Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024119.D
Acq On : 27 Feb 2025 13:41
Operator : RC/JU
Sample : PB166894TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB166894TB

Quant Time: Feb 27 14:06:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	450576	20.000	ng	-0.04
21) Naphthalene-d8	10.534	136	1837373	20.000	ng	-0.03
39) Acenaphthene-d10	14.386	164	1172275	20.000	ng	-0.04
64) Phenanthrene-d10	17.180	188	2221248	20.000	ng	-0.04
76) Chrysene-d12	21.645	240	1680654	20.000	ng	-0.03
86) Perylene-d12	25.027	264	1598178	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	4330315	149.960	ng	-0.03
7) Phenol-d6	6.940	99	5564890	149.941	ng	-0.04
23) Nitrobenzene-d5	8.904	82	3223998	97.892	ng	-0.04
42) 2,4,6-Tribromophenol	15.898	330	2159531	150.395	ng	-0.04
45) 2-Fluorobiphenyl	12.998	172	7674592	91.524	ng	-0.04
79) Terphenyl-d14	19.916	244	9890167	116.444	ng	-0.03
Target Compounds						Qvalue

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

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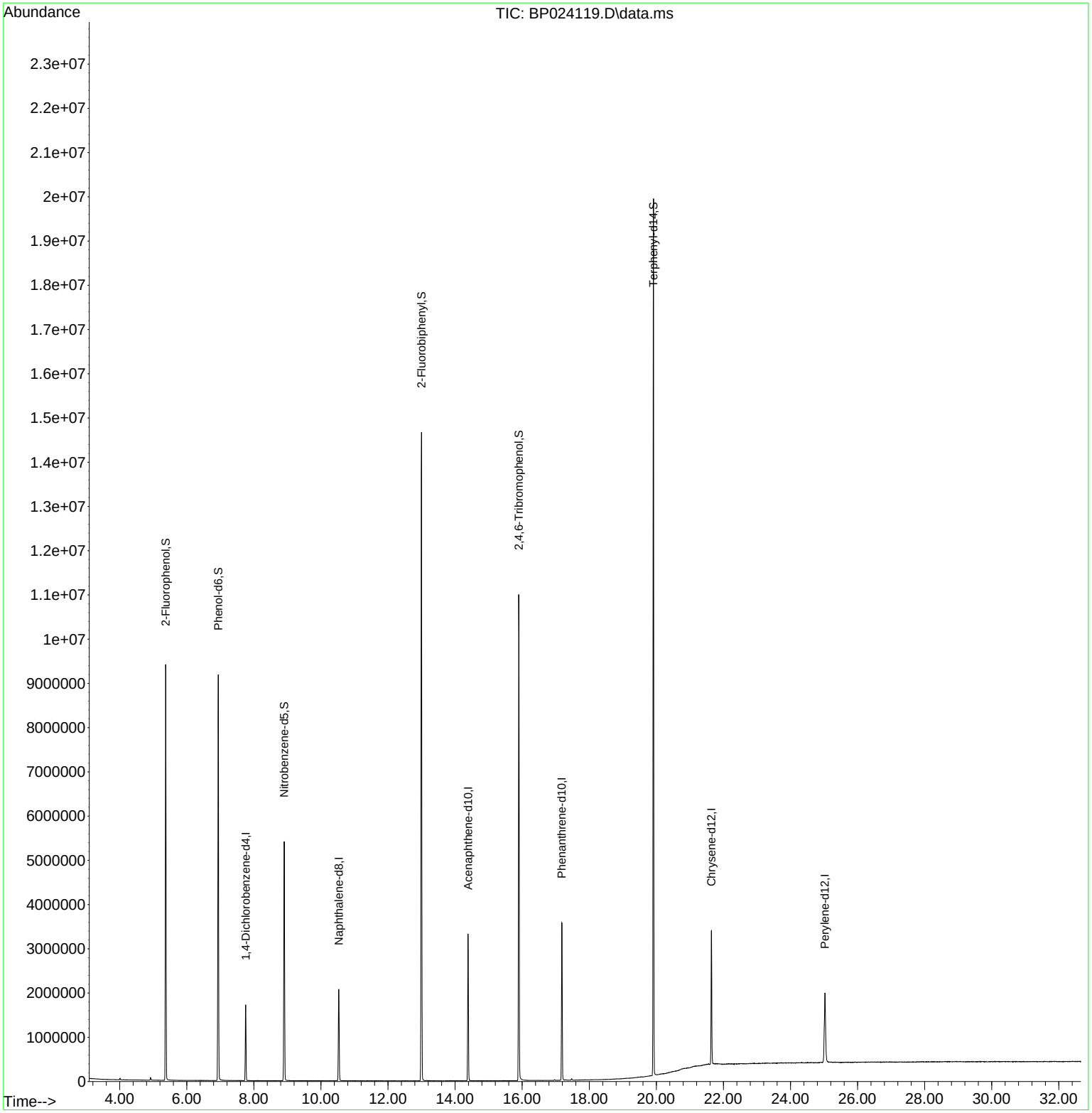
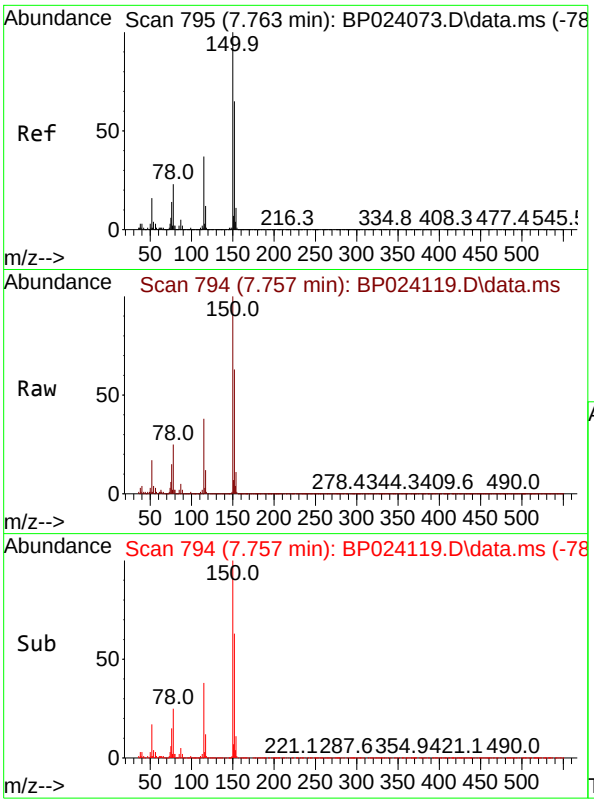


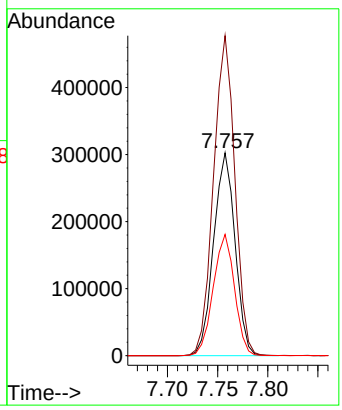


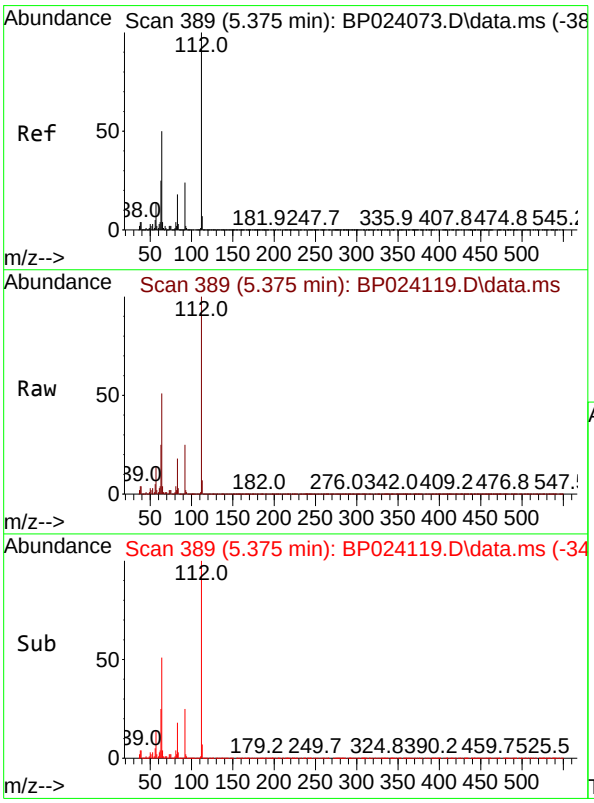
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 7
Delta R.T. -0.036 min
Lab File: BP024119.D
Acq: 27 Feb 2025 13:41

Instrument :
BNA_P
ClientSampleId :
PB166894TB

Tgt Ion:152 Resp: 450576

Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.4	183.6
115	59.8	45.0	67.6

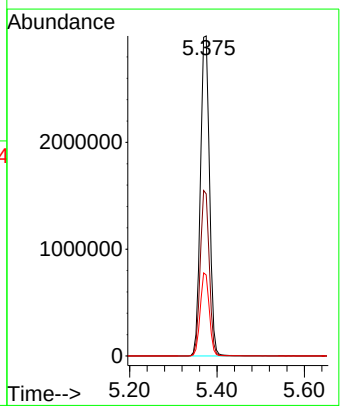


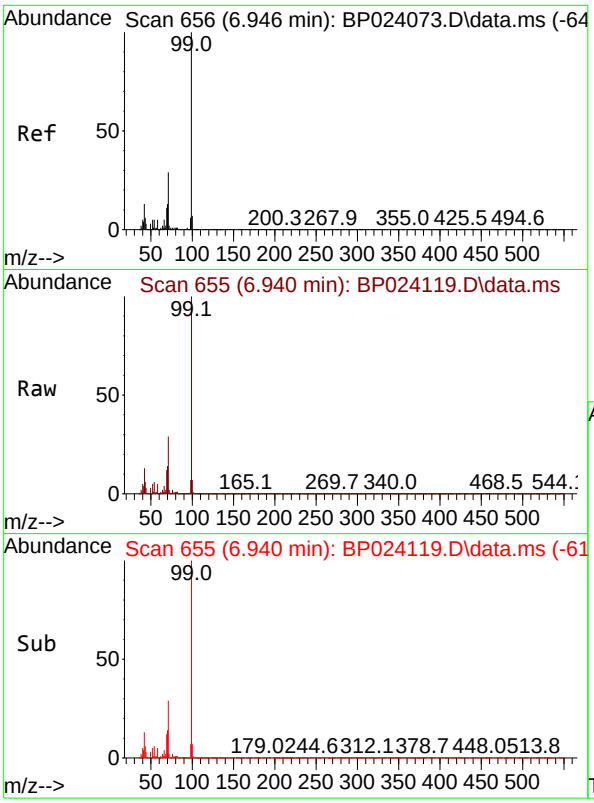


#5
2-Fluorophenol
Concen: 149.960 ng
RT: 5.375 min Scan# 389
Delta R.T. -0.030 min
Lab File: BP024119.D
Acq: 27 Feb 2025 13:41

Tgt Ion:112 Resp: 4330315

Ion	Ratio	Lower	Upper
112	100		
64	50.6	39.6	59.4
63	25.3	20.3	30.5



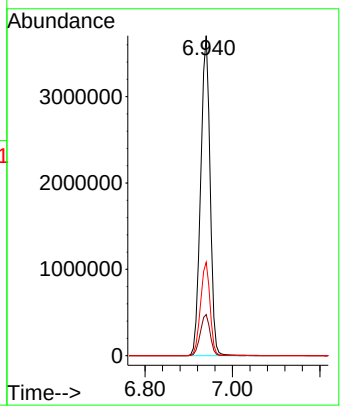


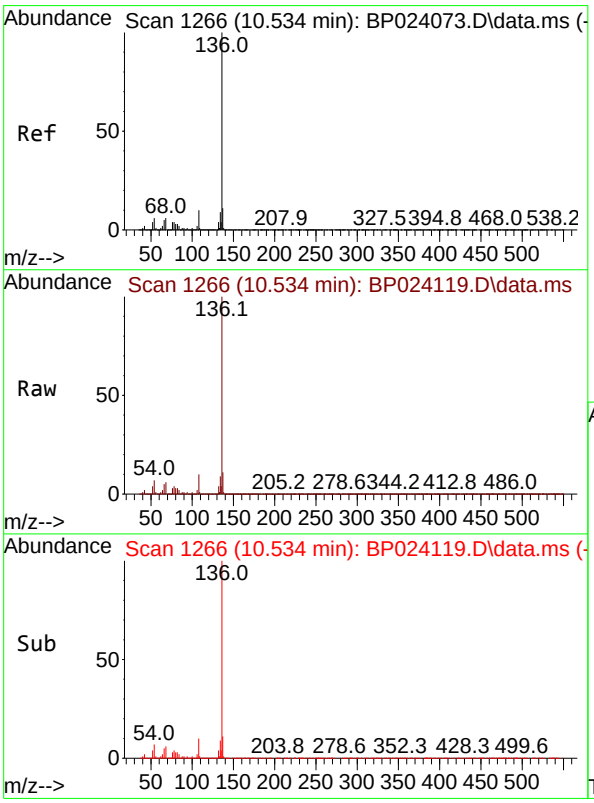
#7
Phenol-d6
Concen: 149.941 ng
RT: 6.940 min Scan# 6
Delta R.T. -0.036 min
Lab File: BP024119.D
Acq: 27 Feb 2025 13:41

Instrument :
BNA_P
ClientSampleId :
PB166894TB

Tgt Ion: 99 Resp: 5564890

Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.3	15.5
71	29.2	22.9	34.3

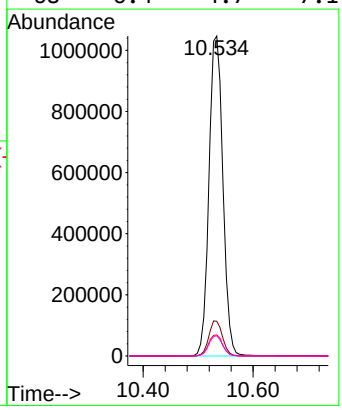


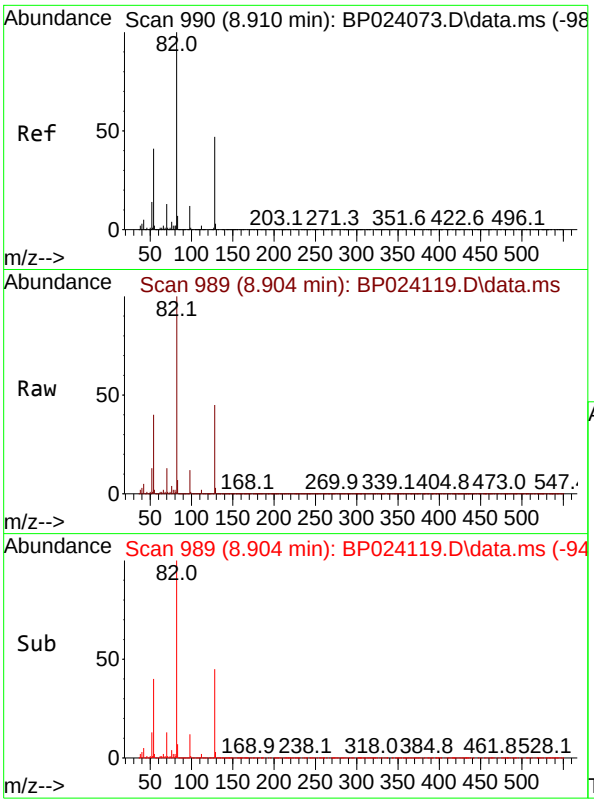


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.030 min
Lab File: BP024119.D
Acq: 27 Feb 2025 13:41

Tgt Ion:136 Resp: 1837373

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.6	4.9	7.3
68	6.4	4.7	7.1



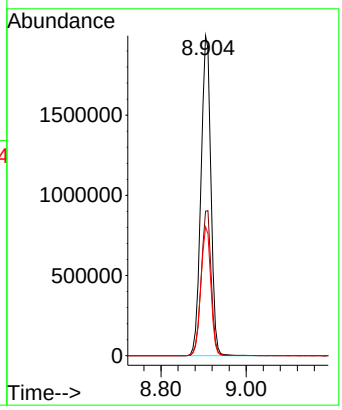


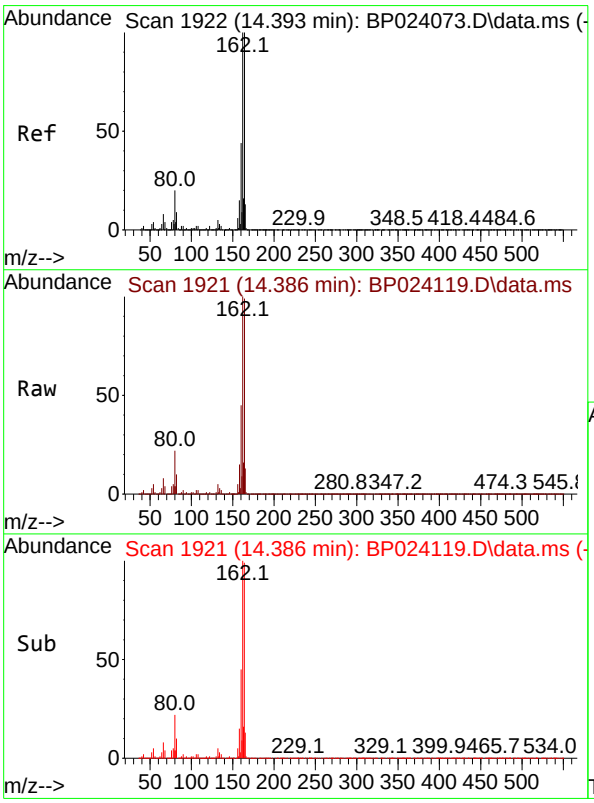
#23
Nitrobenzene-d5
Concen: 97.892 ng
RT: 8.904 min Scan# 9
Delta R.T. -0.036 min
Lab File: BP024119.D
Acq: 27 Feb 2025 13:41

Instrument :
BNA_P
ClientSampleId :
PB166894TB

Tgt Ion: 82 Resp: 3223998

Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.4	56.2
54	40.2	32.4	48.6

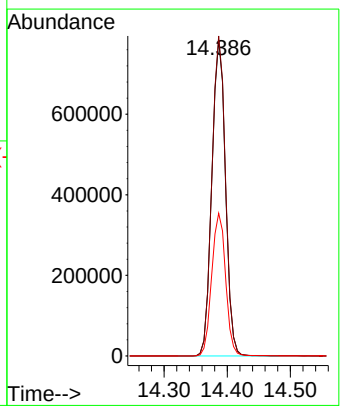


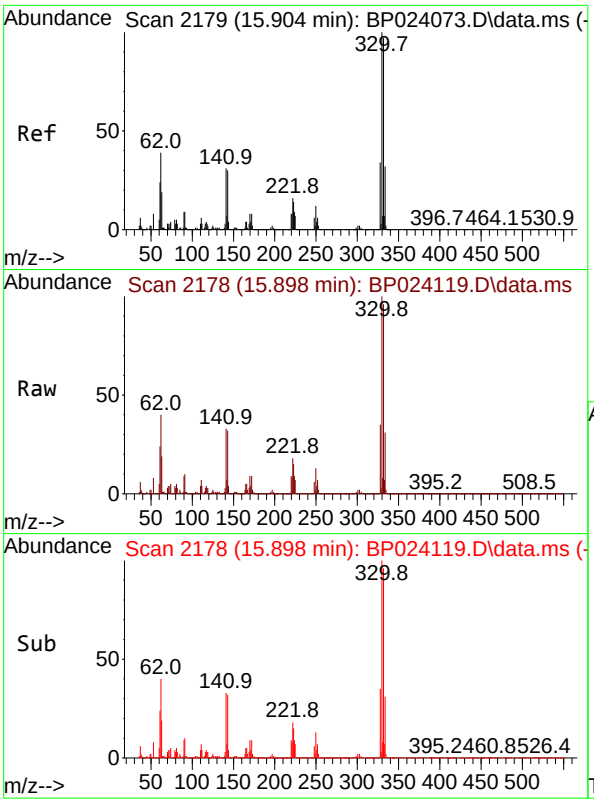


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.386 min Scan# 1921
Delta R.T. -0.036 min
Lab File: BP024119.D
Acq: 27 Feb 2025 13:41

Tgt Ion:164 Resp: 1172275

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.1	120.1
160	45.2	35.6	53.4



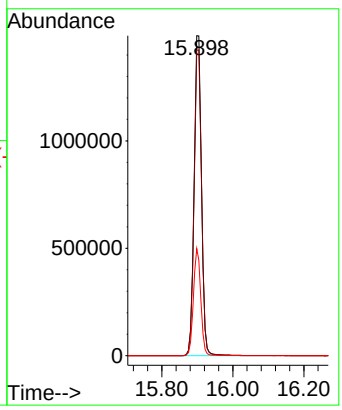


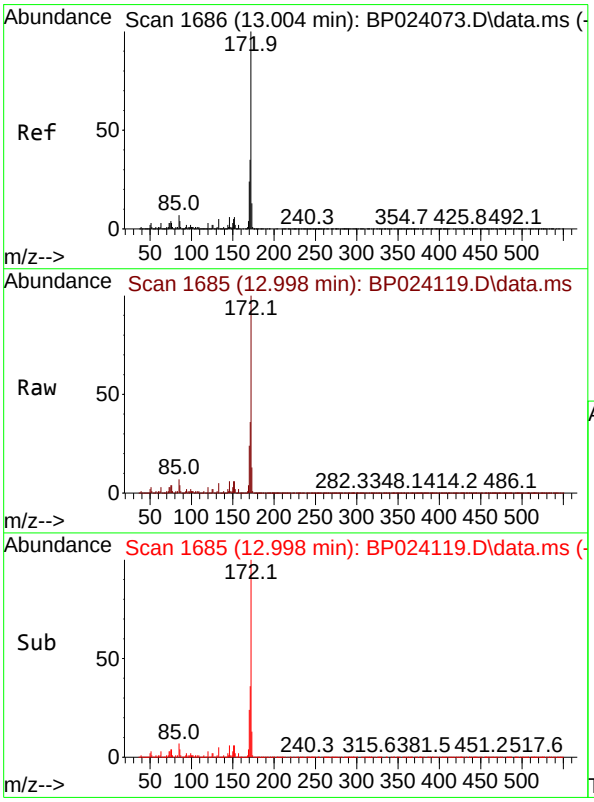
#42
2,4,6-Tribromophenol
Concen: 150.395 ng
RT: 15.898 min Scan# 21
Delta R.T. -0.036 min
Lab File: BP024119.D
Acq: 27 Feb 2025 13:41

Instrument :
BNA_P
ClientSampleId :
PB166894TB

Tgt Ion:330 Resp: 2159531

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.4
141	33.2	28.3	42.5

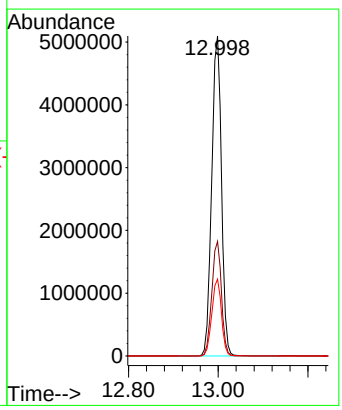


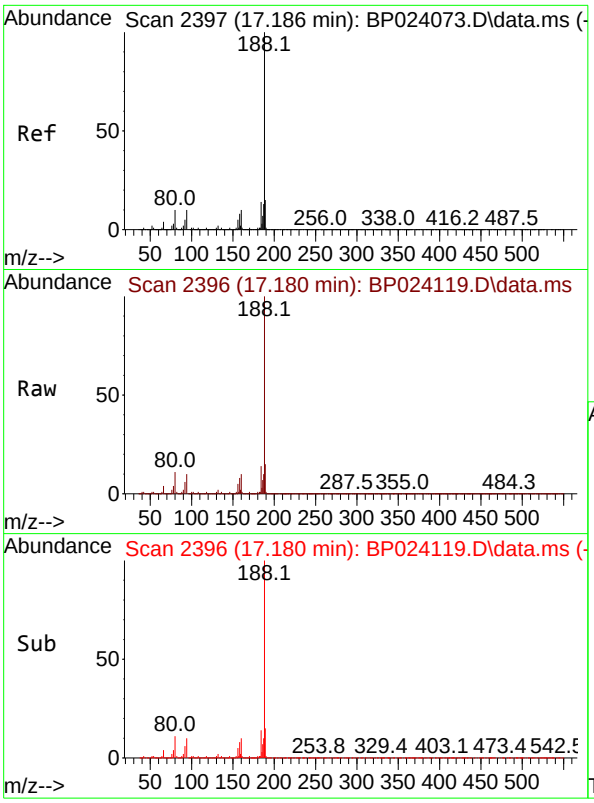


#45
2-Fluorobiphenyl
Concen: 91.524 ng
RT: 12.998 min Scan# 1685
Delta R.T. -0.036 min
Lab File: BP024119.D
Acq: 27 Feb 2025 13:41

Tgt Ion:172 Resp: 7674592

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	24.0	19.0	28.6



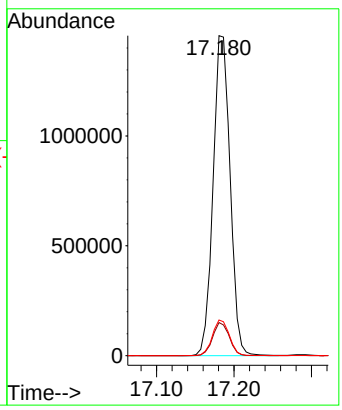


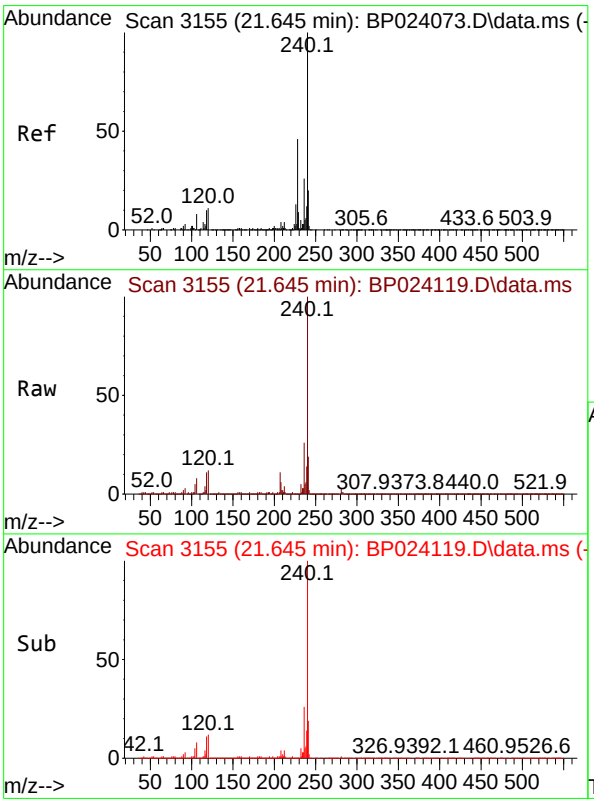
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.036 min
Lab File: BP024119.D
Acq: 27 Feb 2025 13:41

Instrument :
BNA_P
ClientSampleId :
PB166894TB

Tgt Ion:188 Resp: 2221248

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.6	11.4
80	11.1	8.2	12.2

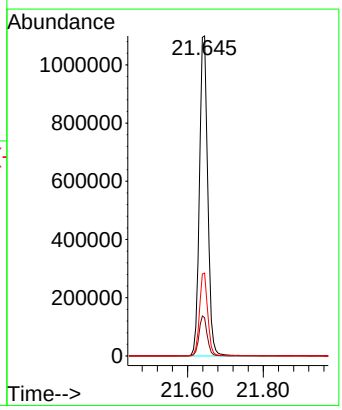


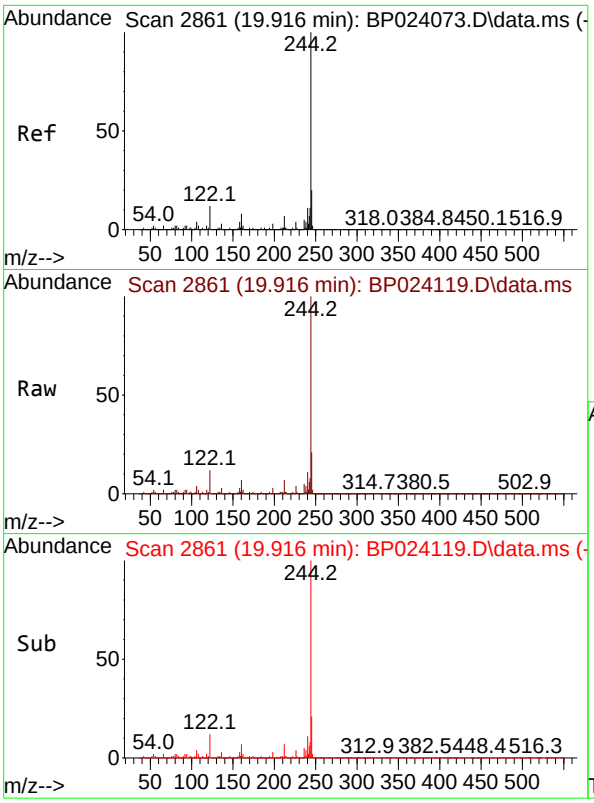


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3155
Delta R.T. -0.030 min
Lab File: BP024119.D
Acq: 27 Feb 2025 13:41

Tgt Ion:240 Resp: 1680654

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.9	13.3
236	25.9	20.7	31.1



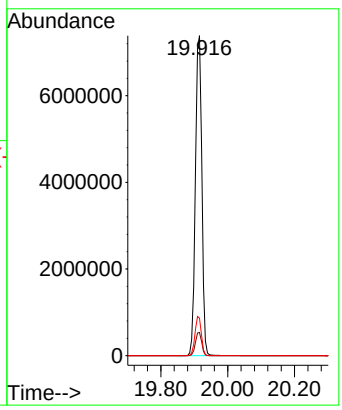


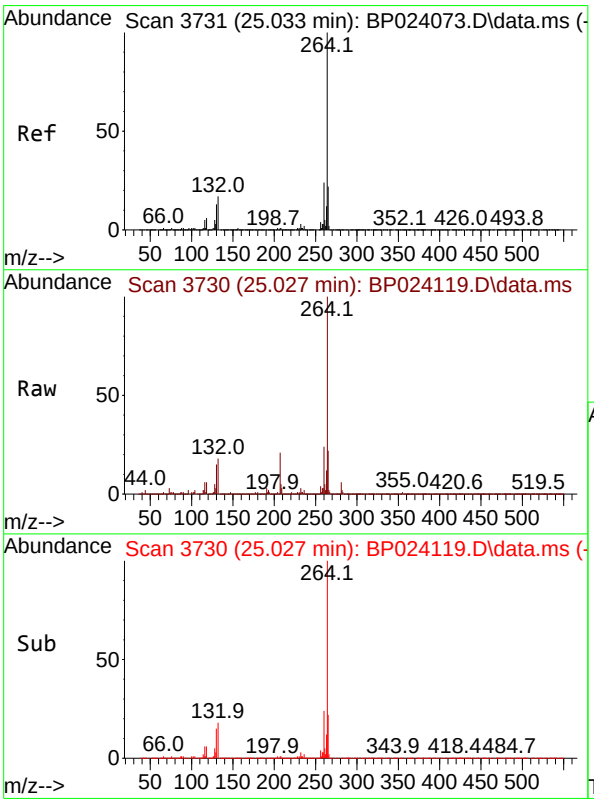
#79
Terphenyl-d14
Concen: 116.444 ng
RT: 19.916 min Scan# 2
Delta R.T. -0.030 min
Lab File: BP024119.D
Acq: 27 Feb 2025 13:41

Instrument :
BNA_P
ClientSampleId :
PB166894TB

Tgt Ion:244 Resp: 9890167

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.7	9.4	14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.027 min Scan# 3730
Delta R.T. -0.036 min
Lab File: BP024119.D
Acq: 27 Feb 2025 13:41

Tgt Ion:264 Resp: 1598178

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.1	17.8	26.8