Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050825\
Data File : BP024575.D
Acq On : 08 May 2025 19:39
Operator : RC/JU
Sample : Q1972-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-B-2

Quant Time: May 09 01:39:34 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	114413	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	435755	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	255765	20.000	ng	-0.02
64) Phenanthrene-d10	17.134	188	520293	20.000	ng	-0.01
76) Chrysene-d12	21.575	240	665717	20.000	ng	#-0.02
86) Perylene-d12	24.904	264	835946	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	768198	111.017	ng	-0.02
7) Phenol-d6	6.893	99	939871	99.196	ng	-0.02
23) Nitrobenzene-d5	8.852	82	575230	75.272	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	463740	131.050	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	1161665	69.542	ng	-0.02
79) Terphenyl-d14	19.851	244	2236352	67.712	ng	-0.02
Target Compounds						Qvalue

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

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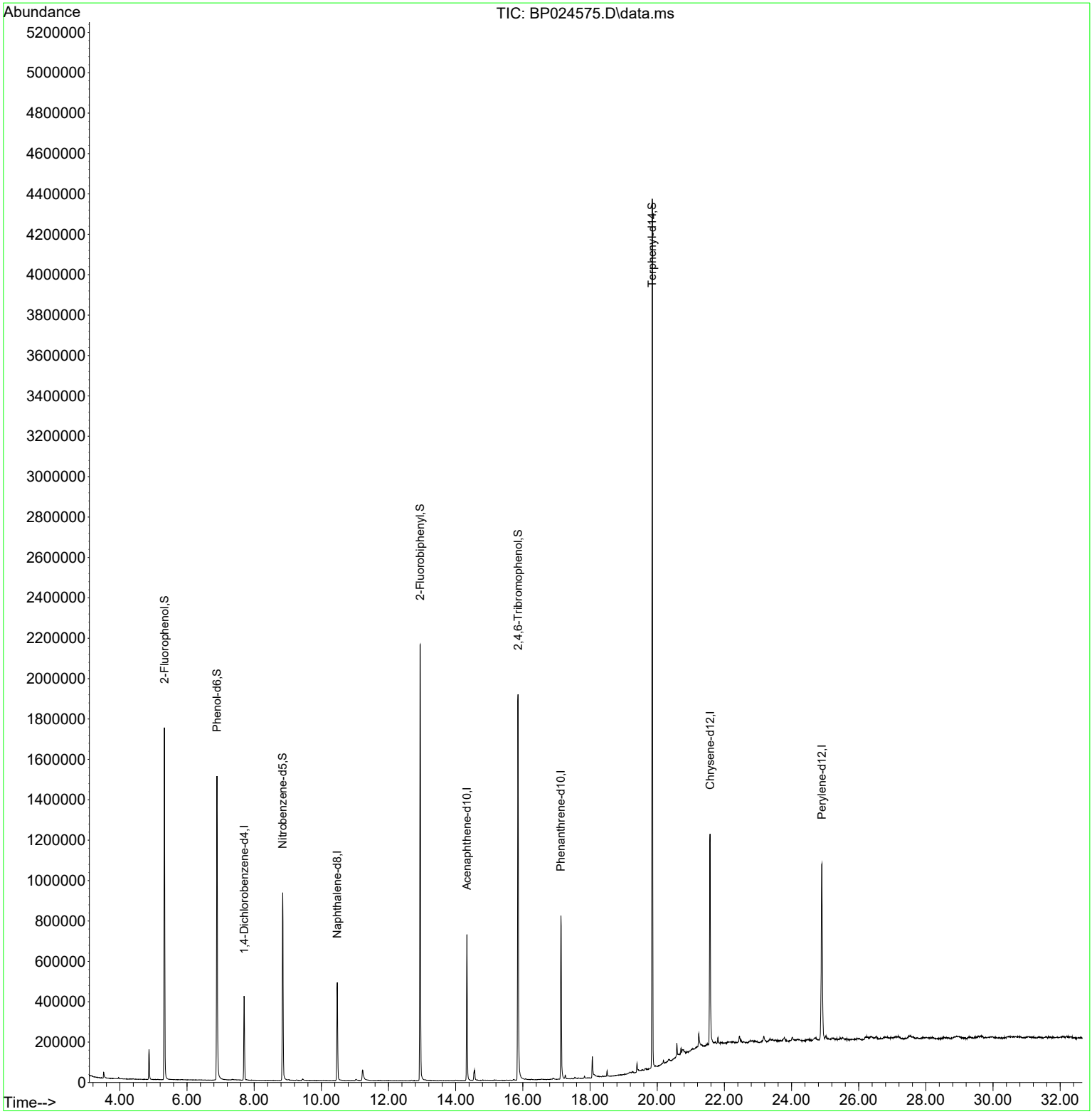
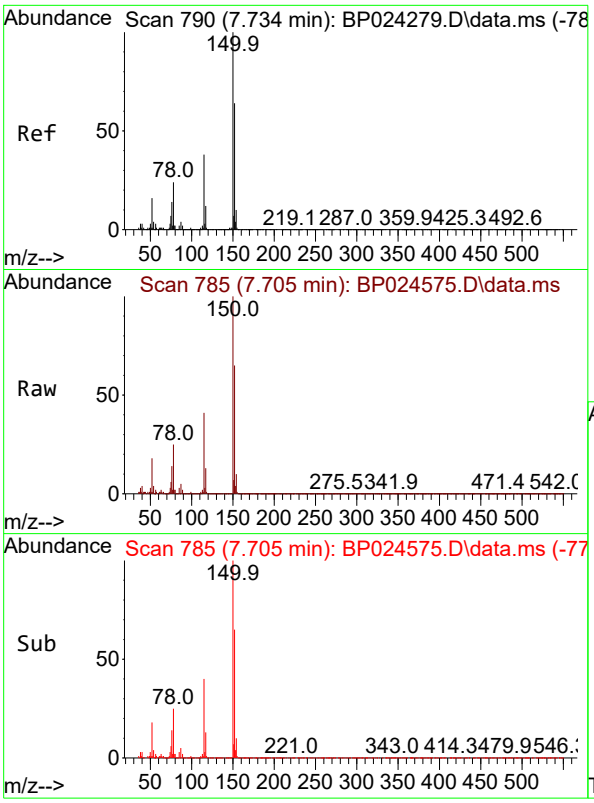


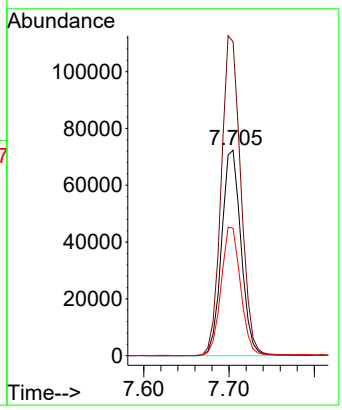


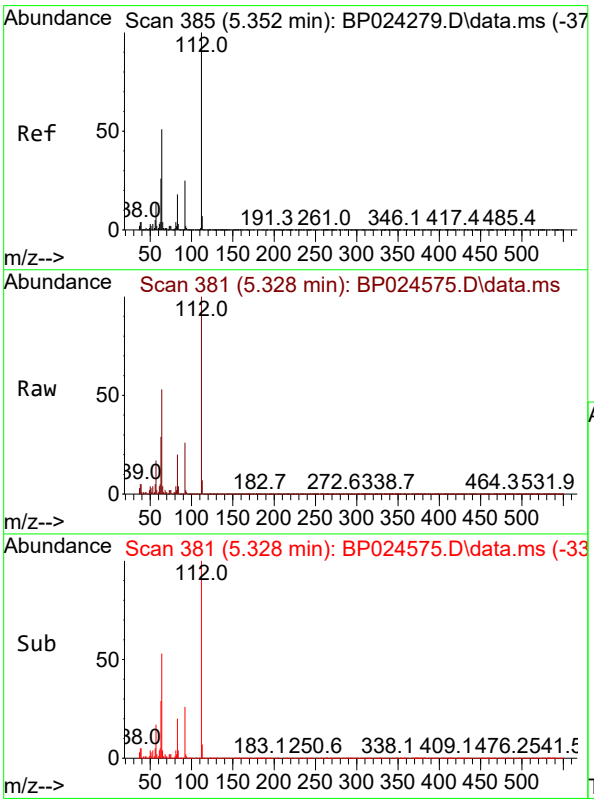
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

Instrument :
BNA_P
ClientSampleId :
WC-B-2

Tgt Ion:152 Resp: 114413

Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.9	187.3
115	62.0	47.7	71.5

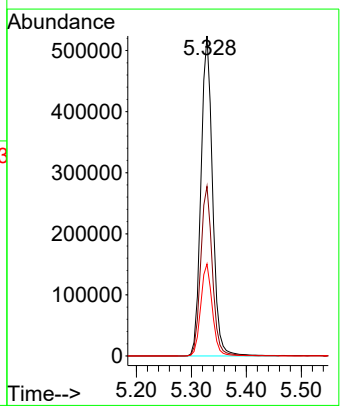


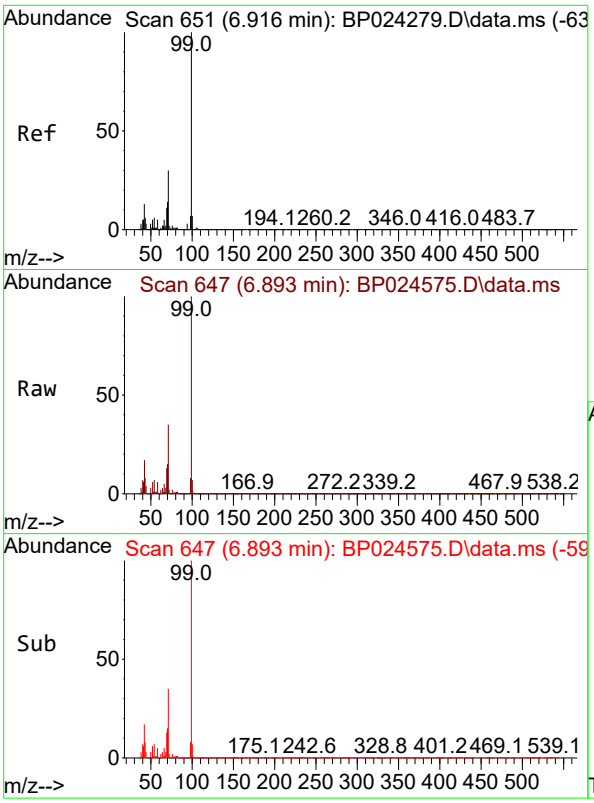


#5
2-Fluorophenol
Concen: 111.017 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

Tgt Ion:112 Resp: 768198

Ion	Ratio	Lower	Upper
112	100		
64	53.0	41.1	61.7
63	28.7	20.6	30.8



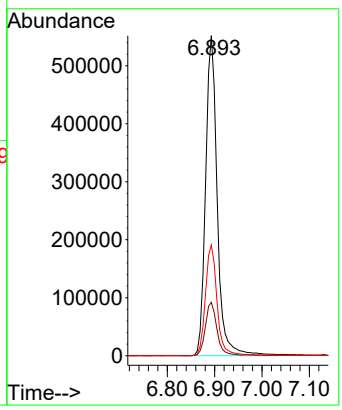


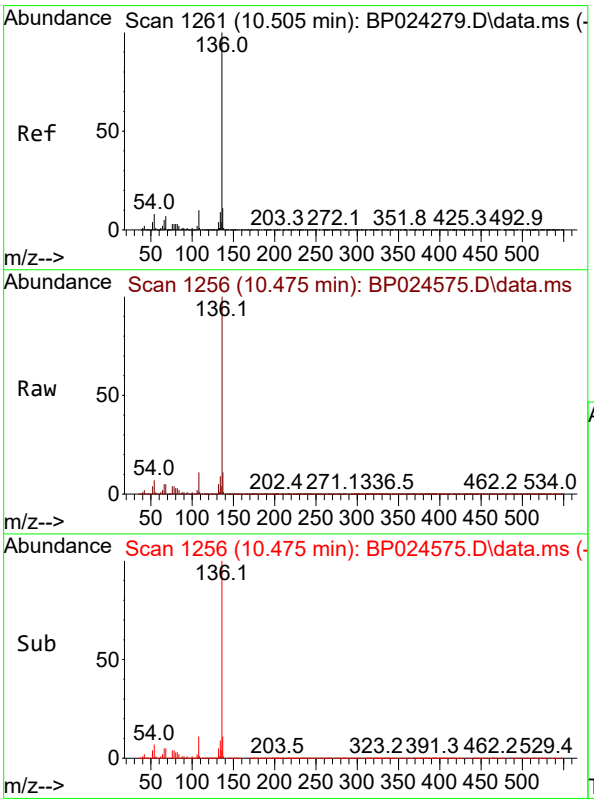
#7
Phenol-d6
Concen: 99.196 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.017 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

Instrument :
BNA_P
ClientSampleId :
WC-B-2

Tgt Ion: 99 Resp: 939871

Ion	Ratio	Lower	Upper
99	100		
42	16.7	10.6	16.0#
71	34.6	23.7	35.5

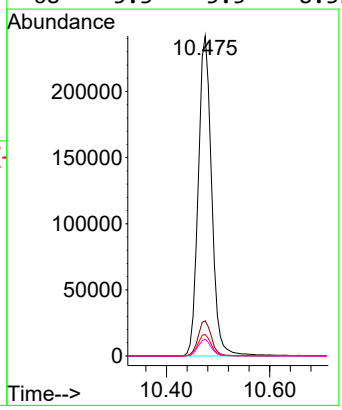


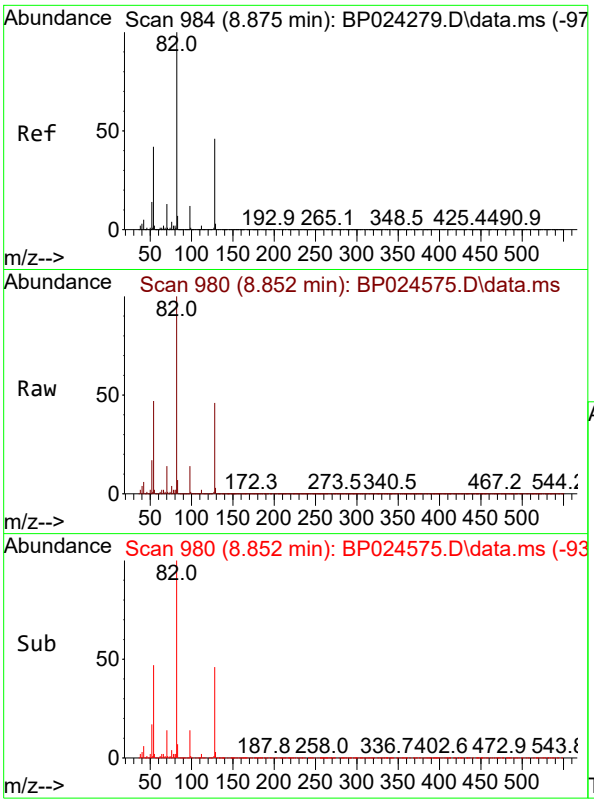


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

Tgt Ion:136 Resp: 435755

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.7	6.0	9.0
68	5.3	5.5	8.3#



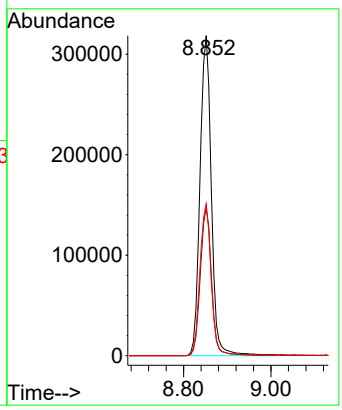


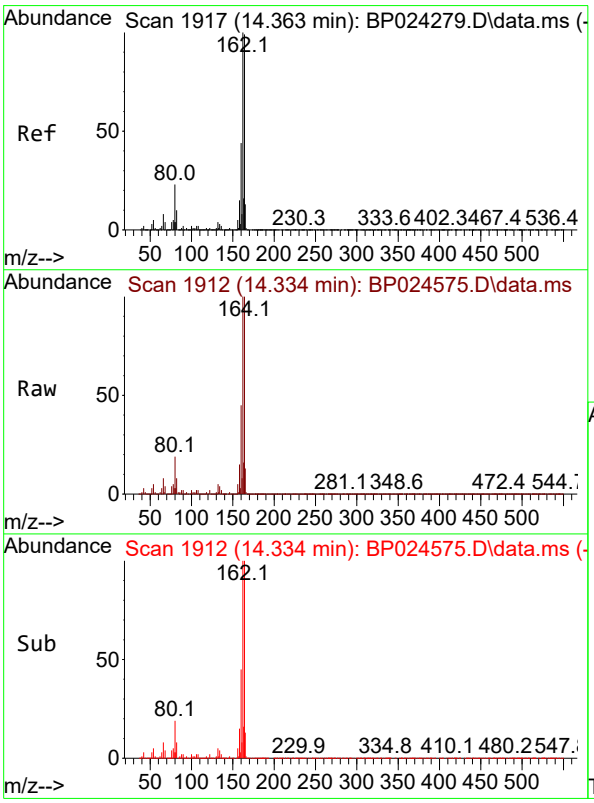
#23
Nitrobenzene-d5
Concen: 75.272 ng
RT: 8.852 min Scan# 9
Delta R.T. -0.017 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

Instrument :
BNA_P
ClientSampleId :
WC-B-2

Tgt Ion: 82 Resp: 575230

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.5	54.7
54	47.4	33.4	50.2

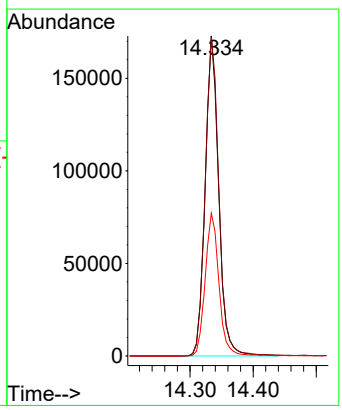


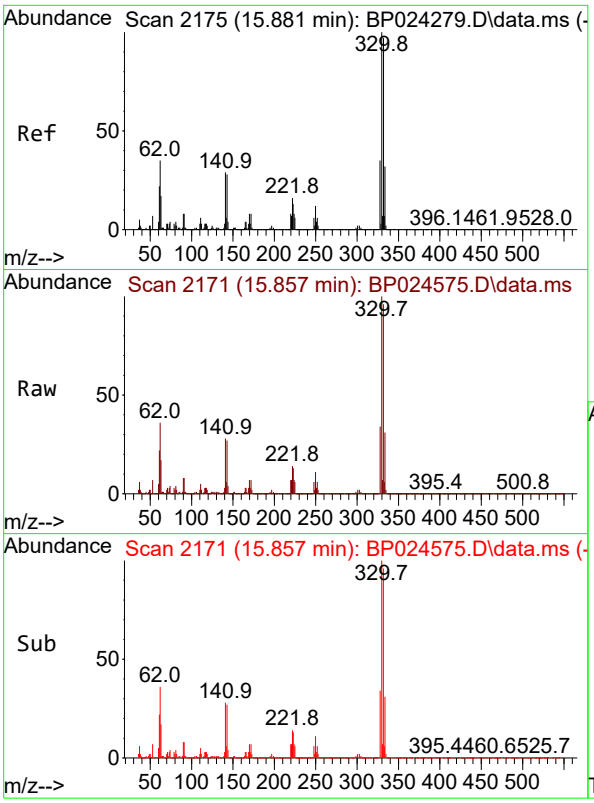


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.017 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

Tgt Ion:164 Resp: 255765

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	120.8
160	44.6	35.3	52.9



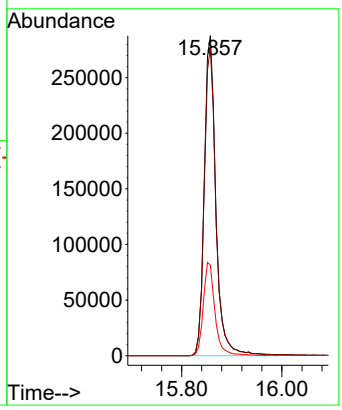


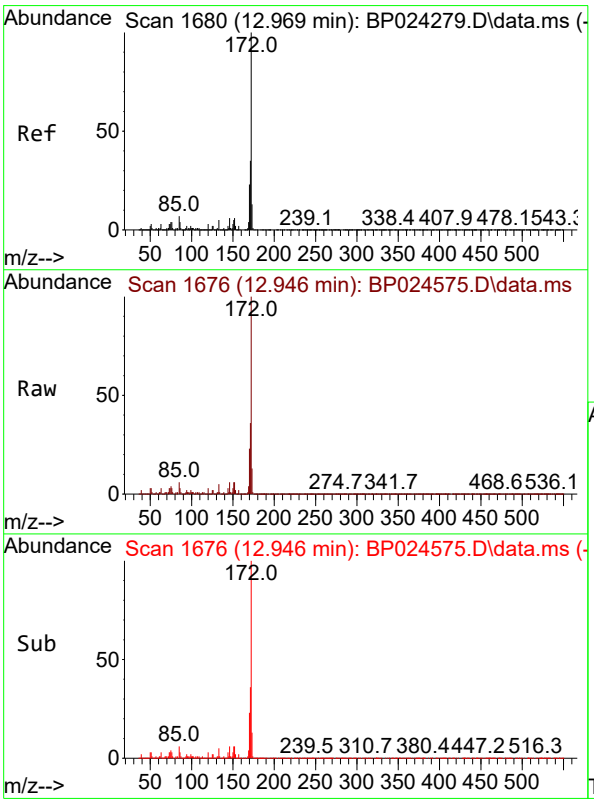
#42
2,4,6-Tribromophenol
Concen: 131.050 ng
RT: 15.857 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

Instrument :
BNA_P
ClientSampleId :
WC-B-2

Tgt Ion:330 Resp: 463740

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	29.4	24.7	37.1

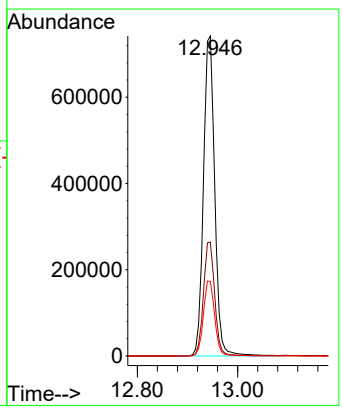


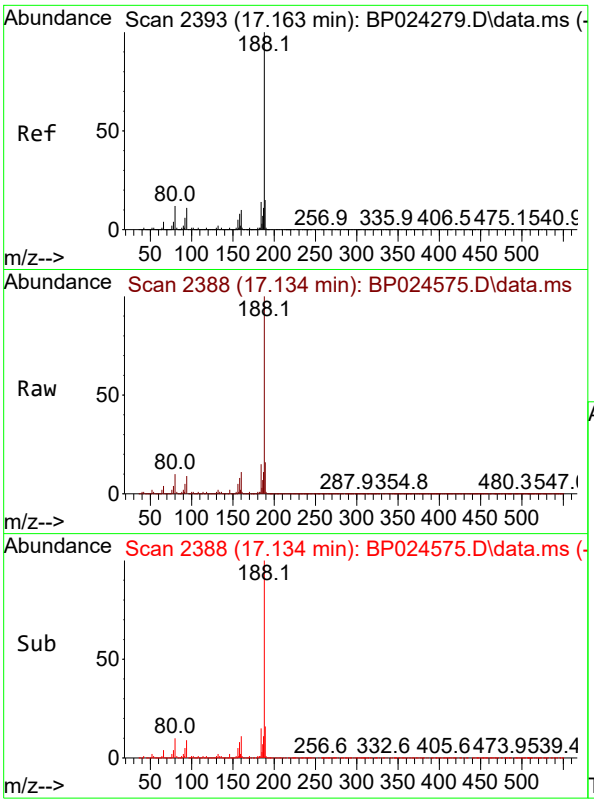


#45
2-Fluorobiphenyl
Concen: 69.542 ng
RT: 12.946 min Scan# 1676
Delta R.T. -0.017 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

Tgt Ion:172 Resp: 1161665

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.3	18.6	27.8



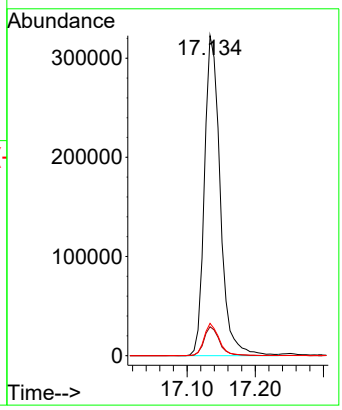


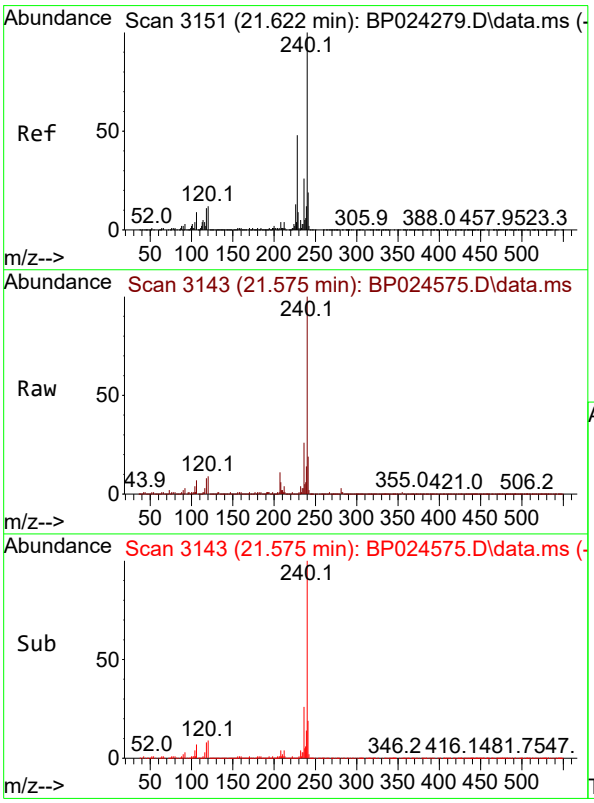
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

Instrument :
BNA_P
ClientSampleId :
WC-B-2

Tgt Ion:188 Resp: 520293

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.6	13.0
80	10.1	9.8	14.6

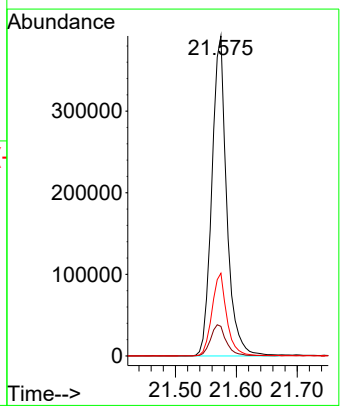


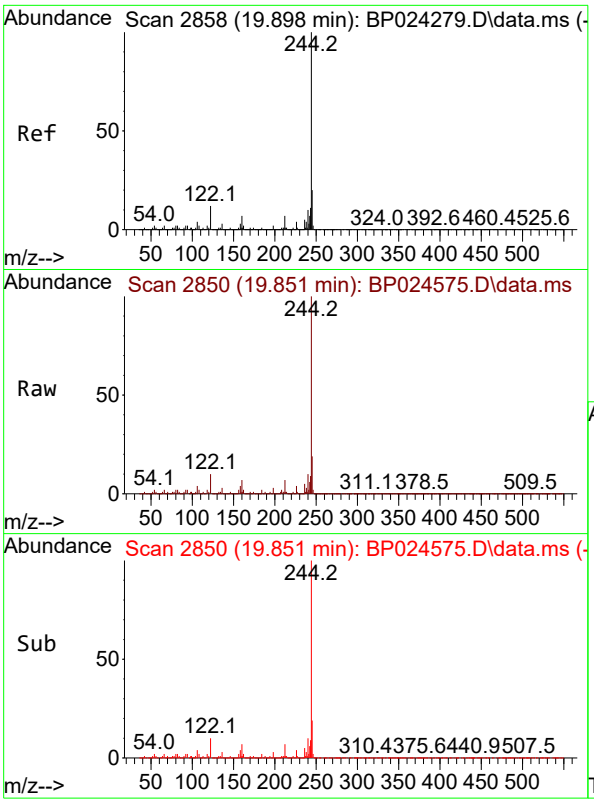


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3143
Delta R.T. -0.017 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

Tgt Ion:240 Resp: 665717

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.8	14.8#
236	25.9	20.9	31.3



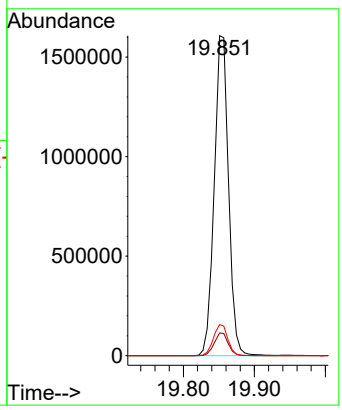


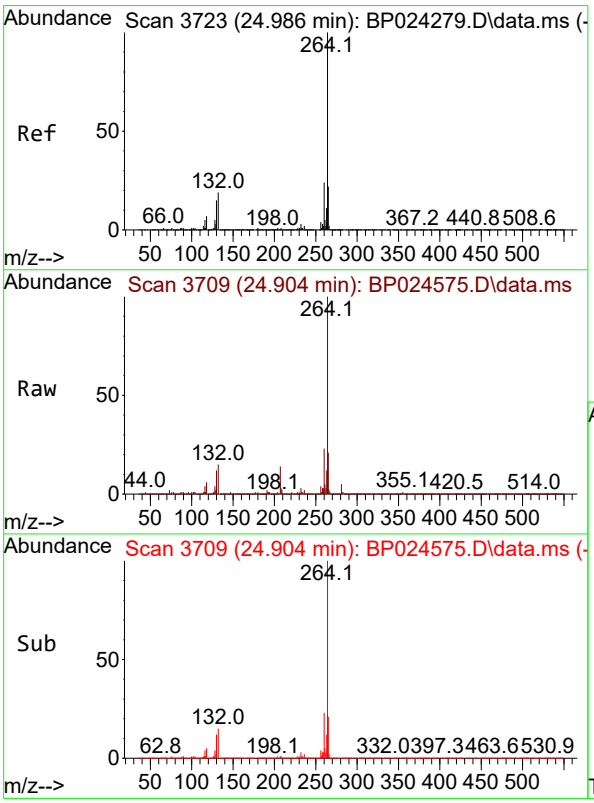
#79
Terphenyl-d14
Concen: 67.712 ng
RT: 19.851 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP024575.D
Acq: 08 May 2025 19:39

Instrument :
BNA_P
ClientSampleId :
WC-B-2

Tgt Ion:244 Resp: 2236352

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	9.7	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: BP024575.D
Acq: 08 May 2025 19:39

Tgt Ion:264 Resp: 835946

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	21.3	17.8	26.6