Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024695.D
Acq On : 19 May 2025 18:59
Operator : RC/JU
Sample : Q2068-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LAW-25-0074

Quant Time: May 20 03:46:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	111988	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	458830	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	296128	20.000	ng	-0.02
64) Phenanthrene-d10	17.104	188	637889	20.000	ng	0.00
76) Chrysene-d12	21.533	240	850839	20.000	ng	0.01
86) Perylene-d12	24.827	264	1063203	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	55029	8.404	ng	0.01
7) Phenol-d6	6.881	99	58560	7.008	ng	0.03
23) Nitrobenzene-d5	8.816	82	37332	4.111	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	39327	7.834	ng	0.02
45) 2-Fluorobiphenyl	12.899	172	110950	4.909	ng	0.00
79) Terphenyl-d14	19.828	244	241700	4.871	ng	0.02
Target Compounds						Qvalue

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

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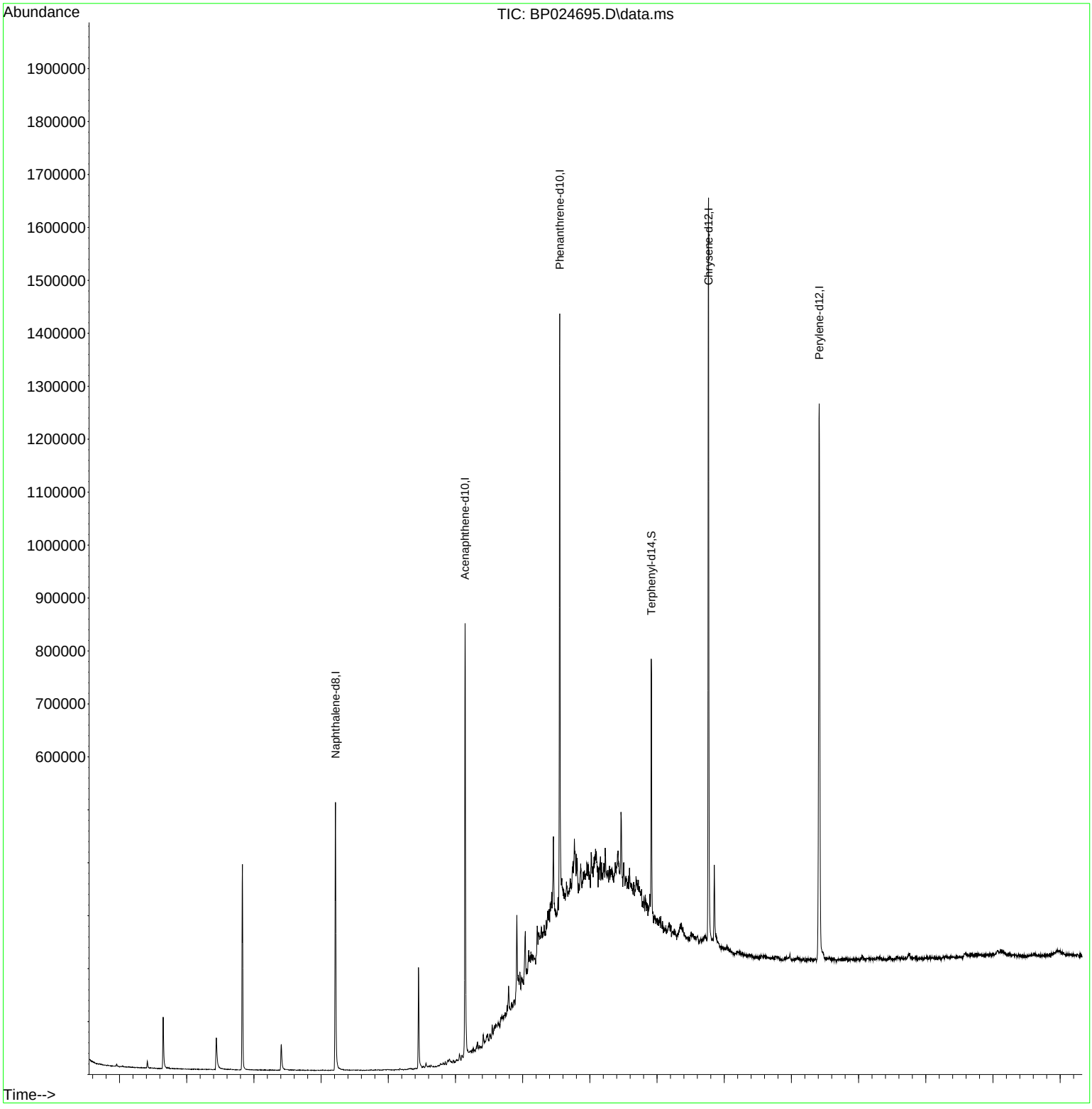
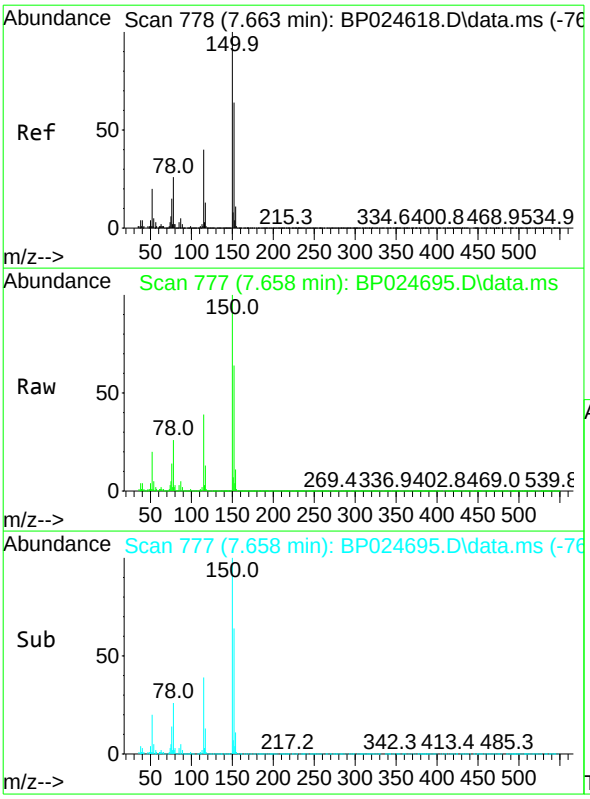


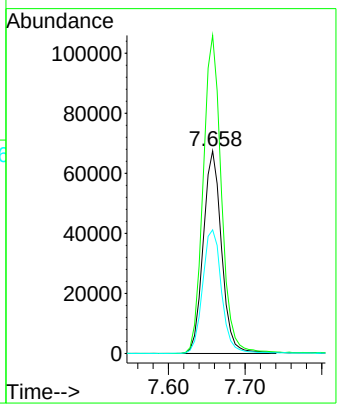


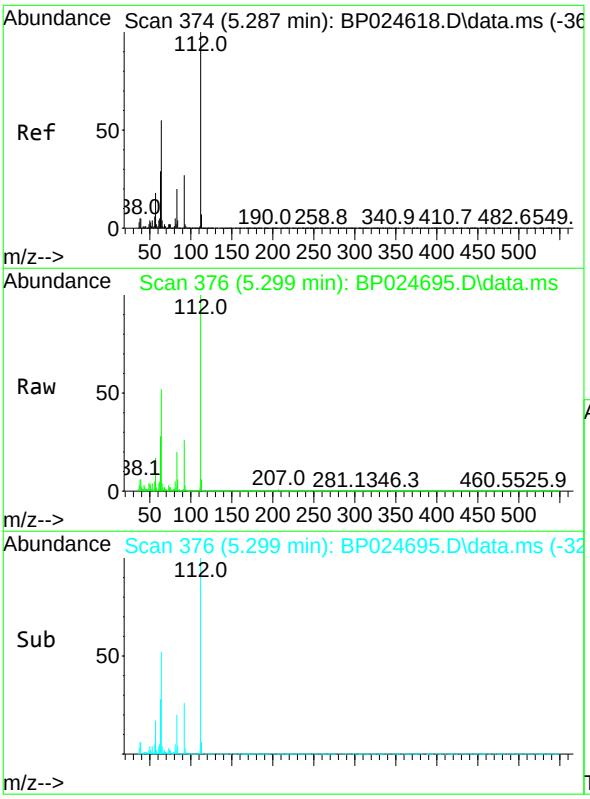
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 77
Delta R.T. -0.005 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59

Instrument :
BNA_P
ClientSampleId :
LAW-25-0074

Tgt Ion:152 Resp: 111988

Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.9	188.9
115	61.0	50.1	75.1

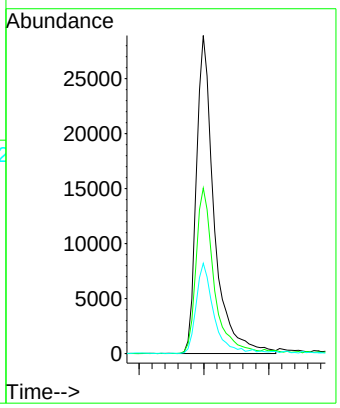


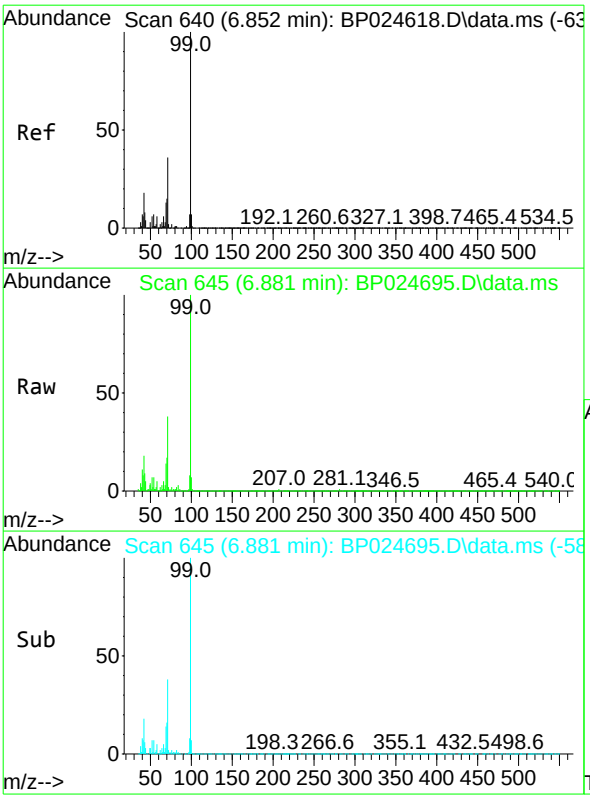


#5
2-Fluorophenol
Concen: 8.404 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.012 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59

Tgt Ion:112 Resp: 55029

Ion	Ratio	Lower	Upper
112	100		
64	52.0	44.1	66.1
63	28.4	23.5	35.3



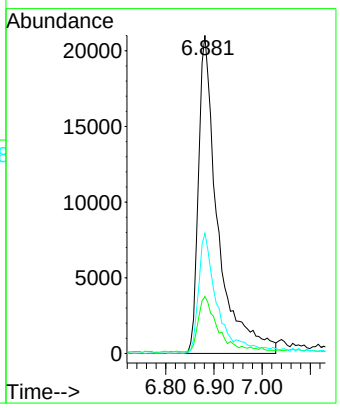


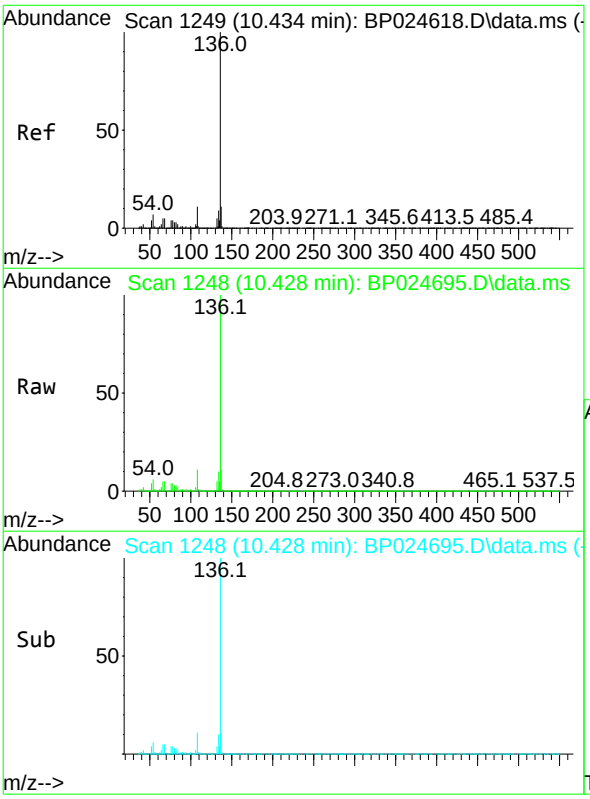
#7
Phenol-d6
Concen: 7.008 ng
RT: 6.881 min Scan# 64
Delta R.T. 0.030 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59

Instrument :
BNA_P
ClientSampleId :
LAW-25-0074

Tgt Ion: 99 Resp: 58560

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.4	21.6
71	37.8	29.2	43.8

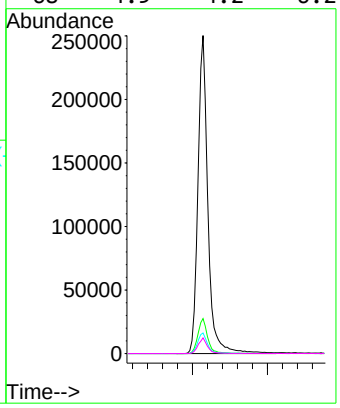


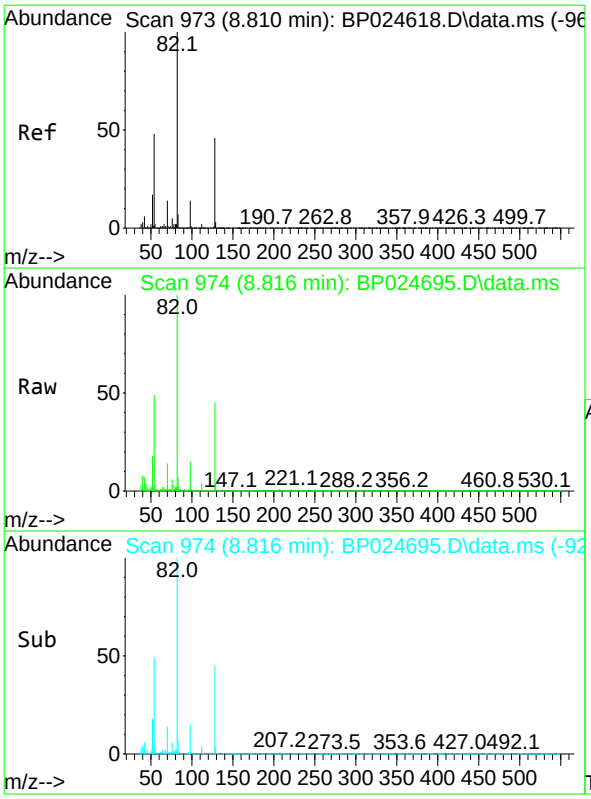


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59

Tgt Ion:136 Resp: 458830

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.5	8.3
68	4.9	4.2	6.2



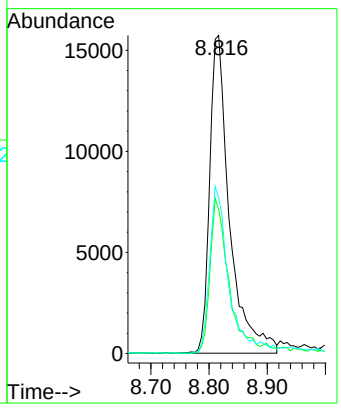


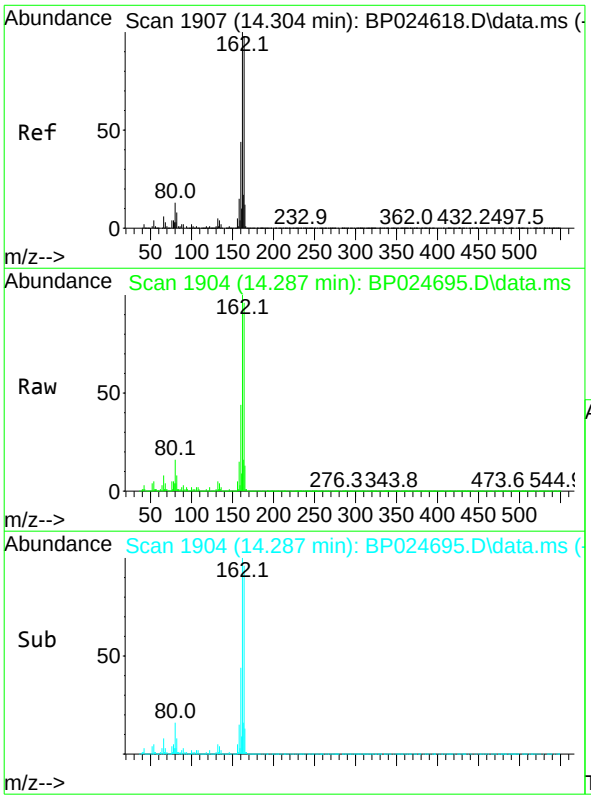
#23
Nitrobenzene-d5
Concen: 4.111 ng
RT: 8.816 min Scan# 97
Delta R.T. 0.006 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59

Instrument :
BNA_P
ClientSampleId :
LAW-25-0074

Tgt Ion: 82 Resp: 37332

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.0	55.4
54	49.1	38.7	58.1

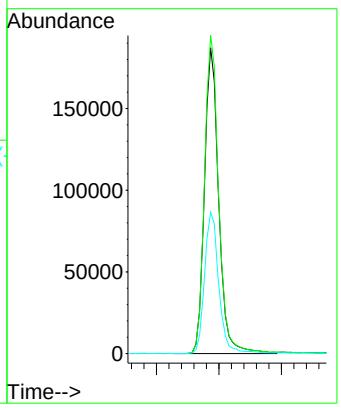


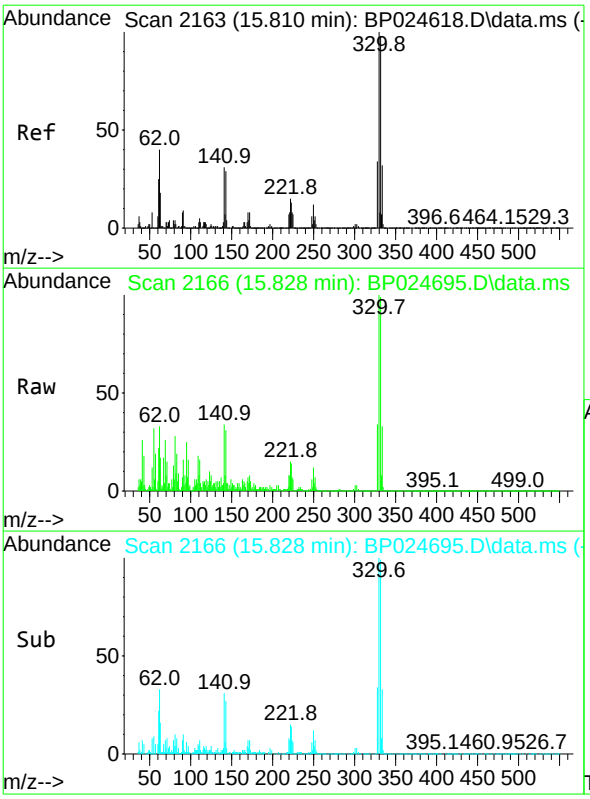


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59

Tgt Ion:164 Resp: 296128

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.8	122.6
160	46.2	36.3	54.5



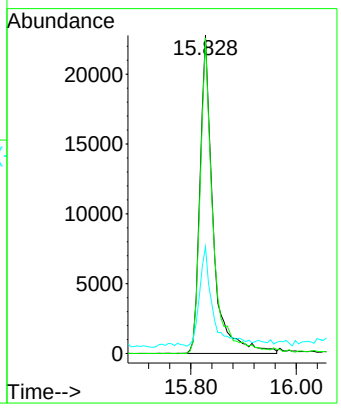


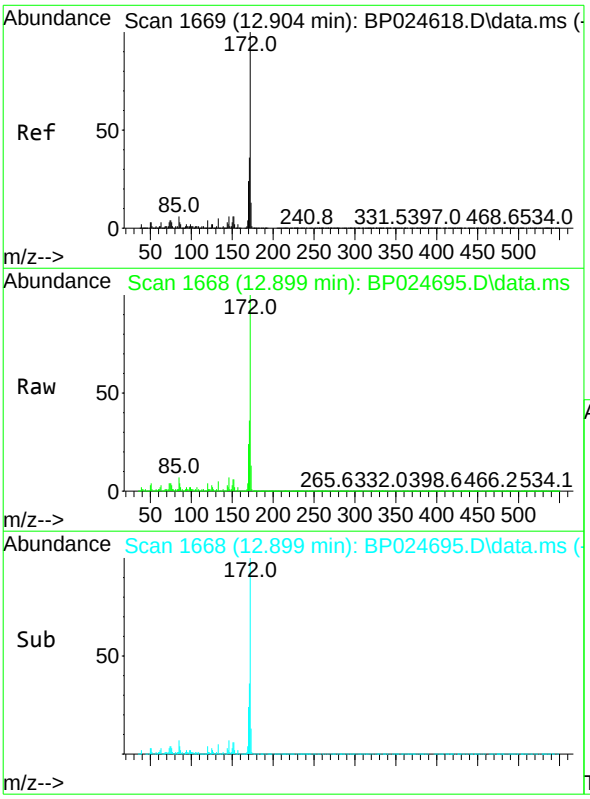
#42
2,4,6-Tribromophenol
Concen: 7.834 ng
RT: 15.828 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59

Instrument :
BNA_P
ClientSampleId :
LAW-25-0074

Tgt Ion:330 Resp: 39327

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.4
141	31.5	24.3	36.5

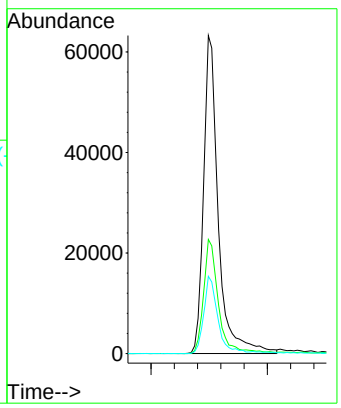


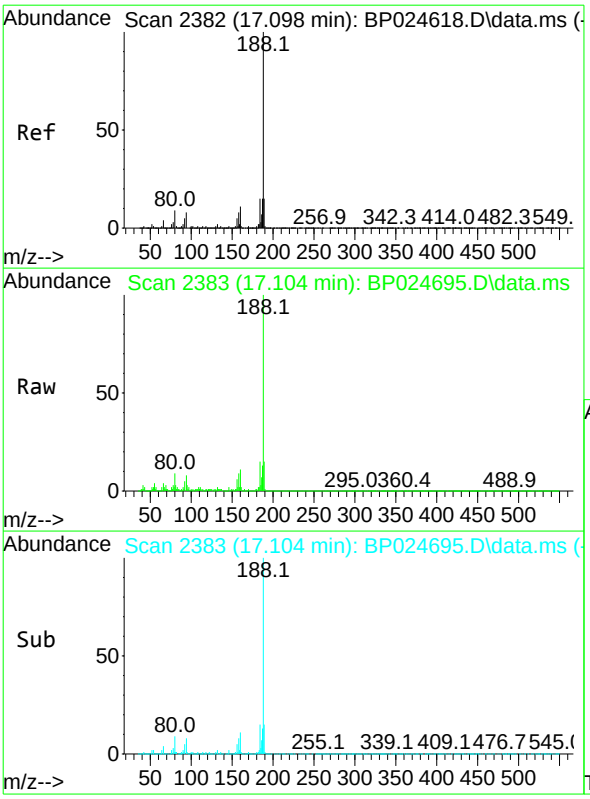


#45
2-Fluorobiphenyl
Concen: 4.909 ng
RT: 12.899 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59

Tgt Ion:172 Resp: 110950

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	24.3	18.8	28.2



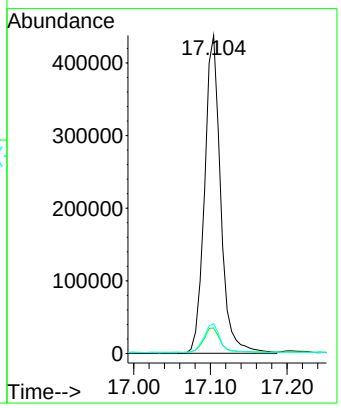


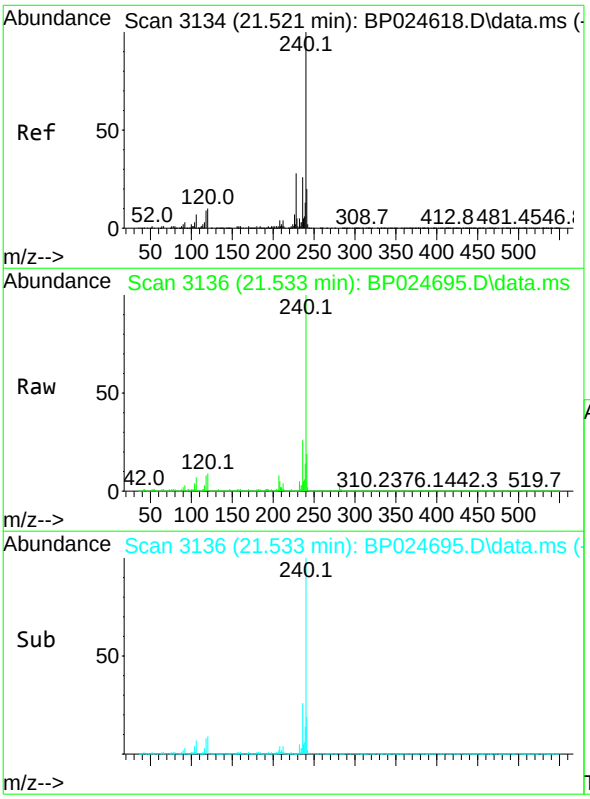
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 23
Delta R.T. 0.006 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59

Instrument :
BNA_P
ClientSampleId :
LAW-25-0074

Tgt Ion:188 Resp: 637889

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.5	9.7
80	9.4	7.3	10.9

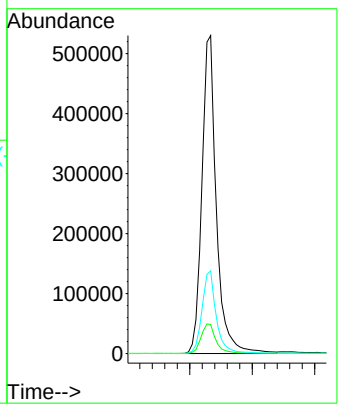


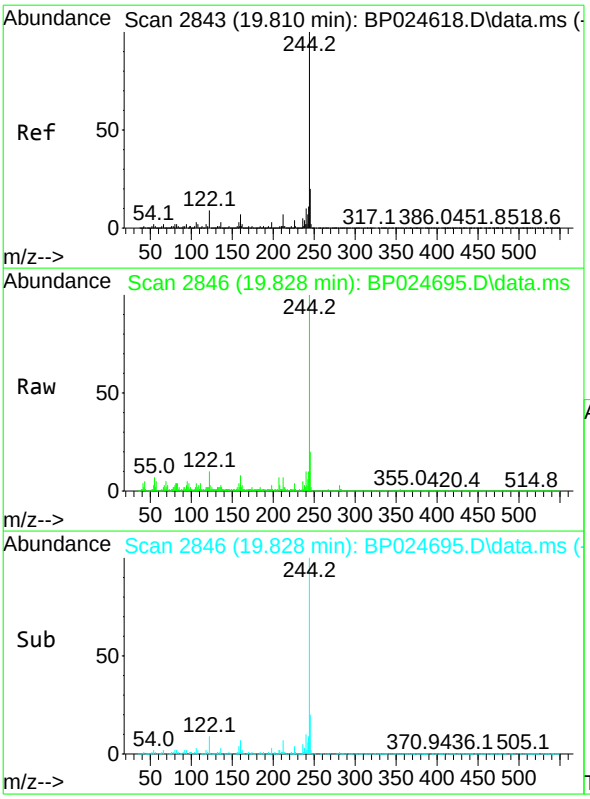


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3136
Delta R.T. 0.012 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59

Tgt Ion:240 Resp: 850839

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.8	11.6
236	26.0	20.6	31.0



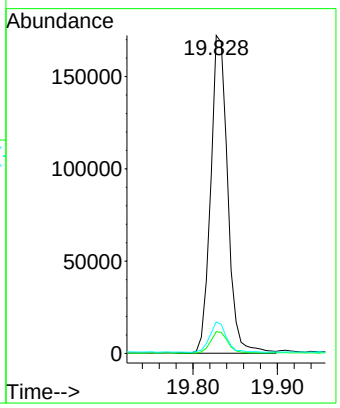


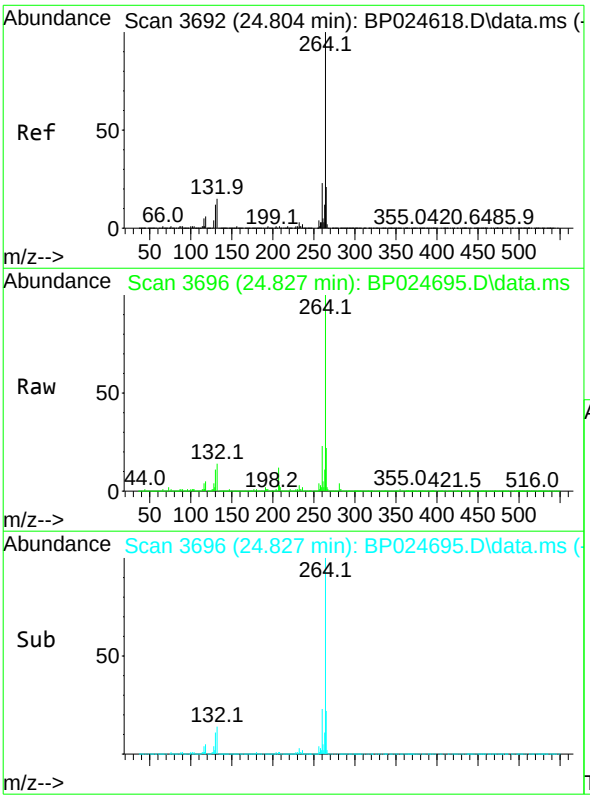
#79
Terphenyl-d14
Concen: 4.871 ng
RT: 19.828 min Scan# 28
Delta R.T. 0.018 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59

Instrument :
BNA_P
ClientSampleId :
LAW-25-0074

Tgt Ion:244 Resp: 241700

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	9.9	7.4	11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.827 min Scan# 3696
Delta R.T. 0.024 min
Lab File: BP024695.D
Acq: 19 May 2025 18:59

Tgt Ion:264 Resp: 1063203

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.4	17.0	25.6