Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101525\
Data File : BP025972.D
Acq On : 15 Oct 2025 11:45
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 15 23:05:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:04:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.707	152	143714	20.000	ng	0.01
21) Naphthalene-d8	10.466	136	639828	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	458338	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	924054	20.000	ng	0.00
76) Chrysene-d12	21.571	240	868739	20.000	ng	-0.01
86) Perylene-d12	24.912	264	821503	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...	8.513	70	19941	2.287	ng	94

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

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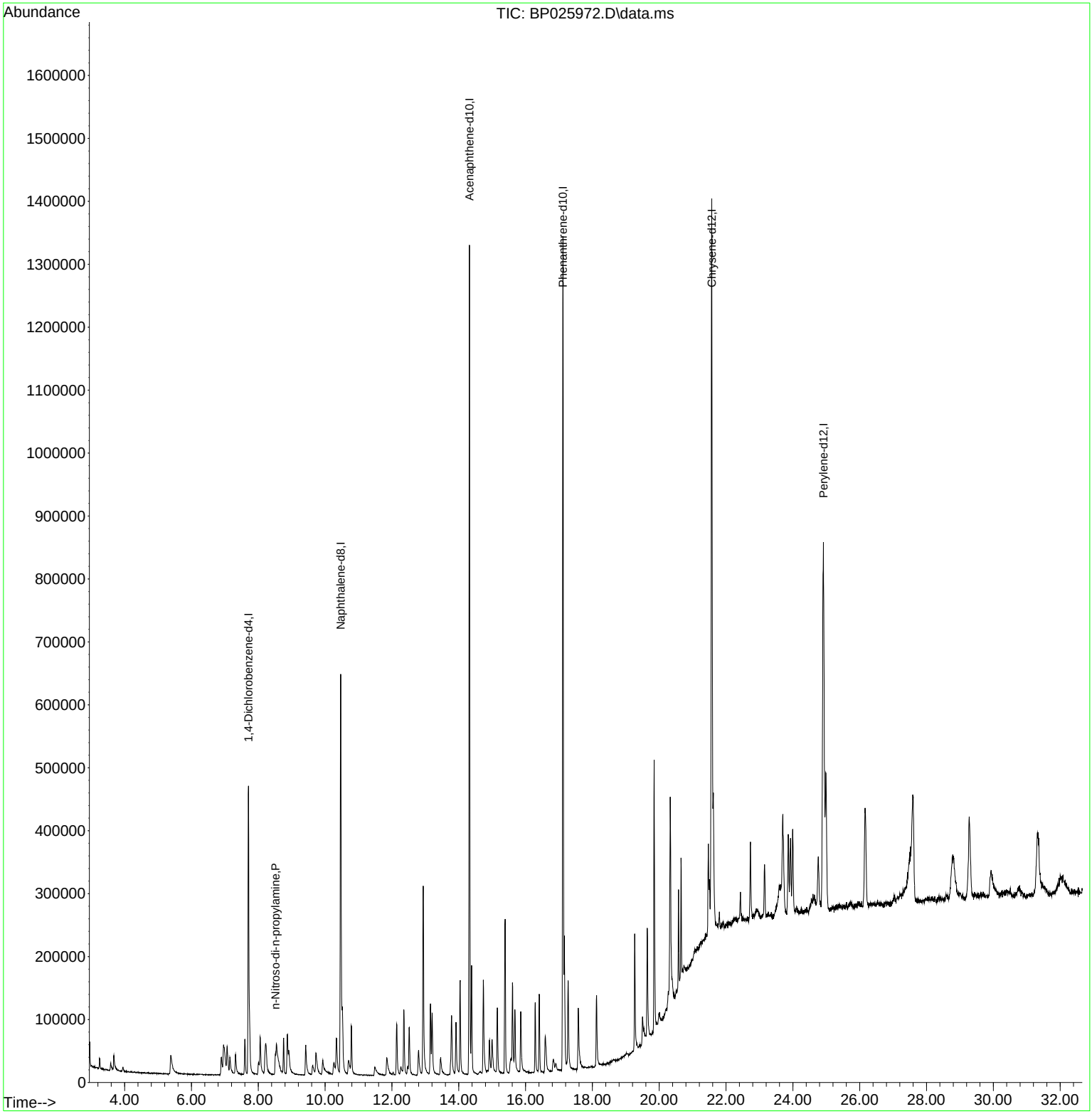
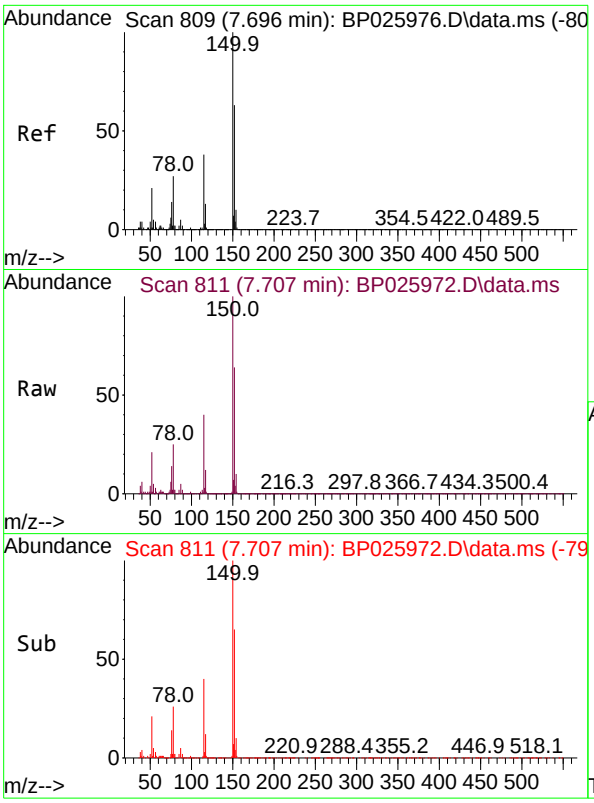


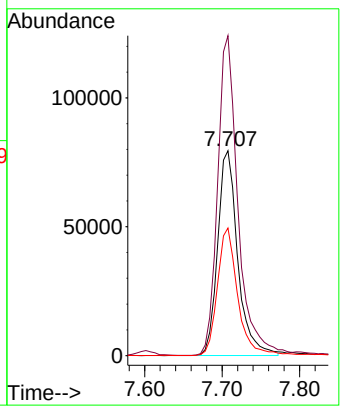


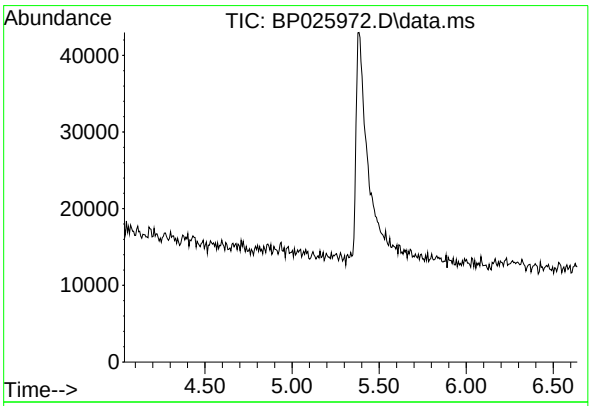
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.707 min Scan# 8
Delta R.T. 0.011 min
Lab File: BP025972.D
Acq: 15 Oct 2025 11:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 143714

Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.3	190.9
115	62.3	48.7	73.1



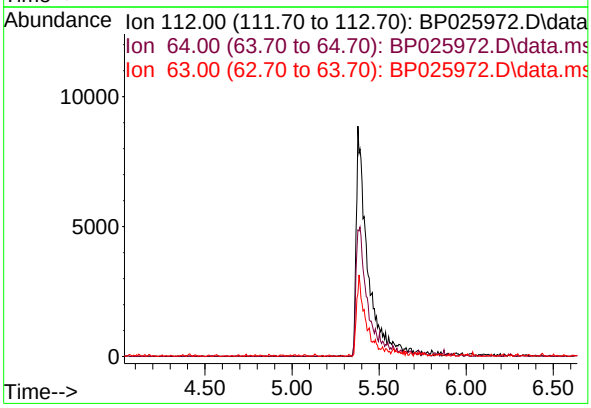


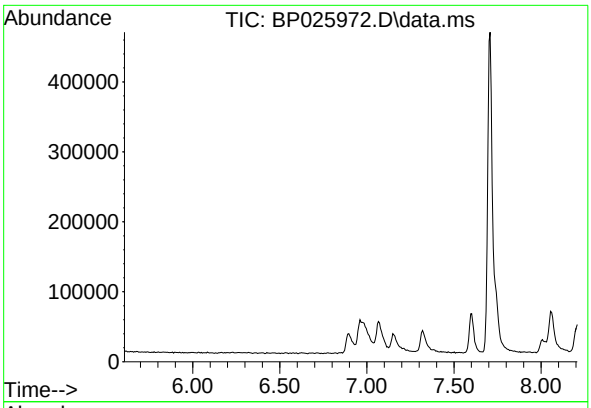
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.34 min

Lab File: BP025972.D
Acq: 15 Oct 2025 11:45

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	62.4
63	31.1





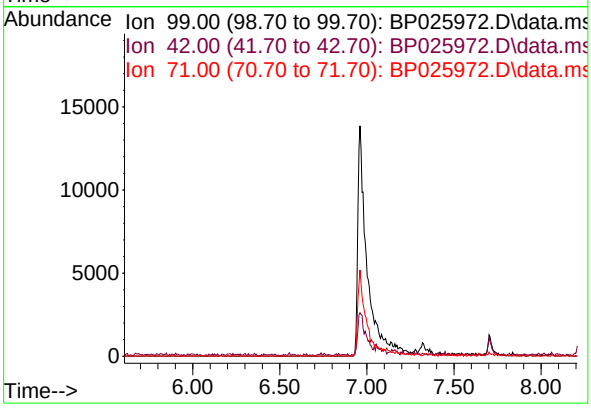
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.91 min

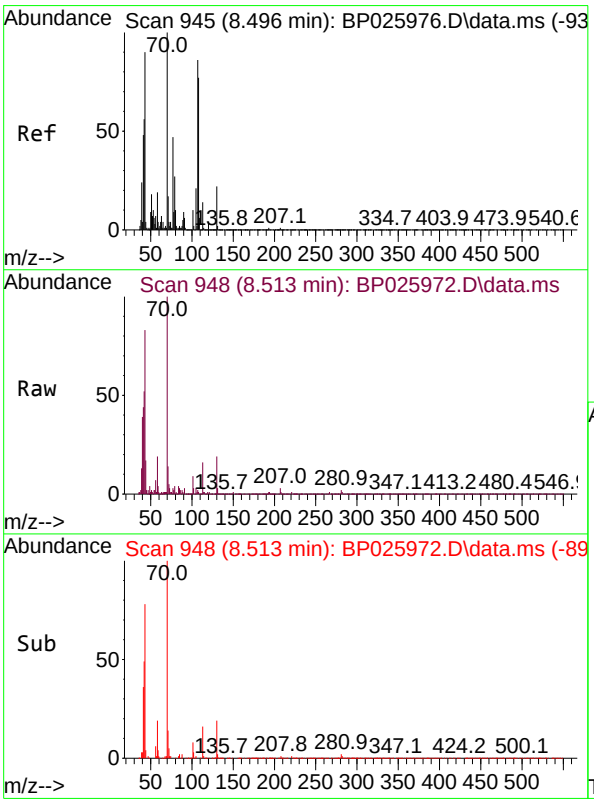
Lab File: BP025972.D
Acq: 15 Oct 2025 11:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	17.8
71	36.7

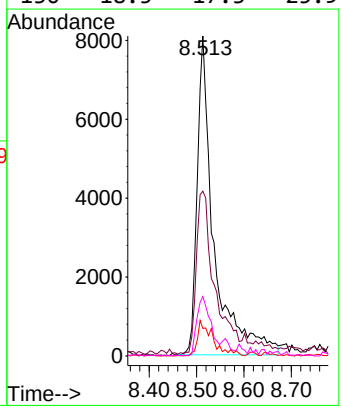


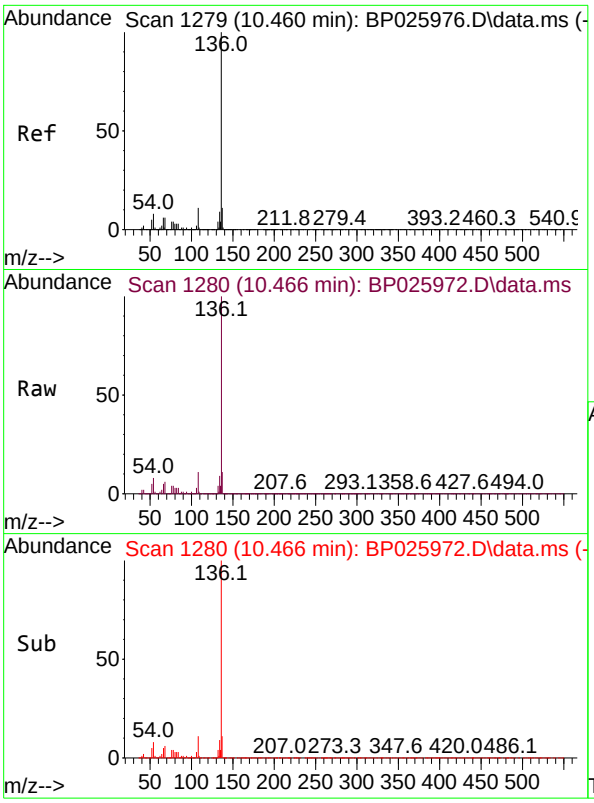


#19
n-Nitroso-di-n-propylamine
Concen: 2.287 ng
RT: 8.513 min Scan# 948
Delta R.T. 0.018 min
Lab File: BP025972.D
Acq: 15 Oct 2025 11:45

Tgt Ion: 70 Resp: 19941

Ion	Ratio	Lower	Upper
70	100		
42	51.5	45.2	67.8
101	8.6	7.9	11.9
130	18.5	17.3	25.9



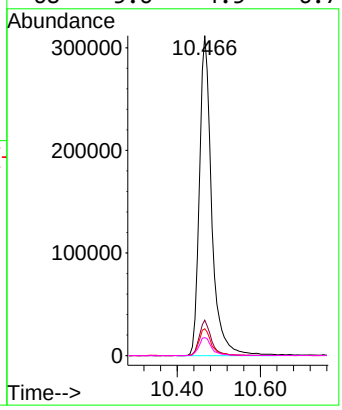


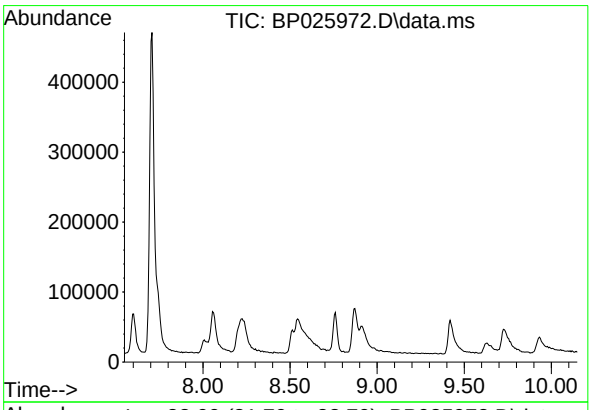
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.466 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025972.D
Acq: 15 Oct 2025 11:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 639828

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.4	6.8	10.2
68	5.6	4.5	6.7



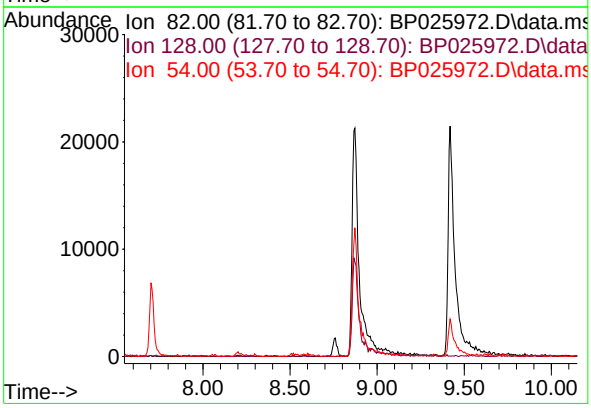


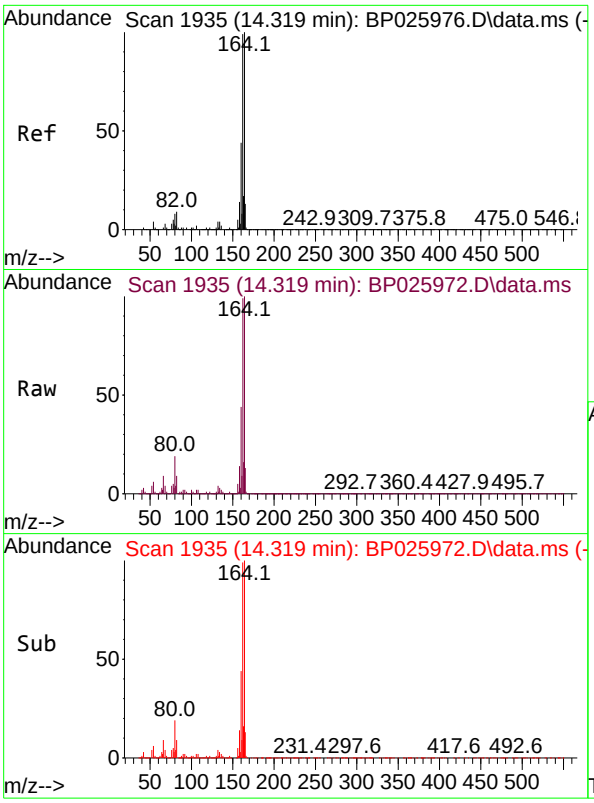
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.85 min

Lab File: BP025972.D
Acq: 15 Oct 2025 11:45

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	42.0
54	50.8



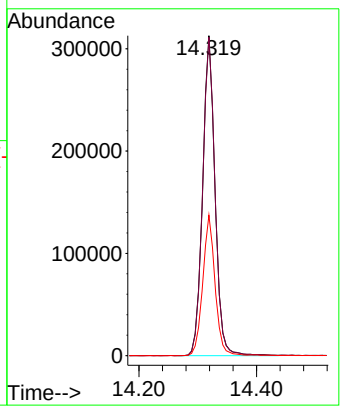


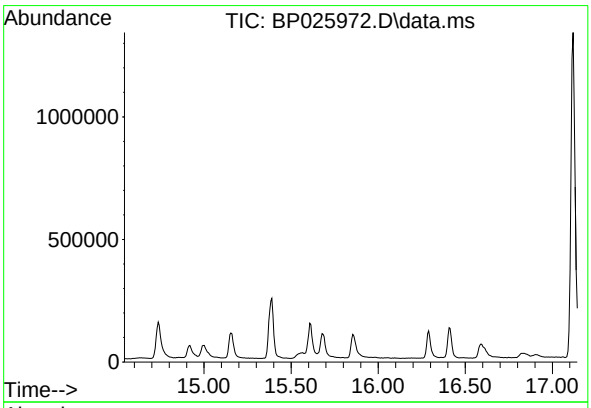
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025972.D
Acq: 15 Oct 2025 11:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 458338

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.3	118.9
160	43.9	35.4	53.0



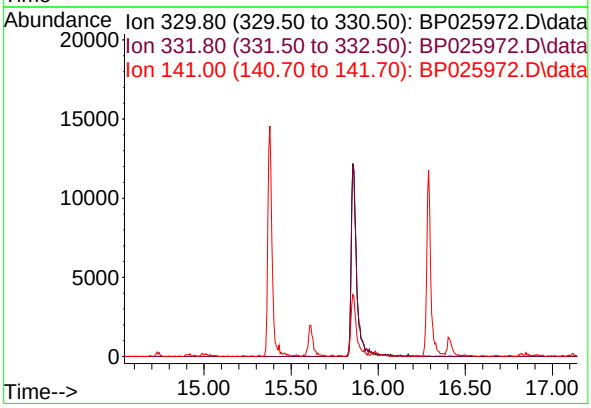


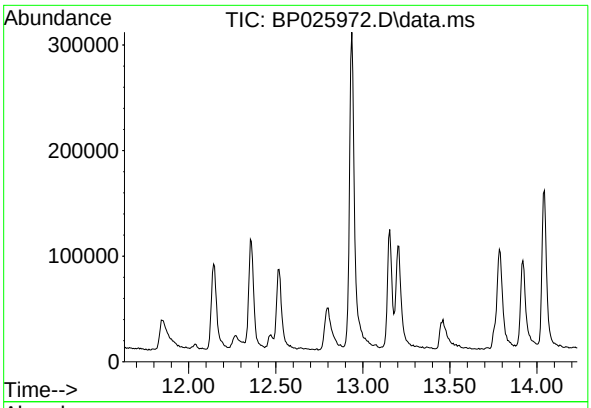
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.84 min

Lab File: BP025972.D
Acq: 15 Oct 2025 11:45

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.3
141	32.0





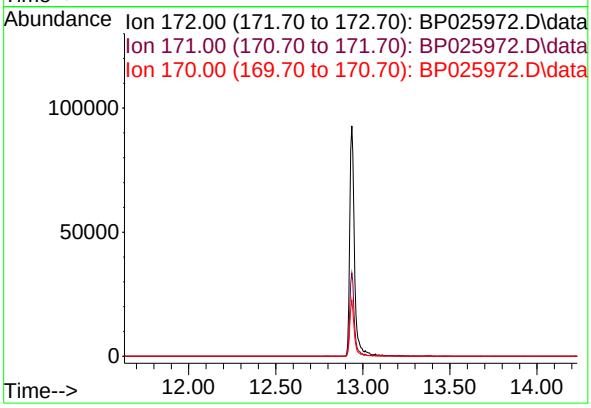
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.93 min

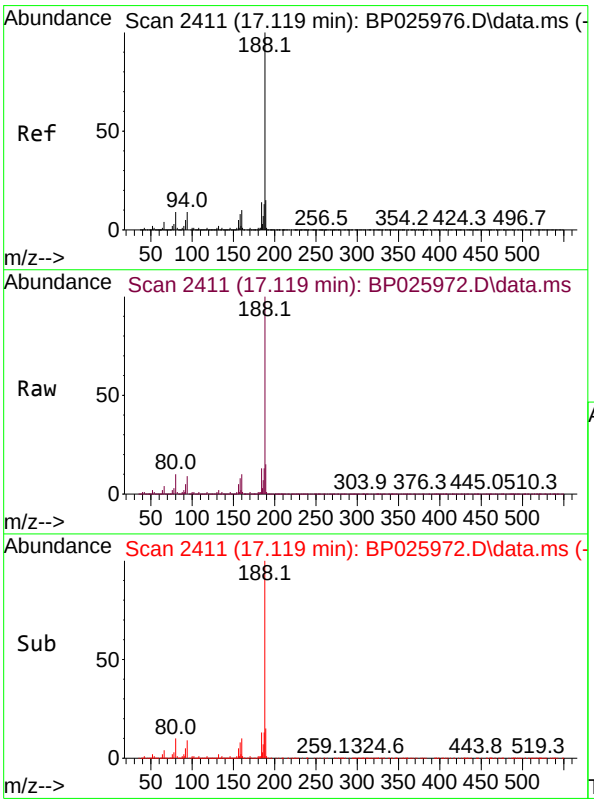
Lab File: BP025972.D
Acq: 15 Oct 2025 11:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	34.8
170	23.1

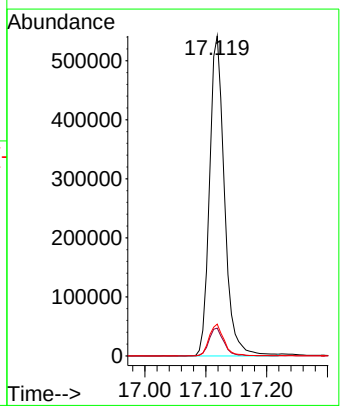


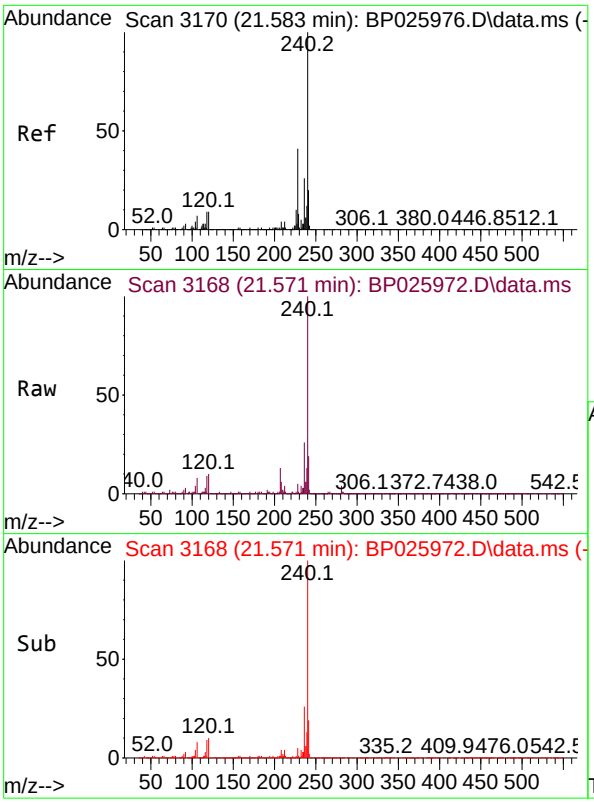


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BP025972.D
Acq: 15 Oct 2025 11:45

Tgt Ion:188 Resp: 924054

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.8	10.2
80	9.9	7.2	10.8



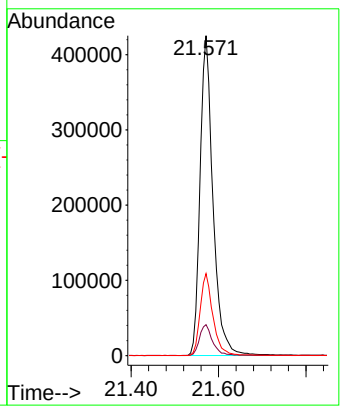


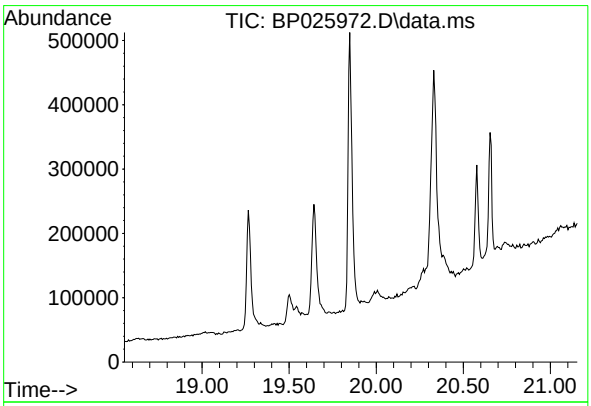
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025972.D
Acq: 15 Oct 2025 11:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 868739

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.4	11.0
236	25.6	20.4	30.6



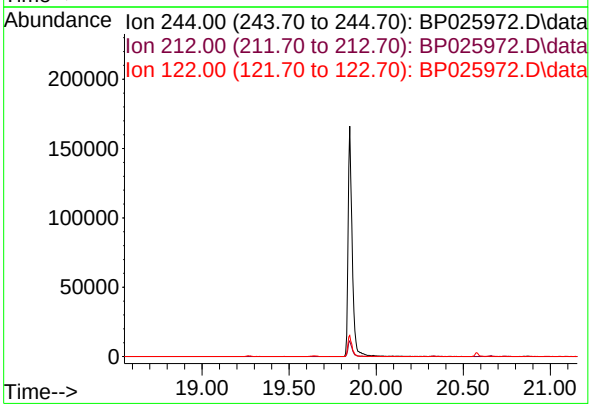


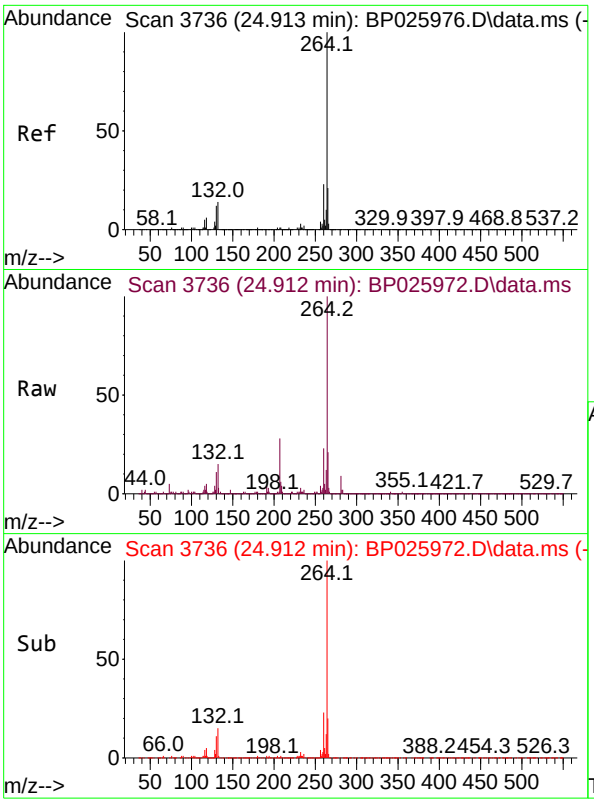
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.85 min

Lab File: BP025972.D
Acq: 15 Oct 2025 11:45

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.1
122	8.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025972.D
Acq: 15 Oct 2025 11:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 821503

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	21.4	17.7	26.5