Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
Data File : BP024577.D
Acq On : 08 May 2025 21:00
Operator : RC/JU
Sample : Q1968-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-M

Quant Time: May 09 01:40:06 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	109726	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	411478	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	242348	20.000	ng	-0.02
64) Phenanthrene-d10	17.128	188	509591	20.000	ng	#-0.02
76) Chrysene-d12	21.569	240	669431	20.000	ng	#-0.02
86) Perylene-d12	24.886	264	806200	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	794430	119.712	ng	-0.02
7) Phenol-d6	6.893	99	858957	94.528	ng	-0.02
23) Nitrobenzene-d5	8.852	82	657680	91.139	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	556815	166.064	ng	-0.01
45) 2-Fluorobiphenyl	12.940	172	1434977	90.659	ng	-0.02
79) Terphenyl-d14	19.845	244	2944408	88.655	ng	-0.03
Target Compounds						Qvalue

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

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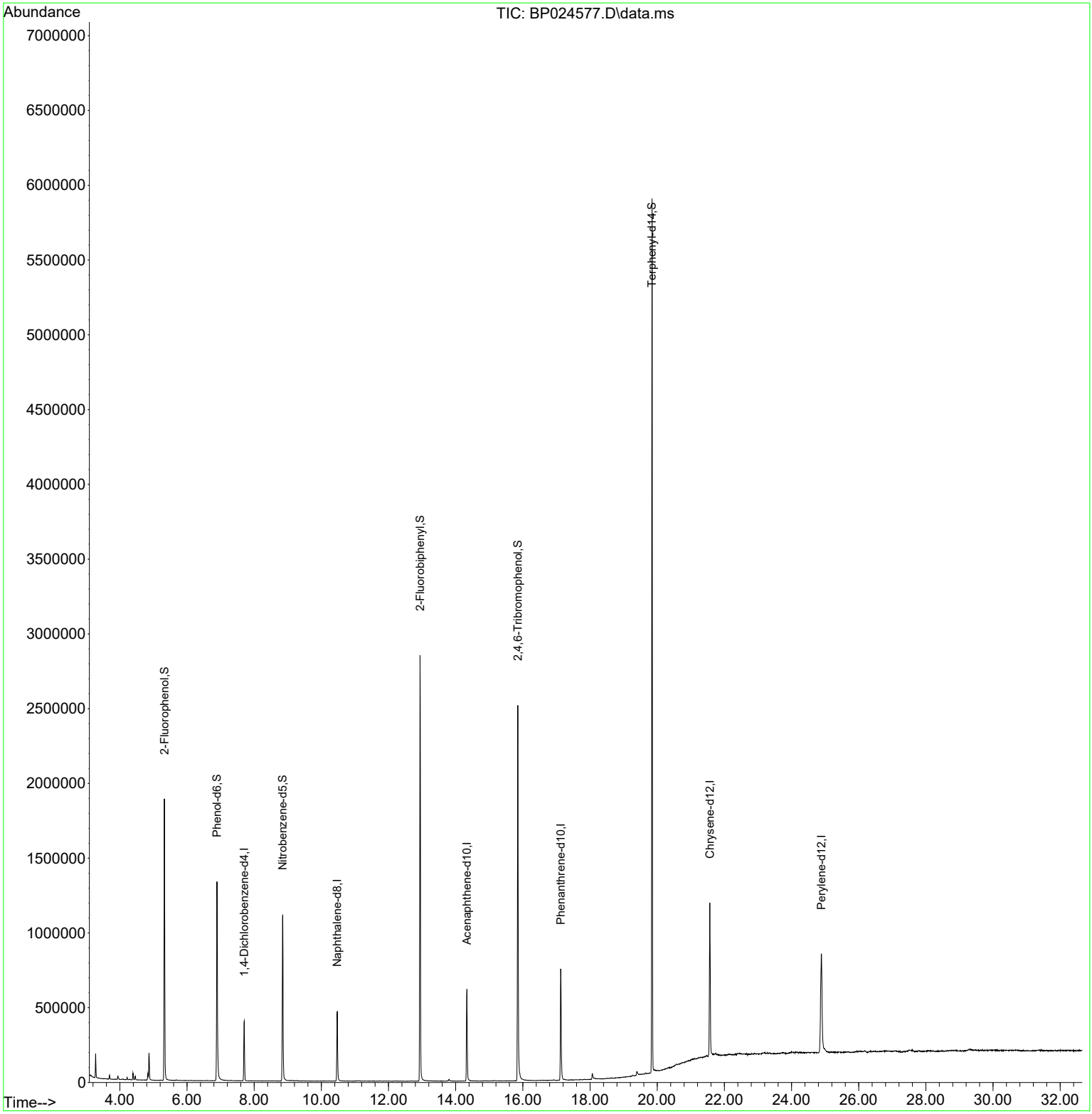
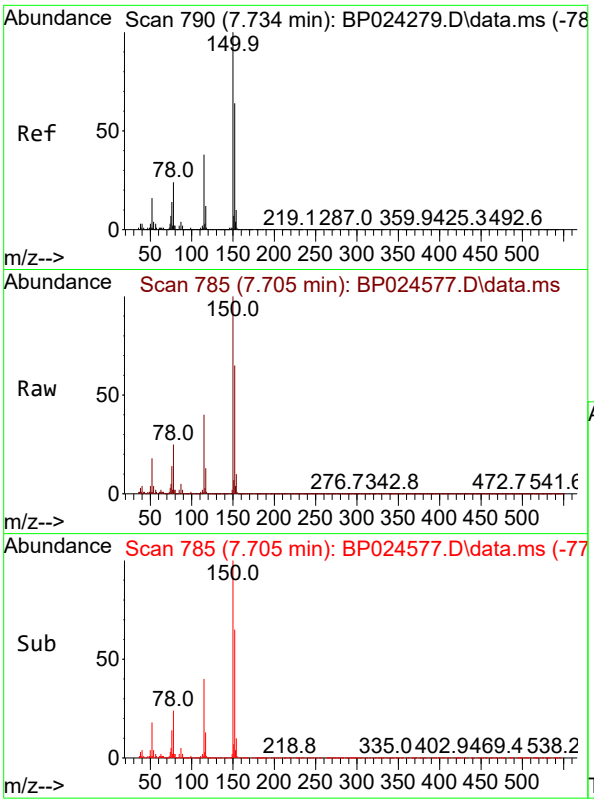


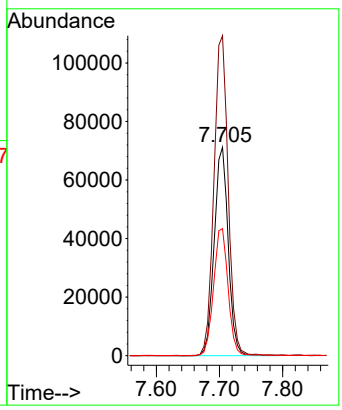


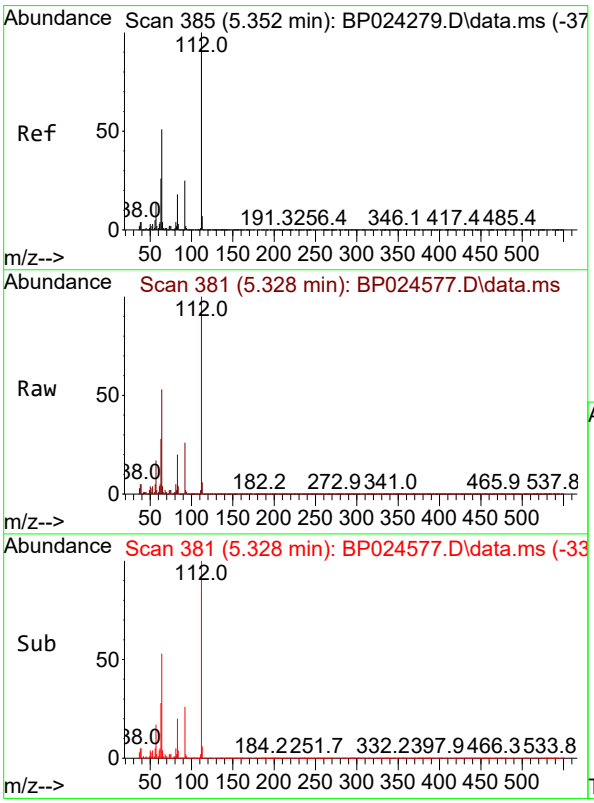
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion:152 Resp: 109726

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.9	187.3
115	60.9	47.7	71.5

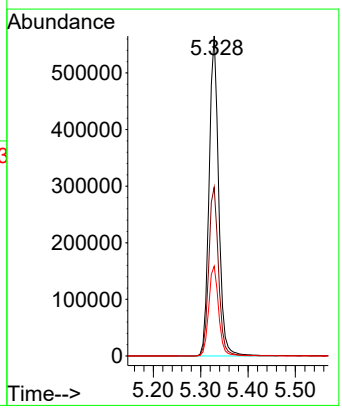


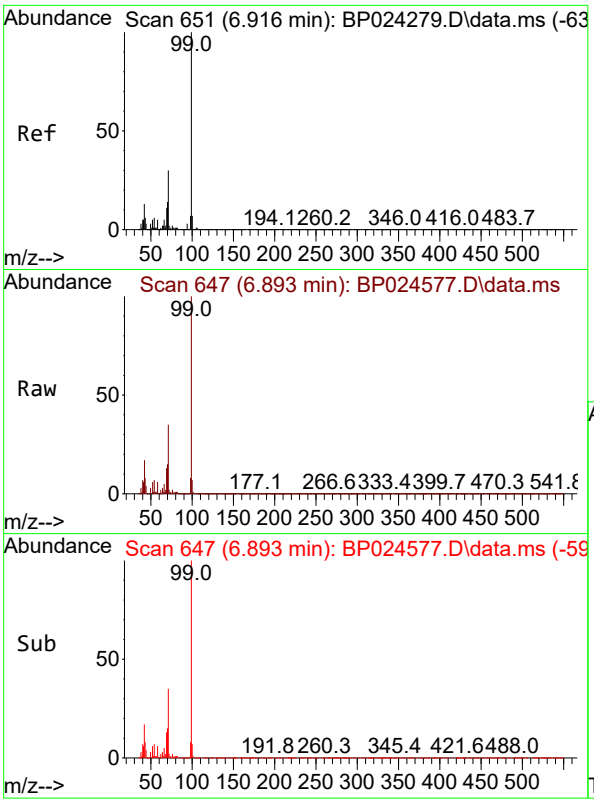


#5
2-Fluorophenol
Concen: 119.712 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.017 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Tgt Ion:112 Resp: 794430

Ion	Ratio	Lower	Upper
112	100		
64	52.8	41.1	61.7
63	28.1	20.6	30.8



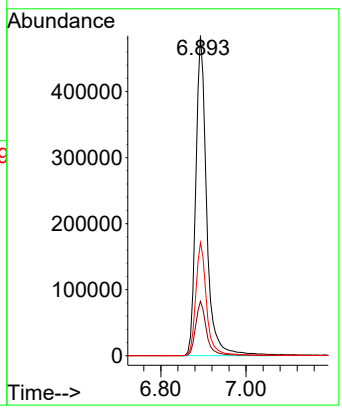


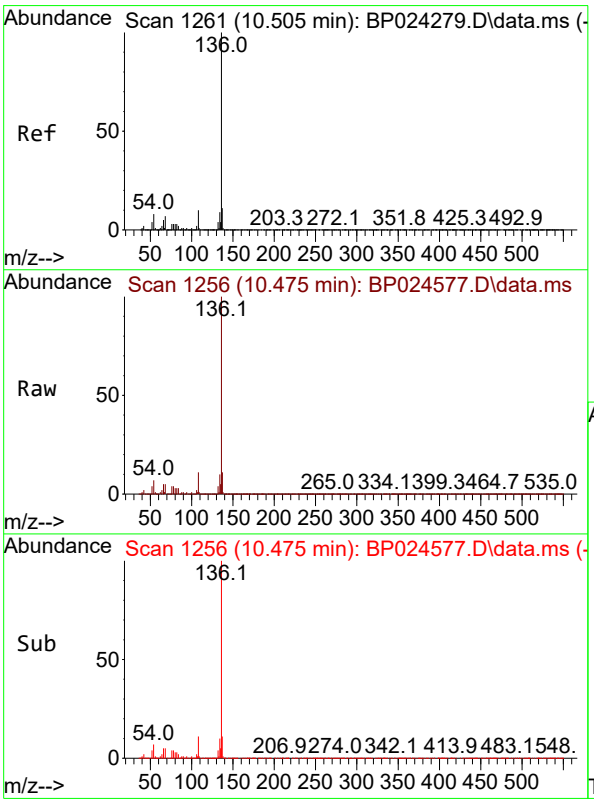
#7
Phenol-d6
Concen: 94.528 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.017 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion: 99 Resp: 858957

Ion	Ratio	Lower	Upper
99	100		
42	17.0	10.6	16.0#
71	35.3	23.7	35.5

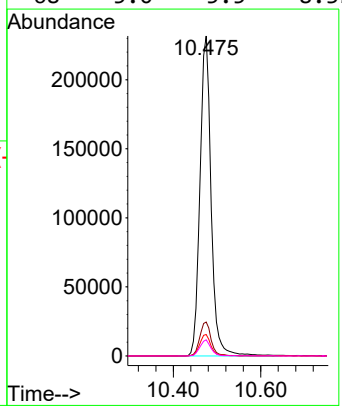


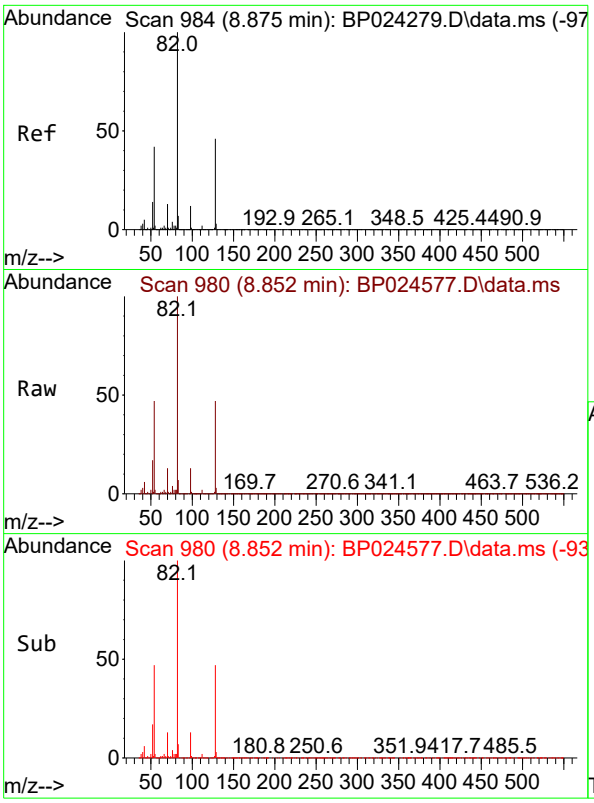


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Tgt Ion:136 Resp: 411478

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.7	6.0	9.0
68	5.0	5.5	8.3#



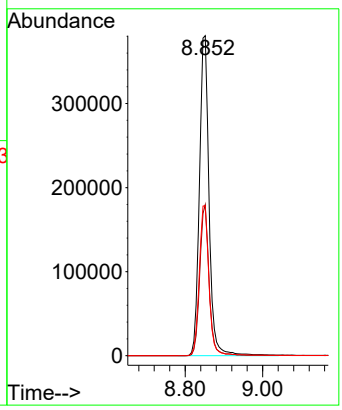


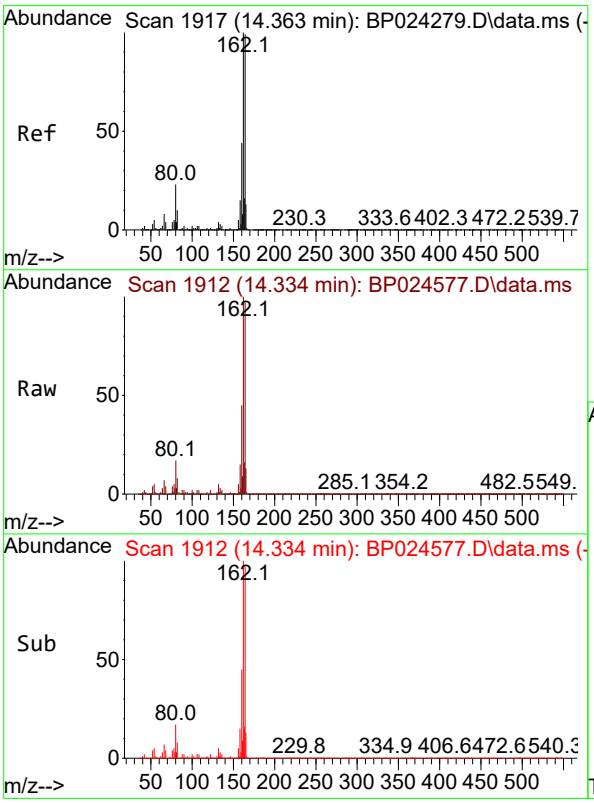
#23
Nitrobenzene-d5
Concen: 91.139 ng
RT: 8.852 min Scan# 9
Delta R.T. -0.017 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion: 82 Resp: 657680

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.5	54.7
54	46.9	33.4	50.2

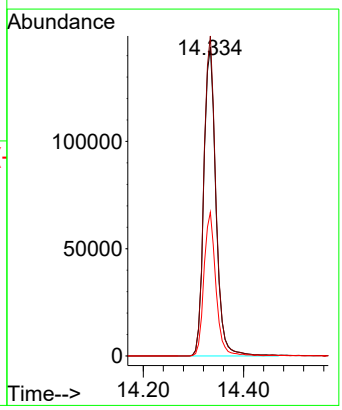


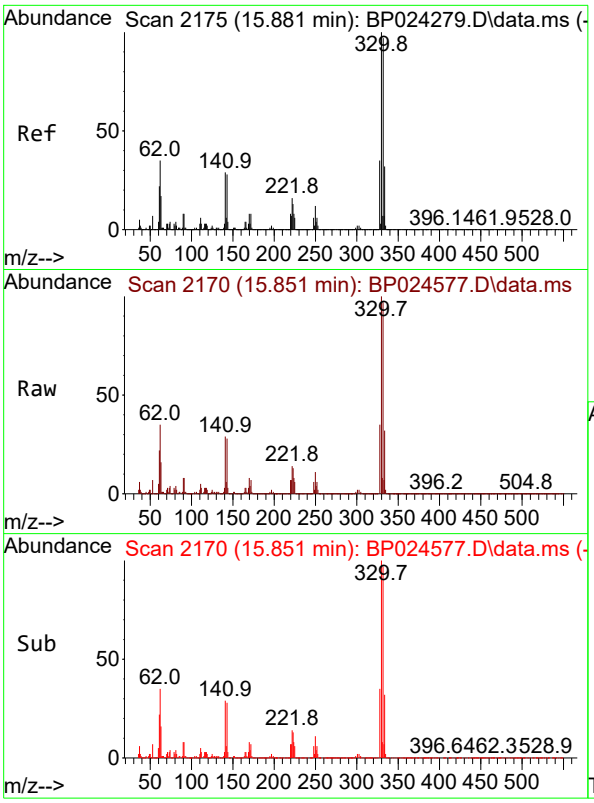


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.017 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Tgt Ion:164 Resp: 242348

Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.6	120.8
160	46.5	35.3	52.9



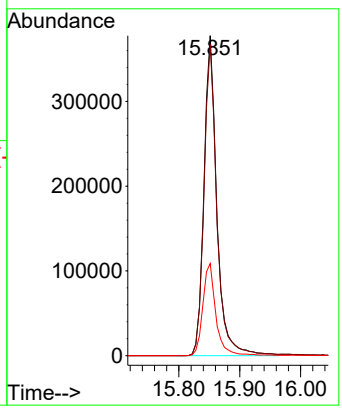


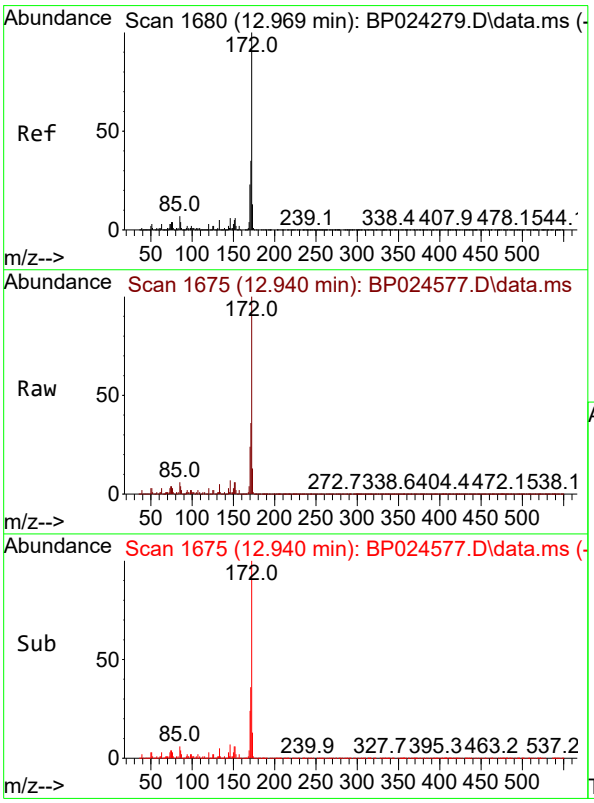
#42
2,4,6-Tribromophenol
Concen: 166.064 ng
RT: 15.851 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion:330 Resp: 556815

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.1	115.7
141	29.3	24.7	37.1

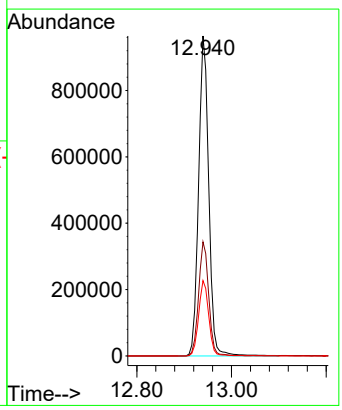


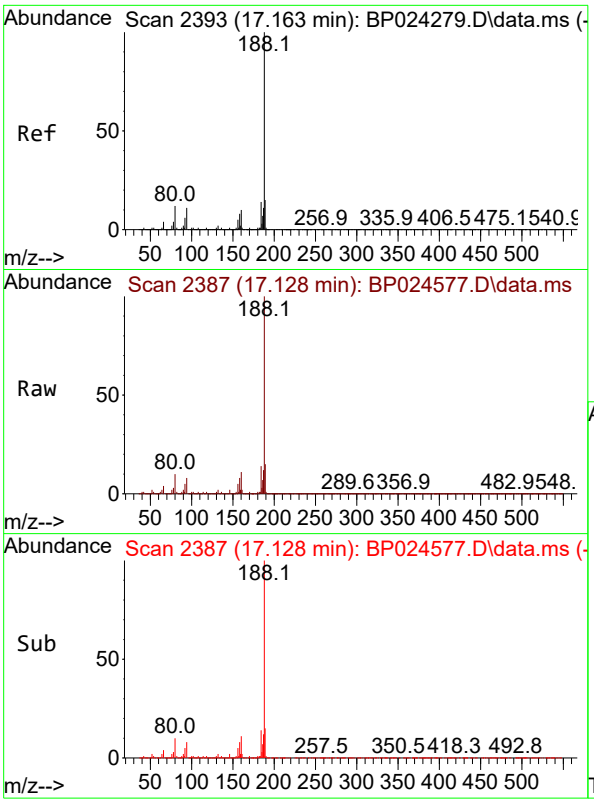


#45
2-Fluorobiphenyl
Concen: 90.659 ng
RT: 12.940 min Scan# 1675
Delta R.T. -0.023 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Tgt Ion:172 Resp: 1434977

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.5	18.6	27.8



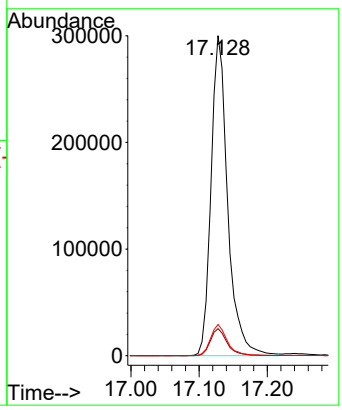


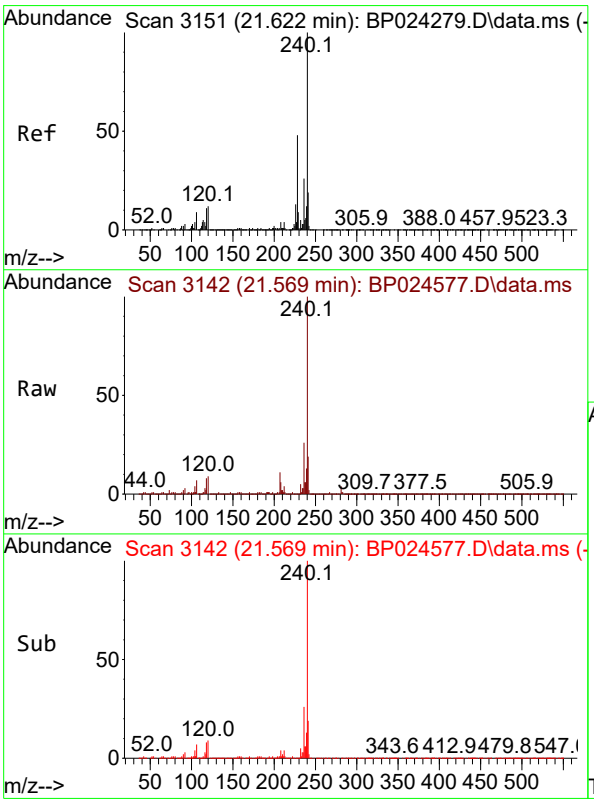
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion:188 Resp: 509591

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.6	13.0#
80	9.8	9.8	14.6

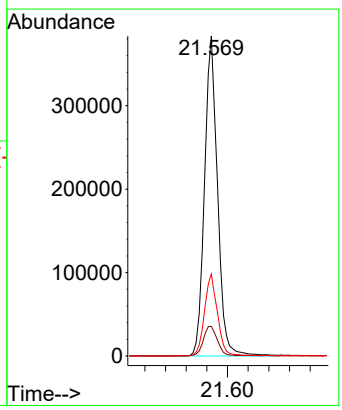


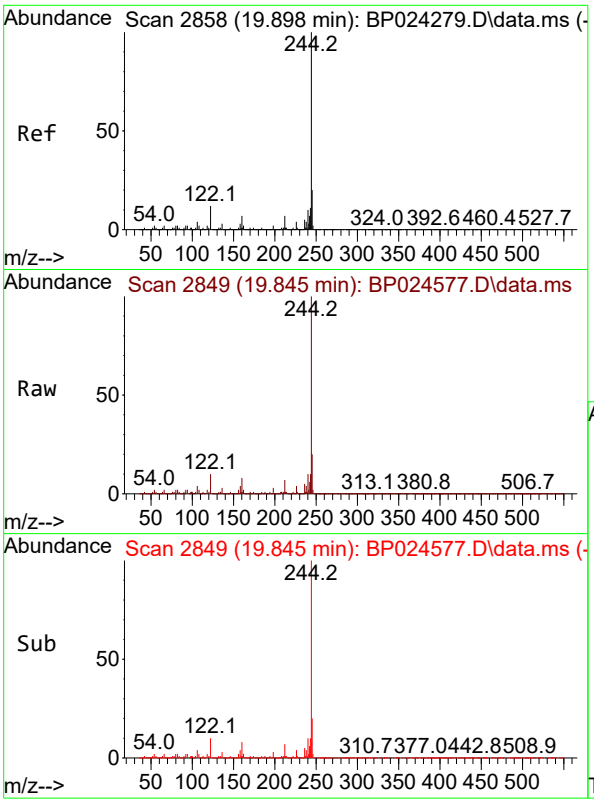


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3142
Delta R.T. -0.023 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Tgt Ion:240 Resp: 669431

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.8	14.8#
236	25.7	20.9	31.3



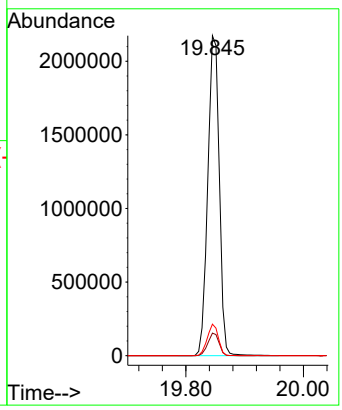


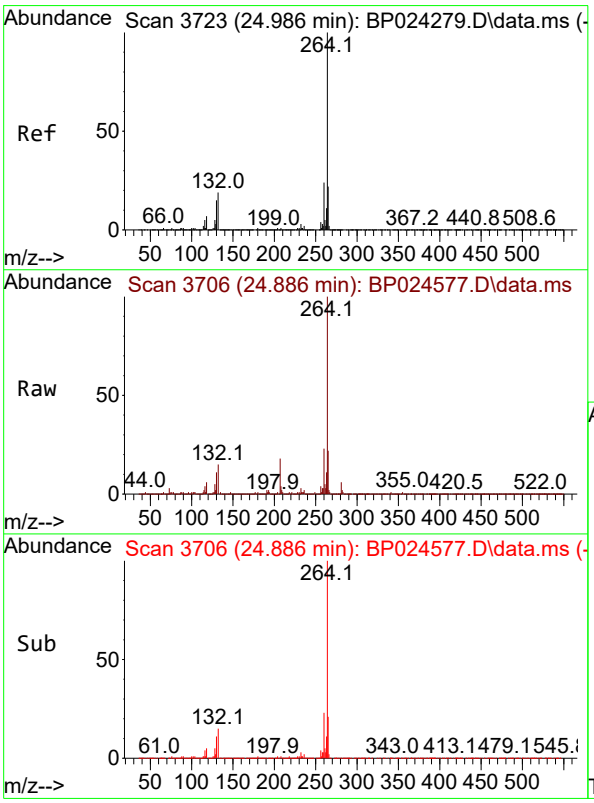
#79
Terphenyl-d14
Concen: 88.655 ng
RT: 19.845 min Scan# 2
Delta R.T. -0.029 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion:244 Resp: 2944408

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	9.8	9.4	14.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.886 min Scan# 3706
Delta R.T. -0.047 min
Lab File: BP024577.D
Acq: 08 May 2025 21:00

Tgt Ion:264 Resp: 806200

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	21.7	17.8	26.6