Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100825\
Data File : BP025960.D
Acq On : 08 Oct 2025 19:32
Operator : RC/JU
Sample : Q3308-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-12(6.0-6.5)

Quant Time: Oct 09 01:29:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 08 16:22:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.731	152	128417	20.000	ng		0.00
21) Naphthalene-d8	10.501	136	499788	20.000	ng		0.01
39) Acenaphthene-d10	14.342	164	351286	20.000	ng		0.00
64) Phenanthrene-d10	17.142	188	763845	20.000	ng		0.01
76) Chrysene-d12	21.571	240	824798	20.000	ng		0.00
86) Perylene-d12	24.918	264	868398	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	408201	51.881	ng		0.00
7) Phenol-d6	6.949	99	523929	50.426	ng		0.01
23) Nitrobenzene-d5	8.884	82	293489	26.282	ng		0.00
42) 2,4,6-Tribromophenol	15.866	330	263323	60.024	ng		0.01
45) 2-Fluorobiphenyl	12.954	172	628312	24.027	ng		0.00
79) Terphenyl-d14	19.848	244	1486774	32.504	ng		0.00
Target Compounds							Qvalue
54) 2,4-Dinitrophenol	14.536	184	16	4.824	ng		87
56) 4-Nitrophenol	14.636	139	25	4.539	ng		88
63) Azobenzene	15.731	77	58729	2.280	ng	#	1

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

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Misc :
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S-12(6.0-6.5)

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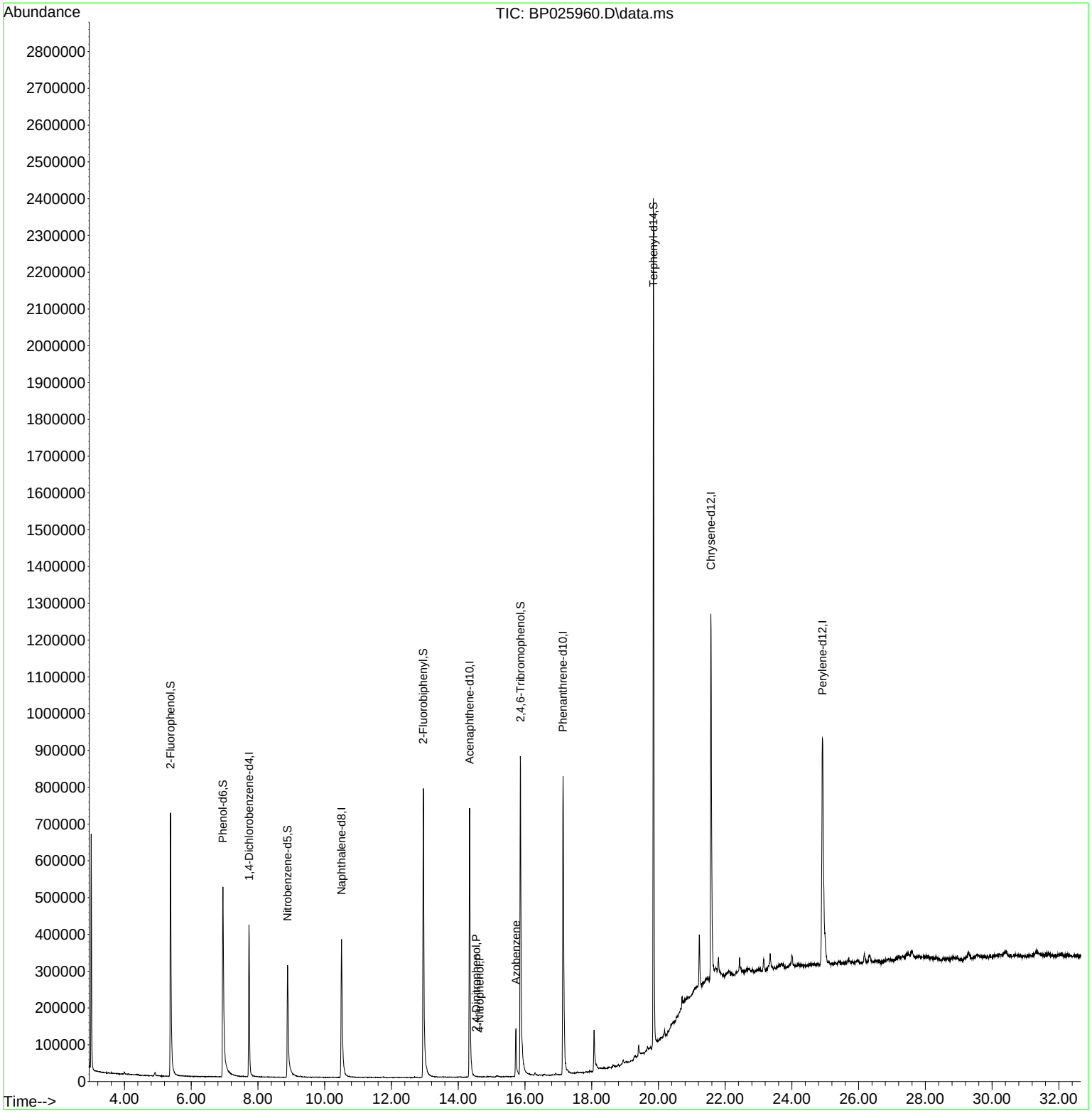
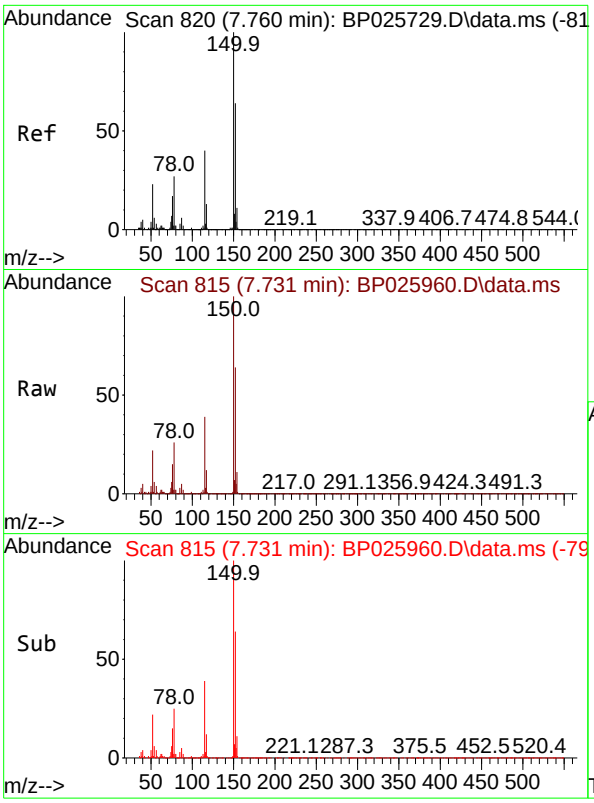


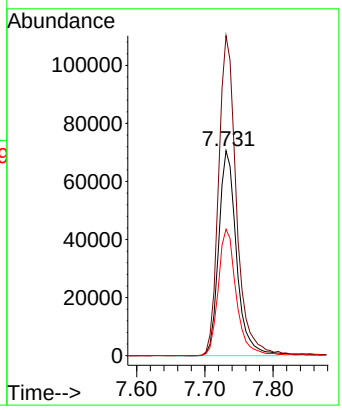


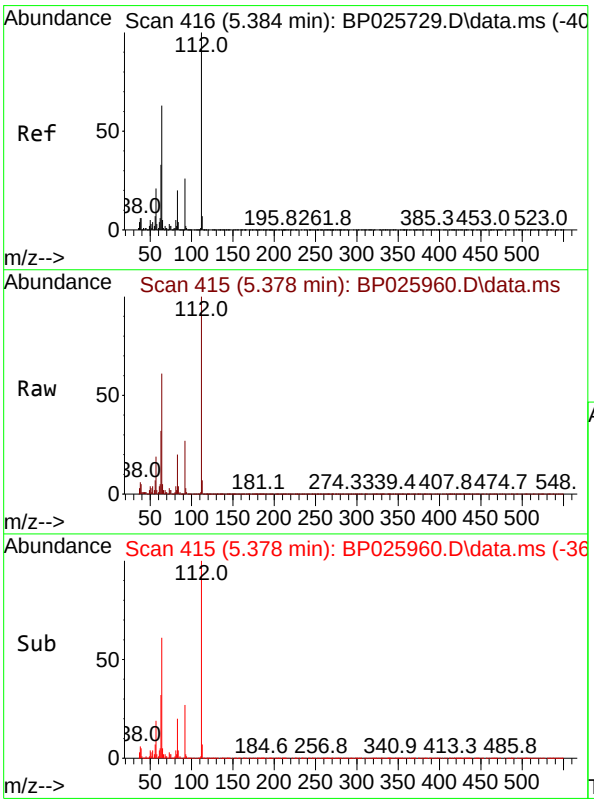
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.731 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Instrument :
BNA_P
ClientSampleId :
S-12(6.0-6.5)

Tgt Ion:152 Resp: 128417

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.3	186.5
115	61.6	50.3	75.5

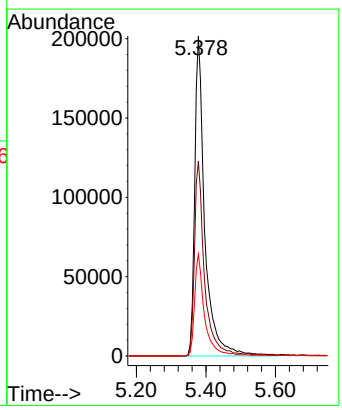


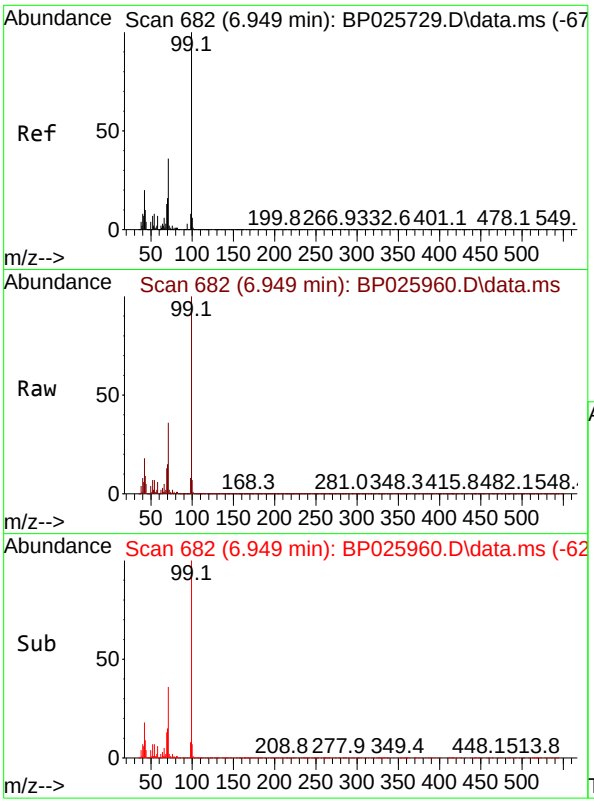


#5
2-Fluorophenol
Concen: 51.881 ng
RT: 5.378 min Scan# 415
Delta R.T. 0.006 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Tgt Ion:112 Resp: 408201

Ion	Ratio	Lower	Upper
112	100		
64	60.8	50.2	75.4
63	31.8	26.7	40.1



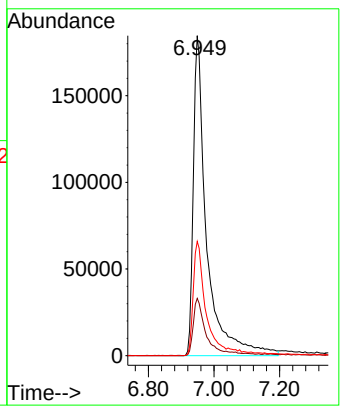


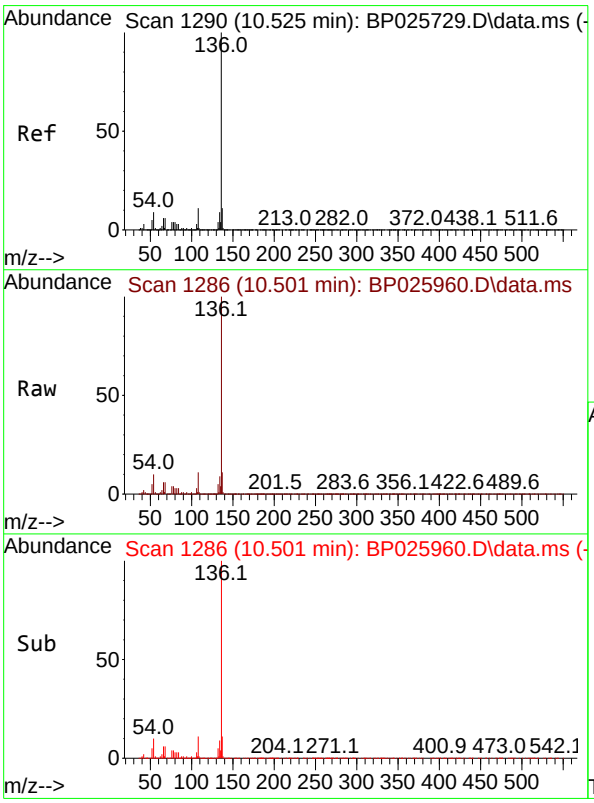
#7
Phenol-d6
Concen: 50.426 ng
RT: 6.949 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Instrument :
BNA_P
ClientSampleId :
S-12(6.0-6.5)

Tgt Ion: 99 Resp: 523929

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.6	23.4
71	35.7	28.6	43.0

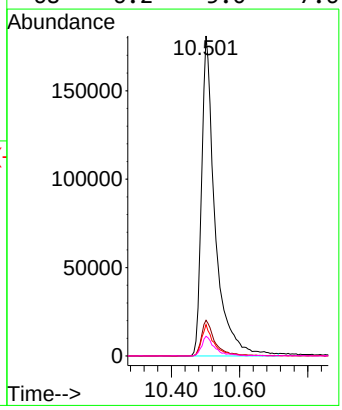


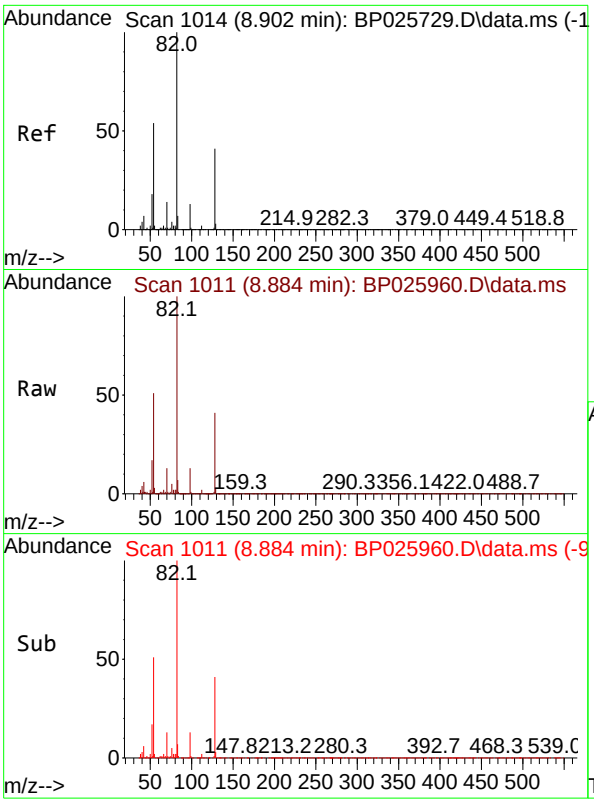


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.501 min Scan# 1286
Delta R.T. 0.012 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Tgt Ion:136 Resp: 499788

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.8	7.5	11.3
68	6.2	5.0	7.6



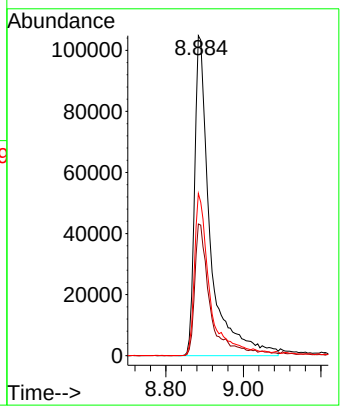


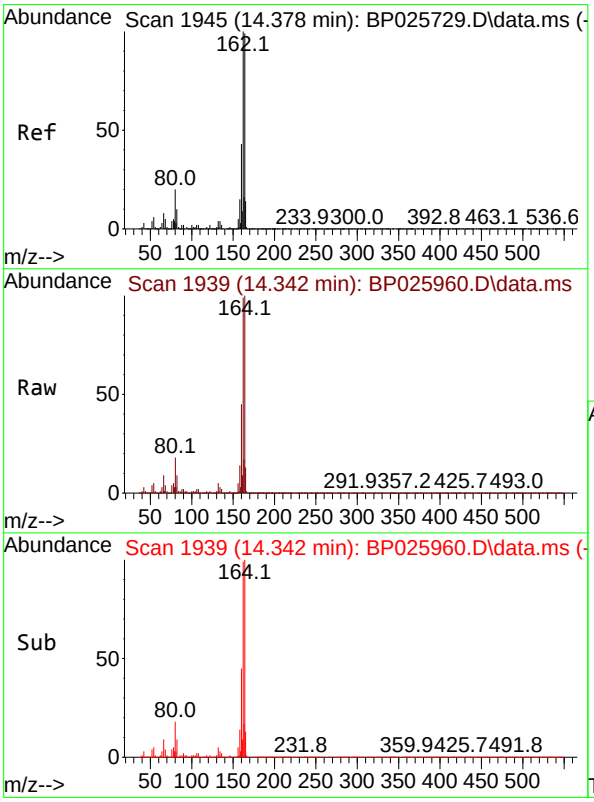
#23
Nitrobenzene-d5
Concen: 26.282 ng
RT: 8.884 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Instrument :
BNA_P
ClientSampleId :
S-12(6.0-6.5)

Tgt Ion: 82 Resp: 293489

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.9	49.3
54	50.7	43.4	65.2

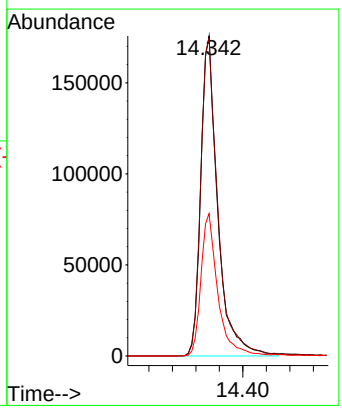


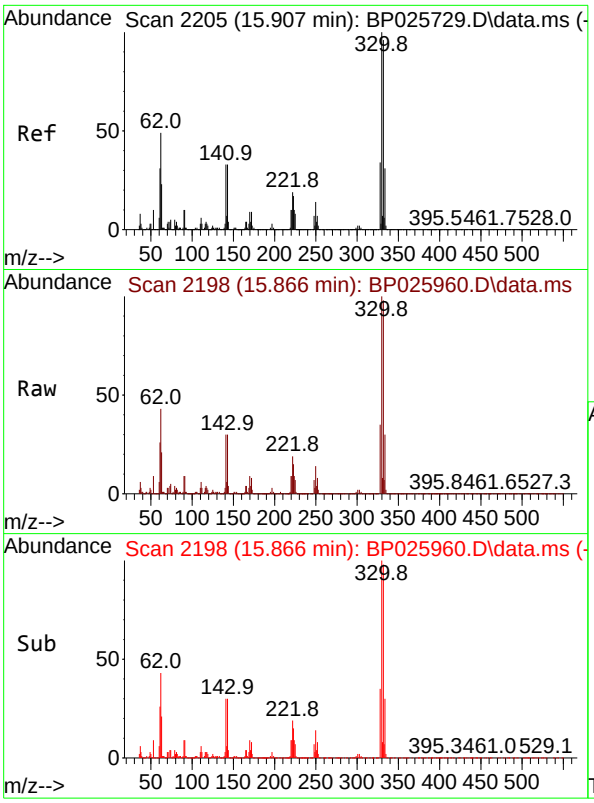


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.342 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Tgt Ion:164 Resp: 351286

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	120.8
160	44.5	35.0	52.6



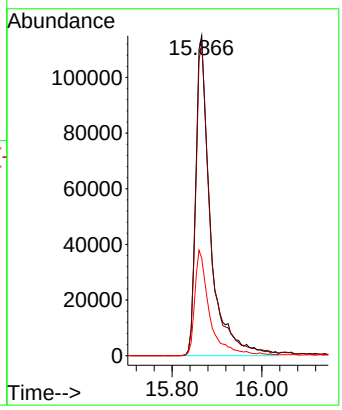


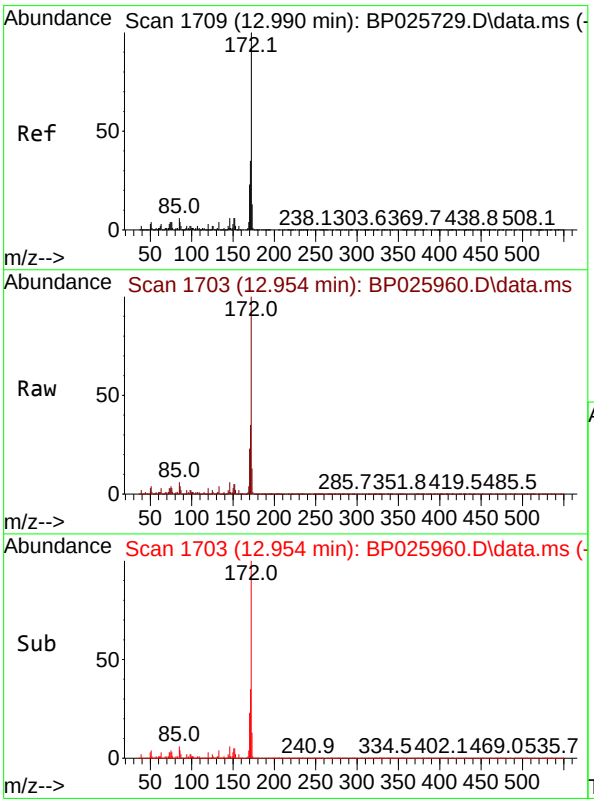
#42
2,4,6-Tribromophenol
Concen: 60.024 ng
RT: 15.866 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Instrument :
BNA_P
ClientSampleId :
S-12(6.0-6.5)

Tgt Ion:330 Resp: 263323

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	32.8	31.0	46.4

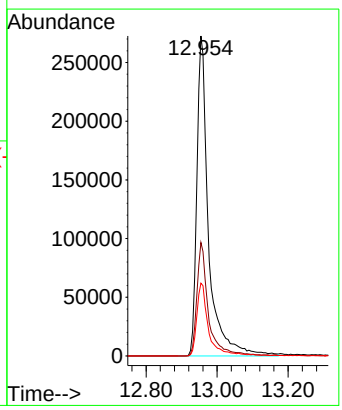


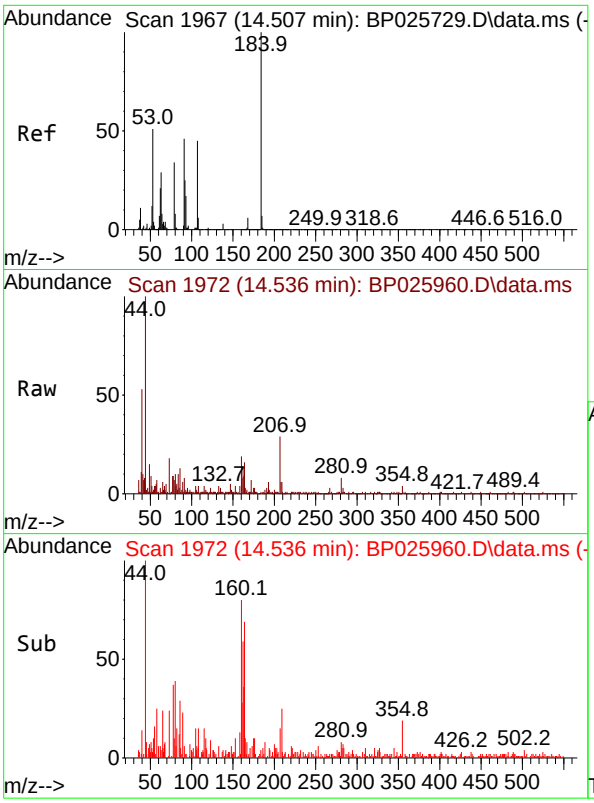


#45
2-Fluorobiphenyl
Concen: 24.027 ng
RT: 12.954 min Scan# 1703
Delta R.T. 0.006 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Tgt Ion:172 Resp: 628312

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.6
170	22.8	18.6	27.8



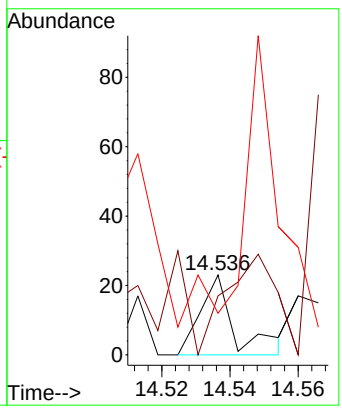


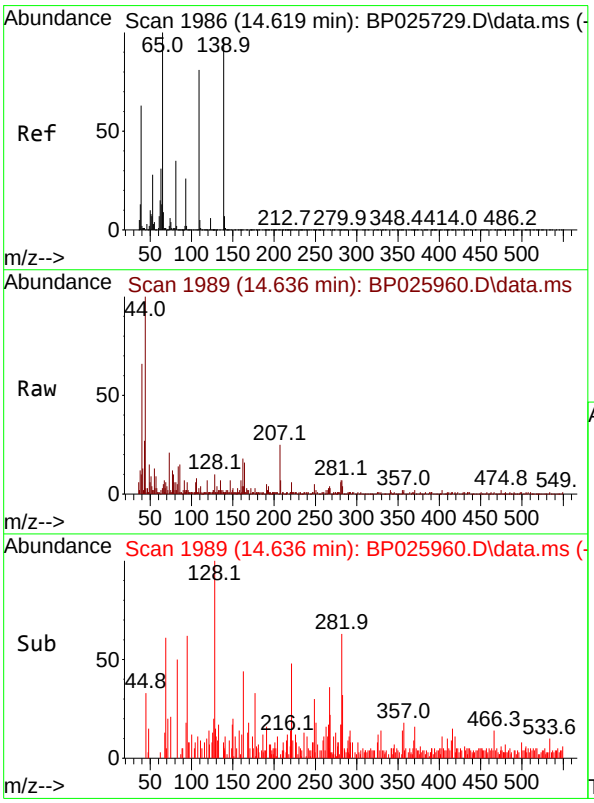
#54
2,4-Dinitrophenol
Concen: 4.824 ng
RT: 14.536 min Scan# 1
Delta R.T. 0.047 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Instrument :
BNA_P
ClientSampleId :
S-12(6.0-6.5)

Tgt Ion:184 Resp: 16

Ion	Ratio	Lower	Upper
184	100		
63	73.9	52.5	78.7
154	52.2	51.5	77.3

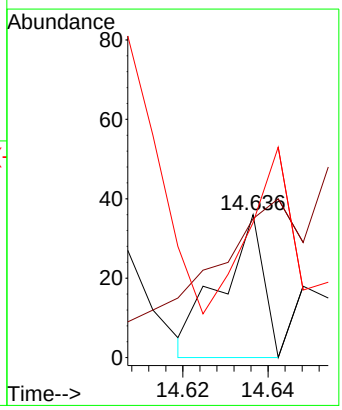


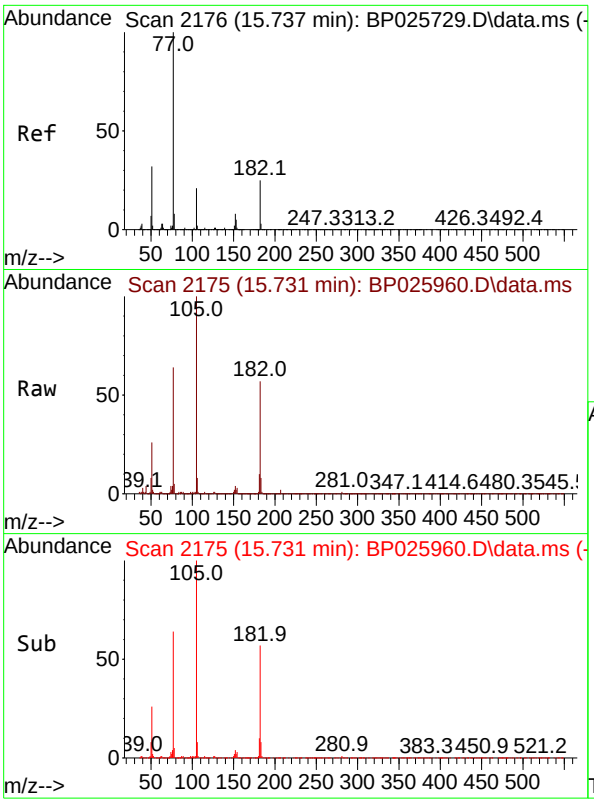


#56
4-Nitrophenol
Concen: 4.539 ng
RT: 14.636 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Tgt Ion:139 Resp: 25

Ion	Ratio	Lower	Upper
139	100		
109	97.2	62.9	102.9
65	94.4	83.4	123.4



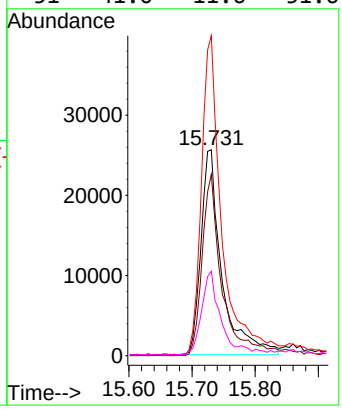


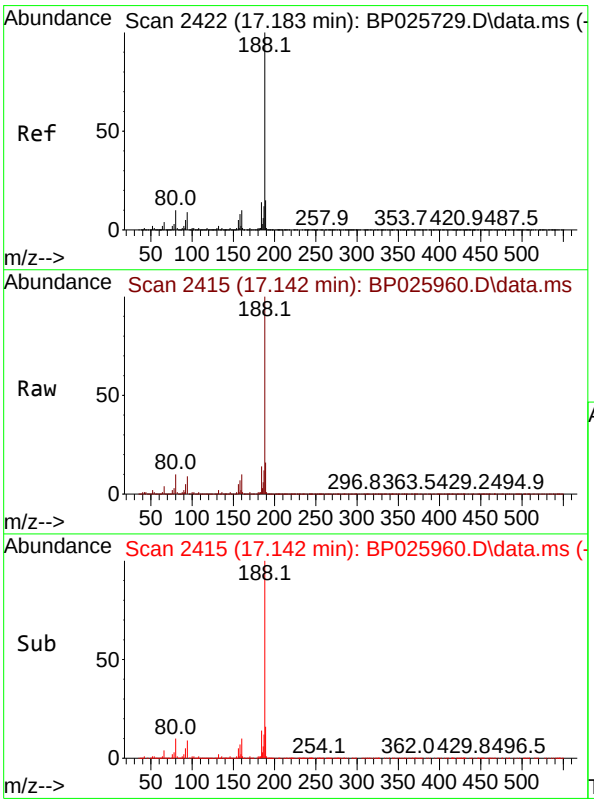
#63
Azobenzene
Concen: 2.280 ng
RT: 15.731 min Scan# 2
Delta R.T. 0.041 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Instrument :
BNA_P
ClientSampleId :
S-12(6.0-6.5)

Tgt Ion: 77 Resp: 58729

Ion	Ratio	Lower	Upper
77	100		
182	88.0	5.2	45.2#
105	155.4	1.1	41.1#
51	41.0	11.6	51.6

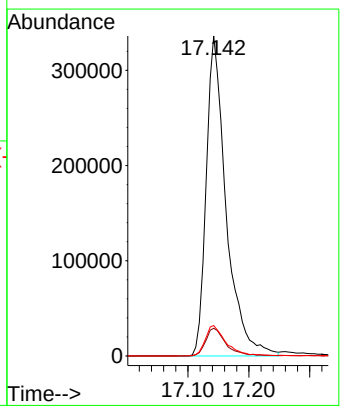


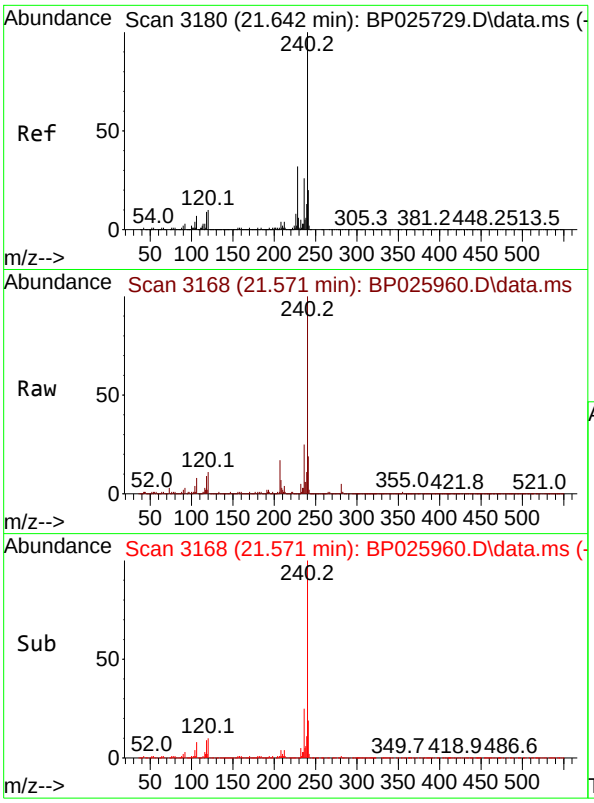


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 2415
Delta R.T. 0.012 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Tgt Ion:188 Resp: 763845

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.0
80	9.5	7.7	11.5



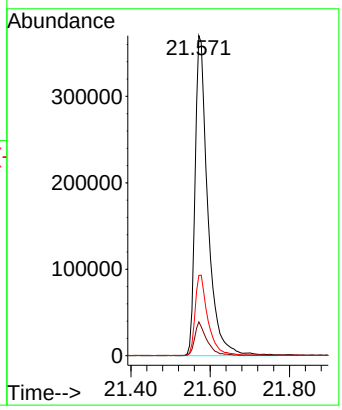


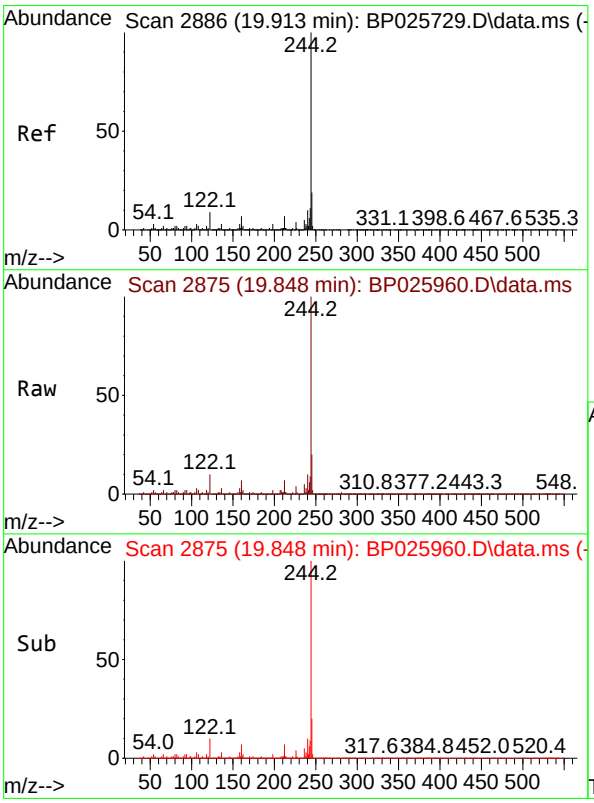
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Instrument :
BNA_P
ClientSampleId :
S-12(6.0-6.5)

Tgt Ion:240 Resp: 824798

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.0	12.0
236	25.1	20.7	31.1

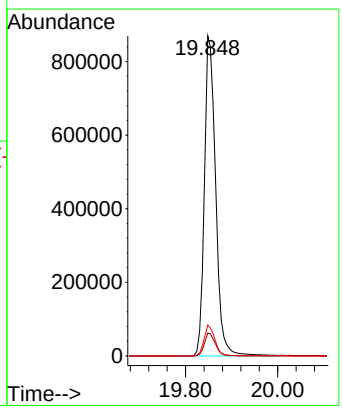


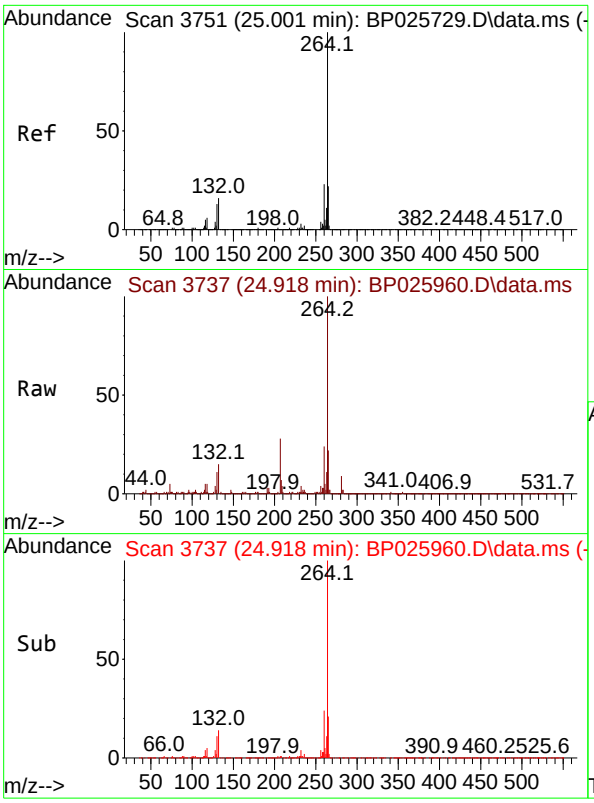


#79
Terphenyl-d14
Concen: 32.504 ng
RT: 19.848 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Tgt Ion:244 Resp: 1486774

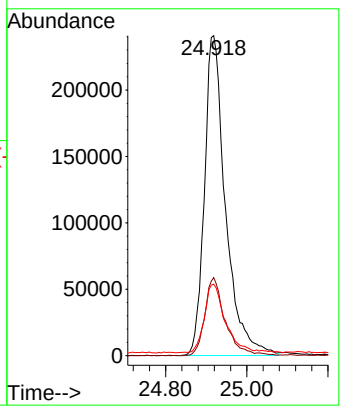
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	9.6	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025960.D
Acq: 08 Oct 2025 19:32

Instrument :
BNA_P
ClientSampleId :
S-12(6.0-6.5)

Tgt Ion:264 Resp: 868398

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	22.3	17.3	25.9