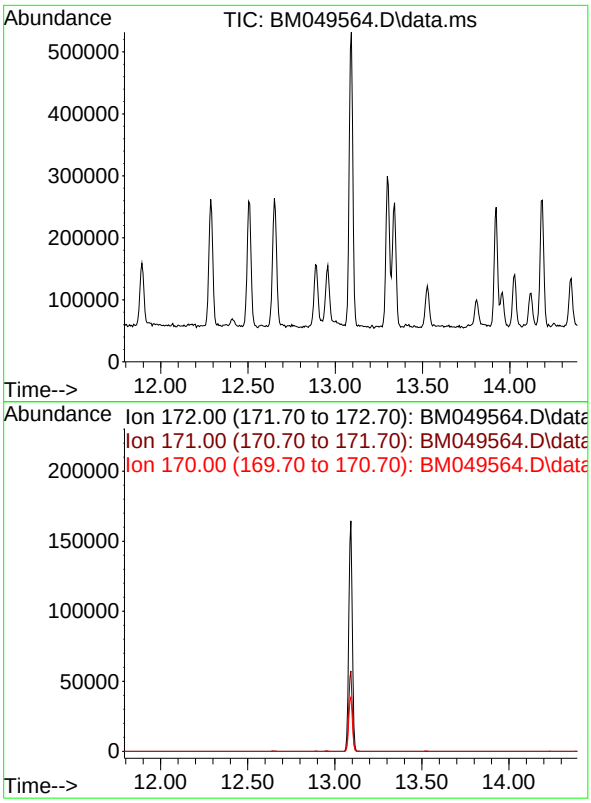
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.95 min

Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.6
141	35.2





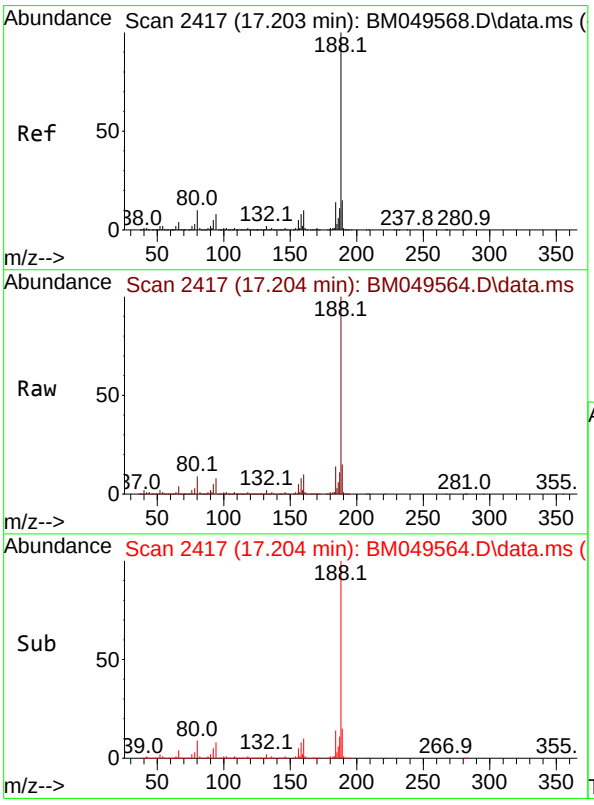
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.09 min

Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

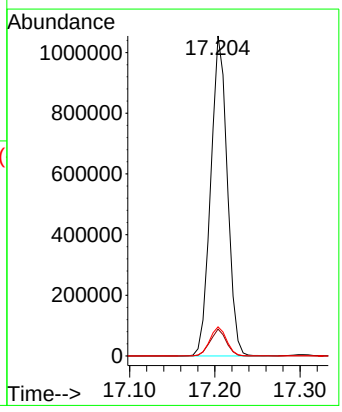
Sig	Exp Ratio
172	100
171	35.0
170	23.7

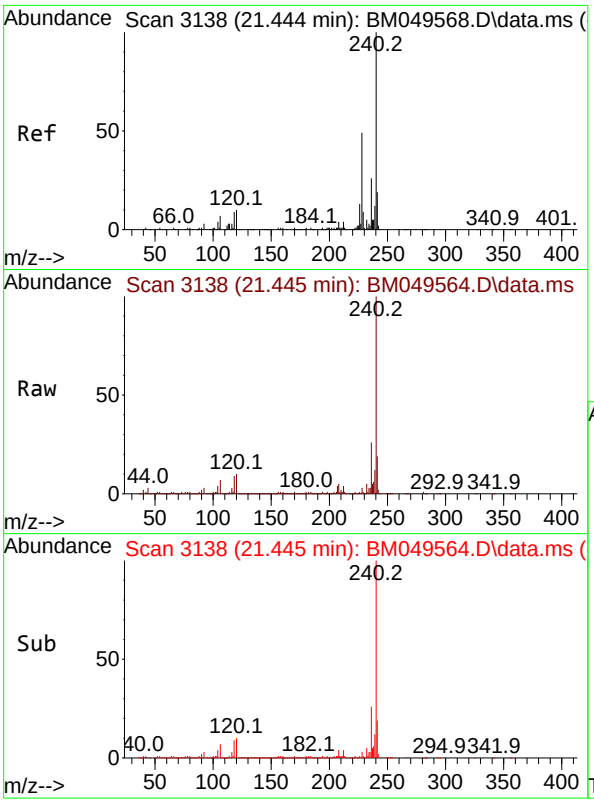


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion:188 Resp: 1428221

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.1	7.7	11.5



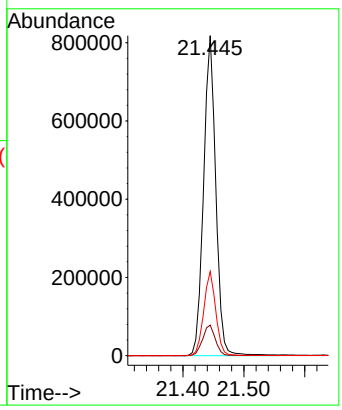


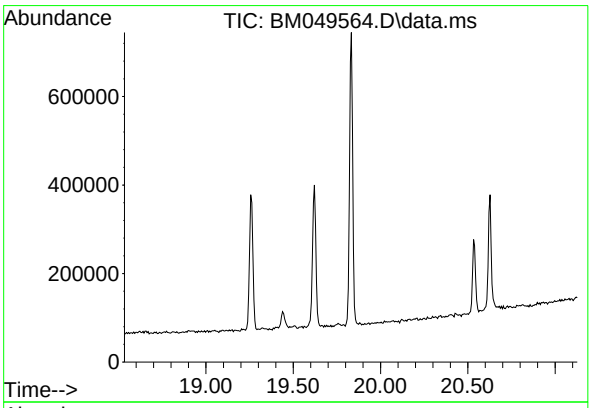
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1137855

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.8	11.8
236	26.3	20.6	31.0



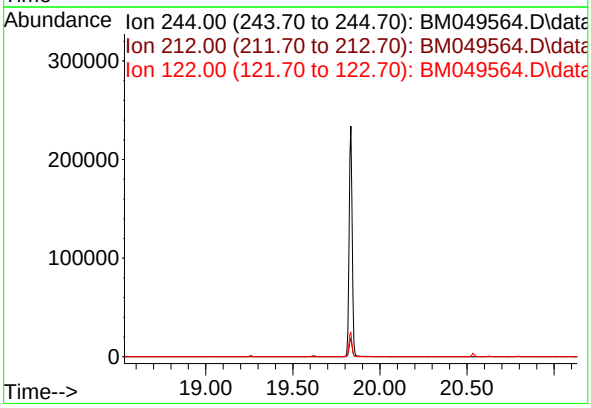


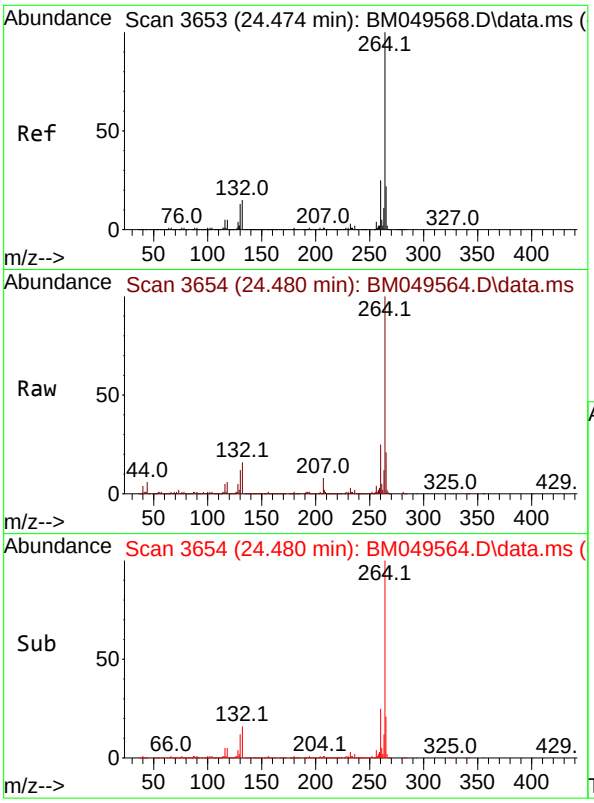
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.83 min

Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.2
122	7.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.480 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM049564.D
Acq: 05 Feb 2025 11:05

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1031423

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	20.9	17.5	26.3