Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
Data File : BP026310.D
Acq On : 12 Dec 2025 12:53
Operator : RC/JU
Sample : Q3839-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AM5

Quant Time: Dec 12 13:14:02 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	152582	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	607627	20.000	ng	0.00
39) Acenaphthene-d10	14.278	164	400837	20.000	ng	-0.01
64) Phenanthrene-d10	17.083	188	853435	20.000	ng	-0.01
76) Chrysene-d12	21.530	240	1080137	20.000	ng	0.00
86) Perylene-d12	24.818	264	1356846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	794113	83.672	ng	0.00
7) Phenol-d6	6.837	99	983914	82.130	ng	0.00
23) Nitrobenzene-d5	8.790	82	578702	54.211	ng	0.00
42) 2,4,6-Tribromophenol	15.789	330	499846	95.889	ng	-0.02
45) 2-Fluorobiphenyl	12.884	172	1392770	50.517	ng	-0.02
79) Terphenyl-d14	19.830	244	2529357	47.863	ng	0.00
Target Compounds						Qvalue

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

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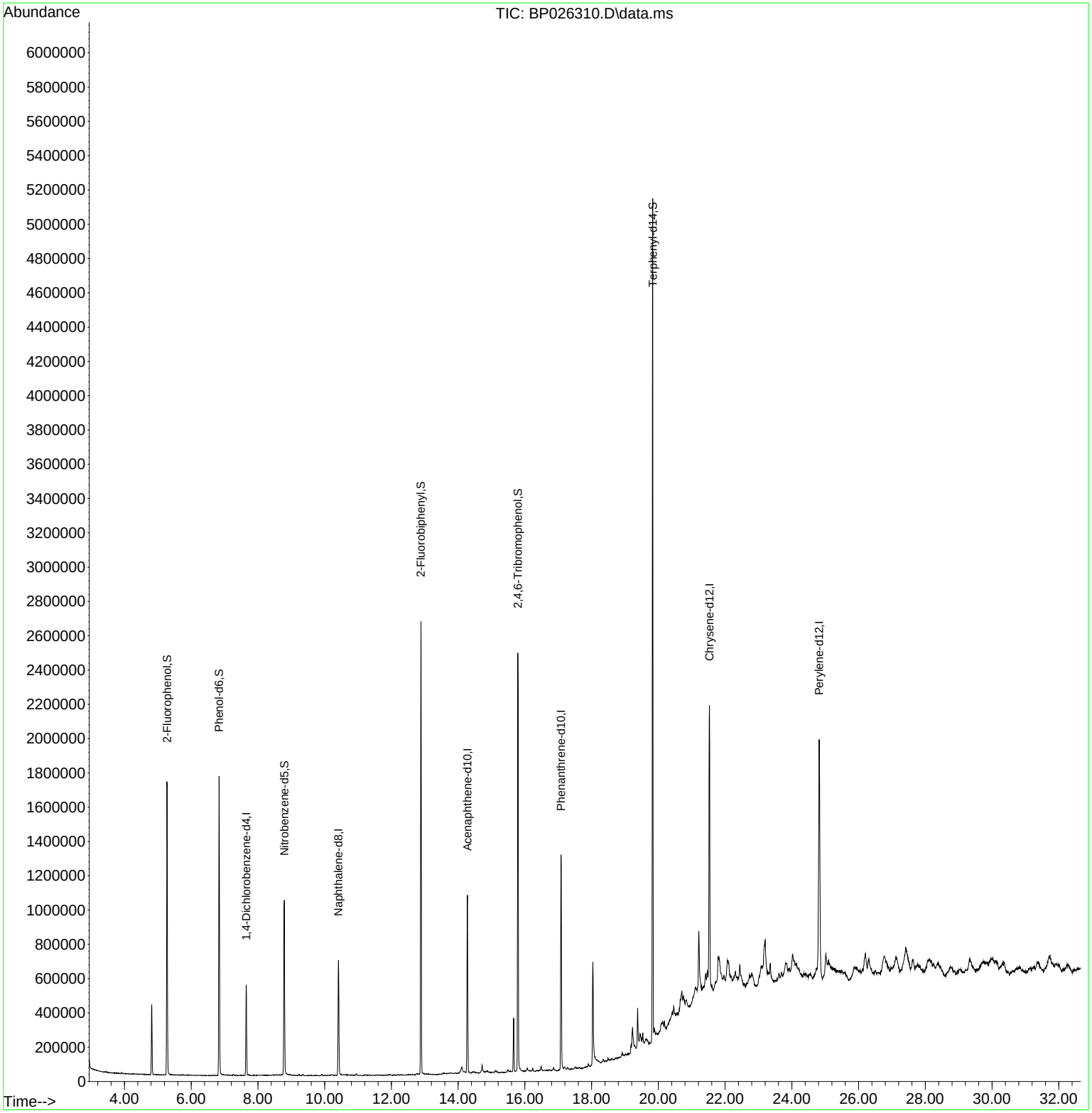
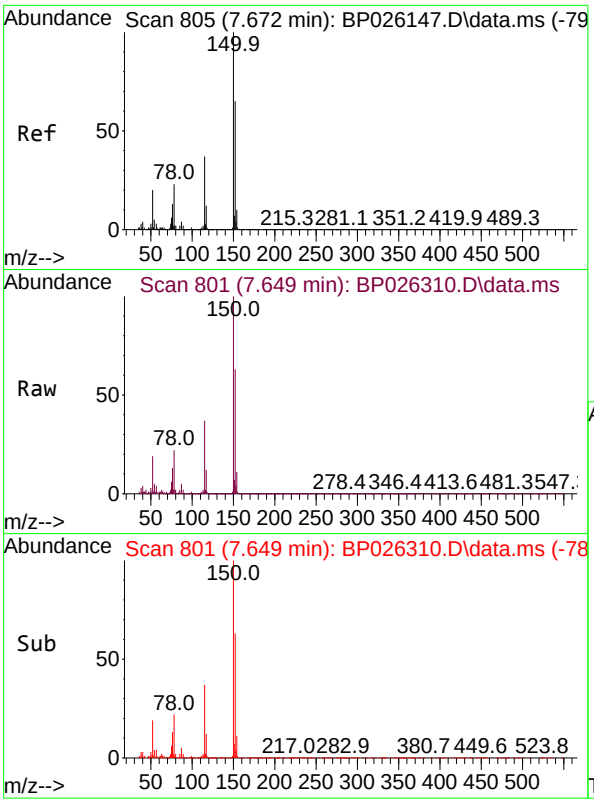


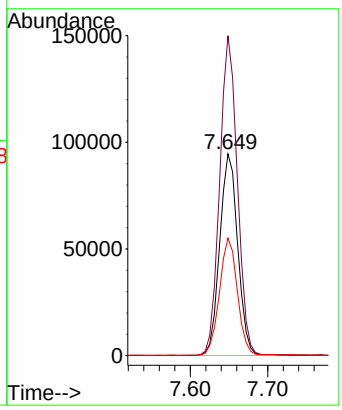


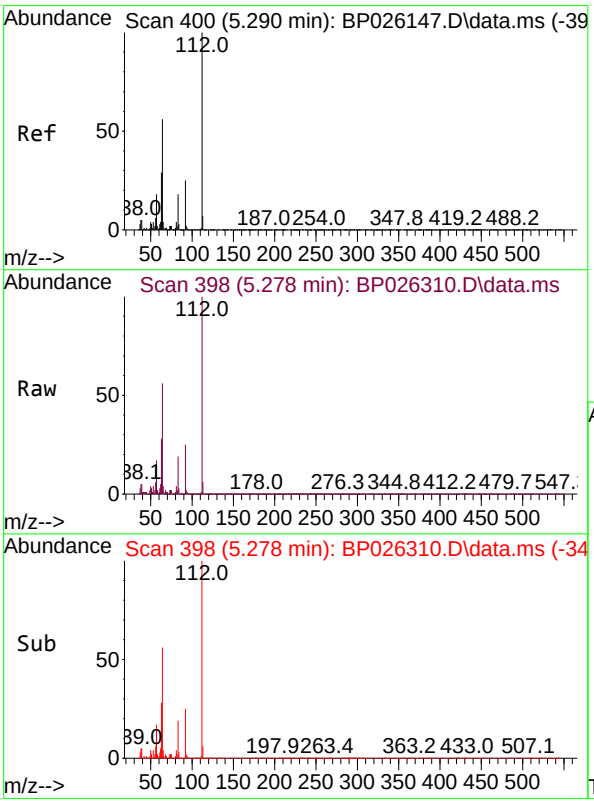
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Instrument :
BNA_P
ClientSampleId :
C0AM5

Tgt Ion:152 Resp: 152582

Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.0	184.6
115	58.3	46.3	69.5

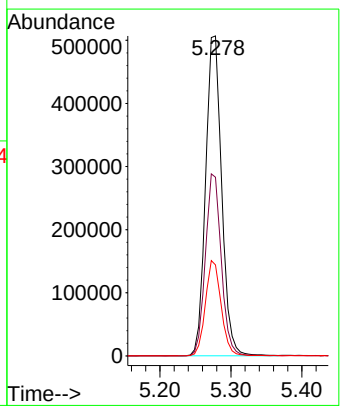


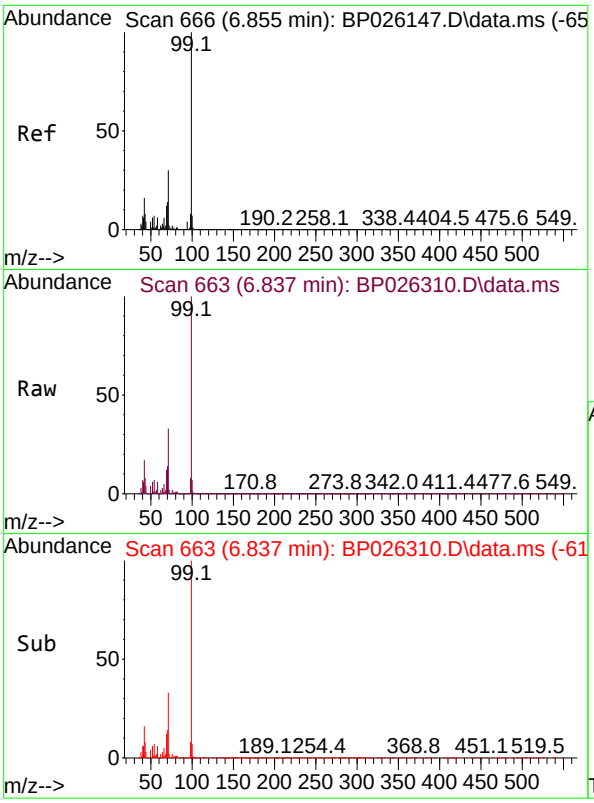


#5
2-Fluorophenol
Concen: 83.672 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Tgt Ion:112 Resp: 794113

Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.8	68.6
63	28.4	23.5	35.3



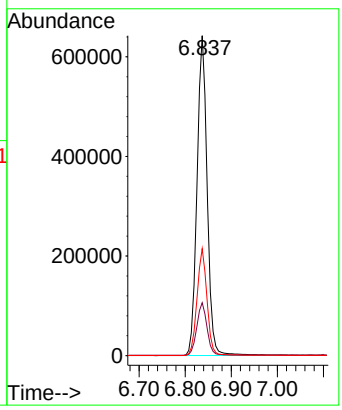


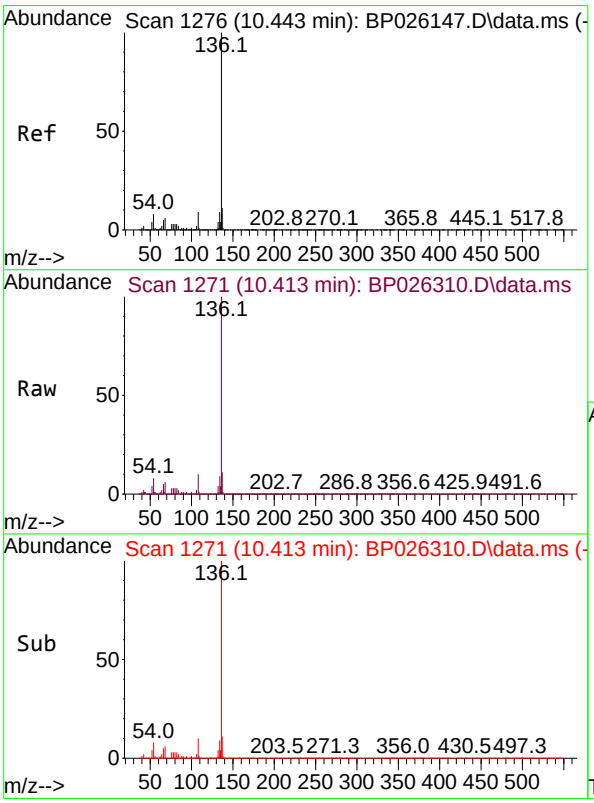
#7
Phenol-d6
Concen: 82.130 ng
RT: 6.837 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Instrument :
BNA_P
ClientSampleId :
C0AM5

Tgt Ion: 99 Resp: 983914

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

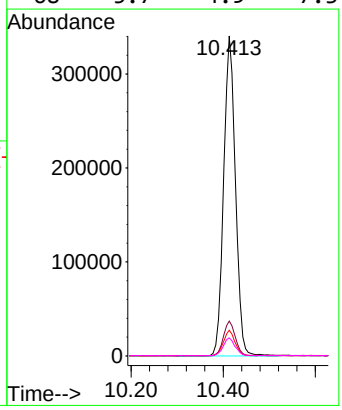


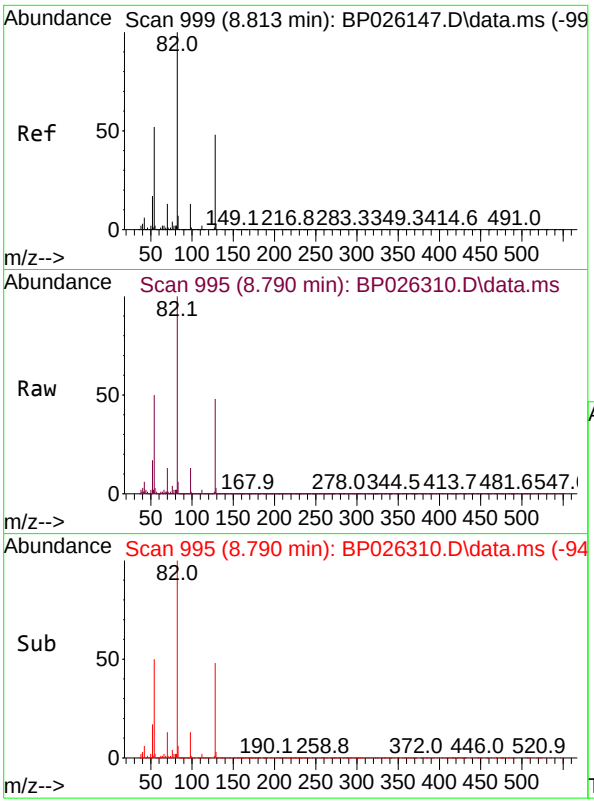


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Tgt Ion:136 Resp: 607627

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.0	6.4	9.6
68	5.7	4.9	7.3



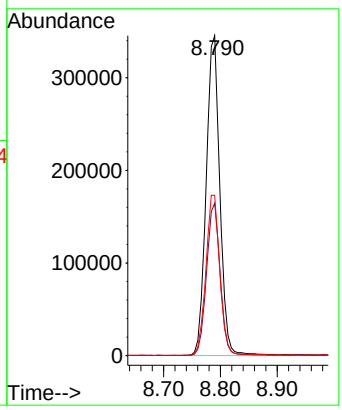


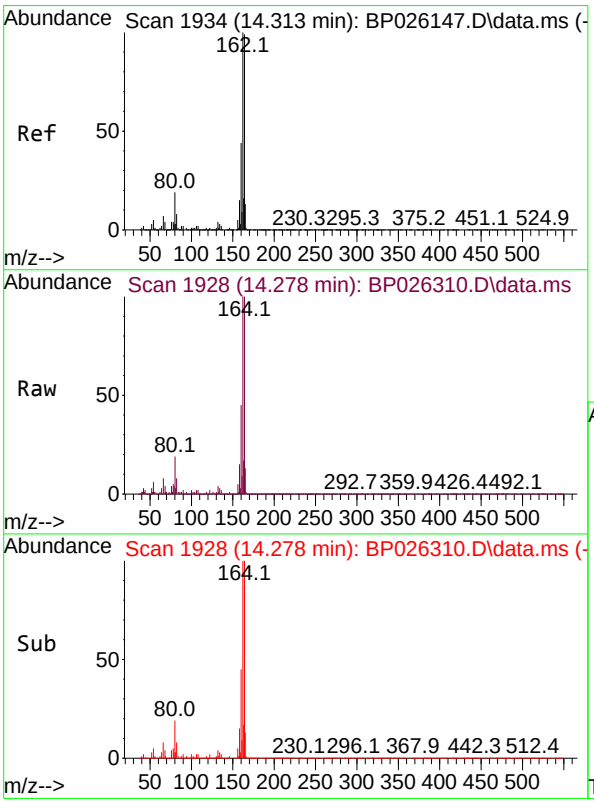
#23
Nitrobenzene-d5
Concen: 54.211 ng
RT: 8.790 min Scan# 99
Delta R.T. -0.000 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Instrument :
BNA_P
ClientSampleId :
C0AM5

Tgt Ion: 82 Resp: 578702

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.4	56.0
54	50.1	41.6	62.4

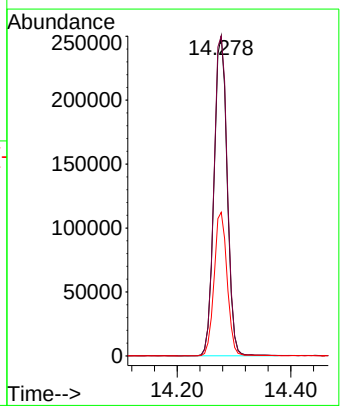


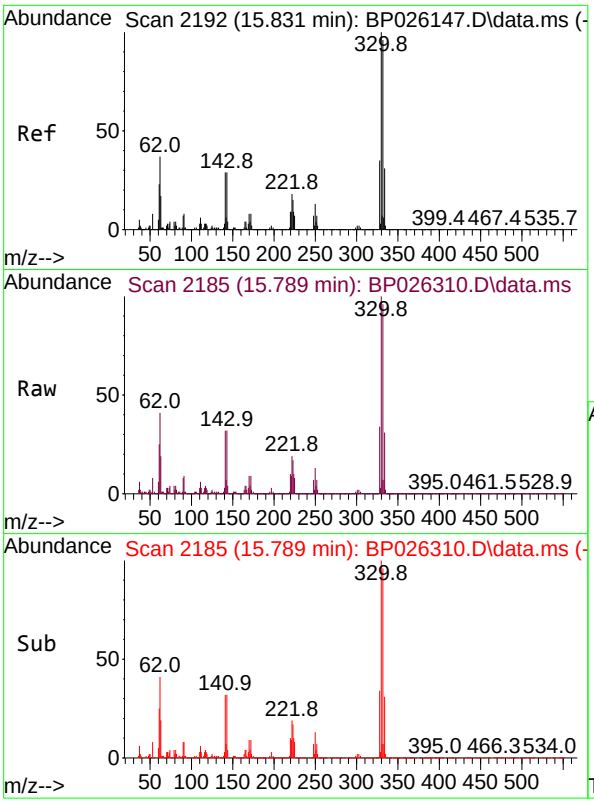


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.278 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Tgt Ion:164 Resp: 400837

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.3	120.5
160	44.9	35.2	52.8



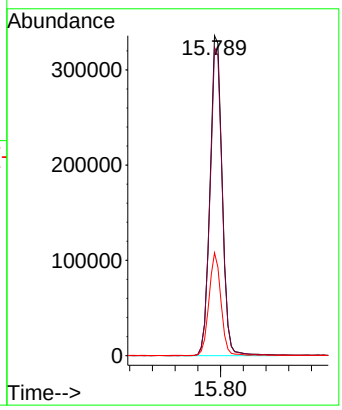


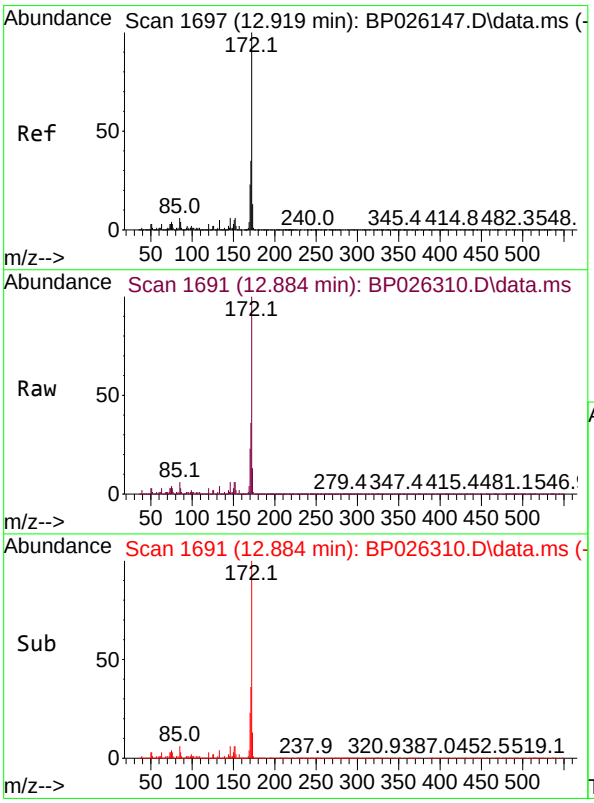
#42
2,4,6-Tribromophenol
Concen: 95.889 ng
RT: 15.789 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Instrument :
BNA_P
ClientSampleId :
C0AM5

Tgt Ion:330 Resp: 499846

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.0	117.0
141	31.4	26.8	40.2

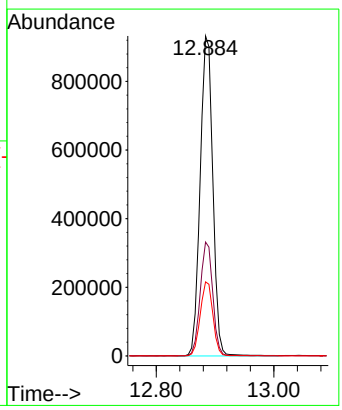


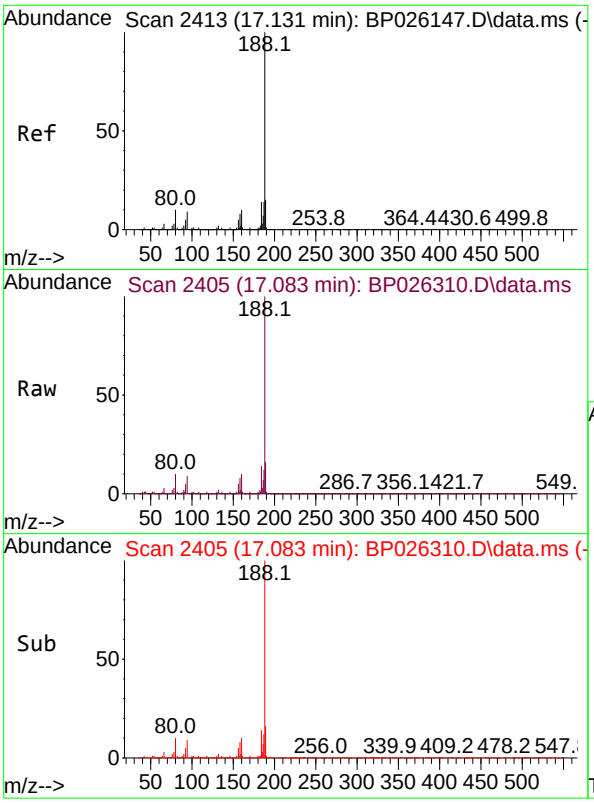


#45
2-Fluorobiphenyl
Concen: 50.517 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Tgt Ion:172 Resp: 1392770

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.1	18.7	28.1



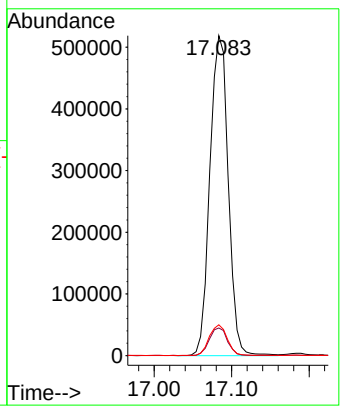


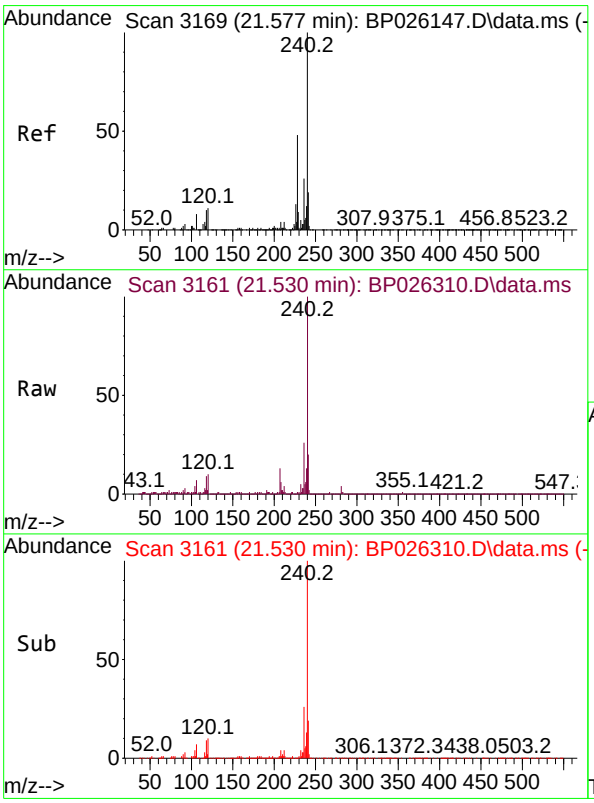
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.083 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Instrument :
BNA_P
ClientSampleId :
C0AM5

Tgt Ion:188 Resp: 853435

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.8	11.6
80	9.7	8.2	12.2

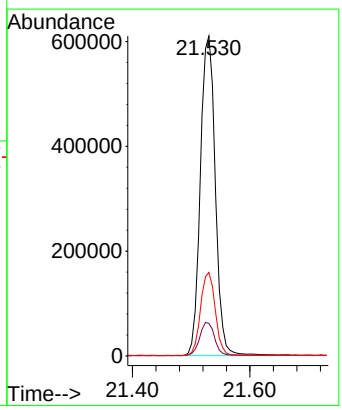


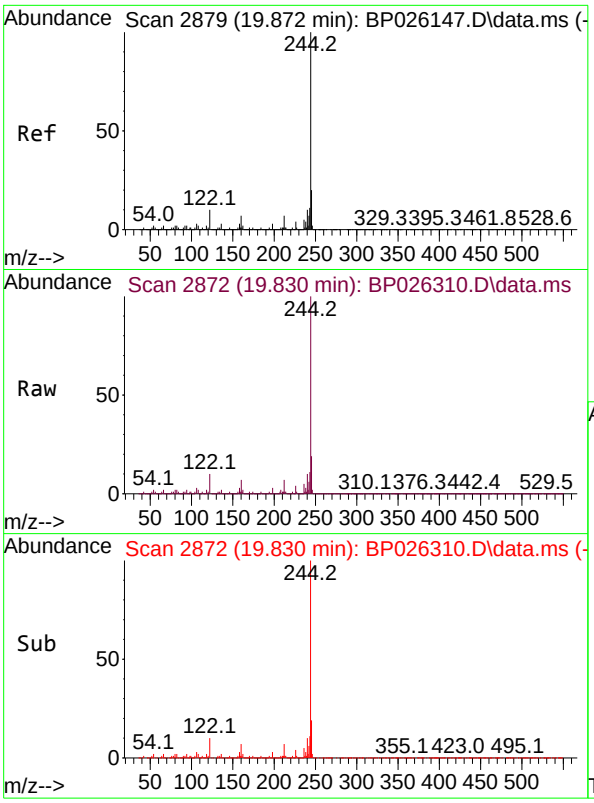


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Tgt Ion:240 Resp: 1080137

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.0	13.4
236	26.1	20.4	30.6



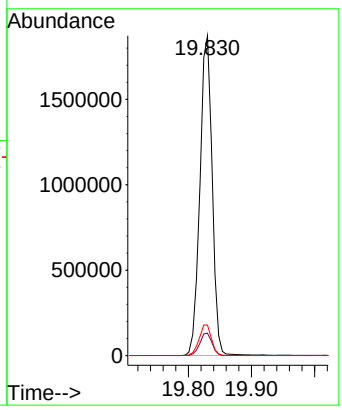


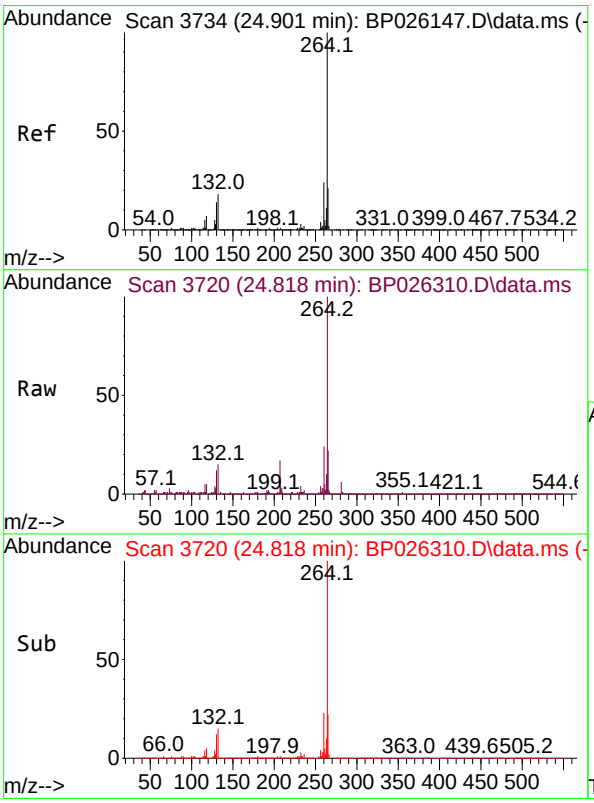
#79
Terphenyl-d14
Concen: 47.863 ng
RT: 19.830 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026310.D
Acq: 12 Dec 2025 12:53

Instrument :
BNA_P
ClientSampleId :
C0AM5

Tgt Ion:244 Resp: 2529357

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.5	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: BP026310.D
Acq: 12 Dec 2025 12:53

Tgt Ion:264 Resp: 1356846

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.4	17.5	26.3