Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
Data File : BP025631.D
Acq On : 29 Aug 2025 18:48
Operator : CG/JU
Sample : Q2985-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PAD

Quant Time: Aug 29 22:39:07 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	7.772	152	148207	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	573752	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	355933	20.000	ng	-0.02
64) Phenanthrene-d10	17.184	188	705312	20.000	ng	-0.02
76) Chrysene-d12	21.630	240	803349	20.000	ng	-0.02
86) Perylene-d12	25.007	264	936545	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	440581	49.368	ng	0.00
7) Phenol-d6	6.961	99	546538	47.767	ng	0.00
23) Nitrobenzene-d5	8.913	82	378759	33.394	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	232747	48.581	ng	-0.01
45) 2-Fluorobiphenyl	12.996	172	901813	34.627	ng	-0.02
79) Terphenyl-d14	19.901	244	1557841	35.479	ng	-0.02
Target Compounds						Qvalue
63) Azobenzene	15.766	77	50342	2.220	ng	# 1

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

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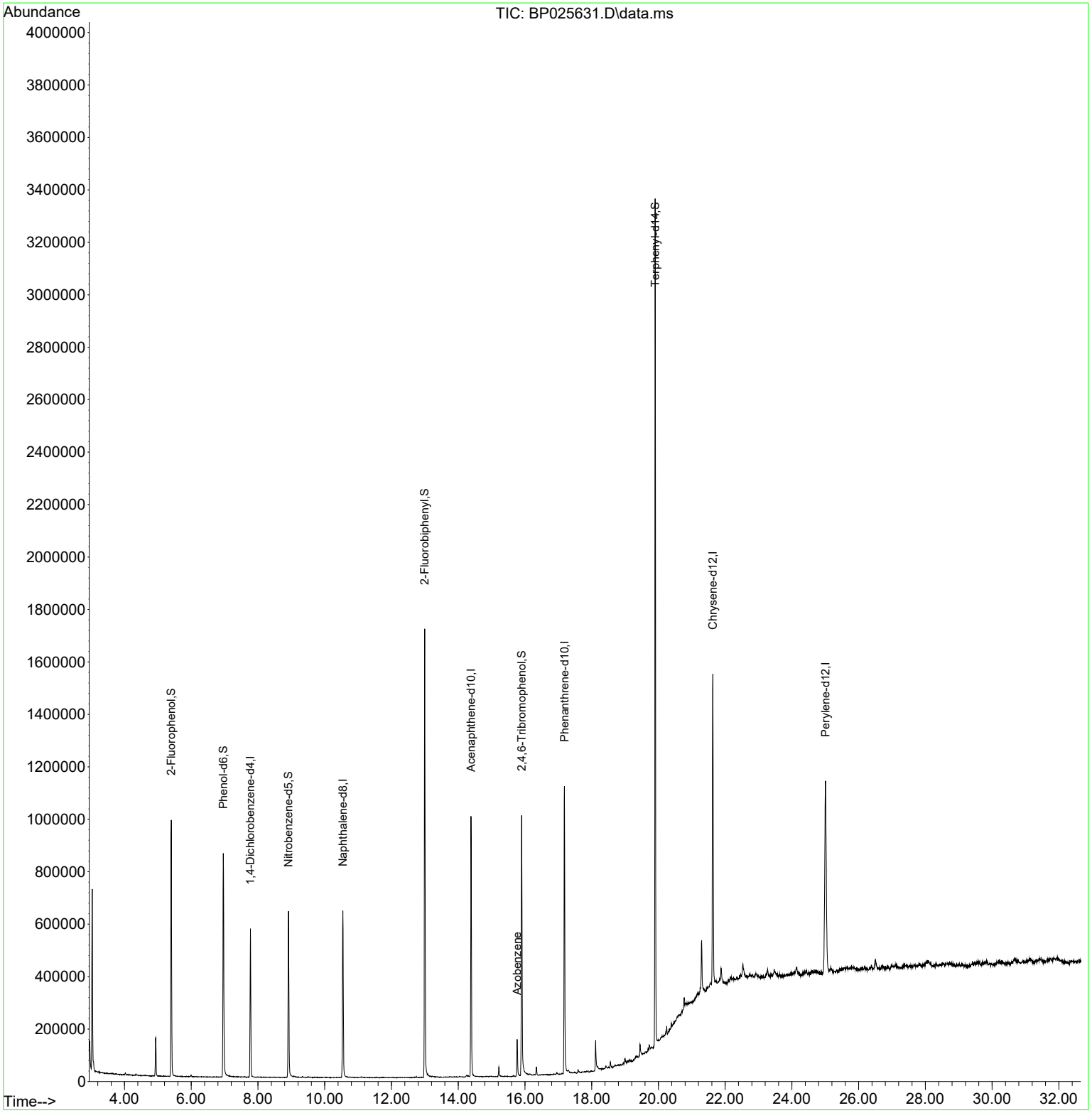
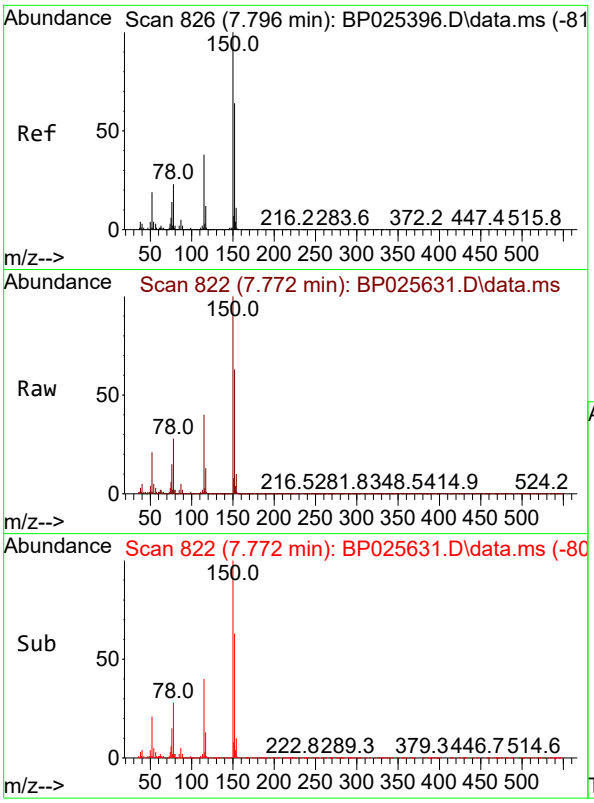


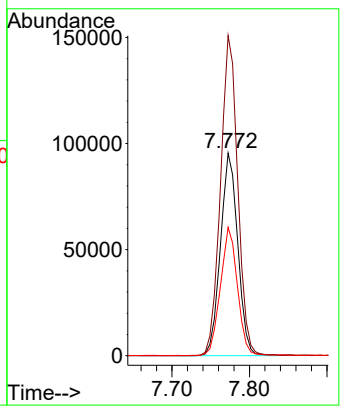


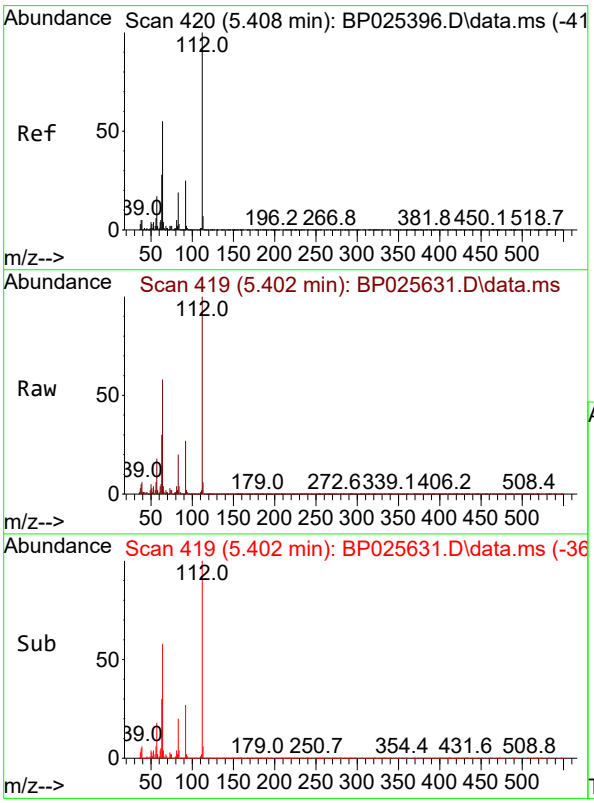
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Instrument :
BNA_P
ClientSampleId :
PAD

Tgt Ion:152 Resp: 148207

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.9	188.9
115	63.3	48.5	72.7

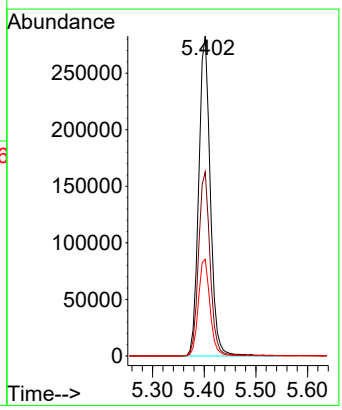


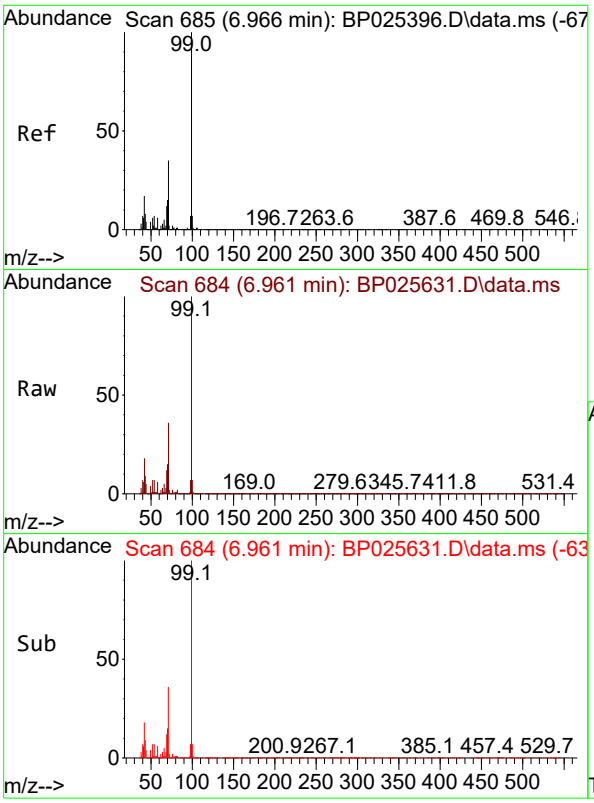


#5
2-Fluorophenol
Concen: 49.368 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Tgt Ion:112 Resp: 440581

Ion	Ratio	Lower	Upper
112	100		
64	57.6	43.8	65.8
63	30.2	22.7	34.1



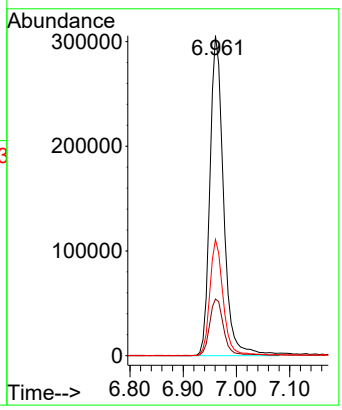


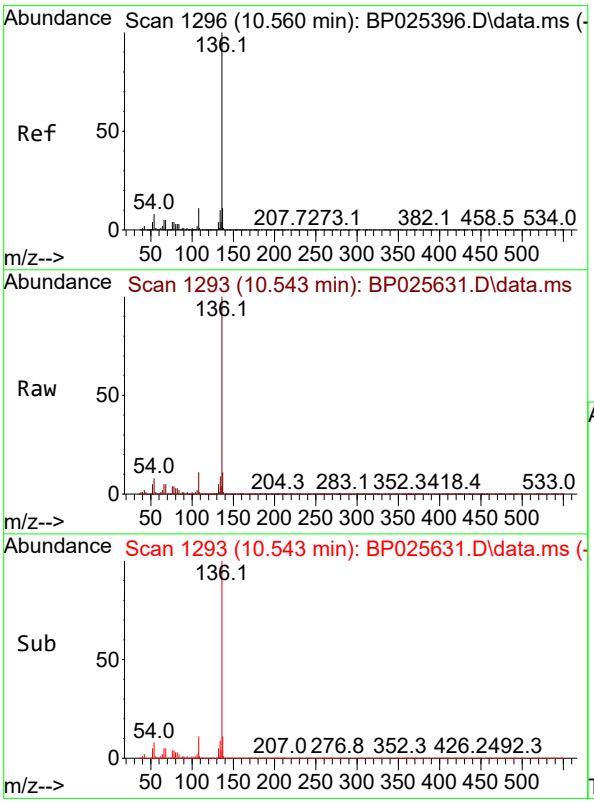
#7
Phenol-d6
Concen: 47.767 ng
RT: 6.961 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Instrument :
BNA_P
ClientSampleId :
PAD

Tgt Ion: 99 Resp: 546538

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.7	20.5
71	36.3	28.2	42.4

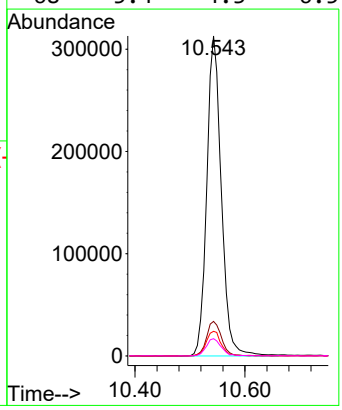


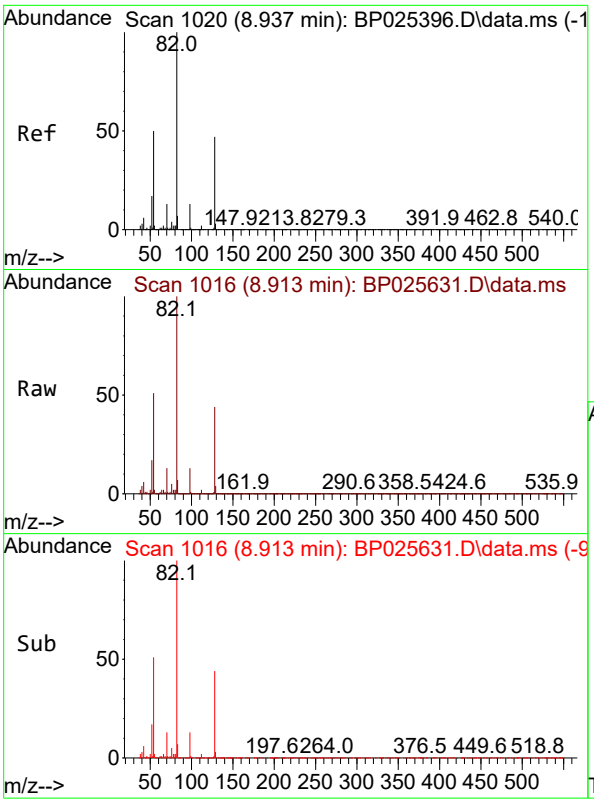


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.017 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Tgt Ion:136 Resp: 573752

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.7	6.0	9.0
68	5.4	4.3	6.5



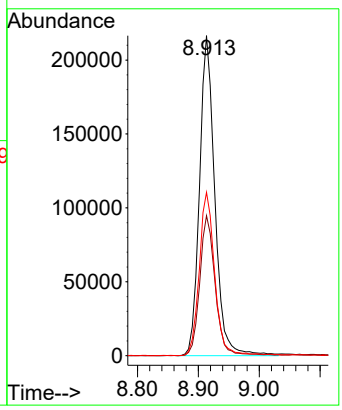


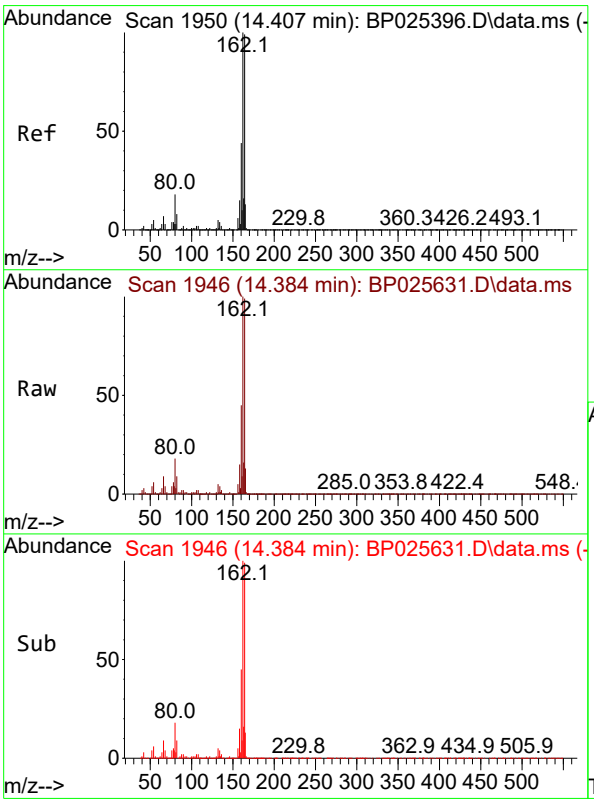
#23
Nitrobenzene-d5
Concen: 33.394 ng
RT: 8.913 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Instrument :
BNA_P
ClientSampleId :
PAD

Tgt Ion: 82 Resp: 378759

Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.7	56.5
54	51.1	39.8	59.6

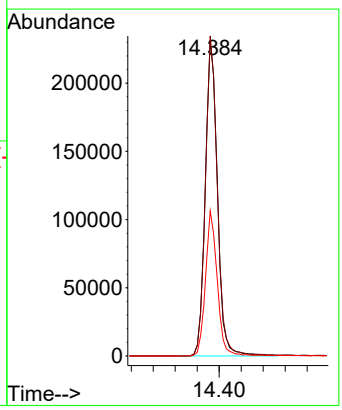


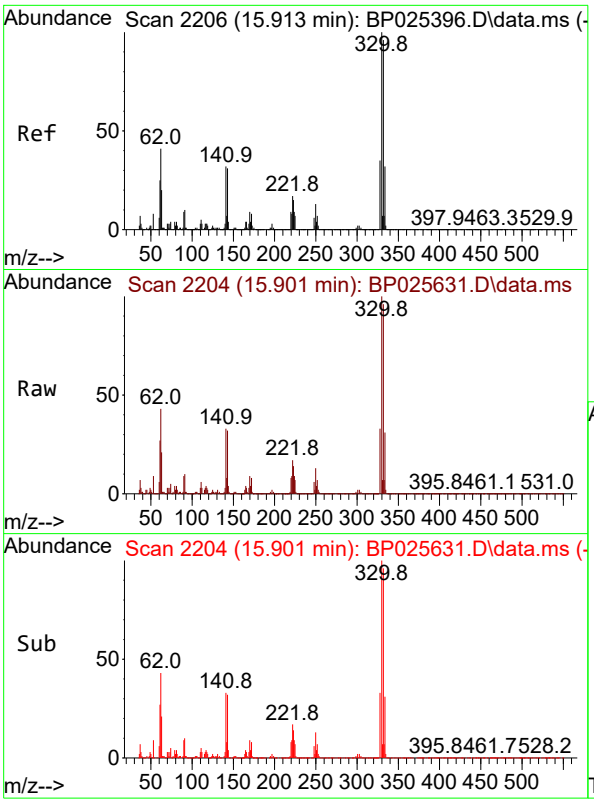


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Tgt Ion:164 Resp: 355933

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.0	121.6
160	45.9	35.4	53.2



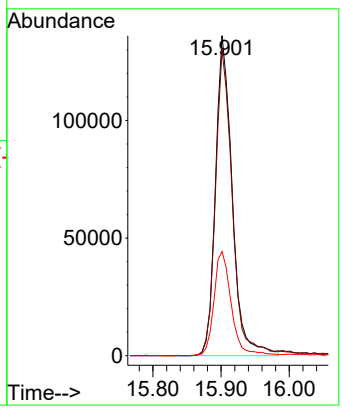


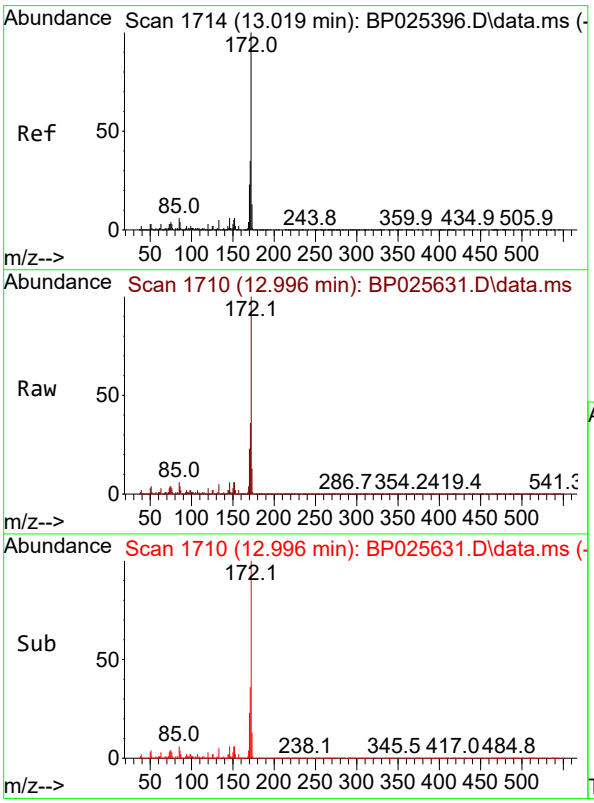
#42
2,4,6-Tribromophenol
Concen: 48.581 ng
RT: 15.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Instrument :
BNA_P
ClientSampleId :
PAD

Tgt Ion:330 Resp: 232747

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	33.8	26.6	39.8

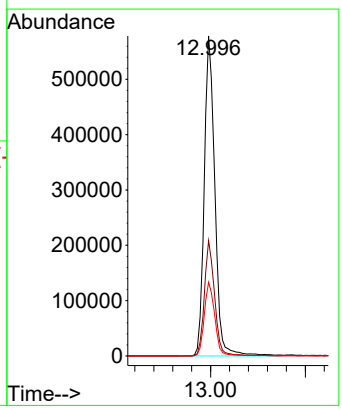


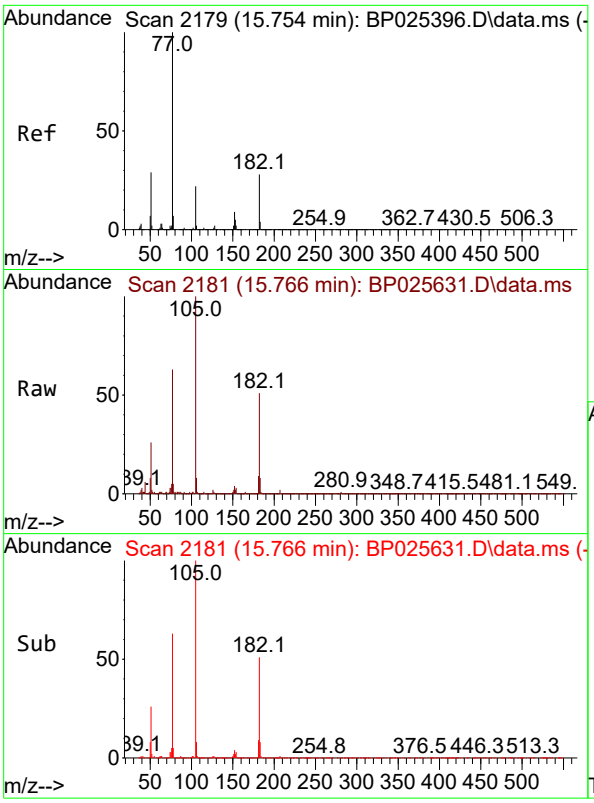


#45
2-Fluorobiphenyl
Concen: 34.627 ng
RT: 12.996 min Scan# 1710
Delta R.T. -0.023 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Tgt Ion:172 Resp: 901813

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.1	42.1
170	23.0	18.6	28.0



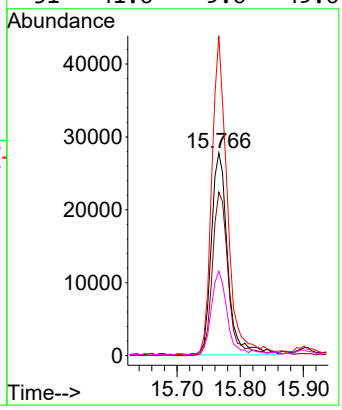


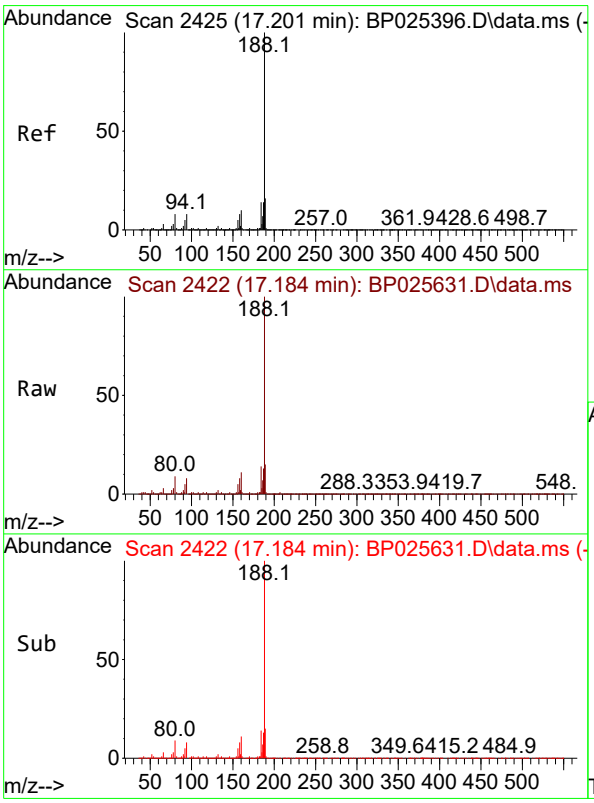
#63
Azobenzene
Concen: 2.220 ng
RT: 15.766 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Instrument :
BNA_P
ClientSampleId :
PAD

Tgt Ion: 77 Resp: 50342

Ion	Ratio	Lower	Upper
77	100		
182	80.6	7.5	47.5#
105	157.8	2.1	42.1#
51	41.6	9.6	49.6

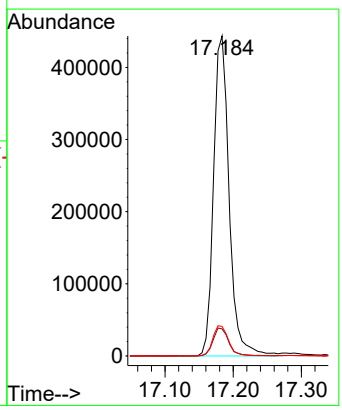


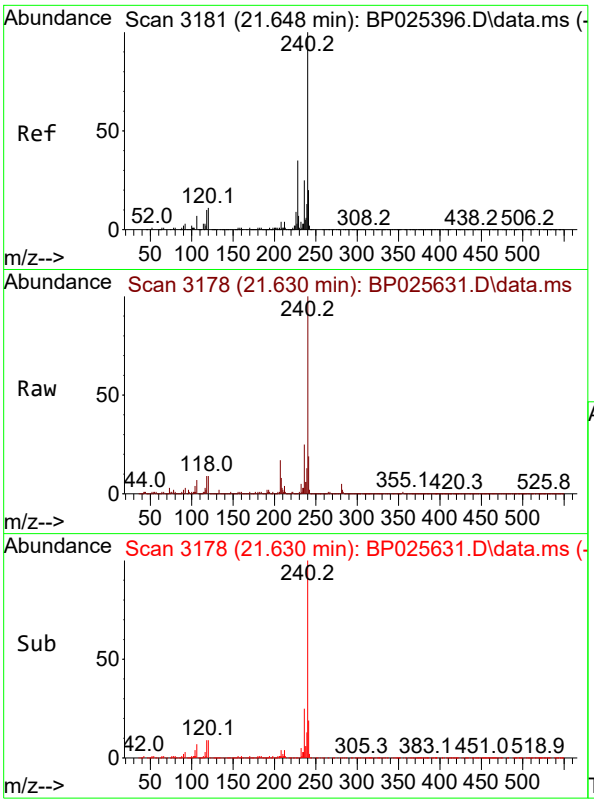


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.184 min Scan# 2422
Delta R.T. -0.017 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Tgt Ion:188 Resp: 705312

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.2	6.7	10.1



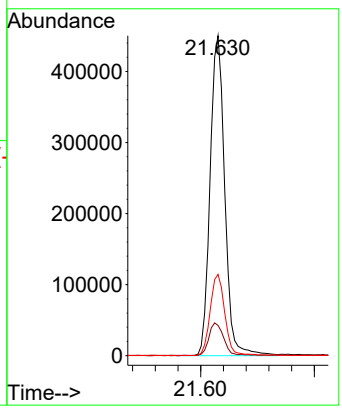


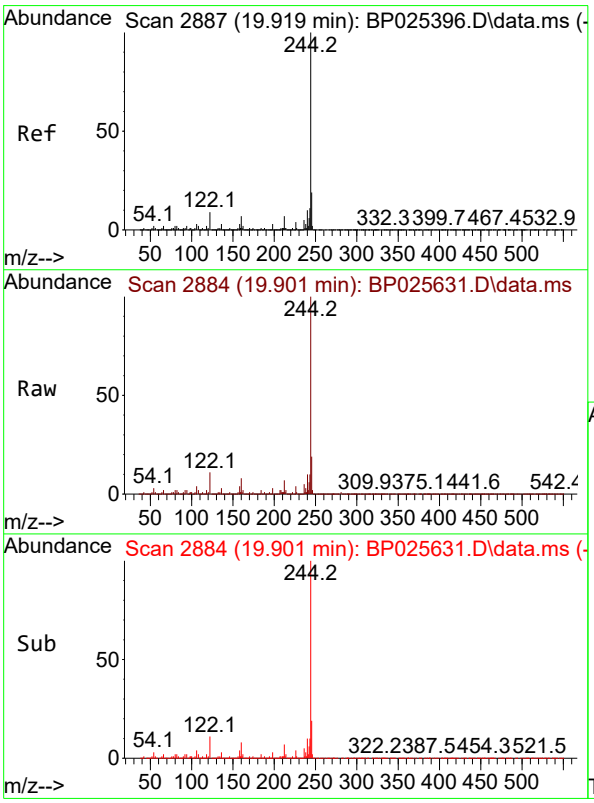
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Instrument :
BNA_P
ClientSampleId :
PAD

Tgt Ion:240 Resp: 803349

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.9	13.3
236	25.4	19.8	29.8

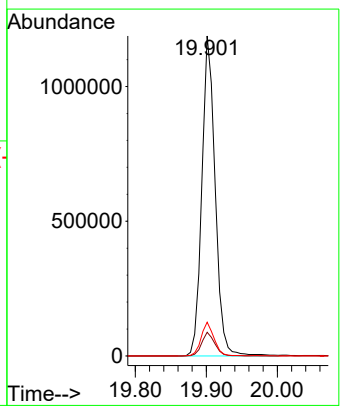


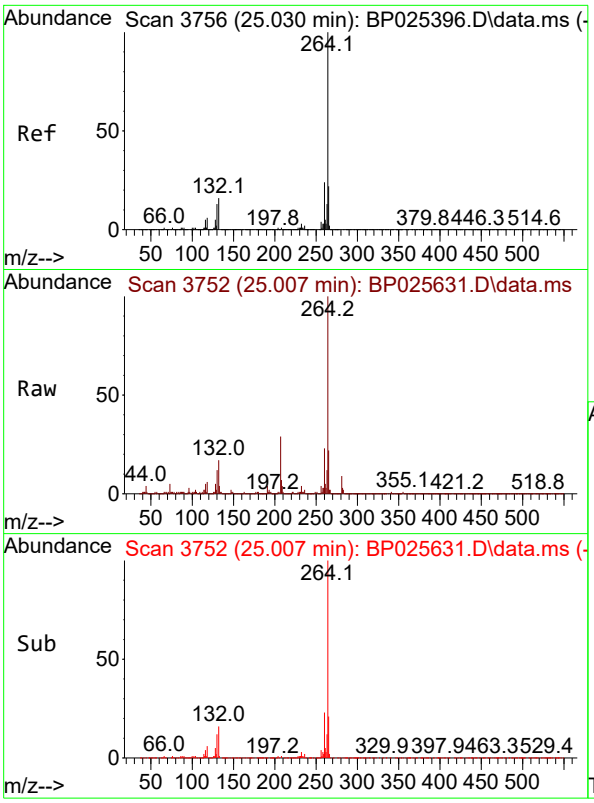


#79
Terphenyl-d14
Concen: 35.479 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.017 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Tgt Ion:244 Resp: 1557841

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	10.6	7.4	11.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025631.D
Acq: 29 Aug 2025 18:48

Instrument :
BNA_P
ClientSampleId :
PAD

Tgt Ion:264 Resp: 936545

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	21.9	17.4	26.0