Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025515.D
Acq On : 20 Aug 2025 20:30
Operator : CG/JU
Sample : Q2819-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 21 01:37:38 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	7.790	152	192599	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	737181	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	449746	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	801649	20.000	ng	0.01
76) Chrysene-d12	21.648	240	794728	20.000	ng	0.00
86) Perylene-d12	25.018	264	990130	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	1103023	95.109	ng	0.00
7) Phenol-d6	6.966	99	1396946	93.951	ng	0.00
23) Nitrobenzene-d5	8.925	82	899370	61.715	ng	-0.01
42) 2,4,6-Tribromophenol	15.919	330	550944	91.011	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	1880594	57.147	ng	0.00
79) Terphenyl-d14	19.918	244	2356506	54.250	ng	0.00
Target Compounds						Qvalue
63) Azobenzene	15.783	77	179146	6.252	ng	# 1

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

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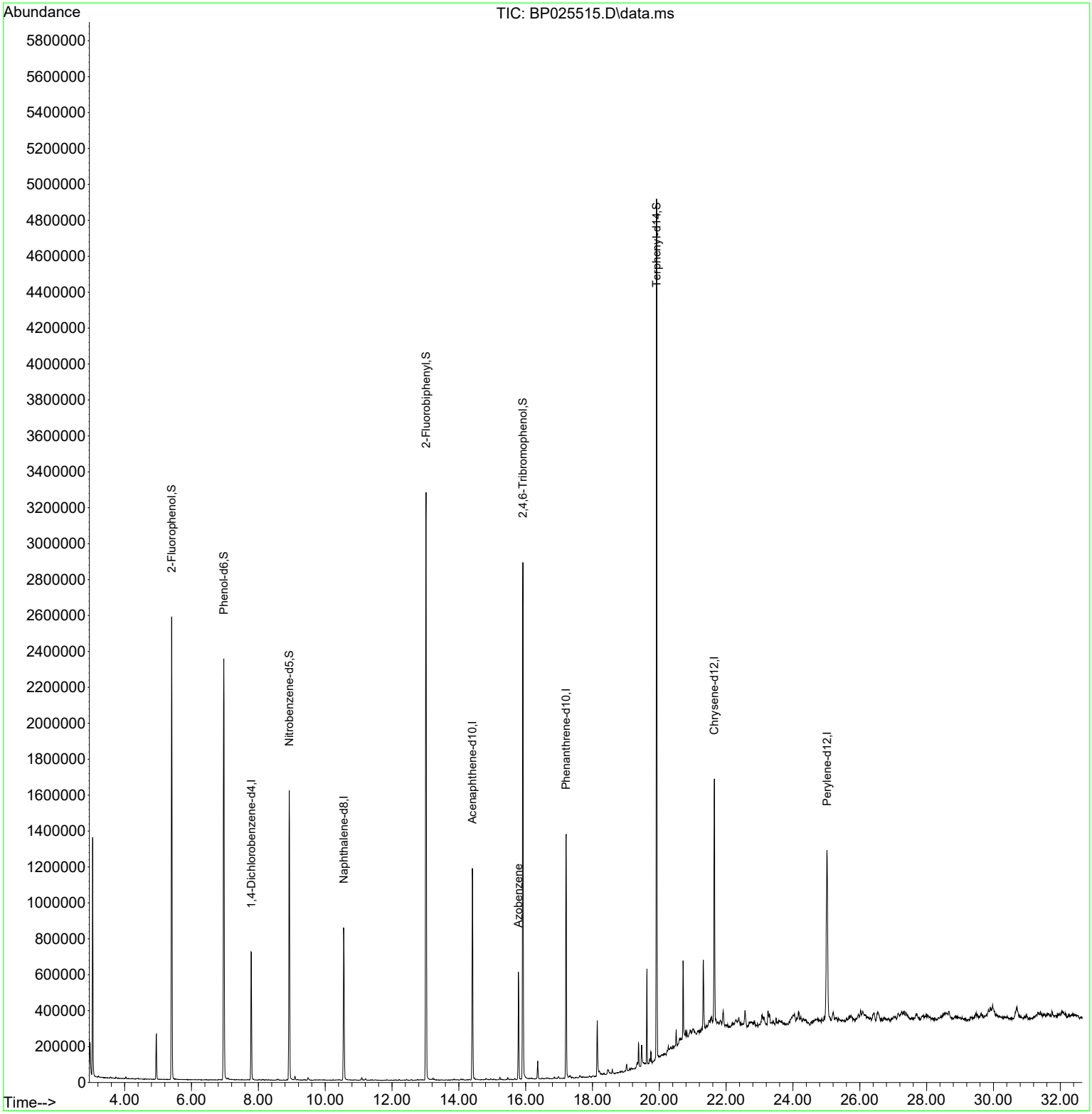
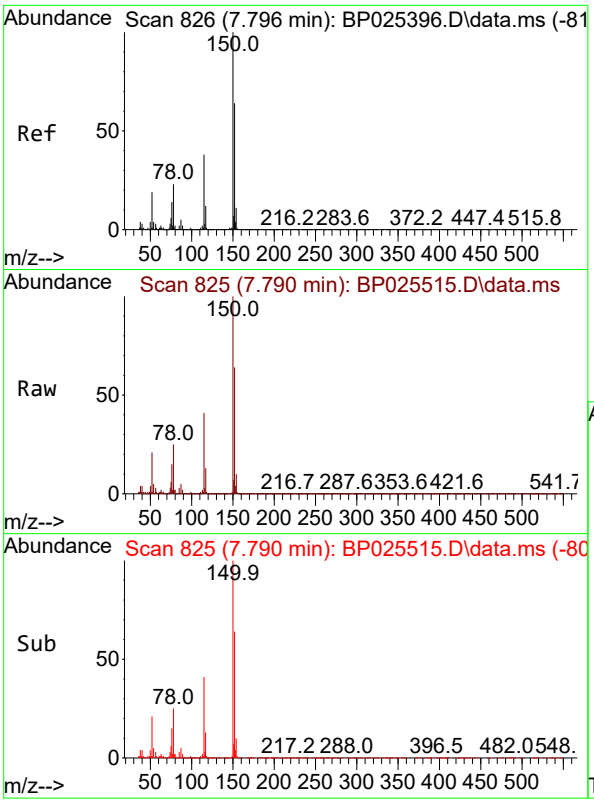


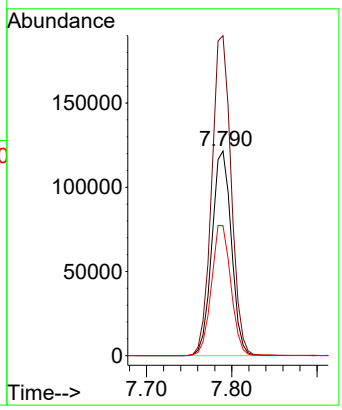


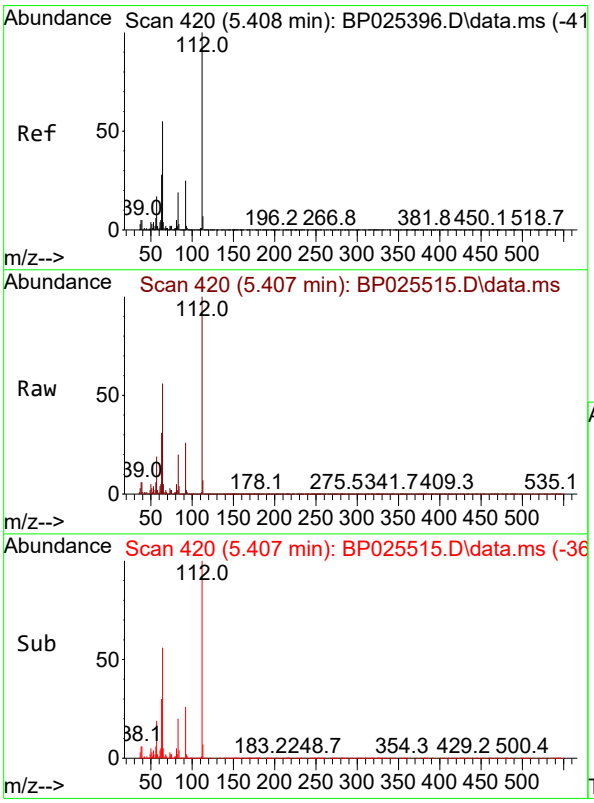
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025515.D
Acq: 20 Aug 2025 20:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 192599

Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.9	188.9
115	63.5	48.5	72.7

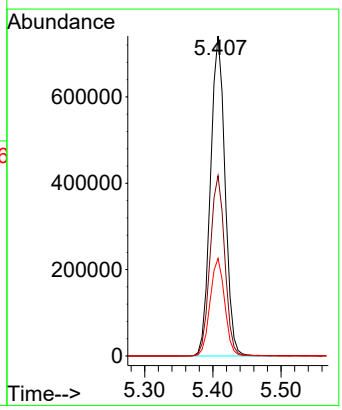


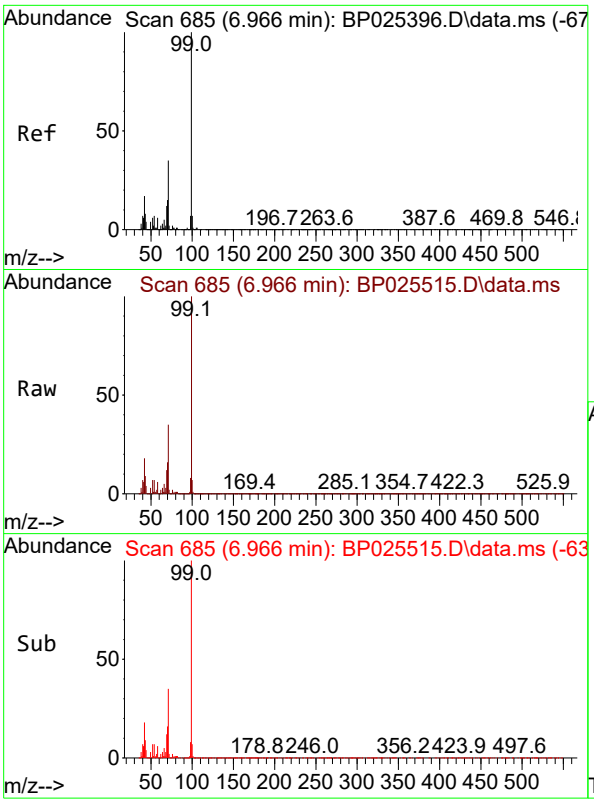


#5
2-Fluorophenol
Concen: 95.109 ng
RT: 5.407 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025515.D
Acq: 20 Aug 2025 20:30

Tgt Ion:112 Resp: 1103023

Ion	Ratio	Lower	Upper
112	100		
64	56.3	43.8	65.8
63	30.5	22.7	34.1



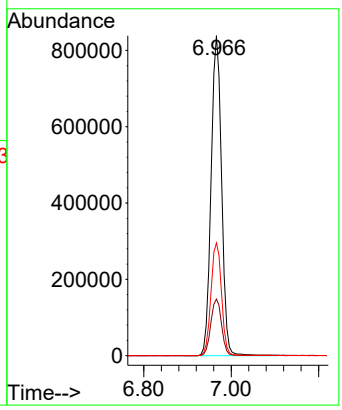


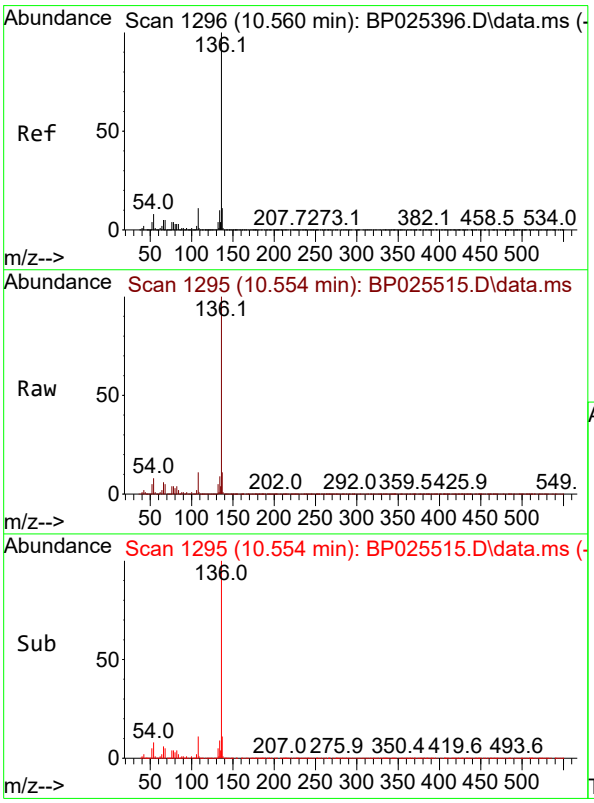
#7
Phenol-d6
Concen: 93.951 ng
RT: 6.966 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025515.D
Acq: 20 Aug 2025 20:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1396946

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.7	20.5
71	35.3	28.2	42.4

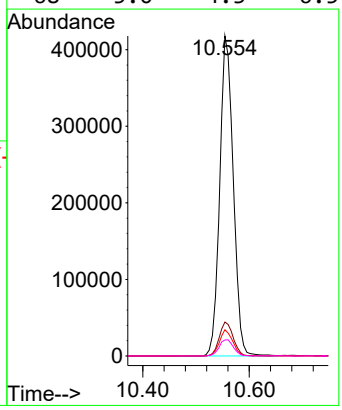


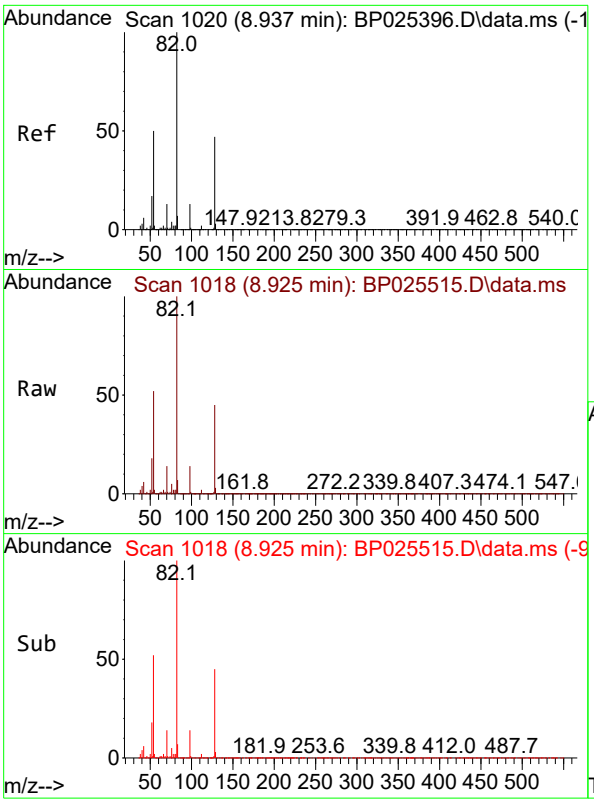


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025515.D
Acq: 20 Aug 2025 20:30

Tgt Ion:136 Resp: 737181

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.2	6.0	9.0
68	5.0	4.3	6.5



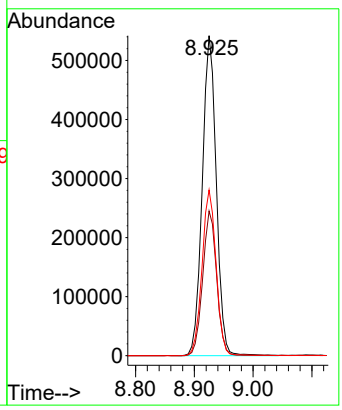


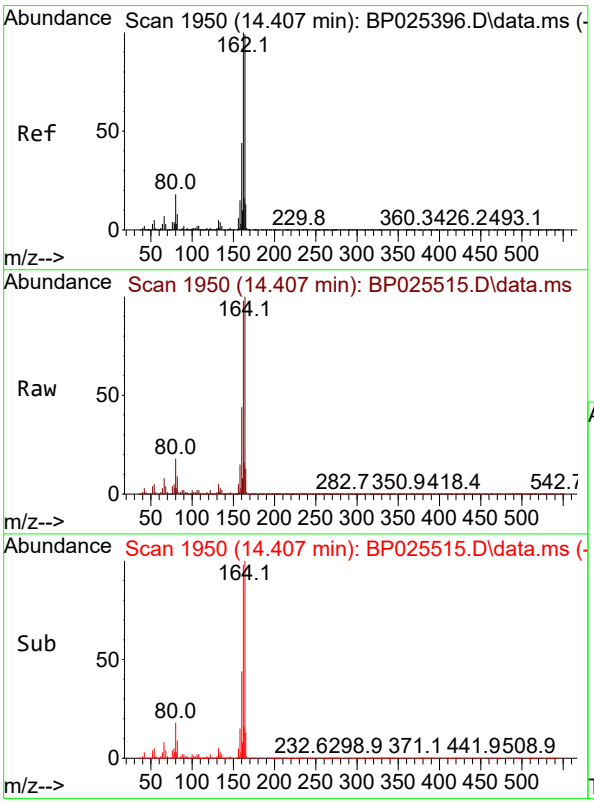
#23
Nitrobenzene-d5
Concen: 61.715 ng
RT: 8.925 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025515.D
Acq: 20 Aug 2025 20:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 899370

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.7	56.5
54	51.8	39.8	59.6

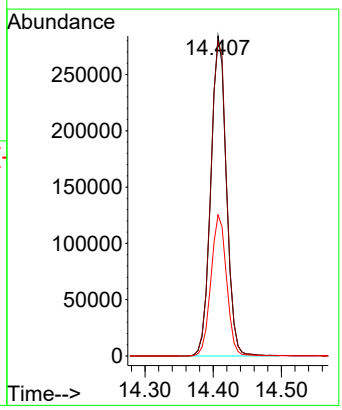


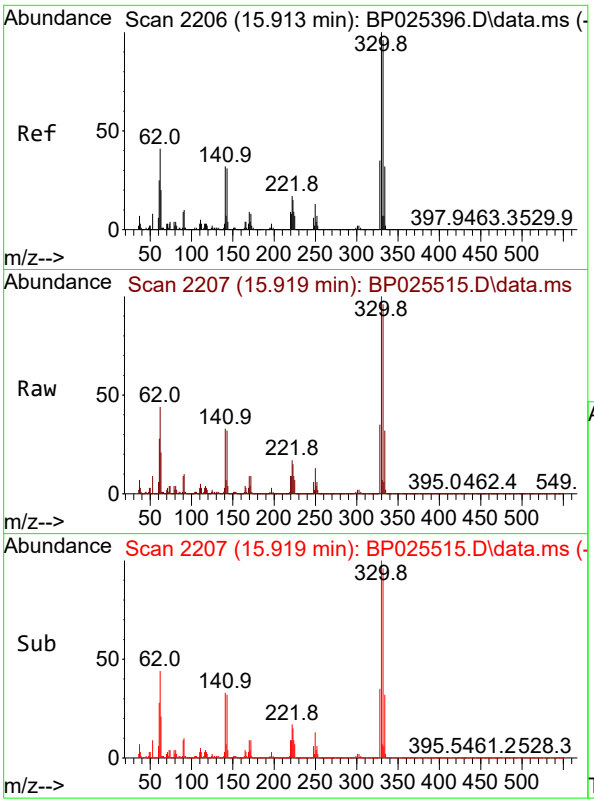


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP025515.D
Acq: 20 Aug 2025 20:30

Tgt Ion:164 Resp: 449746

Ion	Ratio	Lower	Upper
164	100		
162	98.3	81.0	121.6
160	44.1	35.4	53.2



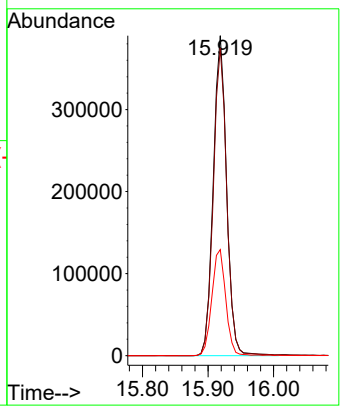


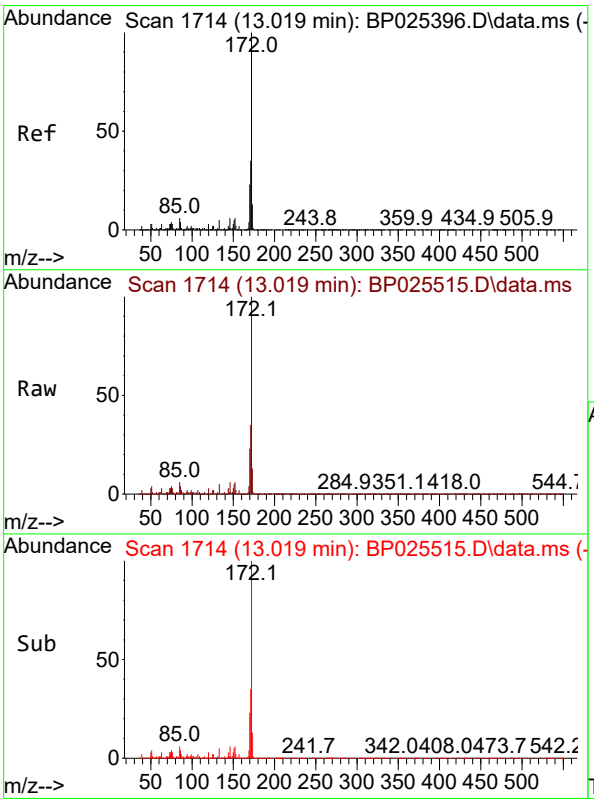
#42
2,4,6-Tribromophenol
Concen: 91.011 ng
RT: 15.919 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025515.D
Acq: 20 Aug 2025 20:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 550944

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	34.7	26.6	39.8

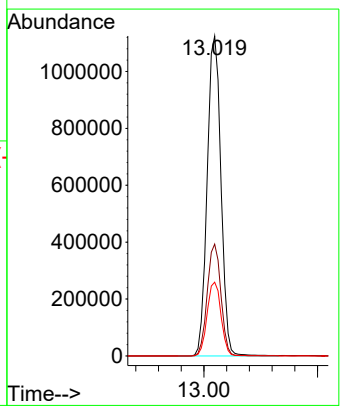


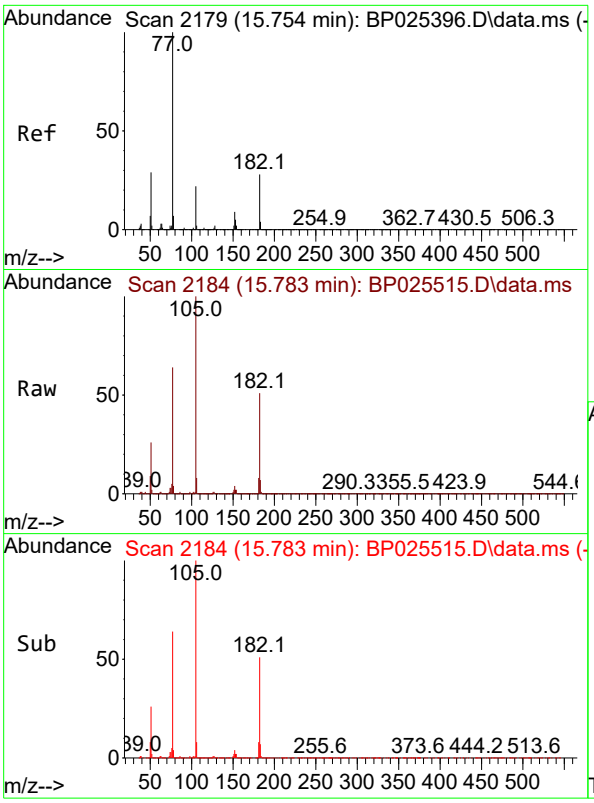


#45
2-Fluorobiphenyl
Concen: 57.147 ng
RT: 13.019 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP025515.D
Acq: 20 Aug 2025 20:30

Tgt Ion:172 Resp: 1880594

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.0	18.6	28.0



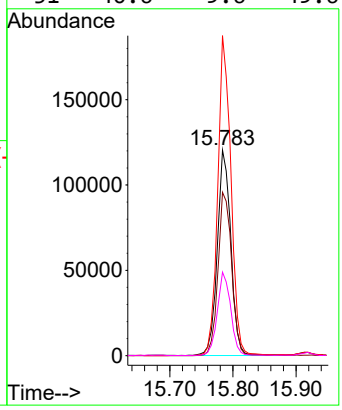


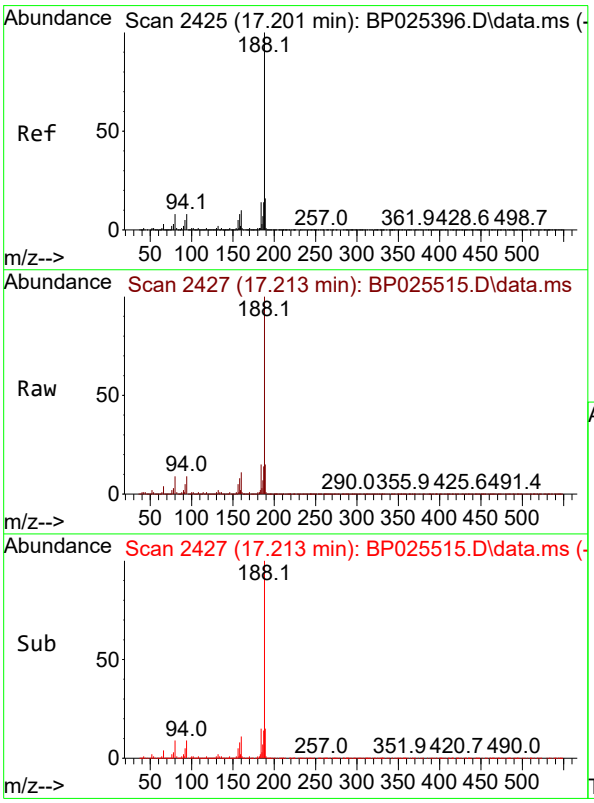
#63
Azobenzene
Concen: 6.252 ng
RT: 15.783 min Scan# 2
Delta R.T. 0.029 min
Lab File: BP025515.D
Acq: 20 Aug 2025 20:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 77 Resp: 179146

Ion	Ratio	Lower	Upper
77	100		
182	79.5	7.5	47.5#
105	155.7	2.1	42.1#
51	40.6	9.6	49.6

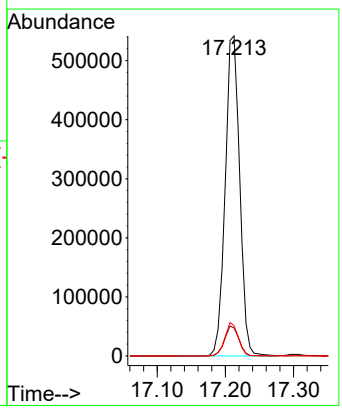


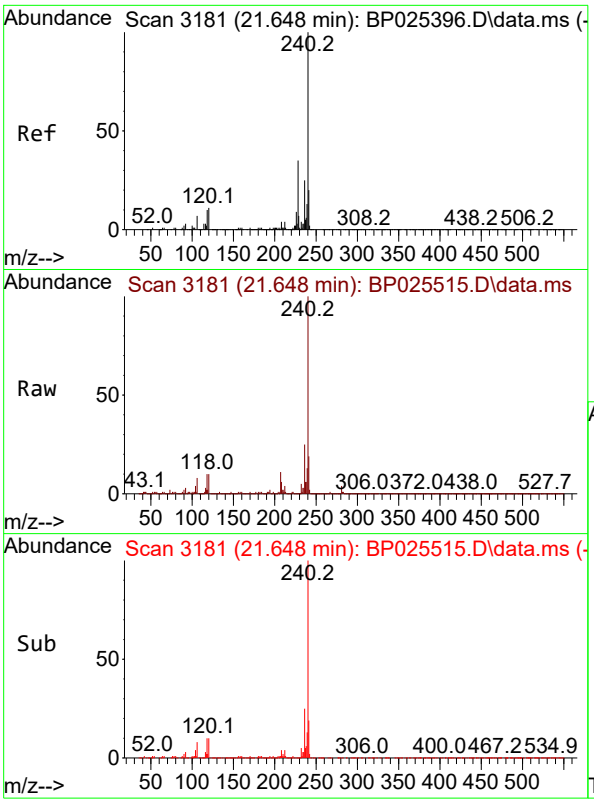


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BP025515.D
Acq: 20 Aug 2025 20:30

Tgt Ion:188 Resp: 801649

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.4	6.7	10.1



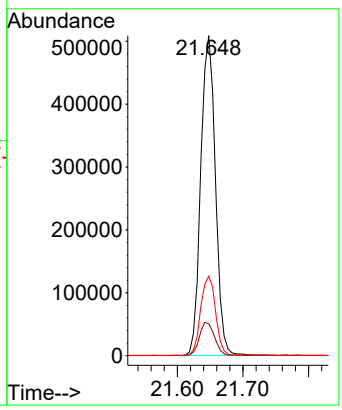


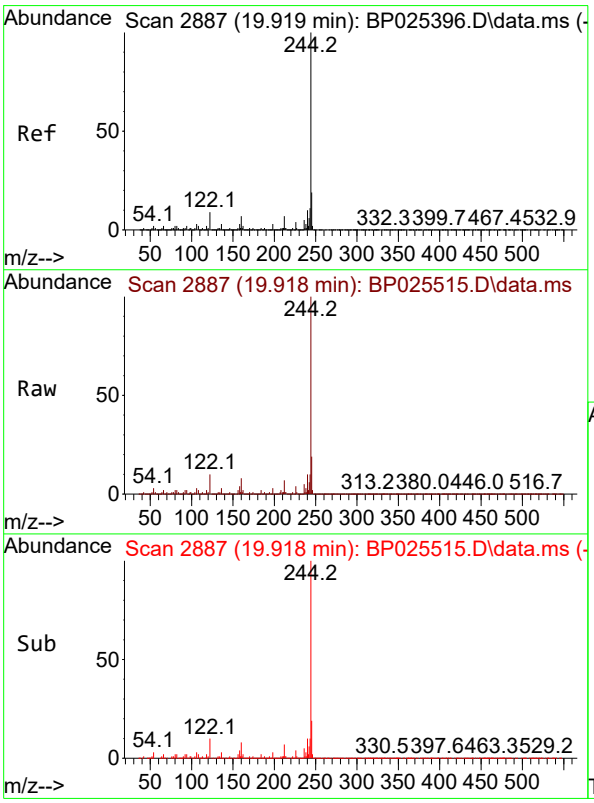
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.648 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025515.D
Acq: 20 Aug 2025 20:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 794728

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.9	13.3
236	24.9	19.8	29.8

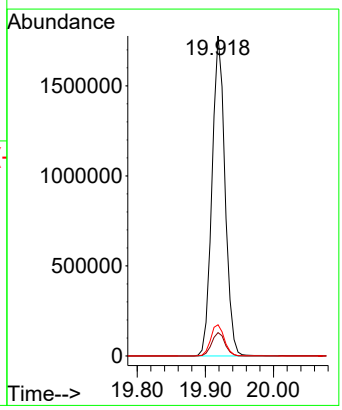


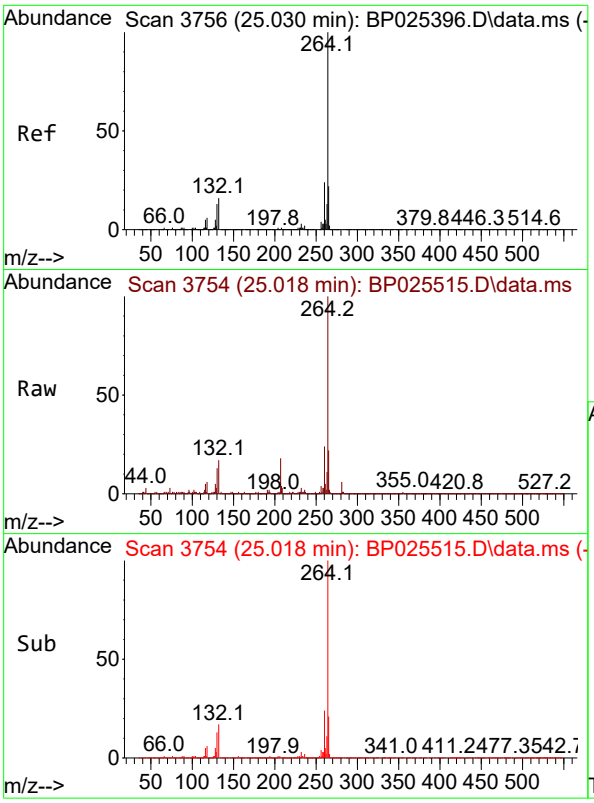


#79
Terphenyl-d14
Concen: 54.250 ng
RT: 19.918 min Scan# 2887
Delta R.T. -0.000 min
Lab File: BP025515.D
Acq: 20 Aug 2025 20:30

Tgt Ion:244 Resp: 2356506

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.7	7.4	11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025515.D
Acq: 20 Aug 2025 20:30

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 990130

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.7	17.4	26.0