Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
Data File : BP024559.D
Acq On : 07 May 2025 10:49
Operator : RC/JU
Sample : PB167886BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: May 07 12:27:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	192507	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	775898	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	496214	20.000	ng	-0.02
64) Phenanthrene-d10	17.134	188	1032033	20.000	ng	-0.01
76) Chrysene-d12	21.580	240	1025911	20.000	ng	-0.01
86) Perylene-d12	24.904	264	1036631	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1585714	136.198	ng	-0.02
7) Phenol-d6	6.899	99	1948380	122.216	ng	-0.01
23) Nitrobenzene-d5	8.852	82	1195042	87.824	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	1153676	168.042	ng	-0.01
45) 2-Fluorobiphenyl	12.946	172	2864893	88.399	ng	-0.02
79) Terphenyl-d14	19.863	244	5196756	102.102	ng	-0.01
Target Compounds						Qvalue

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

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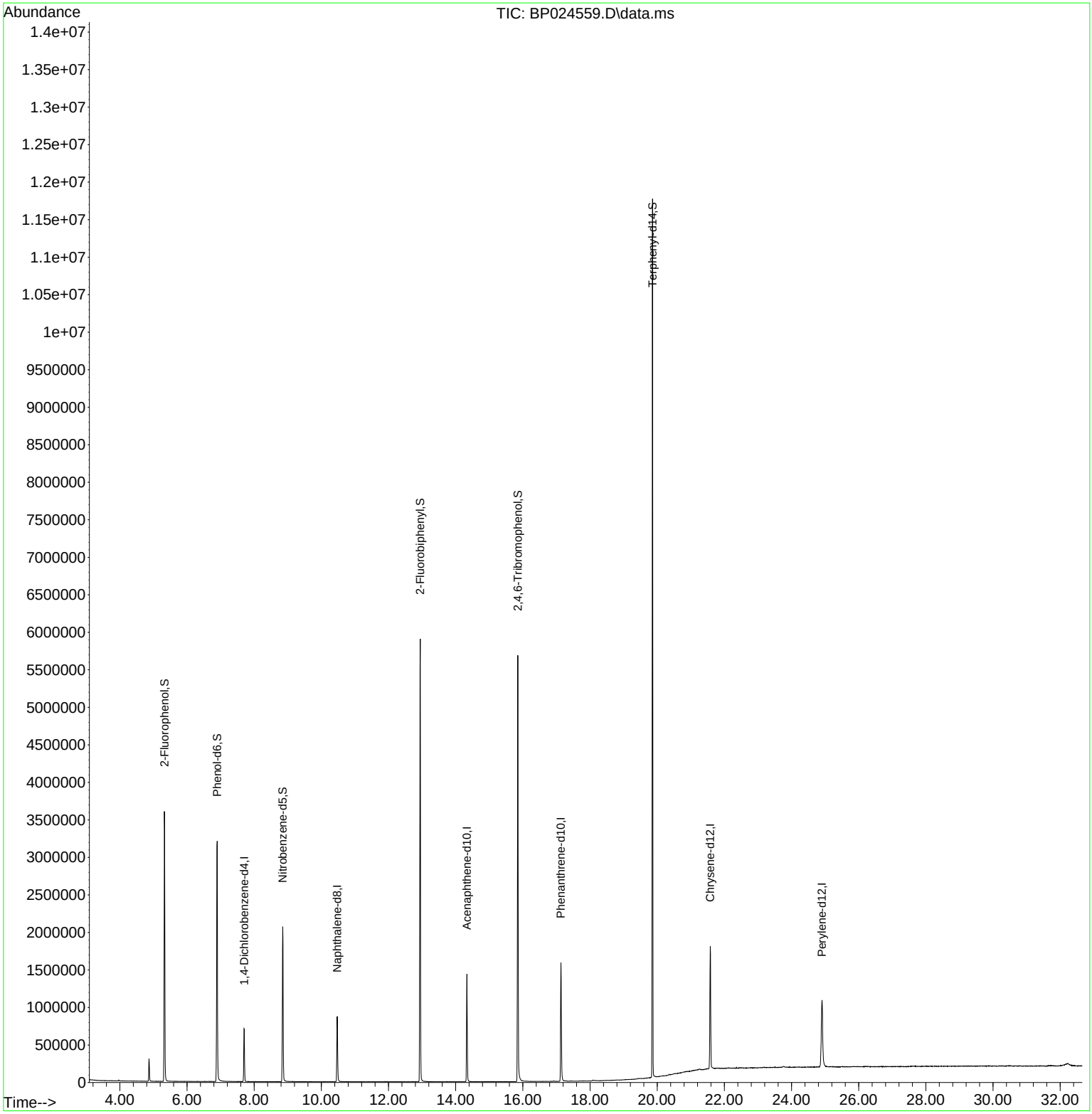
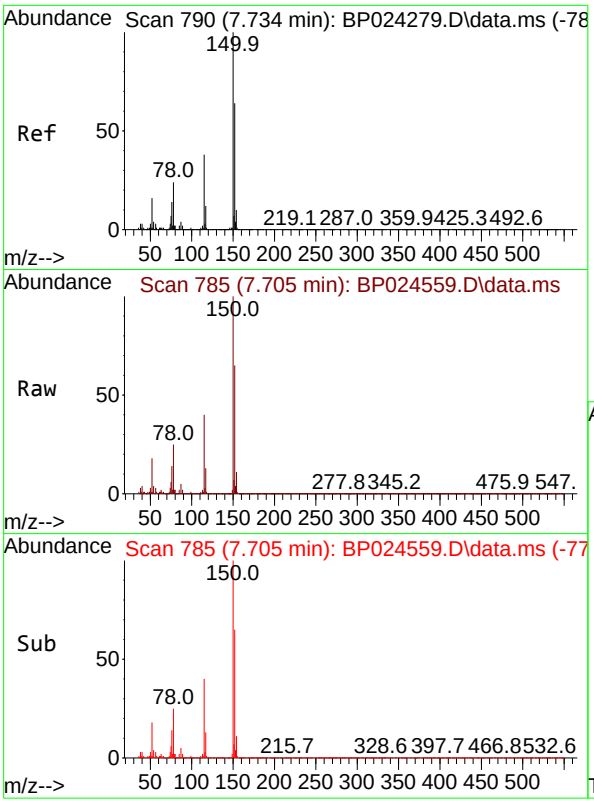


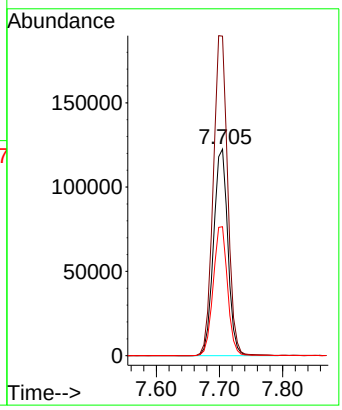


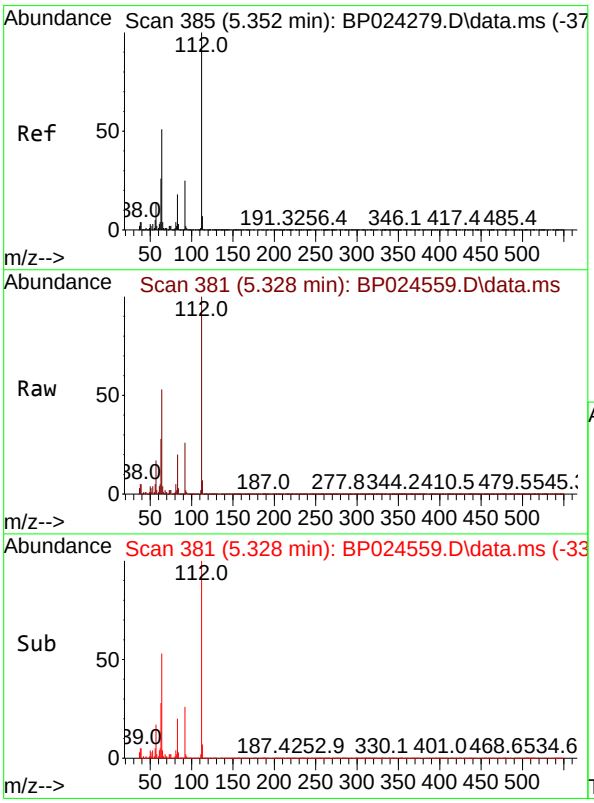
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 192507

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.9	187.3
115	62.4	47.7	71.5

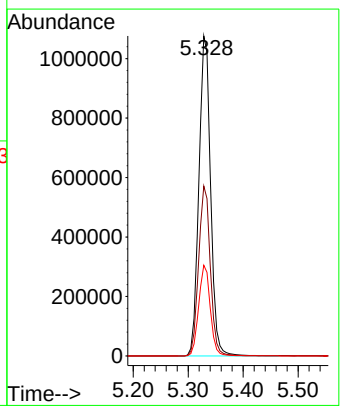


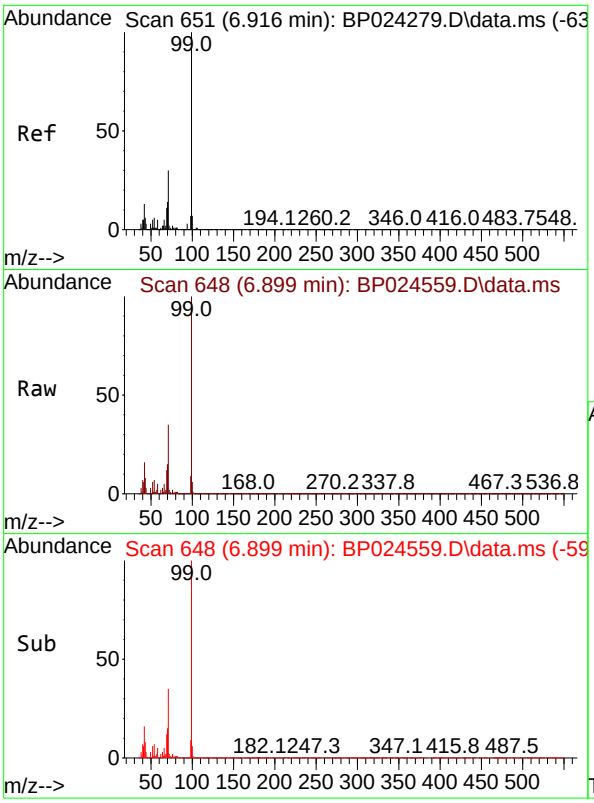


#5
2-Fluorophenol
Concen: 136.198 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Tgt Ion:112 Resp: 1585714

Ion	Ratio	Lower	Upper
112	100		
64	53.1	41.1	61.7
63	28.4	20.6	30.8



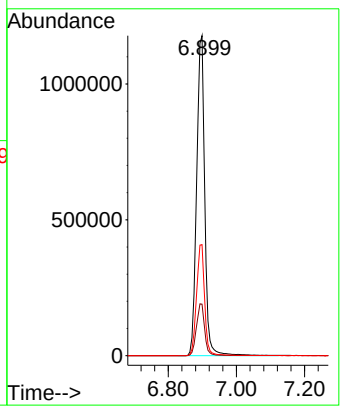


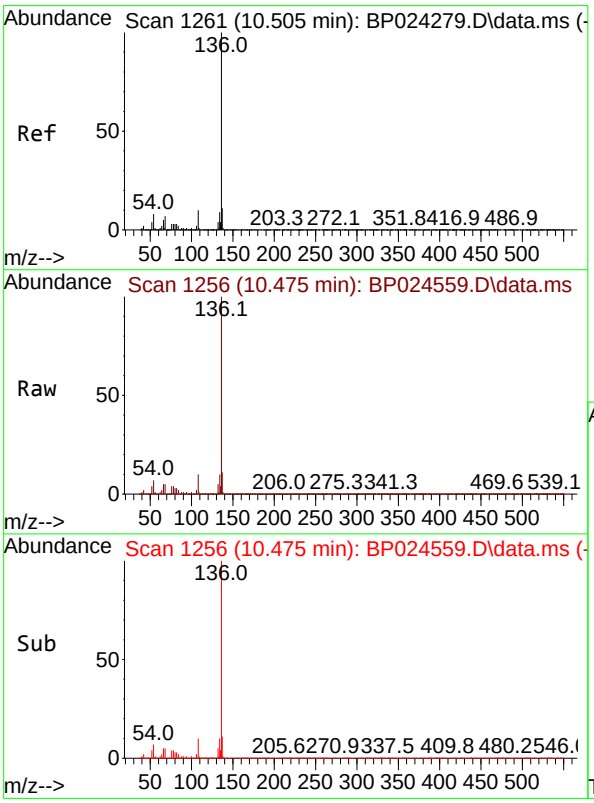
#7
Phenol-d6
Concen: 122.216 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1948380

Ion	Ratio	Lower	Upper
99	100		
42	16.1	10.6	16.0#
71	34.7	23.7	35.5

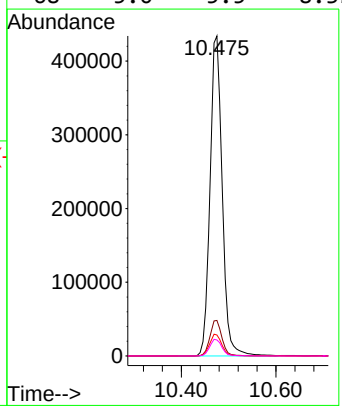


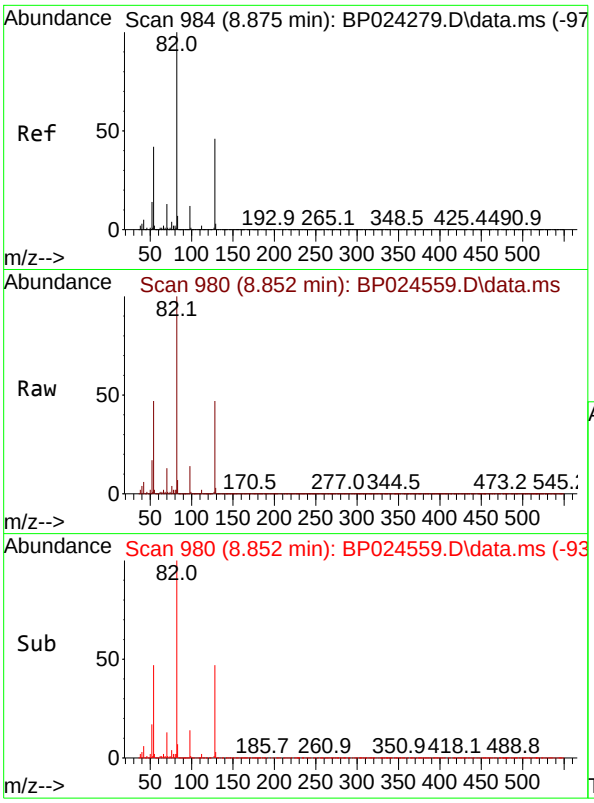


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Tgt Ion:136 Resp: 775898

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.5	6.0	9.0
68	5.0	5.5	8.3#



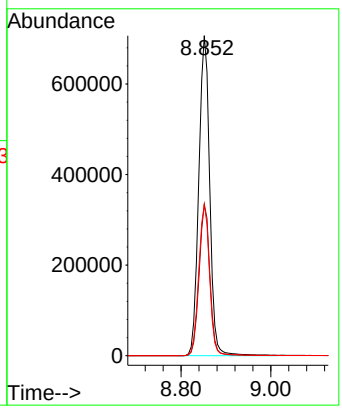


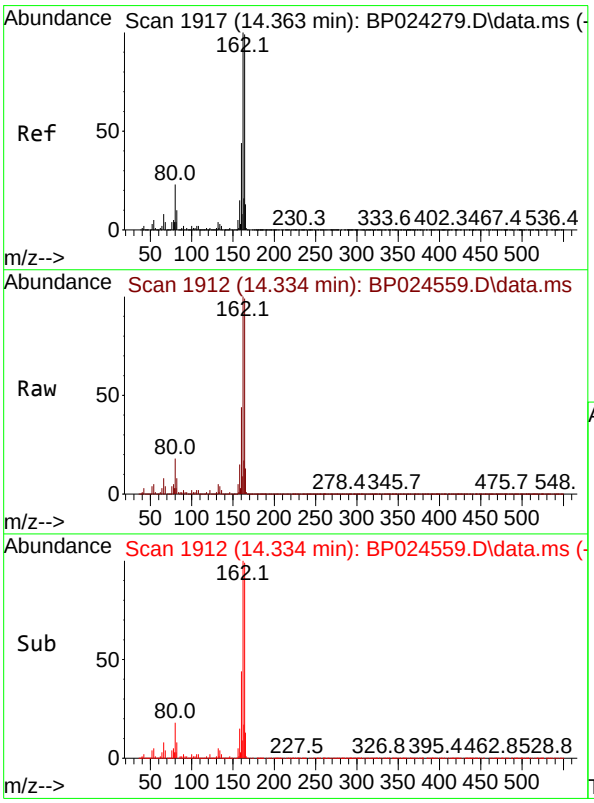
#23
Nitrobenzene-d5
Concen: 87.824 ng
RT: 8.852 min Scan# 9
Delta R.T. -0.017 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1195042

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.5	54.7
54	47.1	33.4	50.2

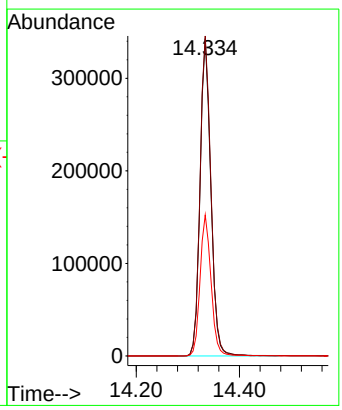


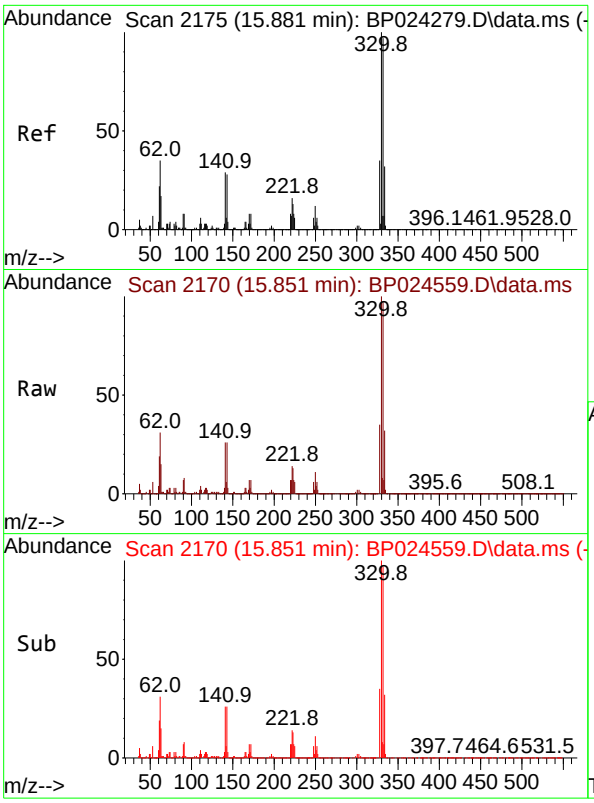


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.017 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Tgt Ion:164 Resp: 496214

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	44.4	35.3	52.9



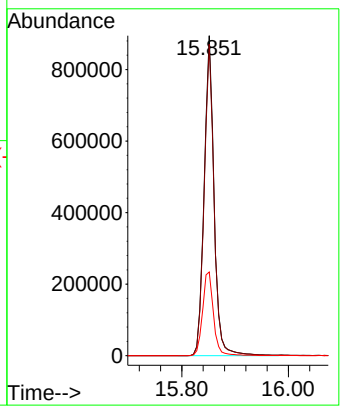


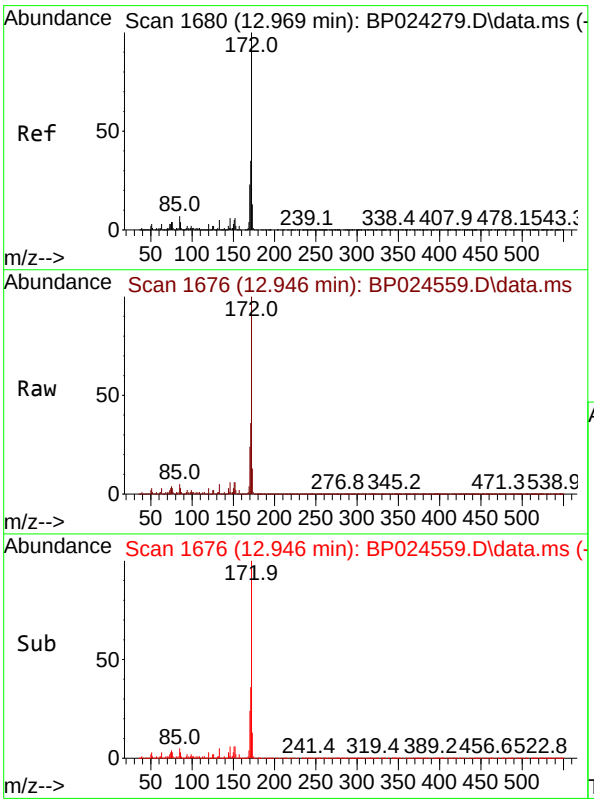
#42
2,4,6-Tribromophenol
Concen: 168.042 ng
RT: 15.851 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 1153676

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	28.8	24.7	37.1

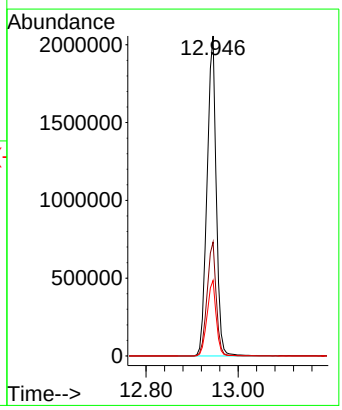


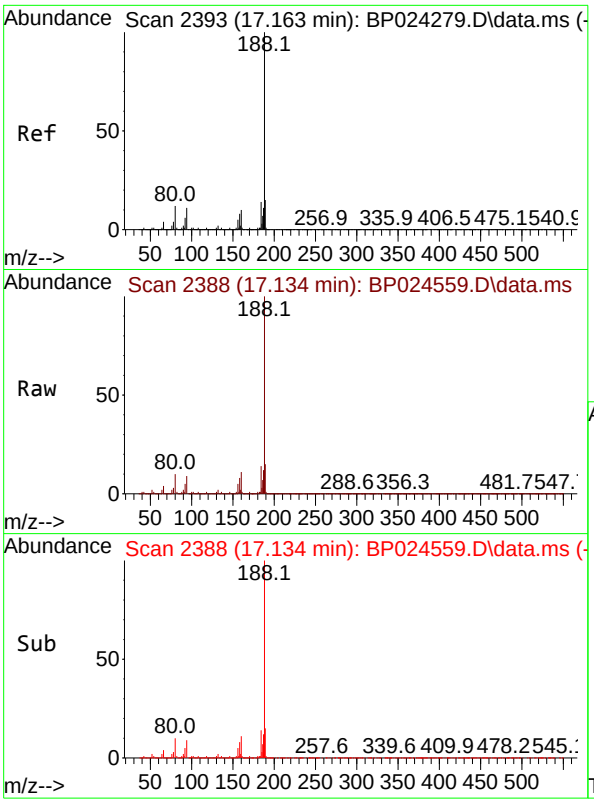


#45
2-Fluorobiphenyl
Concen: 88.399 ng
RT: 12.946 min Scan# 1676
Delta R.T. -0.017 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Tgt Ion:172 Resp: 2864893

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.6	18.6	27.8



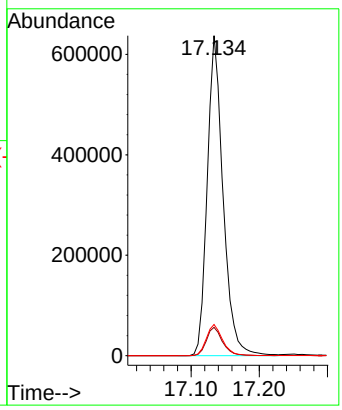


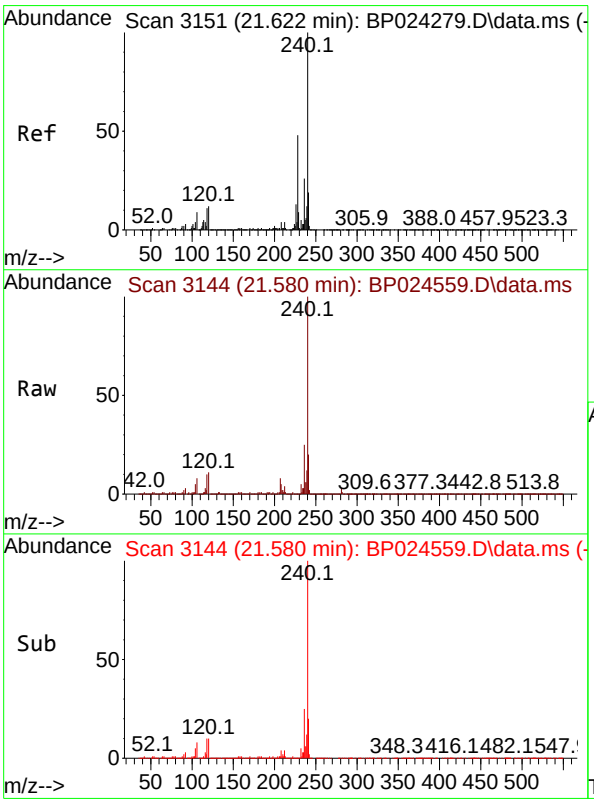
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1032033

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.6	13.0
80	9.8	9.8	14.6

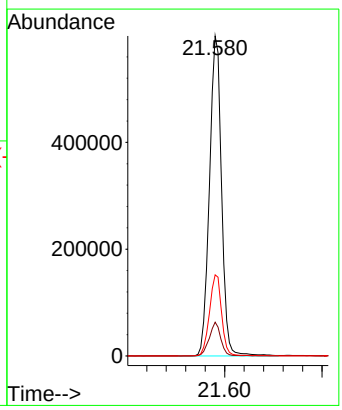


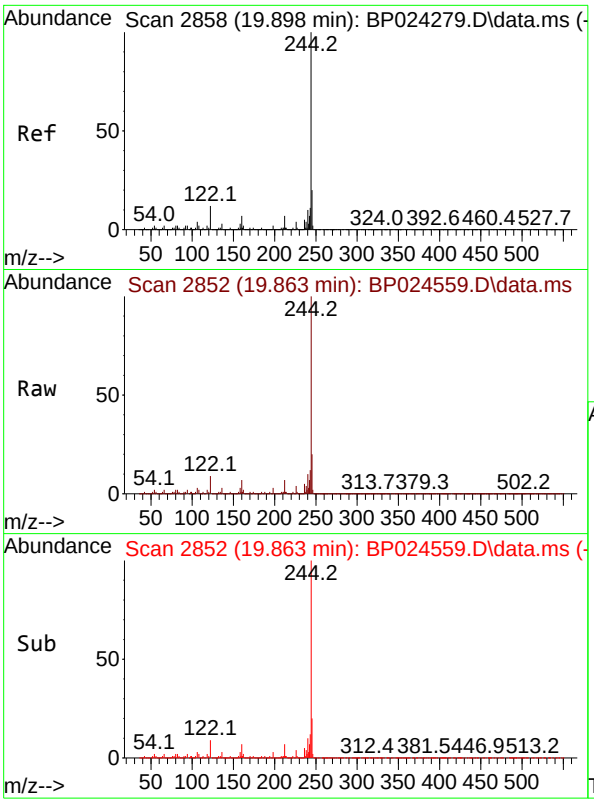


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Tgt Ion:240 Resp: 1025911

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.8	14.8
236	25.4	20.9	31.3



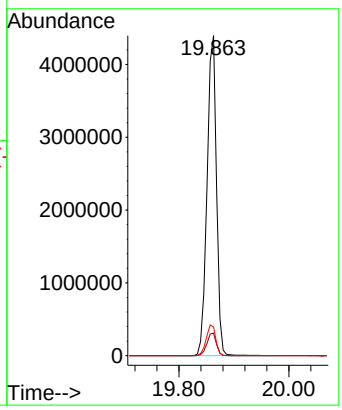


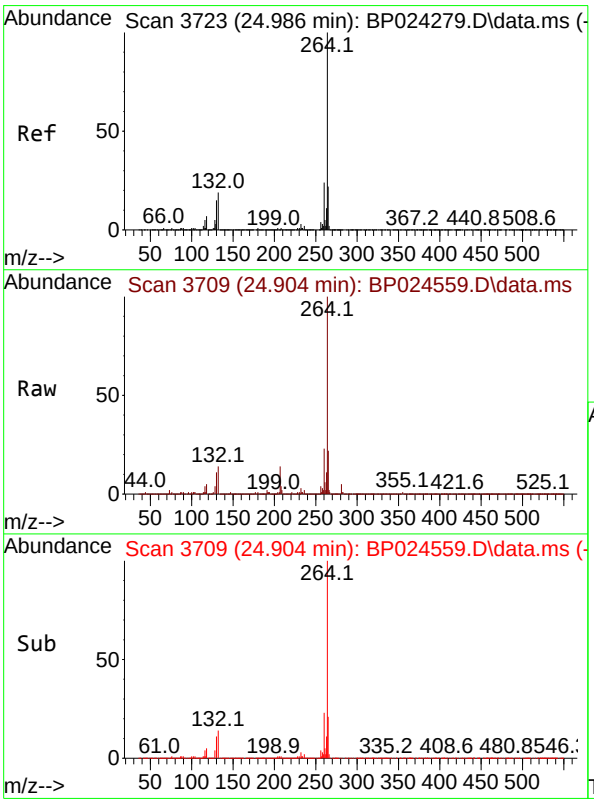
#79
Terphenyl-d14
Concen: 102.102 ng
RT: 19.863 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 5196756

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	9.0	9.4	14.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.904 min Scan# 3709
Delta R.T. -0.029 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Tgt Ion:264 Resp: 1036631

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.7	17.8	26.6