Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120825\
Data File : BP026255.D
Acq On : 08 Dec 2025 17:08
Operator : RC/JU
Sample : PB170839BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170839BL

Quant Time: Dec 08 17:29:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	196288	20.000	ng	0.00
21) Naphthalene-d8	10.419	136	746928	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	475521	20.000	ng	0.00
64) Phenanthrene-d10	17.089	188	940783	20.000	ng	0.00
76) Chrysene-d12	21.525	240	1076574	20.000	ng	-0.01
86) Perylene-d12	24.818	264	1279345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1665643	136.424	ng	0.00
7) Phenol-d6	6.837	99	2004441	130.061	ng	0.00
23) Nitrobenzene-d5	8.790	82	1169696	89.138	ng	0.00
42) 2,4,6-Tribromophenol	15.795	330	874236	141.371	ng	-0.01
45) 2-Fluorobiphenyl	12.890	172	2942362	89.961	ng	-0.01
79) Terphenyl-d14	19.825	244	5016392	95.238	ng	-0.01
Target Compounds						Qvalue

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

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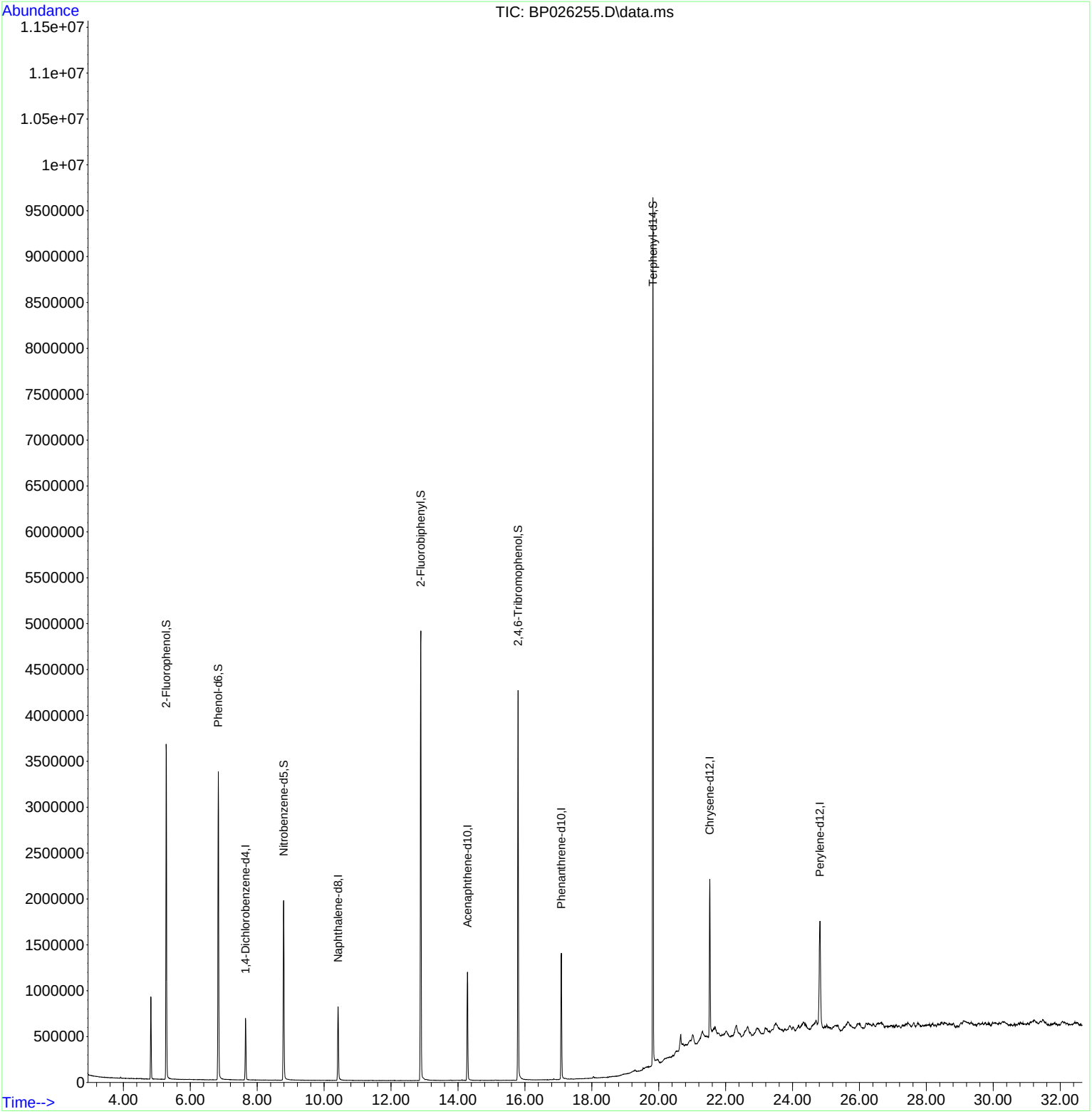
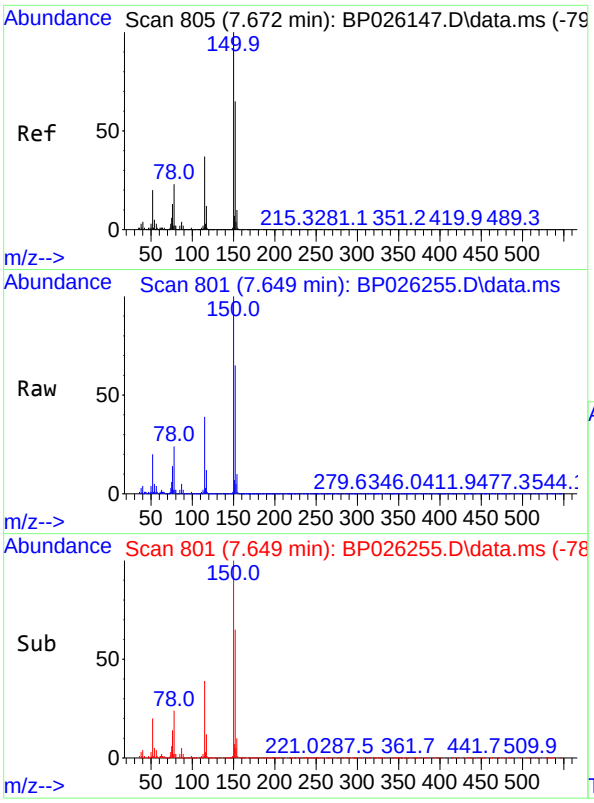


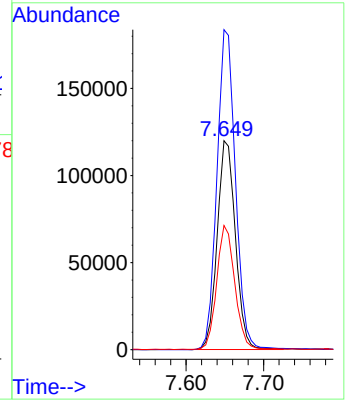


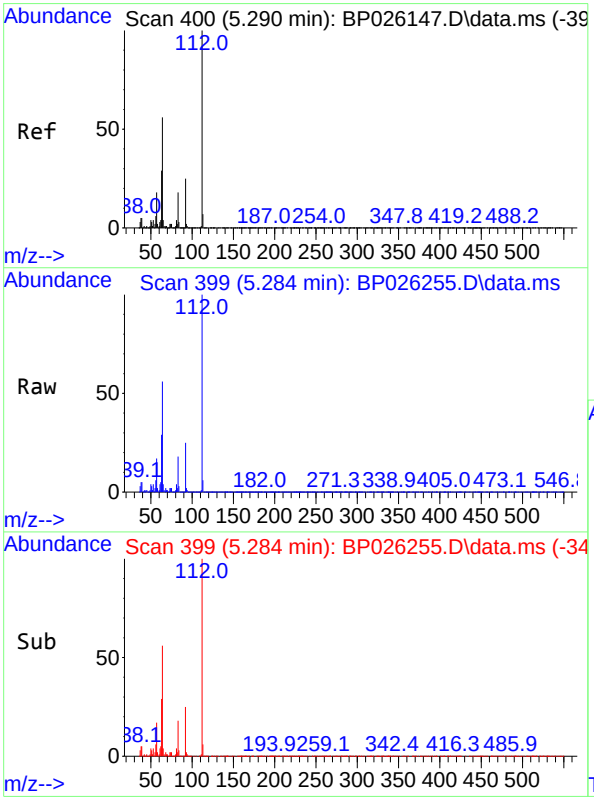
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026255.D
Acq: 08 Dec 2025 17:08

Instrument :
BNA_P
ClientSampleId :
PB170839BL

Tgt Ion:152 Resp: 196288

Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.0	184.6
115	59.4	46.3	69.5

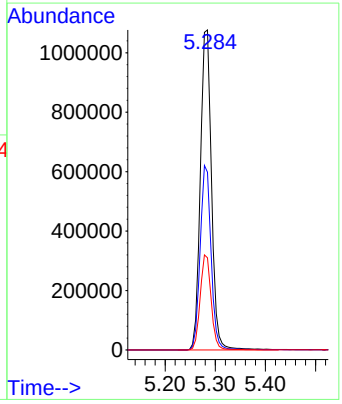


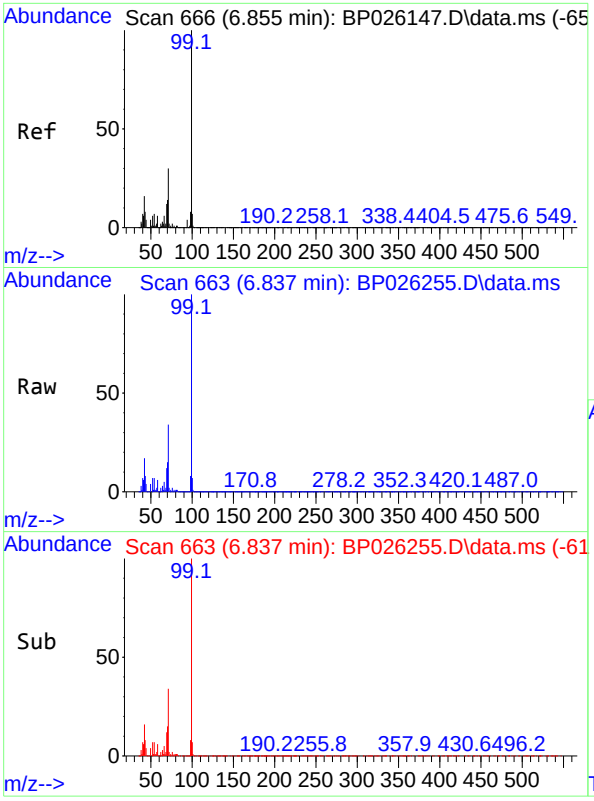


#5
2-Fluorophenol
Concen: 136.424 ng
RT: 5.284 min Scan# 399
Delta R.T. 0.006 min
Lab File: BP026255.D
Acq: 08 Dec 2025 17:08

Tgt Ion:112 Resp: 1665643

Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.8	68.6
63	28.8	23.5	35.3



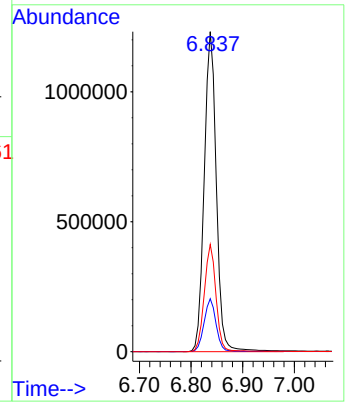


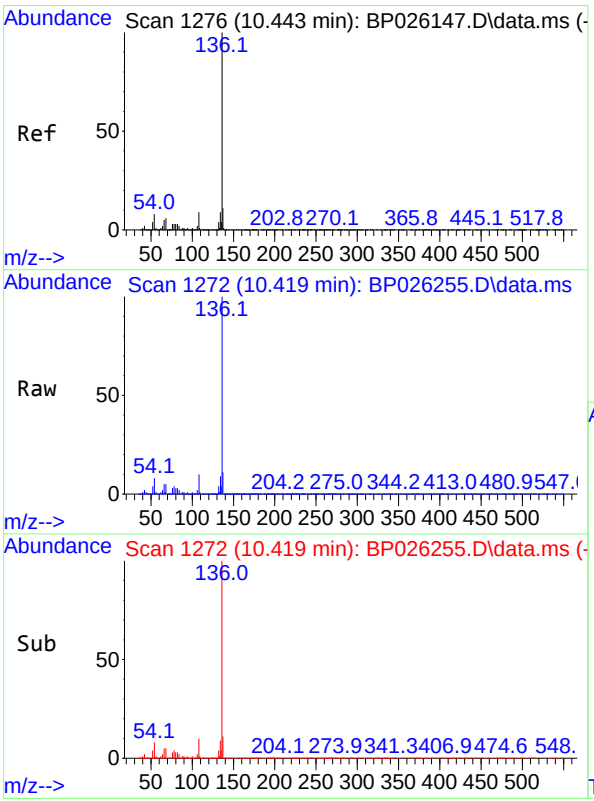
#7
Phenol-d6
Concen: 130.061 ng
RT: 6.837 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP026255.D
Acq: 08 Dec 2025 17:08

Instrument :
BNA_P
ClientSampleId :
PB170839BL

Tgt Ion: 99 Resp: 2004441

Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.9	19.3
71	33.5	24.8	37.2

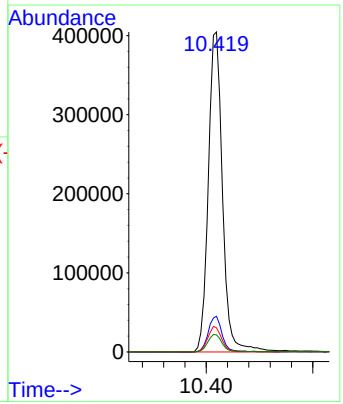


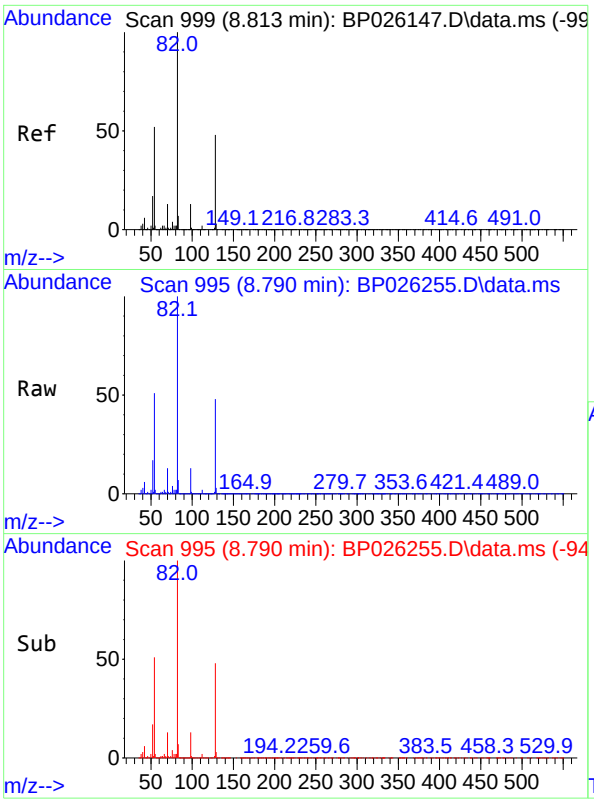


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BP026255.D
Acq: 08 Dec 2025 17:08

Tgt Ion:136 Resp: 746928

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.6	6.4	9.6
68	5.4	4.9	7.3



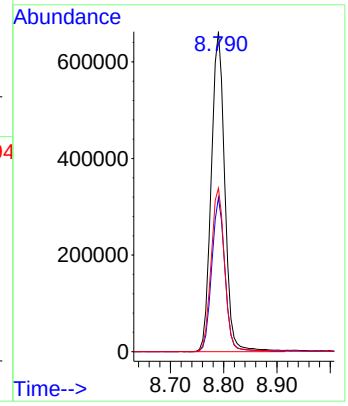


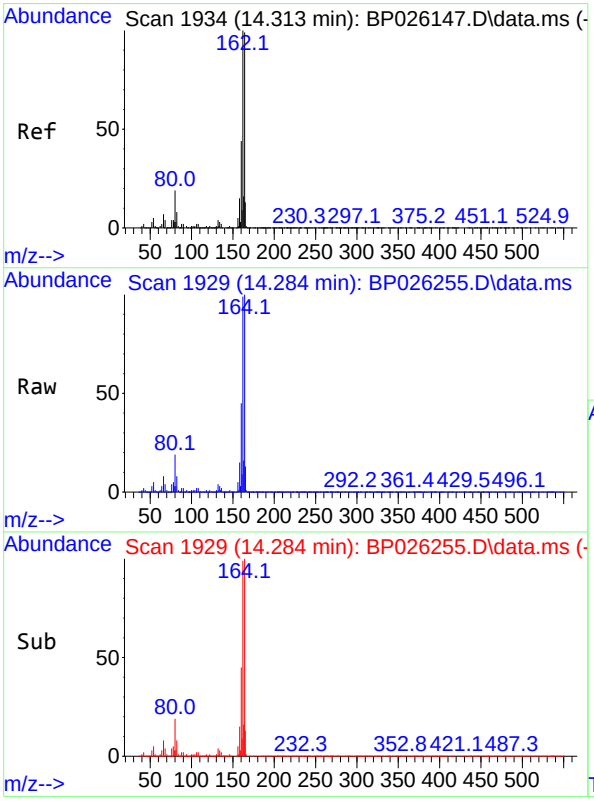
#23
Nitrobenzene-d5
Concen: 89.138 ng
RT: 8.790 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP026255.D
Acq: 08 Dec 2025 17:08

Instrument :
BNA_P
ClientSampleId :
PB170839BL

Tgt Ion: 82 Resp: 1169696

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.4	56.0
54	51.1	41.6	62.4

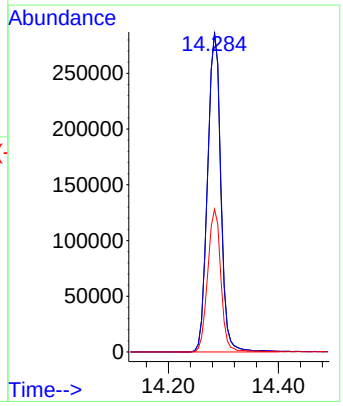


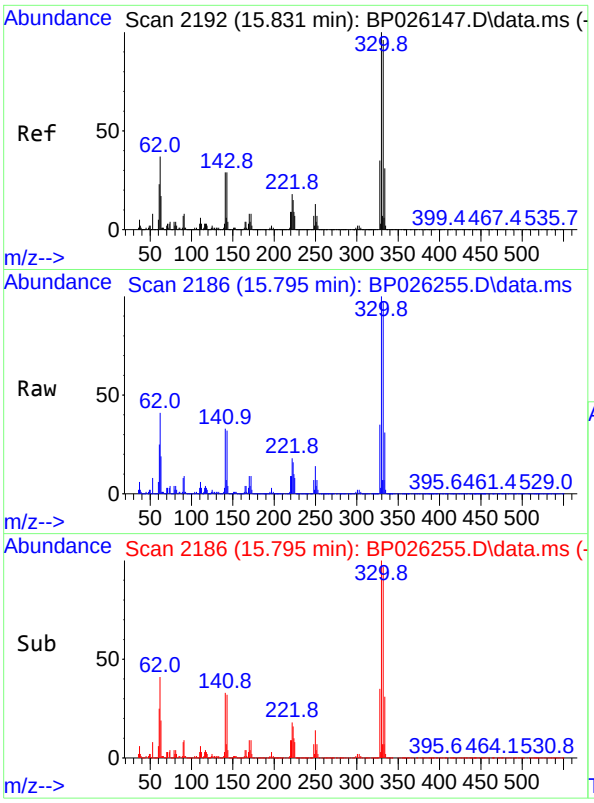


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026255.D
Acq: 08 Dec 2025 17:08

Tgt Ion:164 Resp: 475521

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.3	120.5
160	44.6	35.2	52.8



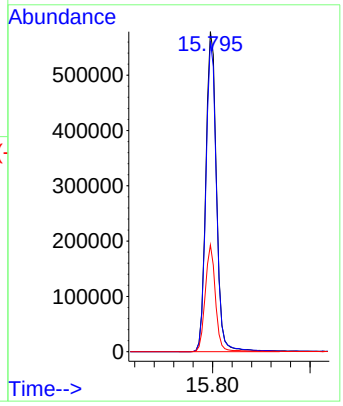


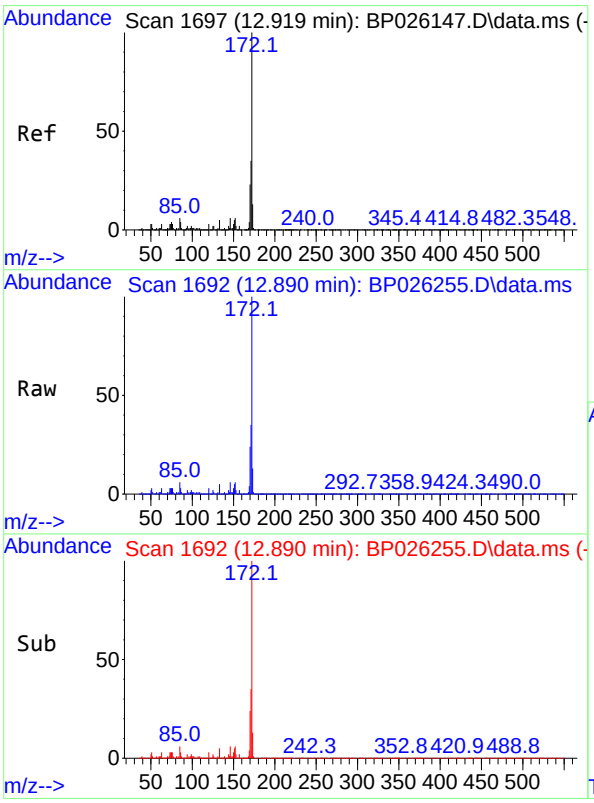
#42
2,4,6-Tribromophenol
Concen: 141.371 ng
RT: 15.795 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026255.D
Acq: 08 Dec 2025 17:08

Instrument :
BNA_P
ClientSampleId :
PB170839BL

Tgt Ion:330 Resp: 874236

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.0	117.0
141	32.2	26.8	40.2

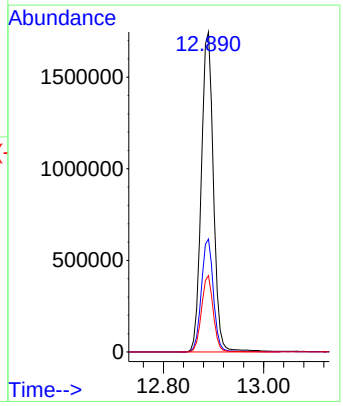


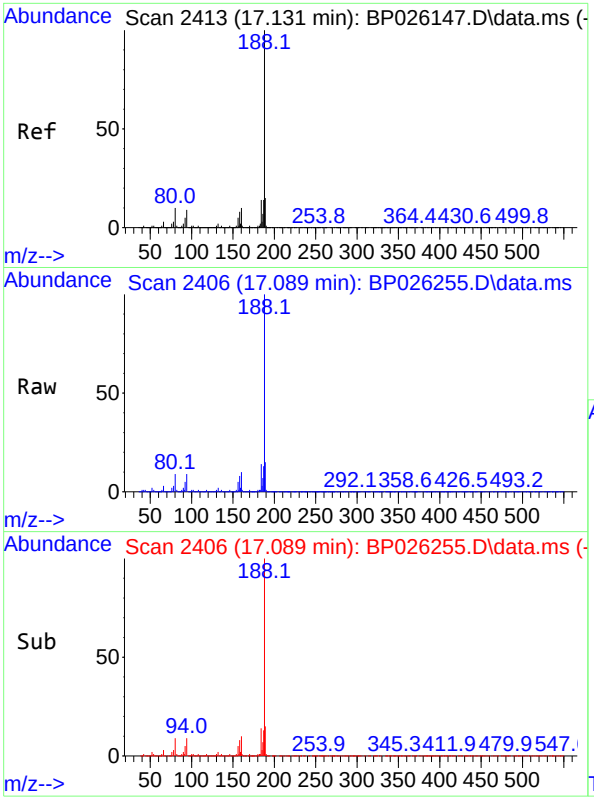


#45
2-Fluorobiphenyl
Concen: 89.961 ng
RT: 12.890 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BP026255.D
Acq: 08 Dec 2025 17:08

Tgt Ion:172 Resp: 2942362

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.9	18.7	28.1



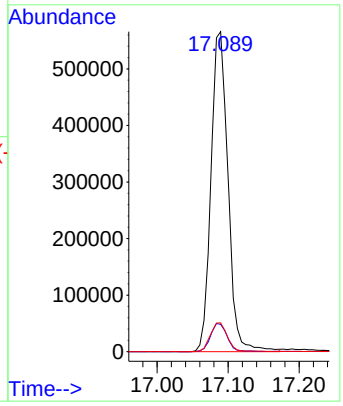


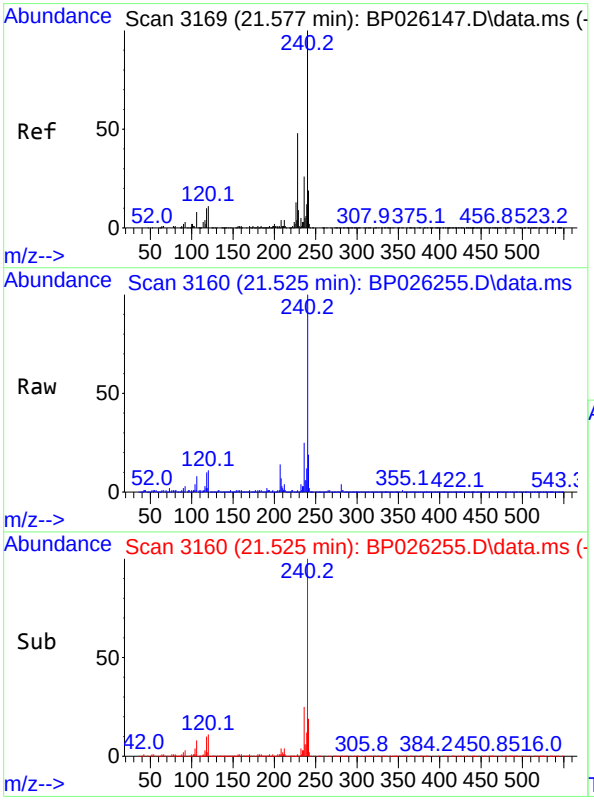
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026255.D
Acq: 08 Dec 2025 17:08

Instrument :
BNA_P
ClientSampleId :
PB170839BL

Tgt Ion:188 Resp: 940783

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.8	11.6
80	9.0	8.2	12.2

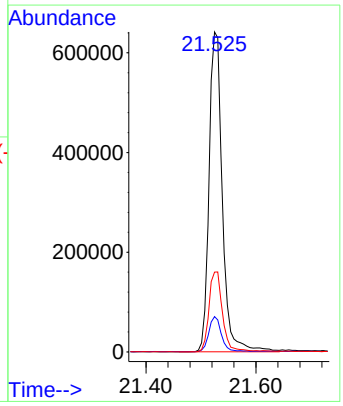


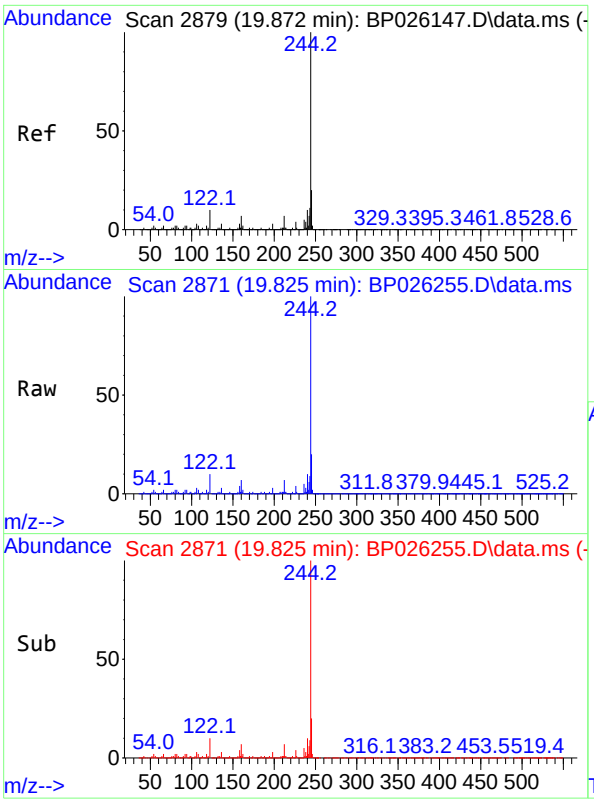


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.525 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP026255.D
Acq: 08 Dec 2025 17:08

Tgt Ion:240 Resp: 1076574

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.4
236	24.9	20.4	30.6



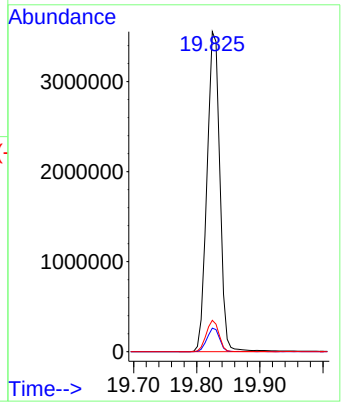


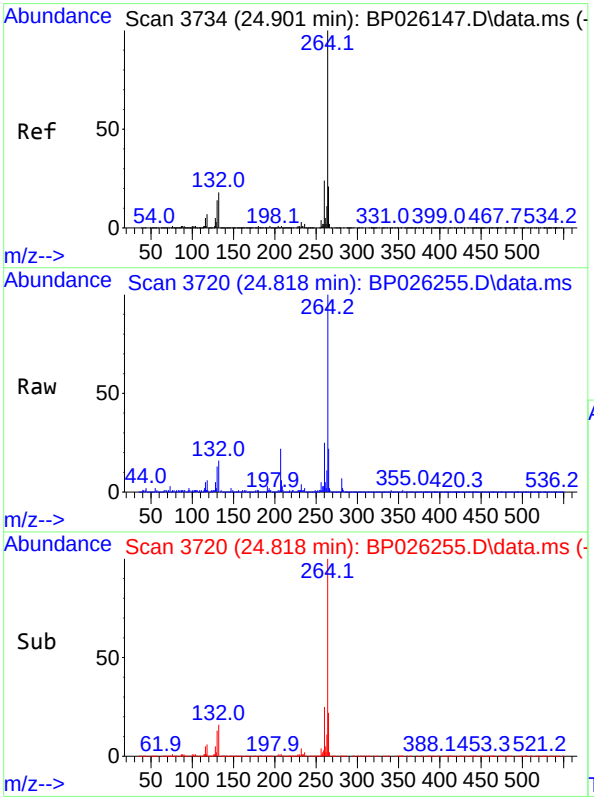
#79
Terphenyl-d14
Concen: 95.238 ng
RT: 19.825 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026255.D
Acq: 08 Dec 2025 17:08

Instrument :
BNA_P
ClientSampleId :
PB170839BL

Tgt Ion:244 Resp: 5016392

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	9.8	8.2	12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.818 min Scan# 3720
Delta R.T. -0.006 min
Lab File: BP026255.D
Acq: 08 Dec 2025 17:08

Tgt Ion:264 Resp: 1279345

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.3	17.5	26.3