Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025085.D
Acq On : 10 Jul 2025 16:15
Operator : CG/JU
Sample : Q2527-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LAW-PAD-070825

Quant Time: Jul 10 16:41:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	665648	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2626246	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	1686125	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	3248598	20.000	ng	0.00
76) Chrysene-d12	21.336	240	3342193	20.000	ng	0.00
86) Perylene-d12	24.471	264	3088694	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1802603	47.982	ng	0.00
7) Phenol-d6	6.625	99	2437782	49.725	ng	0.00
23) Nitrobenzene-d5	8.560	82	1510219	38.244	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	1105907	55.521	ng	0.00
45) 2-Fluorobiphenyl	12.689	172	4175197	38.361	ng	0.00
79) Terphenyl-d14	19.677	244	7172834	47.168	ng	0.00
Target Compounds						Qvalue

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

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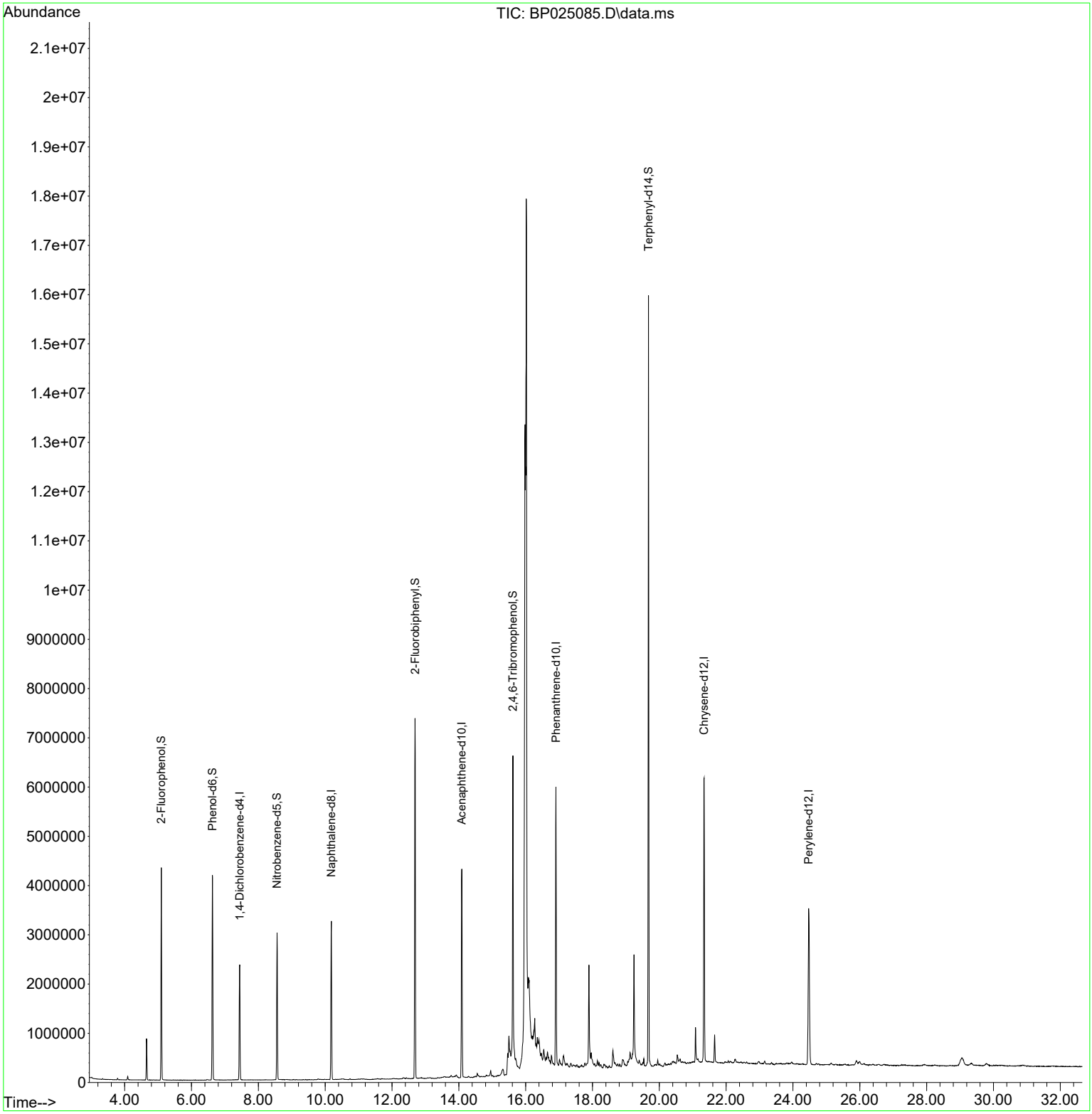
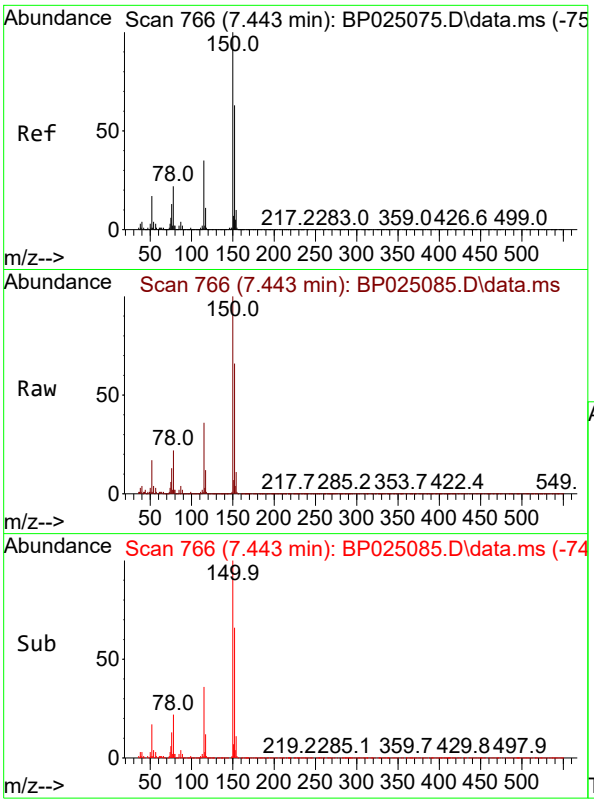


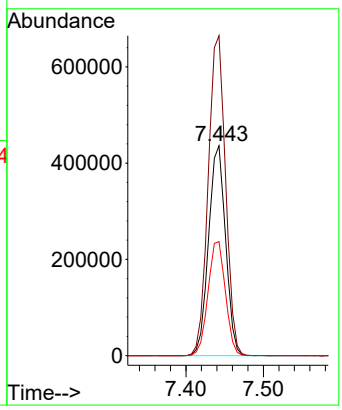


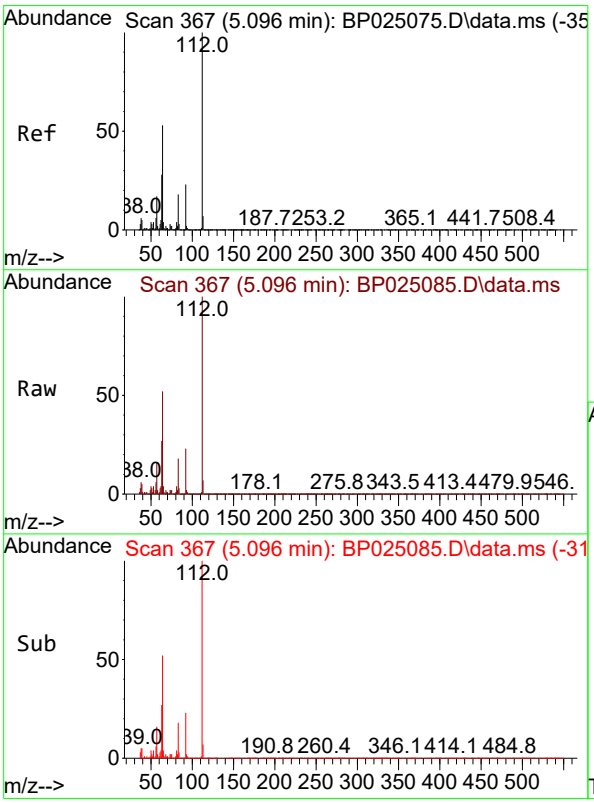
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025085.D
Acq: 10 Jul 2025 16:15

Instrument :
BNA_P
ClientSampleId :
LAW-PAD-070825

Tgt Ion:152 Resp: 665648

Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.1	189.1
115	54.4	44.3	66.5

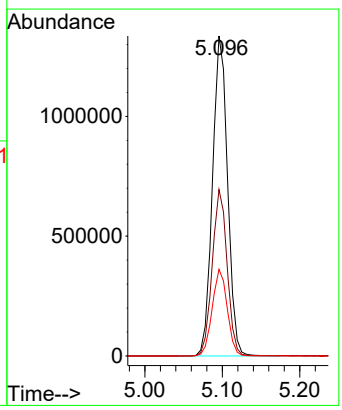


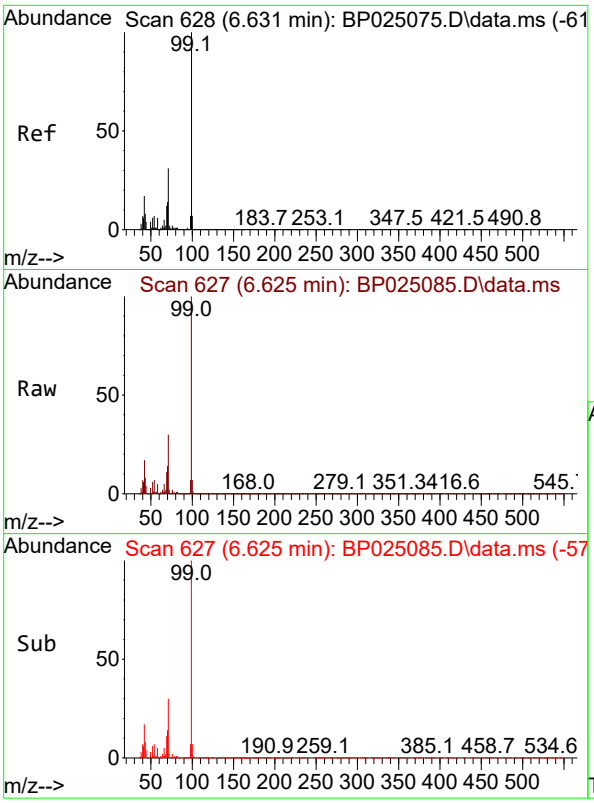


#5
2-Fluorophenol
Concen: 47.982 ng
RT: 5.096 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP025085.D
Acq: 10 Jul 2025 16:15

Tgt Ion:112 Resp: 1802603

Ion	Ratio	Lower	Upper
112	100		
64	52.0	42.0	63.0
63	27.1	22.2	33.2



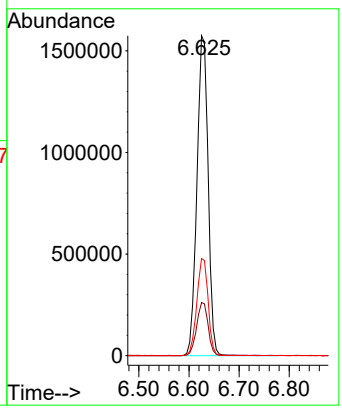


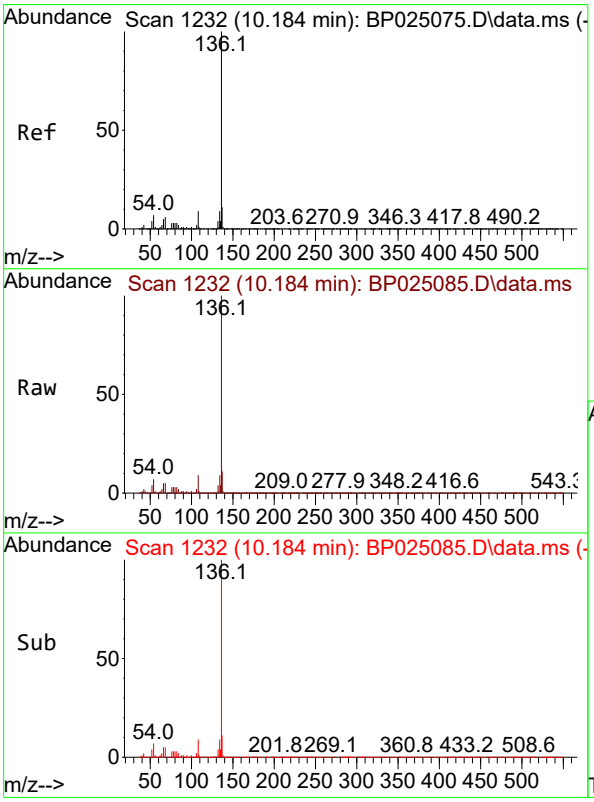
#7
Phenol-d6
Concen: 49.725 ng
RT: 6.625 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025085.D
Acq: 10 Jul 2025 16:15

Instrument :
BNA_P
ClientSampleId :
LAW-PAD-070825

Tgt Ion: 99 Resp: 2437782

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.6	20.4
71	30.4	24.4	36.6

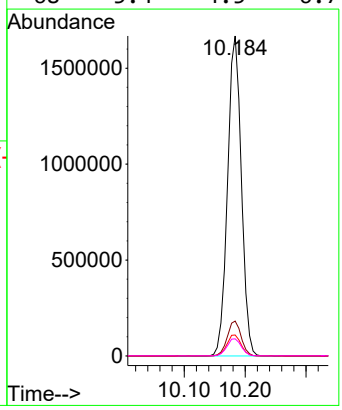


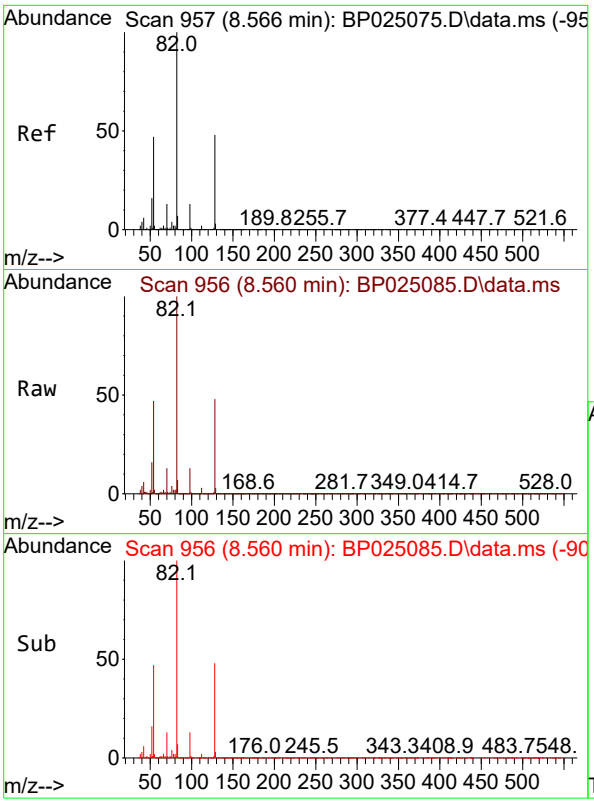


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BP025085.D
Acq: 10 Jul 2025 16:15

Tgt Ion:136 Resp: 2626246

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.6	5.4	8.2
68	5.4	4.5	6.7



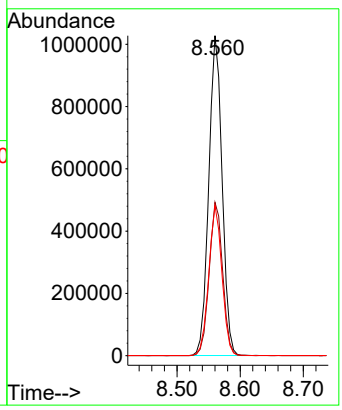


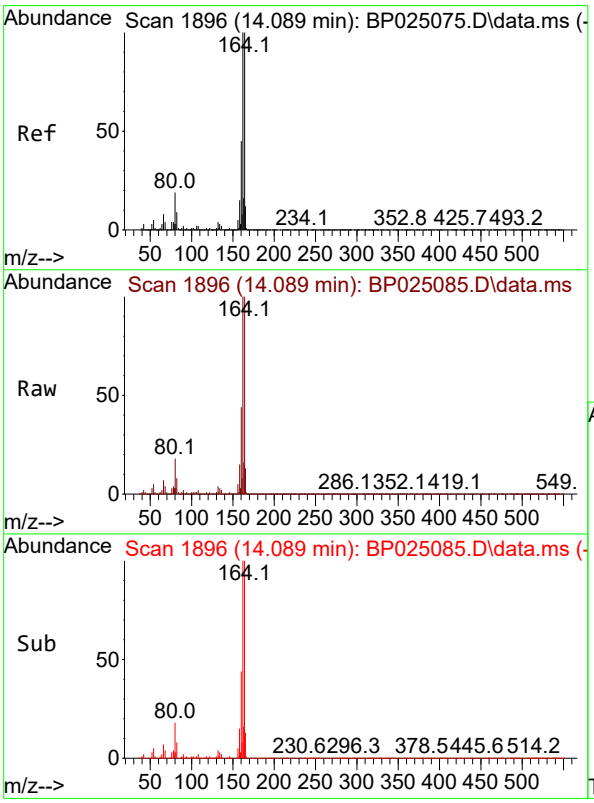
#23
Nitrobenzene-d5
Concen: 38.244 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025085.D
Acq: 10 Jul 2025 16:15

Instrument :
BNA_P
ClientSampleId :
LAW-PAD-070825

Tgt Ion: 82 Resp: 1510219

Ion	Ratio	Lower	Upper
82	100		
128	47.9	38.4	57.6
54	46.9	37.8	56.6

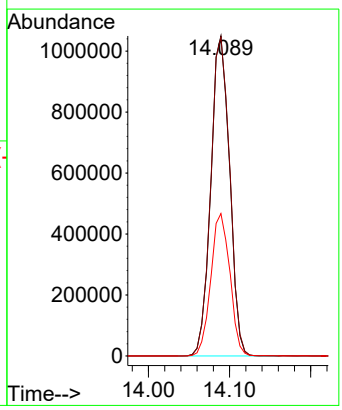


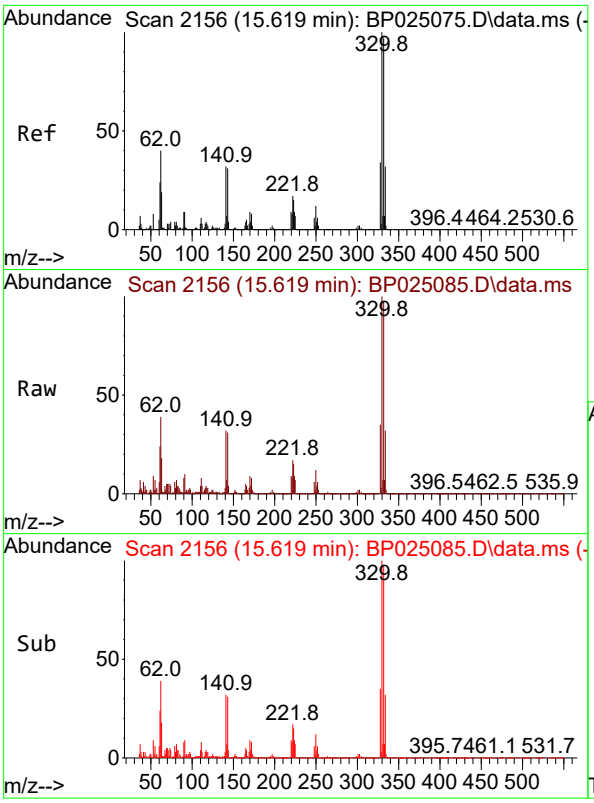


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP025085.D
Acq: 10 Jul 2025 16:15

Tgt Ion:164 Resp: 1686125

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.3	120.5
160	44.5	35.9	53.9



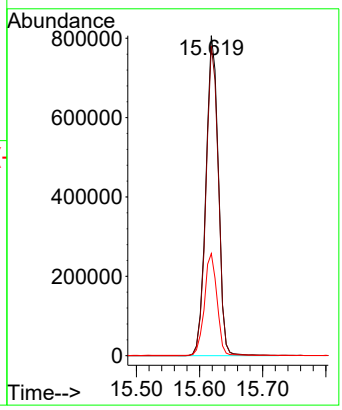


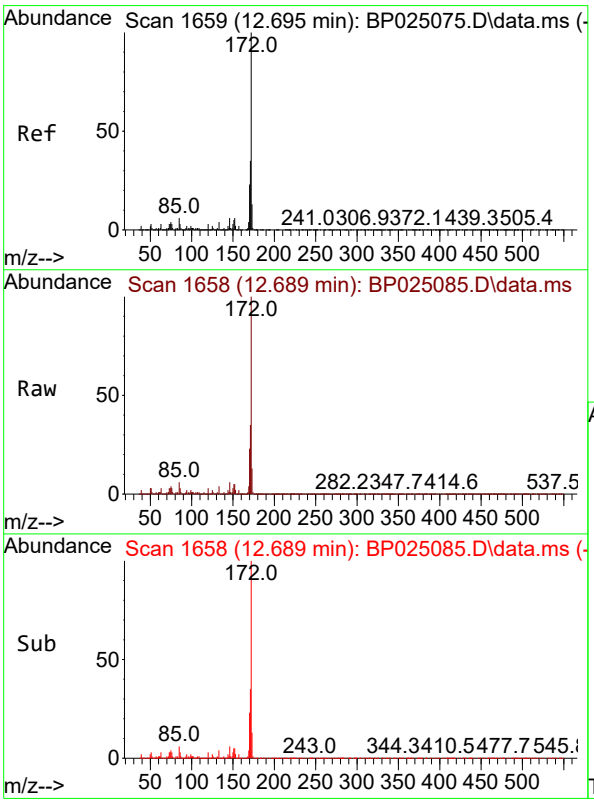
#42
2,4,6-Tribromophenol
Concen: 55.521 ng
RT: 15.619 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025085.D
Acq: 10 Jul 2025 16:15

Instrument :
BNA_P
ClientSampleId :
LAW-PAD-070825

Tgt Ion:330 Resp: 1105907

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	32.0	26.0	39.0

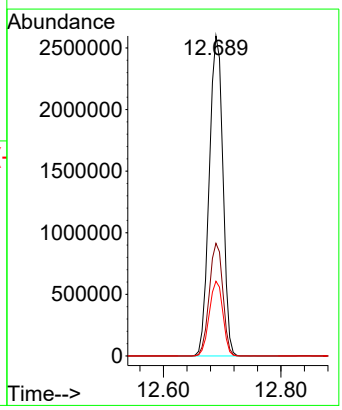


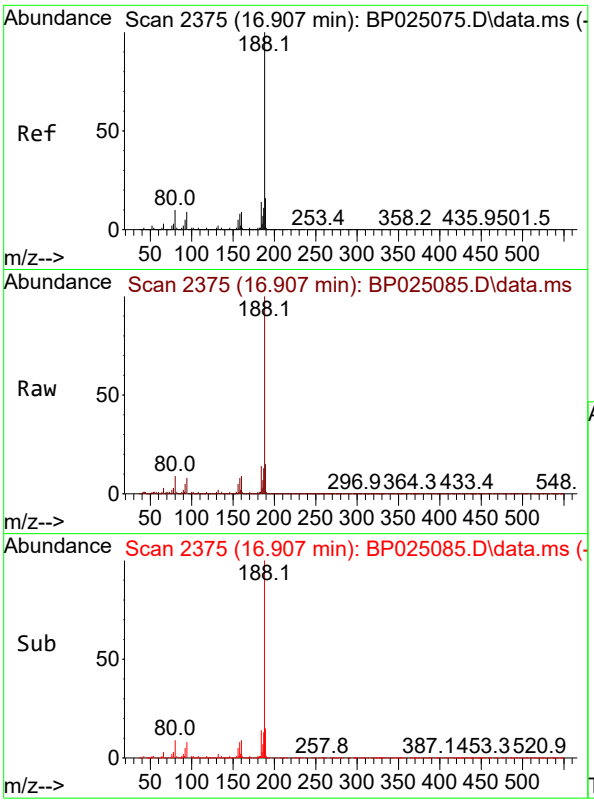


#45
2-Fluorobiphenyl
Concen: 38.361 ng
RT: 12.689 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025085.D
Acq: 10 Jul 2025 16:15

Tgt Ion:172 Resp: 4175197

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.3	18.7	28.1



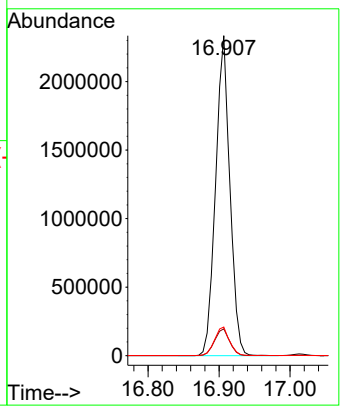


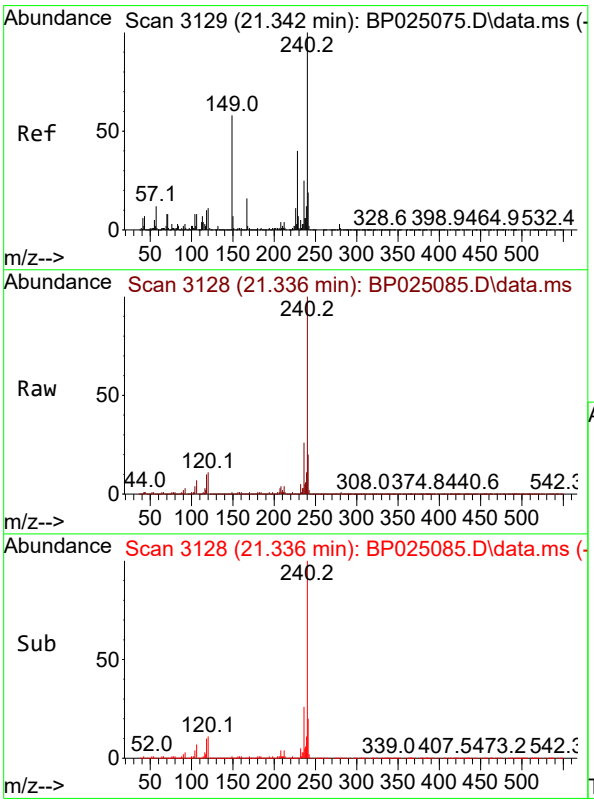
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025085.D
Acq: 10 Jul 2025 16:15

Instrument :
BNA_P
ClientSampleId :
LAW-PAD-070825

Tgt Ion:188 Resp: 3248598

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.3	10.9
80	8.9	7.8	11.6

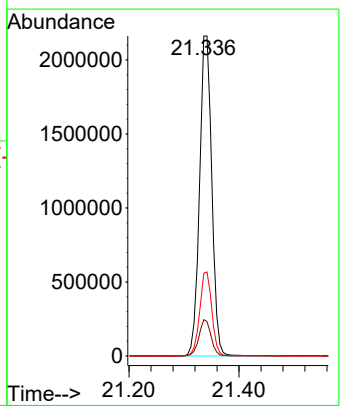


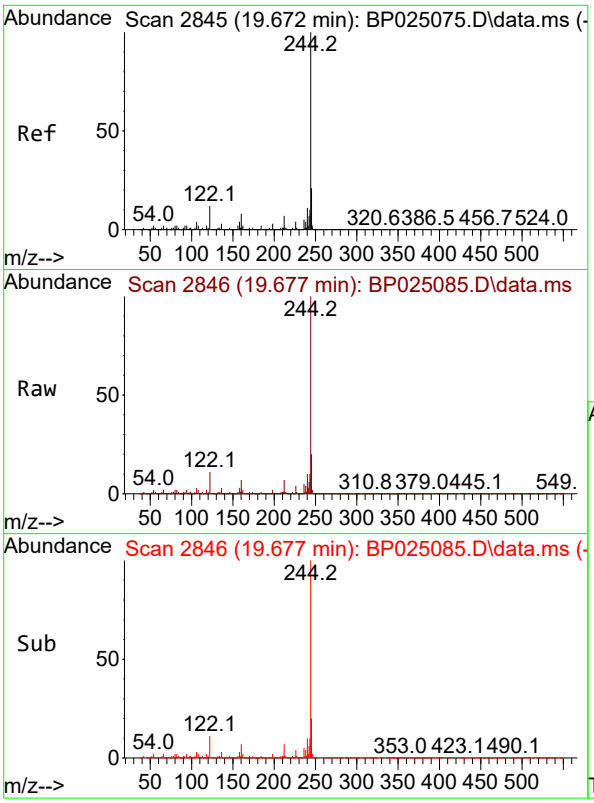


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025085.D
Acq: 10 Jul 2025 16:15

Tgt Ion:240 Resp: 3342193

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.4
236	25.9	20.3	30.5



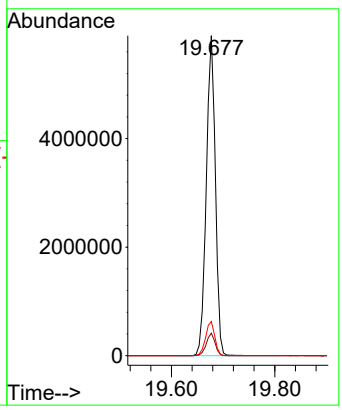


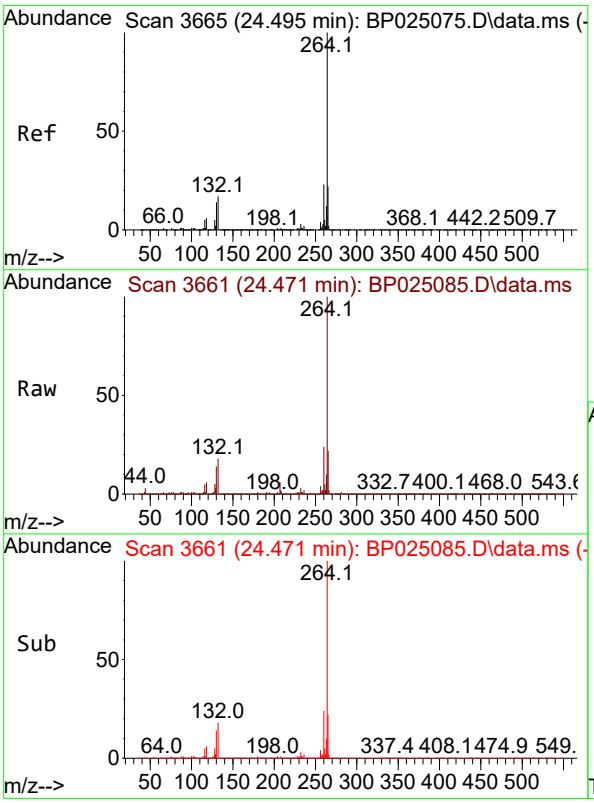
#79
Terphenyl-d14
Concen: 47.168 ng
RT: 19.677 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025085.D
Acq: 10 Jul 2025 16:15

Instrument :
BNA_P
ClientSampleId :
LAW-PAD-070825

Tgt Ion:244 Resp: 7172834

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.7	9.4	14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3661
Delta R.T. -0.024 min
Lab File: BP025085.D
Acq: 10 Jul 2025 16:15

Tgt Ion:264 Resp: 3088694

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.5	17.7	26.5