Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025458.D
Acq On : 18 Aug 2025 12:47
Operator : CG/JU
Sample : Q2864-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 18 13:09:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	128442	20.000	ng	-0.01
21) Naphthalene-d8	10.555	136	492363	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	296040	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	610617	20.000	ng	0.00
76) Chrysene-d12	21.625	240	702047	20.000	ng	-0.02
86) Perylene-d12	24.989	264	838587	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	472023	61.030	ng	0.00
7) Phenol-d6	6.961	99	370036	37.317	ng	0.00
23) Nitrobenzene-d5	8.925	82	815714	83.807	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	530008	133.010	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1726000	79.682	ng	0.00
79) Terphenyl-d14	19.919	244	2831902	73.801	ng	0.00
Target Compounds						Qvalue
63) Azobenzene	15.778	77	51518	2.731	ng	# 1
80) Butylbenzylphthalate	20.642	149	249604	12.070	ng	98

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

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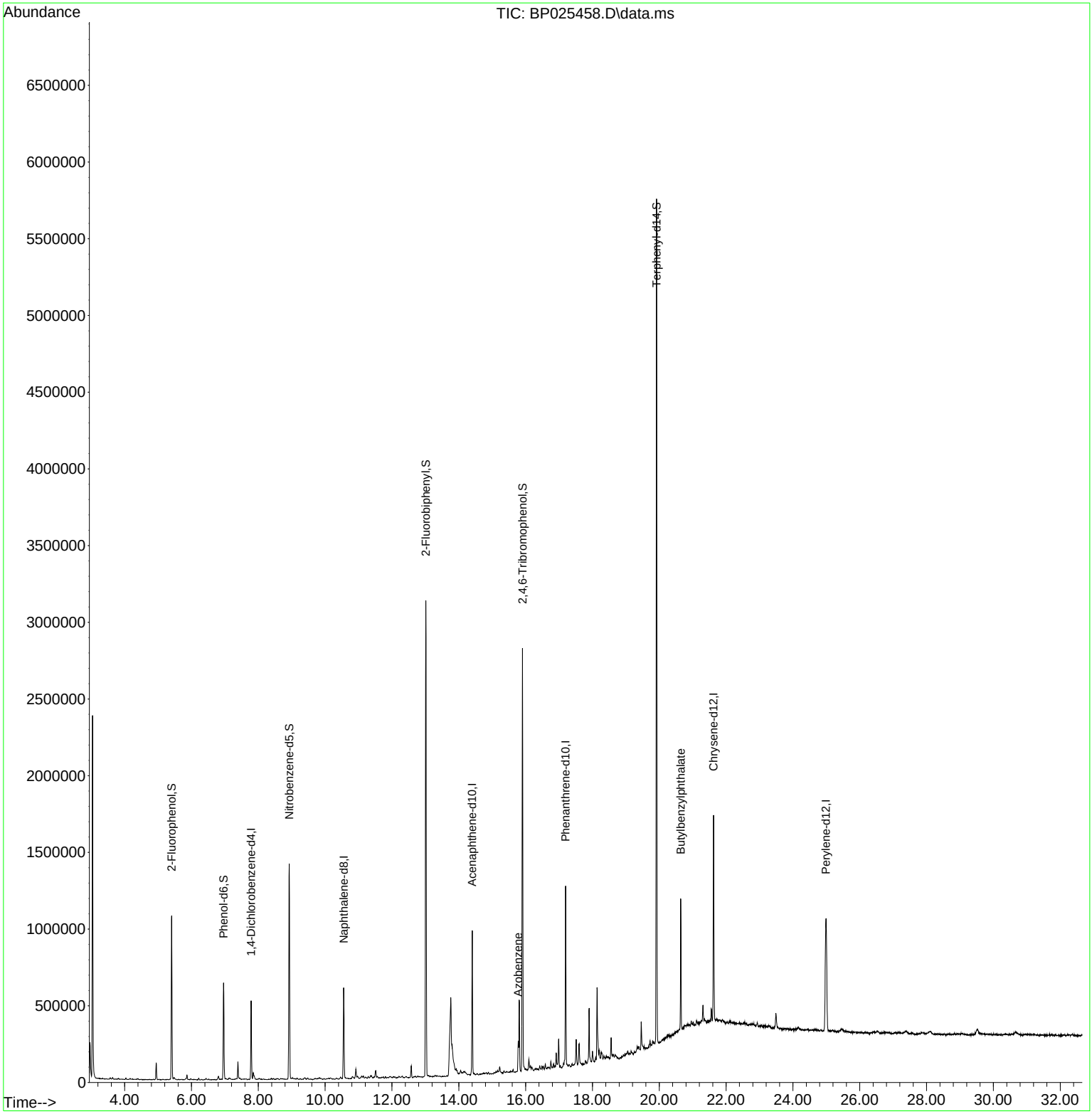
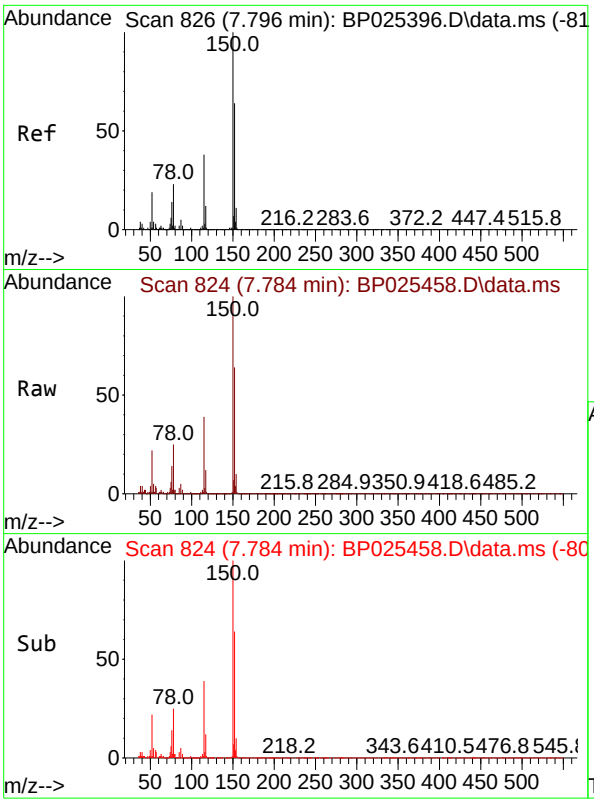


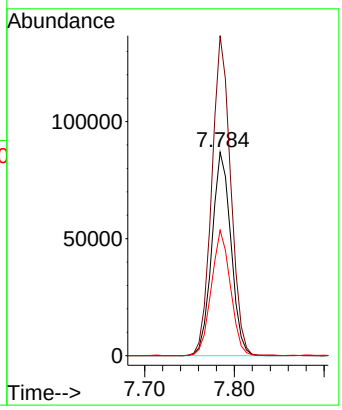


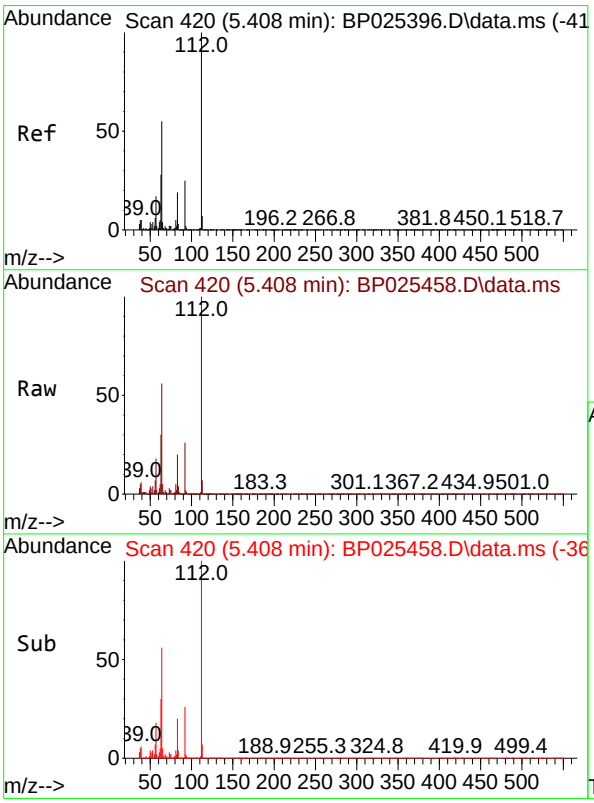
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 128442

Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.9	188.9
115	61.6	48.5	72.7

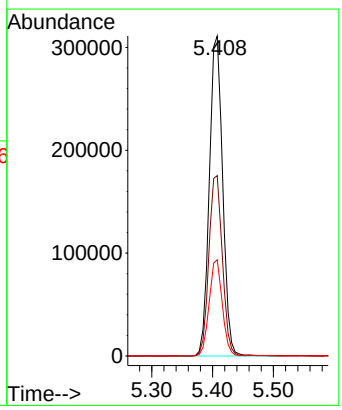


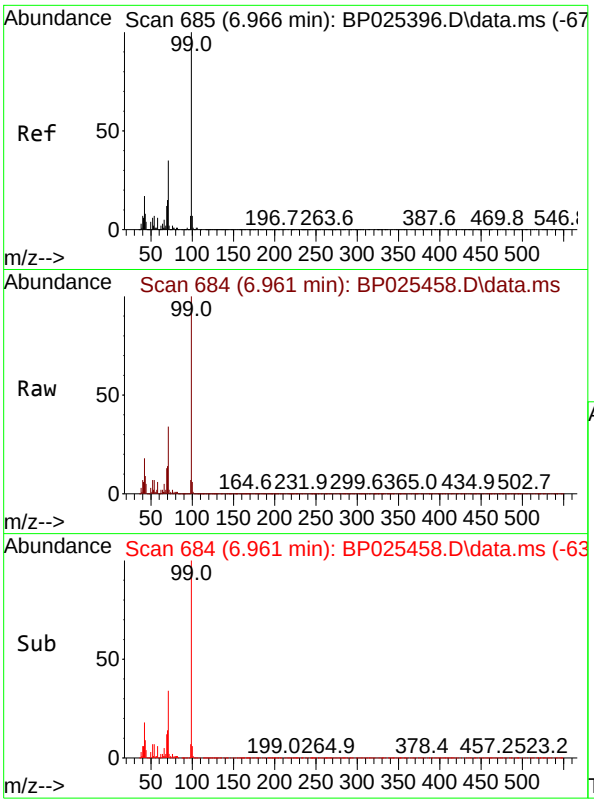


#5
2-Fluorophenol
Concen: 61.030 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Tgt Ion:112 Resp: 472023

Ion	Ratio	Lower	Upper
112	100		
64	56.3	43.8	65.8
63	30.1	22.7	34.1



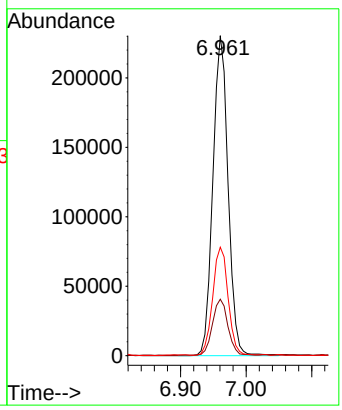


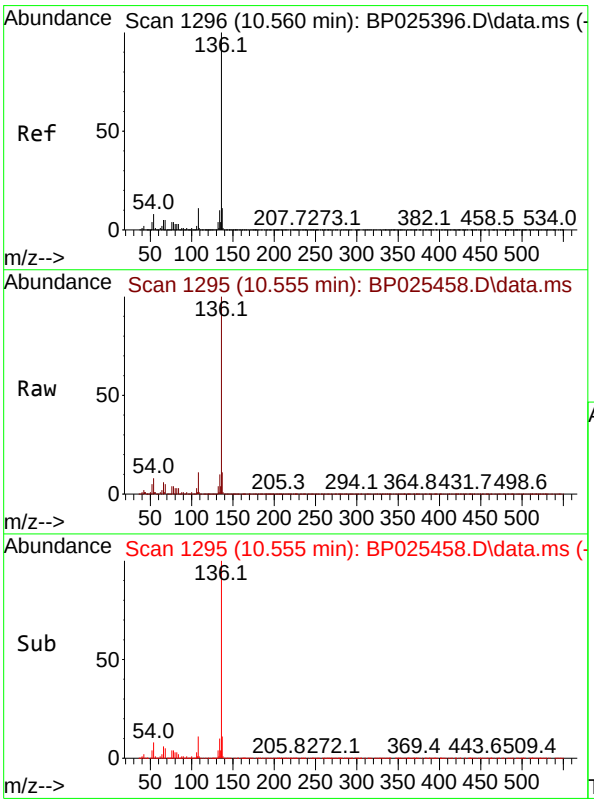
#7
Phenol-d6
Concen: 37.317 ng
RT: 6.961 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 370036

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.7	20.5
71	33.9	28.2	42.4

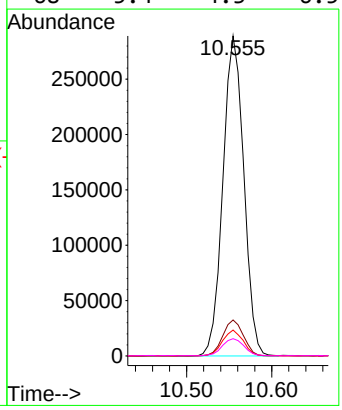


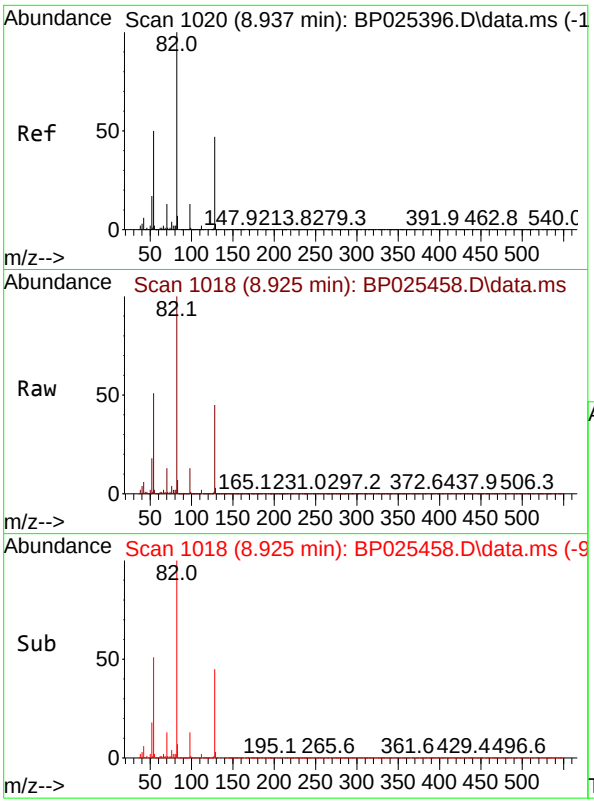


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.555 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Tgt Ion:136 Resp: 492363

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.1	6.0	9.0
68	5.4	4.3	6.5



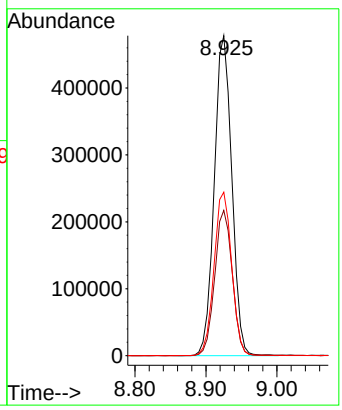


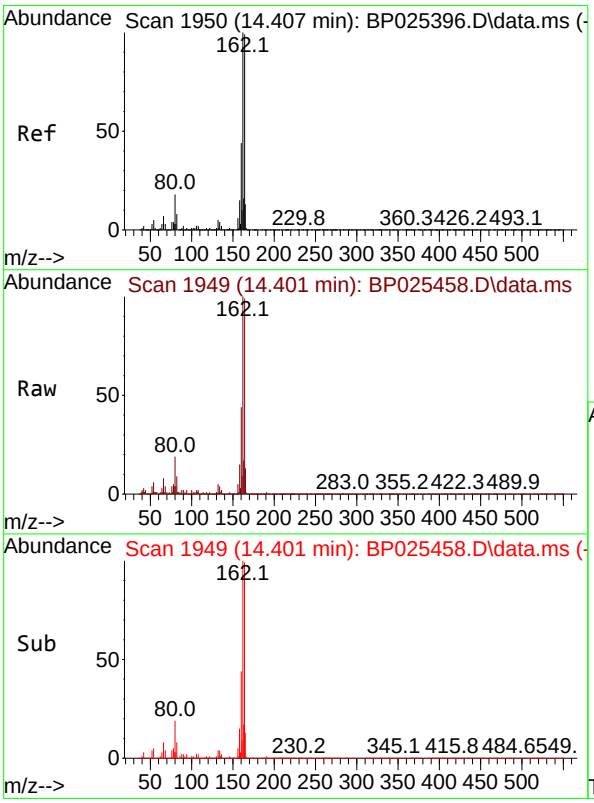
#23
Nitrobenzene-d5
Concen: 83.807 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 815714

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.7	56.5
54	51.1	39.8	59.6

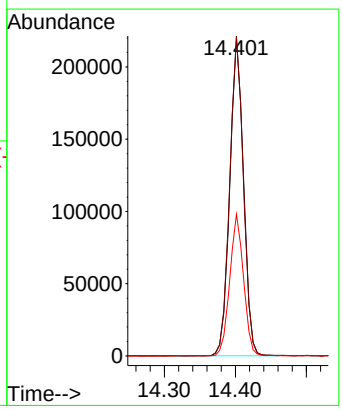


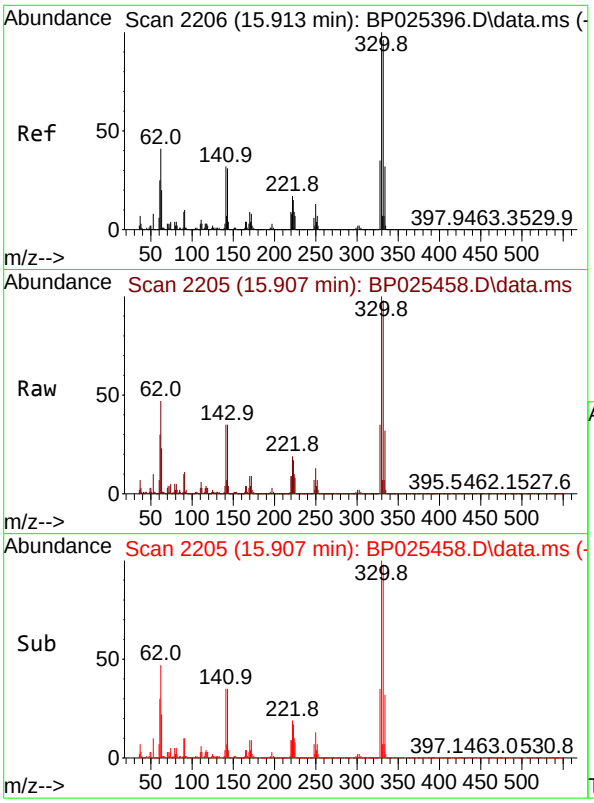


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Tgt Ion:164 Resp: 296040

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.0	121.6
160	44.6	35.4	53.2



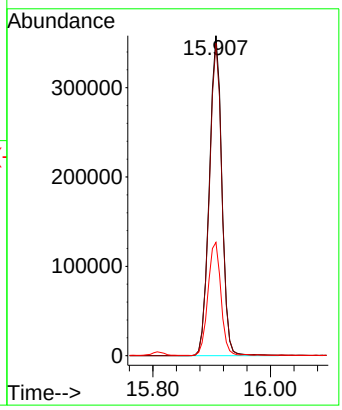


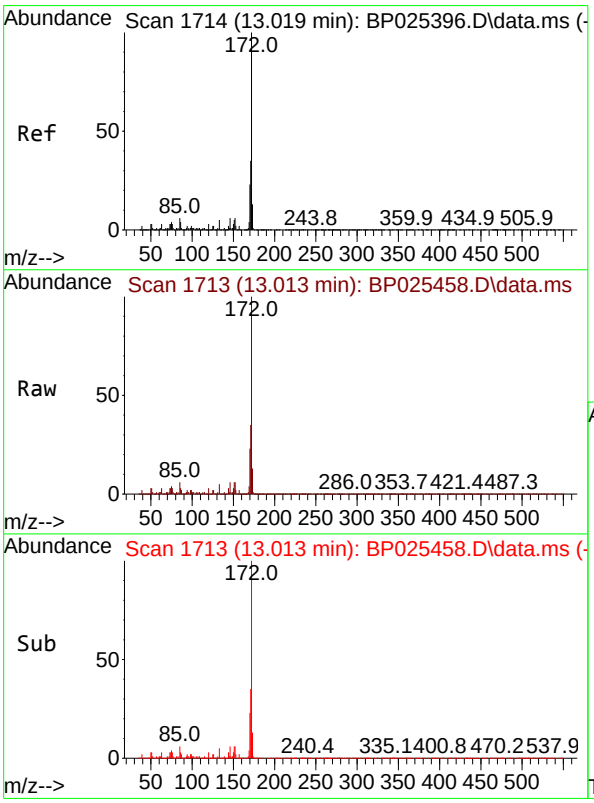
#42
2,4,6-Tribromophenol
Concen: 133.010 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 530008

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	36.3	26.6	39.8

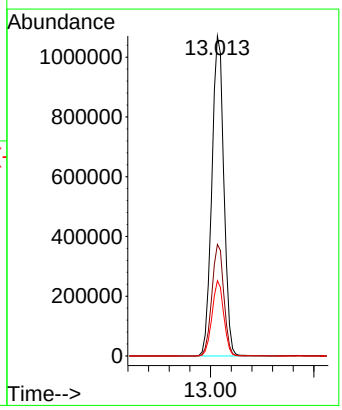


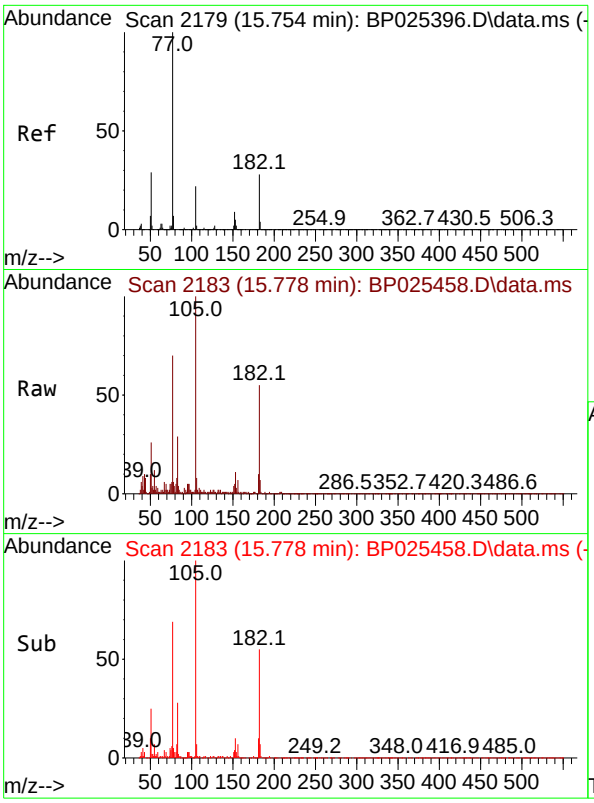


#45
2-Fluorobiphenyl
Concen: 79.682 ng
RT: 13.013 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Tgt Ion:172 Resp: 1726000

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.5	18.6	28.0



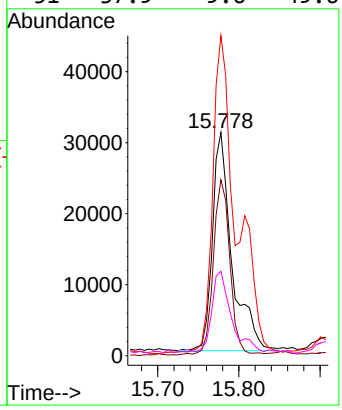


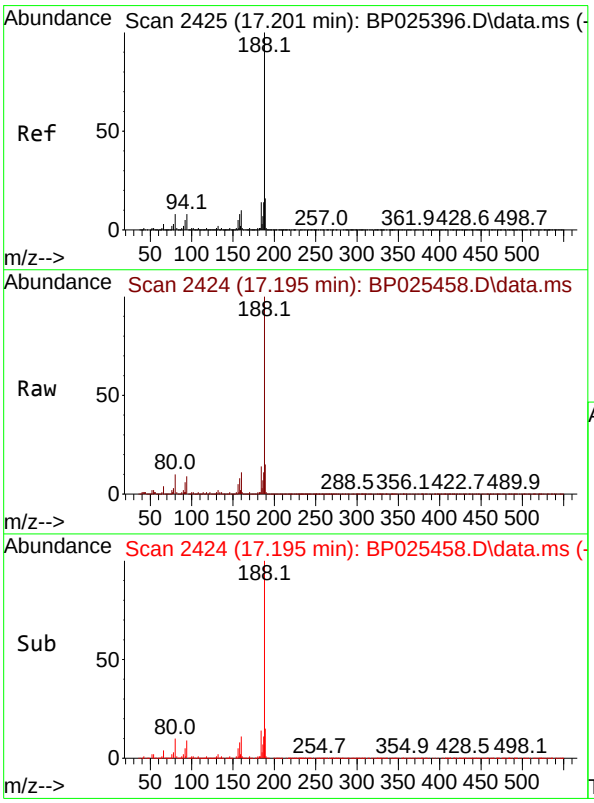
#63
Azobenzene
Concen: 2.731 ng
RT: 15.778 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 77 Resp: 51518

Ion	Ratio	Lower	Upper
77	100		
182	78.8	7.5	47.5#
105	143.3	2.1	42.1#
51	37.9	9.6	49.6

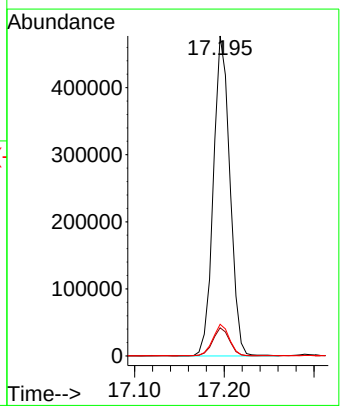


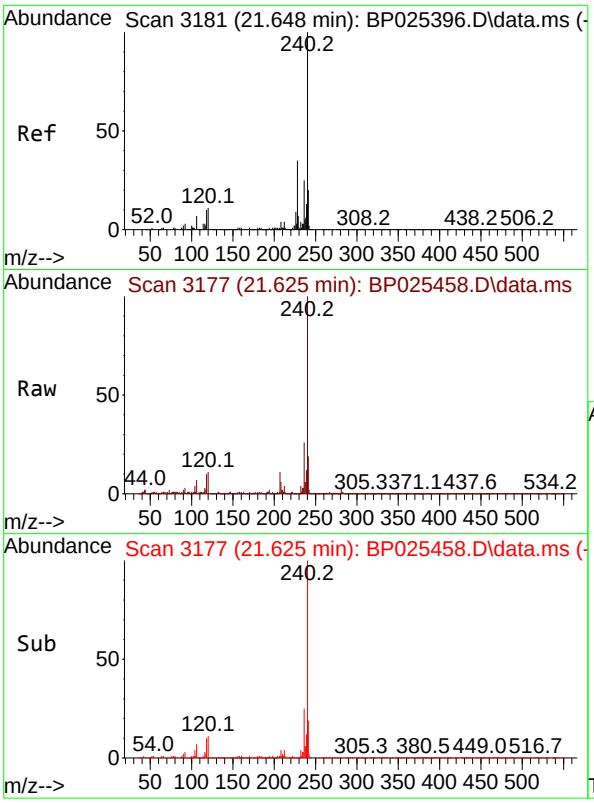


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Tgt Ion:188 Resp: 610617

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.9	6.7	10.1



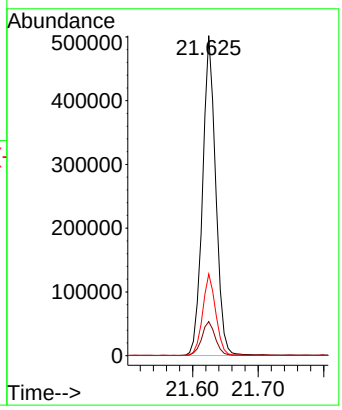


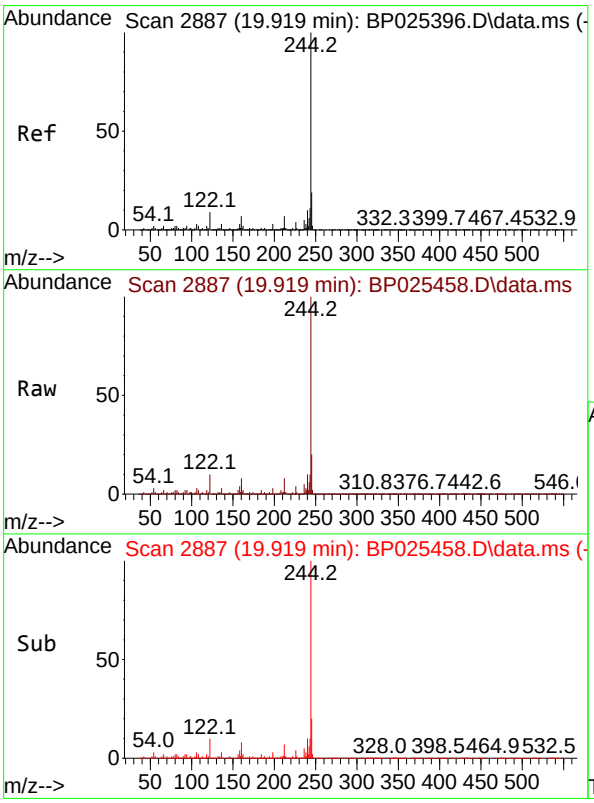
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 702047

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	25.5	19.8	29.8

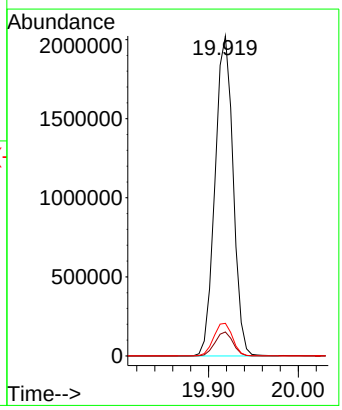


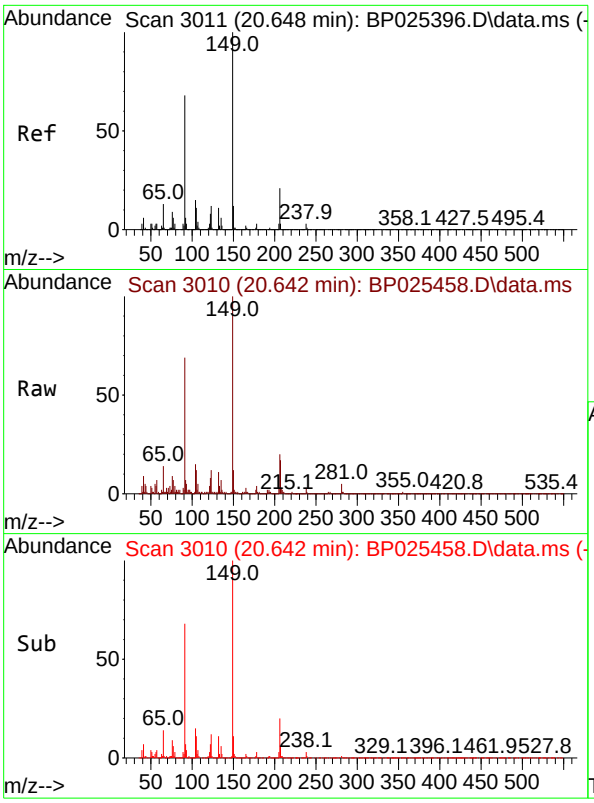


#79
Terphenyl-d14
Concen: 73.801 ng
RT: 19.919 min Scan# 2887
Delta R.T. 0.000 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Tgt Ion:244 Resp: 2831902

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	10.2	7.4	11.2



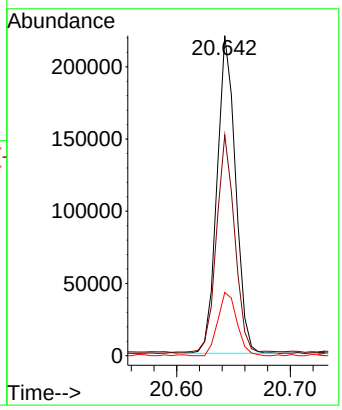


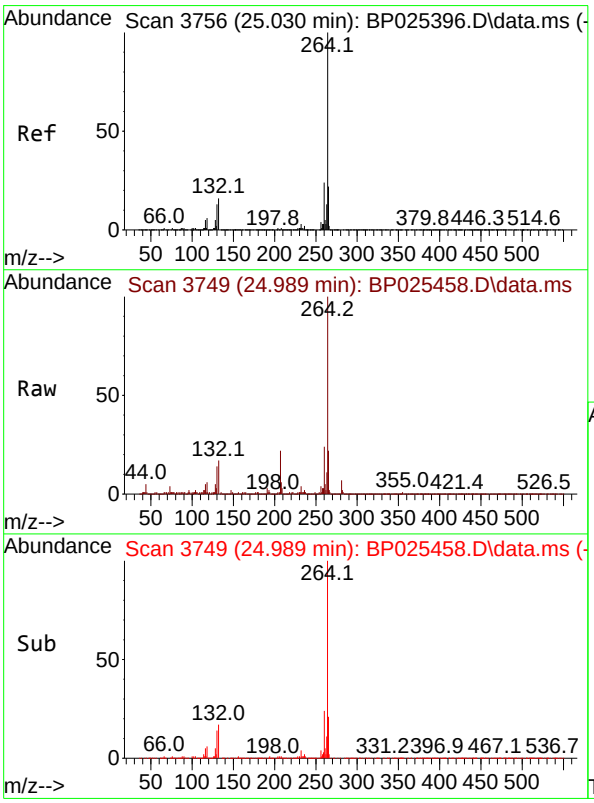
#80
Butylbenzylphthalate
Concen: 12.070 ng
RT: 20.642 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 249604

Ion	Ratio	Lower	Upper
149	100		
91	68.9	54.2	81.2
206	19.7	16.6	24.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.041 min
Lab File: BP025458.D
Acq: 18 Aug 2025 12:47

Tgt Ion:264 Resp: 838587

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	22.4	17.4	26.0