Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025501.D
Acq On : 20 Aug 2025 09:19
Operator : CG/JU
Sample : Q2820-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
10P-W

Quant Time: Aug 20 11:49:29 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	145357	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	568025	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	384903	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	795577	20.000	ng	0.00
76) Chrysene-d12	21.648	240	860315	20.000	ng	0.00
86) Perylene-d12	25.012	264	920578	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	794638	90.787	ng	0.00
7) Phenol-d6	6.966	99	1034035	92.145	ng	0.00
23) Nitrobenzene-d5	8.925	82	660777	58.846	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	501054	96.713	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1564138	55.538	ng	0.00
79) Terphenyl-d14	19.924	244	2591032	55.102	ng	0.00
Target Compounds						Qvalue
63) Azobenzene	15.778	77	144022	5.873	ng	# 1

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

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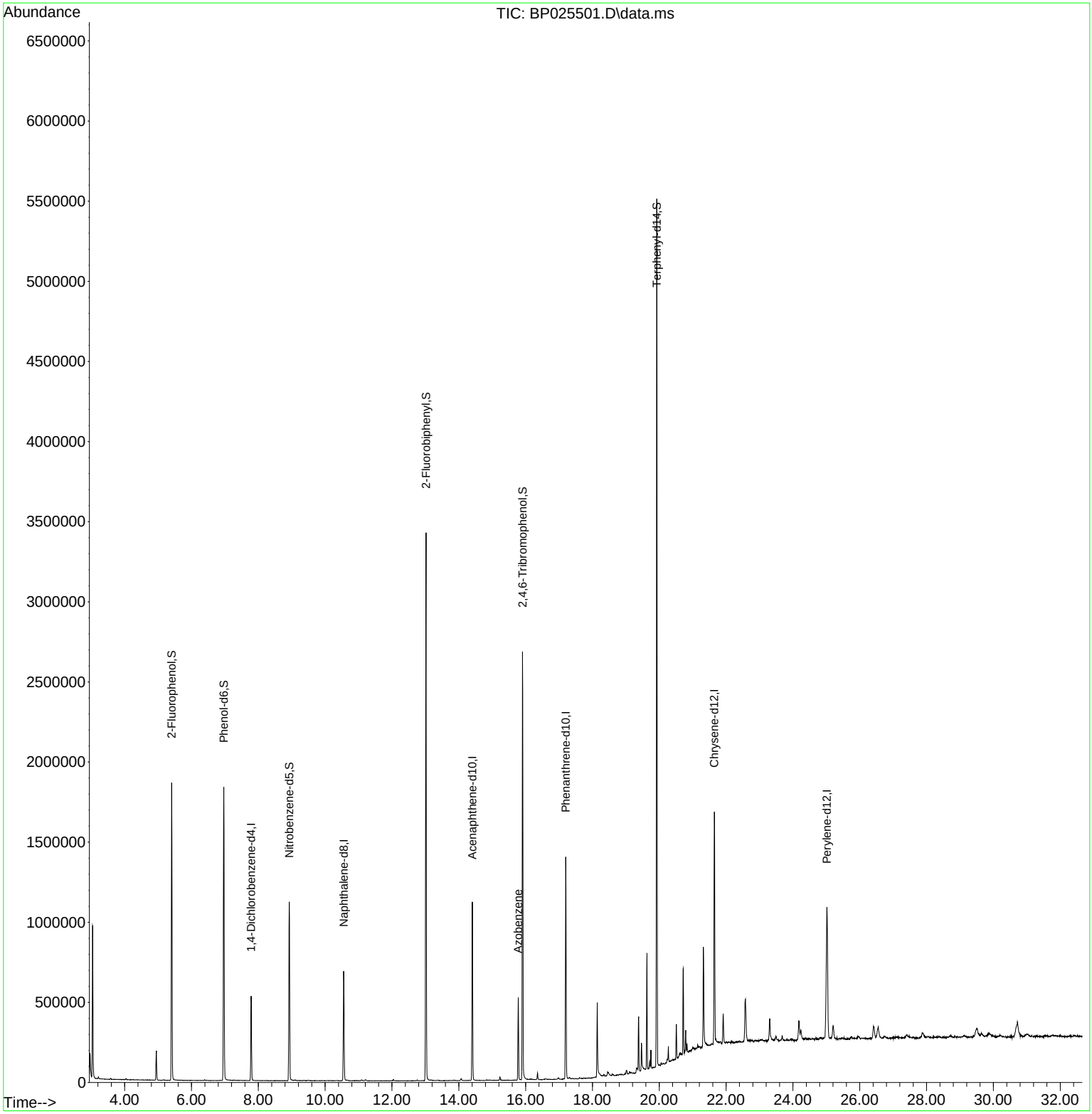
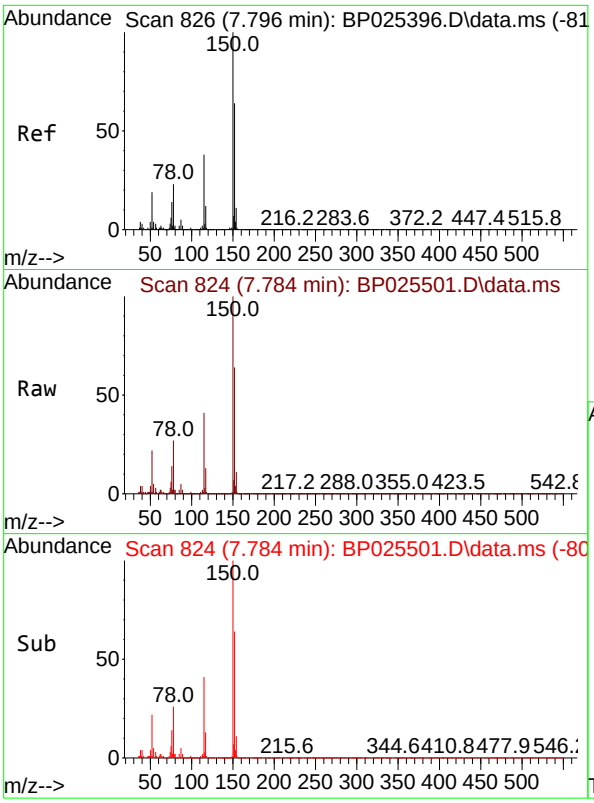


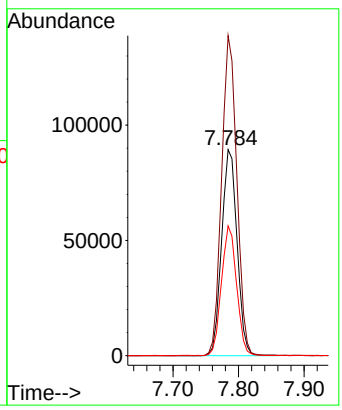


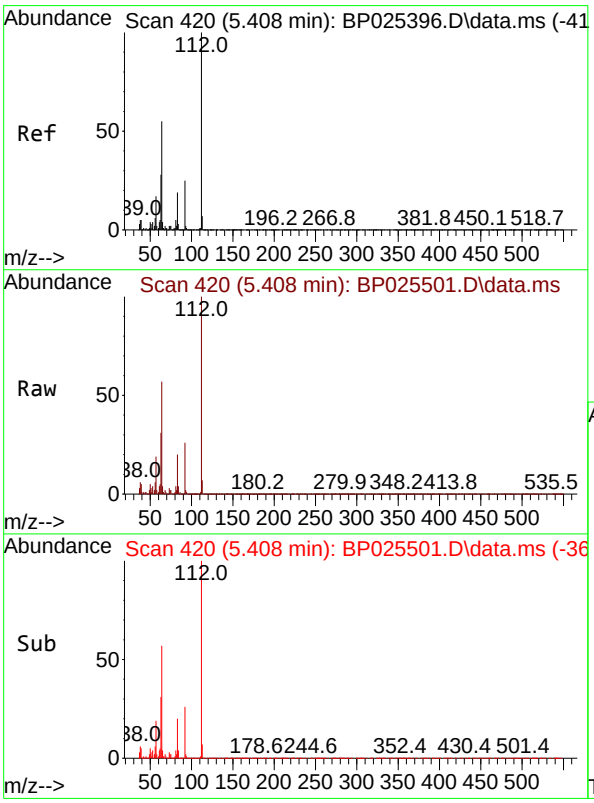
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

Instrument :
BNA_P
ClientSampleId :
10P-W

Tgt Ion:152 Resp: 145357

Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.9	188.9
115	63.0	48.5	72.7

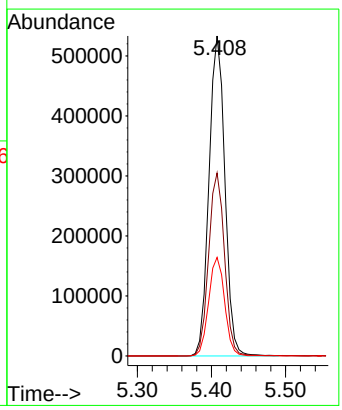


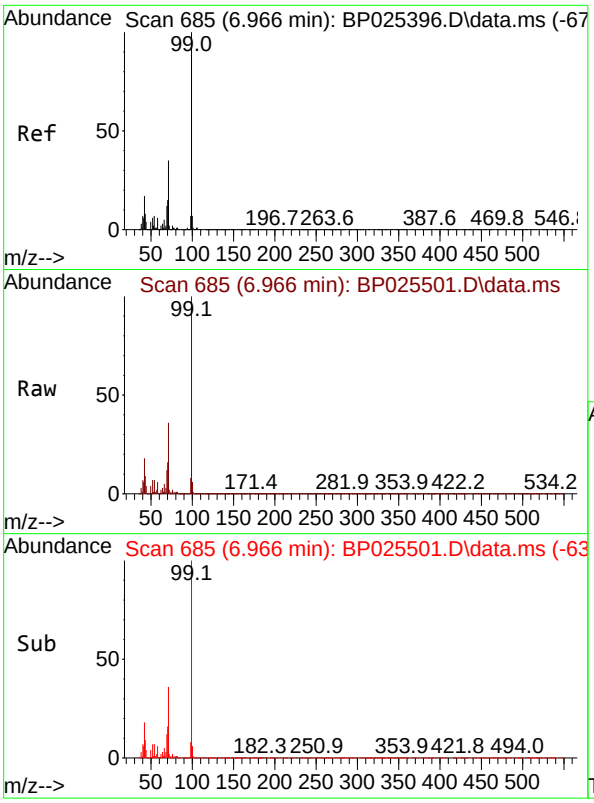


#5
2-Fluorophenol
Concen: 90.787 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

Tgt Ion:112 Resp: 794638

Ion	Ratio	Lower	Upper
112	100		
64	57.2	43.8	65.8
63	30.8	22.7	34.1



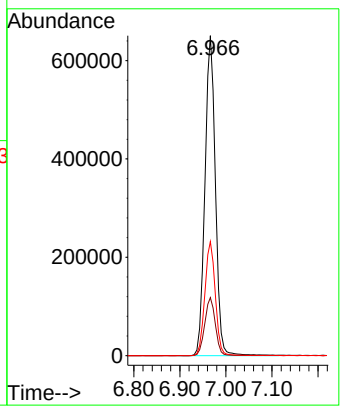


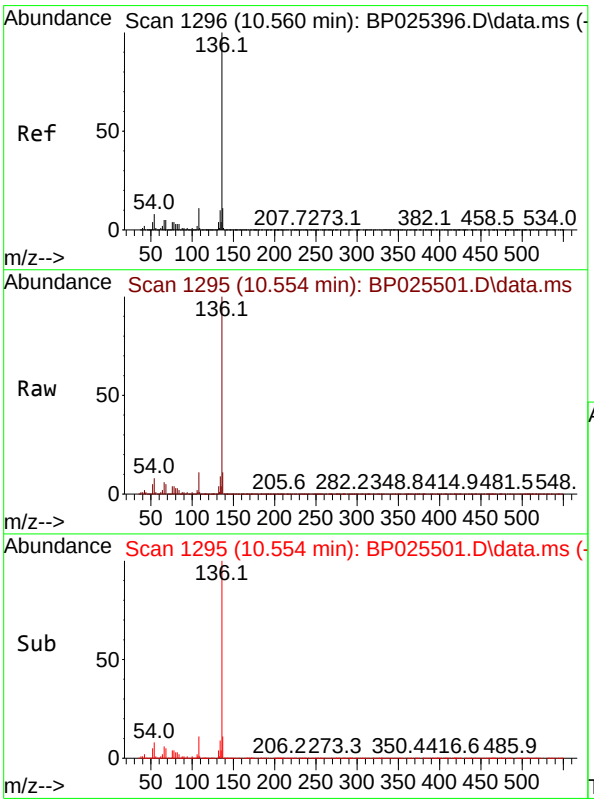
#7
Phenol-d6
Concen: 92.145 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

Instrument :
BNA_P
ClientSampleId :
10P-W

Tgt Ion: 99 Resp: 1034035

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.7	20.5
71	35.7	28.2	42.4

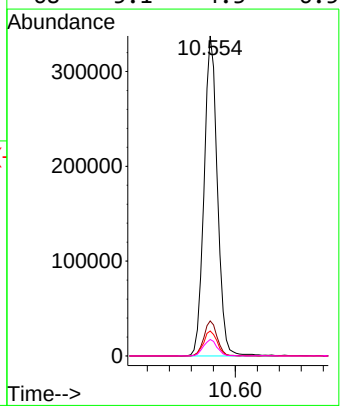


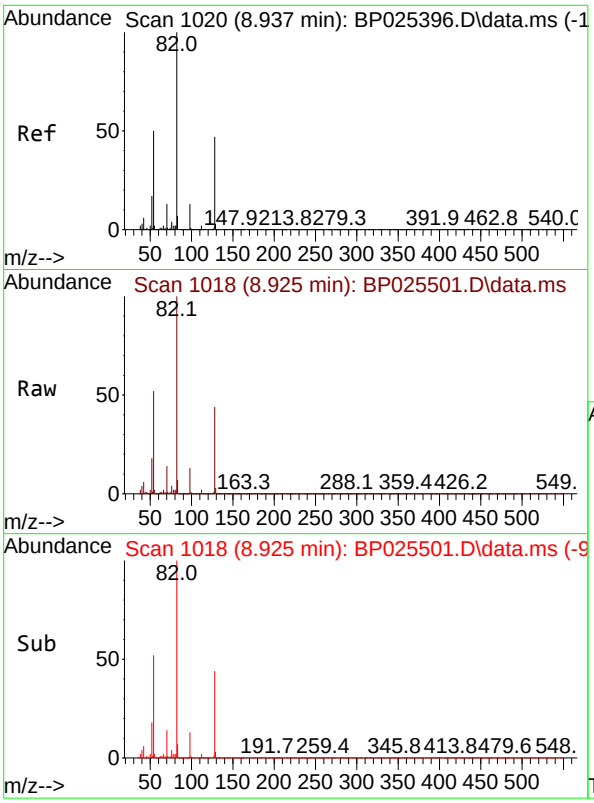


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

Tgt Ion:136 Resp: 568025

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.8	6.0	9.0
68	5.1	4.3	6.5



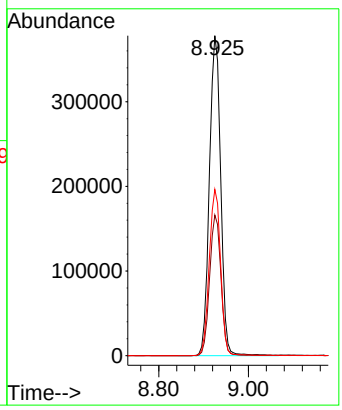


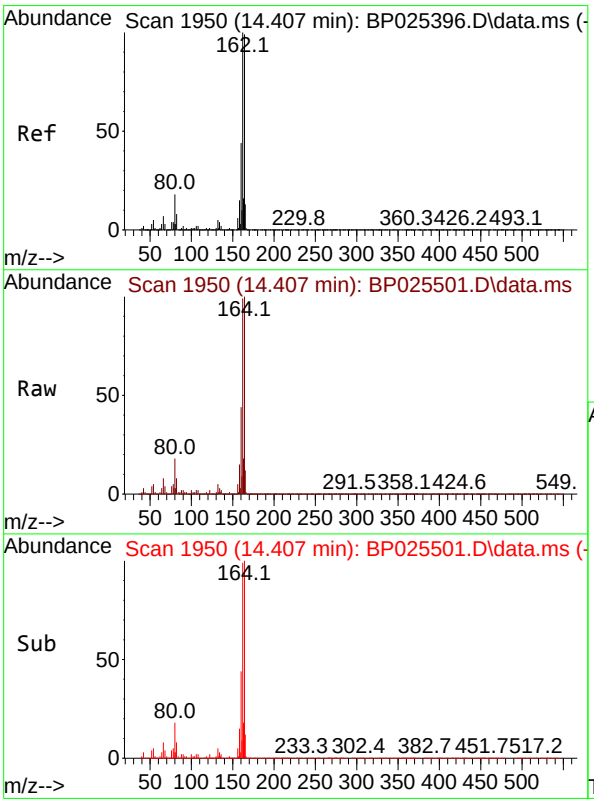
#23
Nitrobenzene-d5
Concen: 58.846 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

Instrument :
BNA_P
ClientSampleId :
10P-W

Tgt Ion: 82 Resp: 660777

Ion	Ratio	Lower	Upper
82	100		
128	43.9	37.7	56.5
54	51.9	39.8	59.6

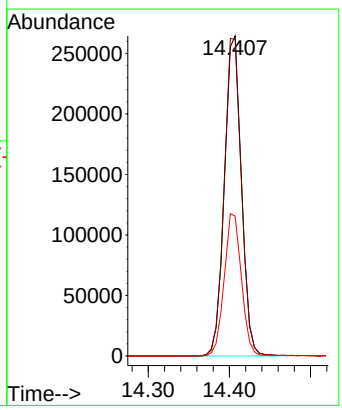


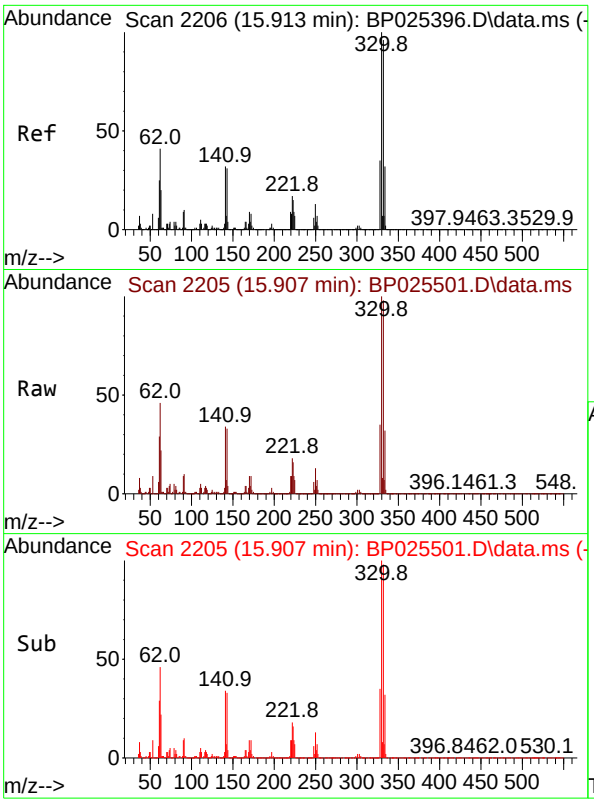


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

Tgt Ion:164 Resp: 384903

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.0	121.6
160	43.7	35.4	53.2



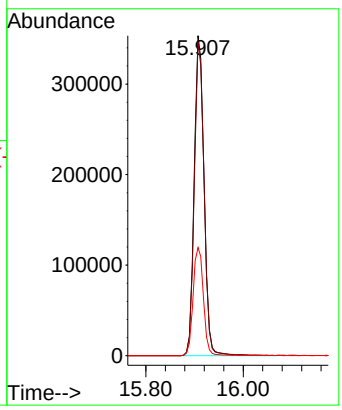


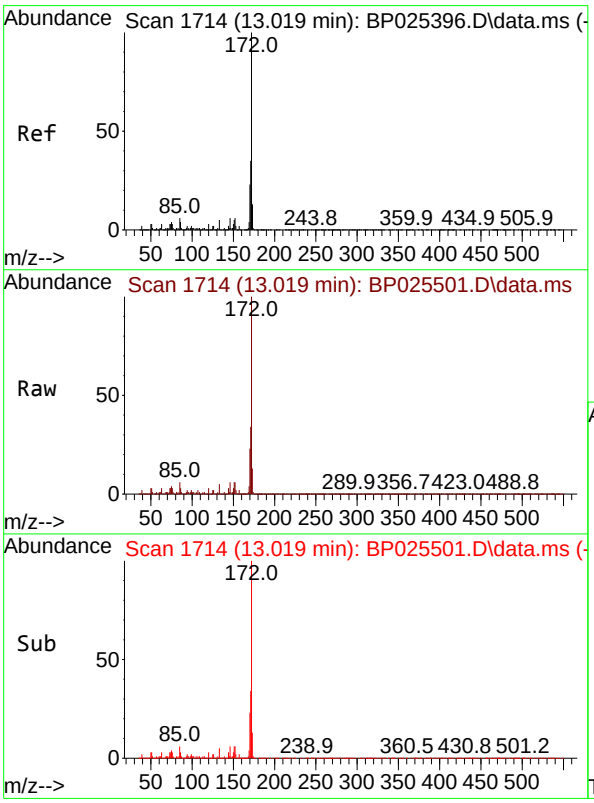
#42
2,4,6-Tribromophenol
Concen: 96.713 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

Instrument :
BNA_P
ClientSampleId :
10P-W

Tgt Ion:330 Resp: 501054

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	35.4	26.6	39.8

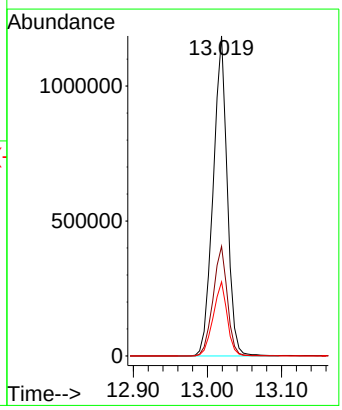


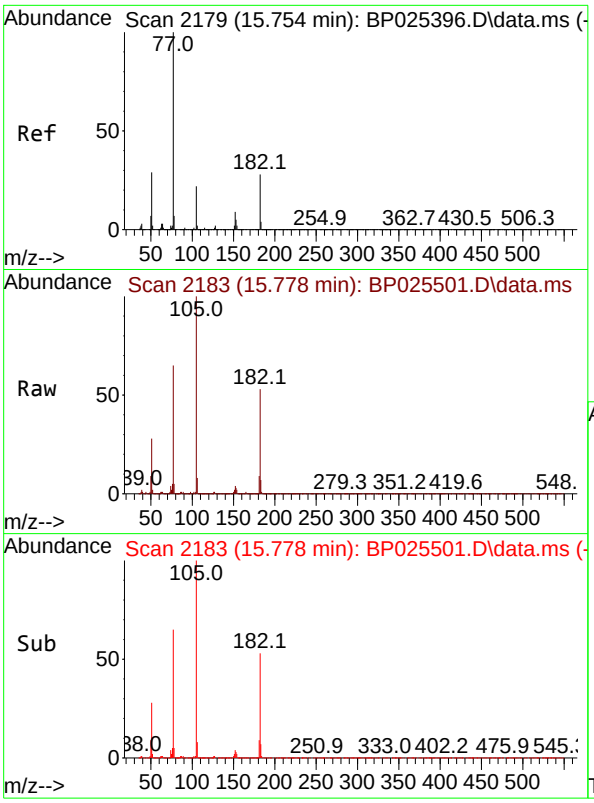


#45
2-Fluorobiphenyl
Concen: 55.538 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

Tgt Ion:172 Resp: 1564138

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.1	42.1
170	23.1	18.6	28.0



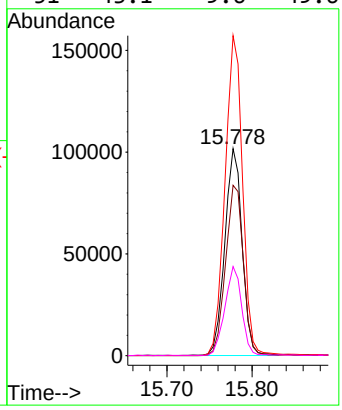


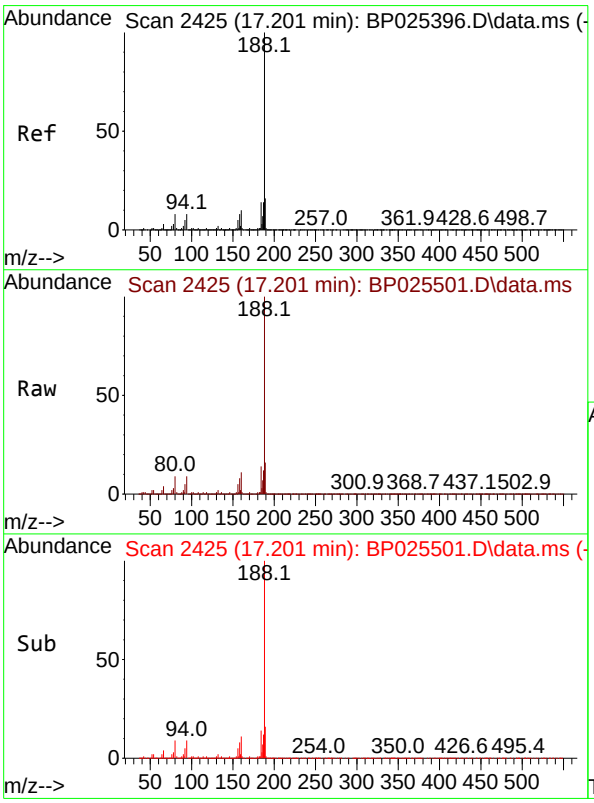
#63
Azobenzene
Concen: 5.873 ng
RT: 15.778 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

Instrument :
BNA_P
ClientSampleId :
10P-W

Tgt Ion: 77 Resp: 144022

Ion	Ratio	Lower	Upper
77	100		
182	82.3	7.5	47.5#
105	154.6	2.1	42.1#
51	43.1	9.6	49.6

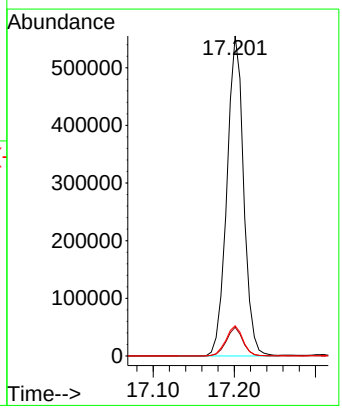


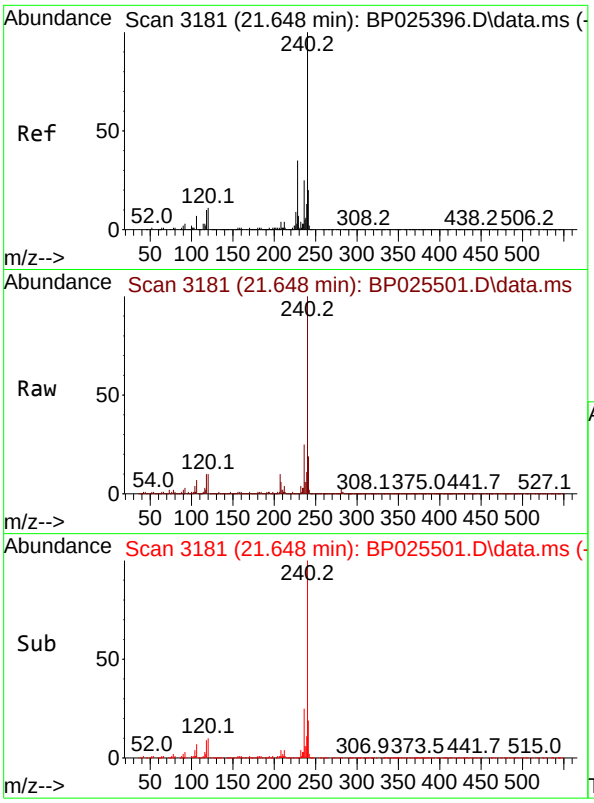


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

Tgt Ion:188 Resp: 795577

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.5	6.7	10.1



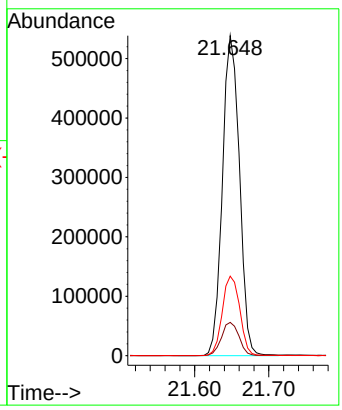


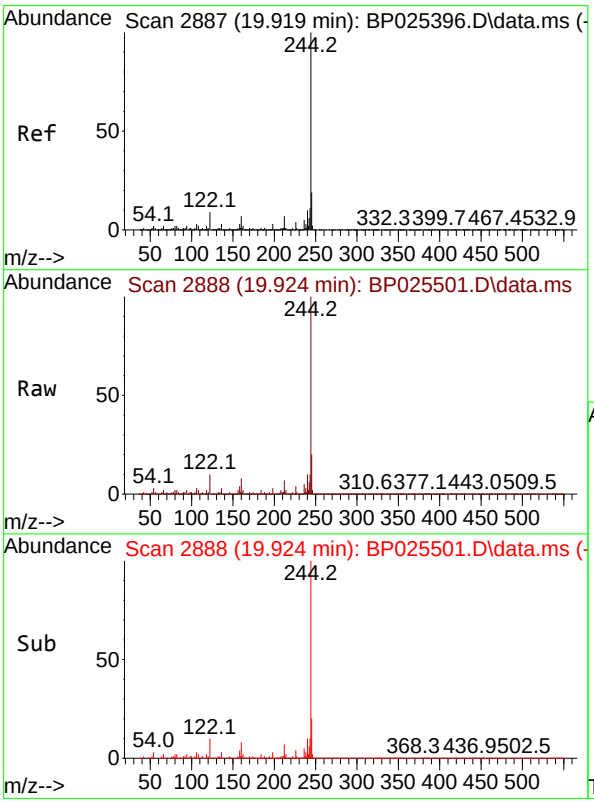
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

Instrument :
BNA_P
ClientSampleId :
10P-W

Tgt Ion:240 Resp: 860315

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	24.9	19.8	29.8

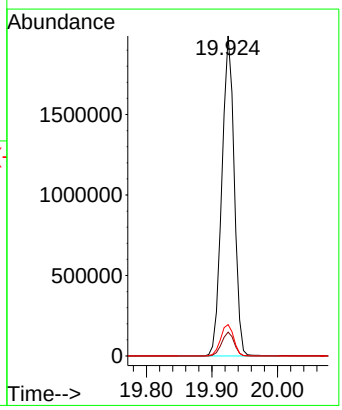


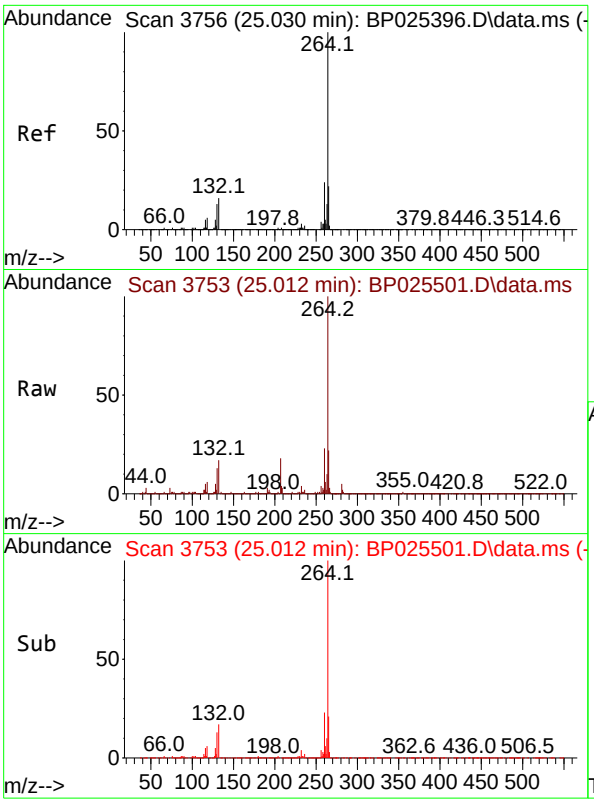


#79
Terphenyl-d14
Concen: 55.102 ng
RT: 19.924 min Scan# 2888
Delta R.T. 0.006 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

Tgt Ion:244 Resp: 2591032

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	9.8	7.4	11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025501.D
Acq: 20 Aug 2025 09:19

Instrument :
BNA_P
ClientSampleId :
10P-W

Tgt Ion:264 Resp: 920578

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.6	17.4	26.0