Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
Data File : BP024588.D
Acq On : 09 May 2025 13:03
Operator : RC/JU
Sample : Q1968-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-M

Quant Time: May 09 13:51:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 09 12:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	141319	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	536094	20.000	ng	# 0.00
39) Acenaphthene-d10	14.328	164	317044	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	623184	20.000	ng	# 0.00
76) Chrysene-d12	21.574	240	736576	20.000	ng	0.00
86) Perylene-d12	24.898	264	881896	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1021387	119.504	ng	0.00
7) Phenol-d6	6.893	99	1102643	94.218	ng	0.00
23) Nitrobenzene-d5	8.846	82	857918	91.252	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	707020	161.182	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	1881525	90.865	ng	0.00
79) Terphenyl-d14	19.857	244	3290893	90.055	ng	0.00
Target Compounds						Qvalue

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

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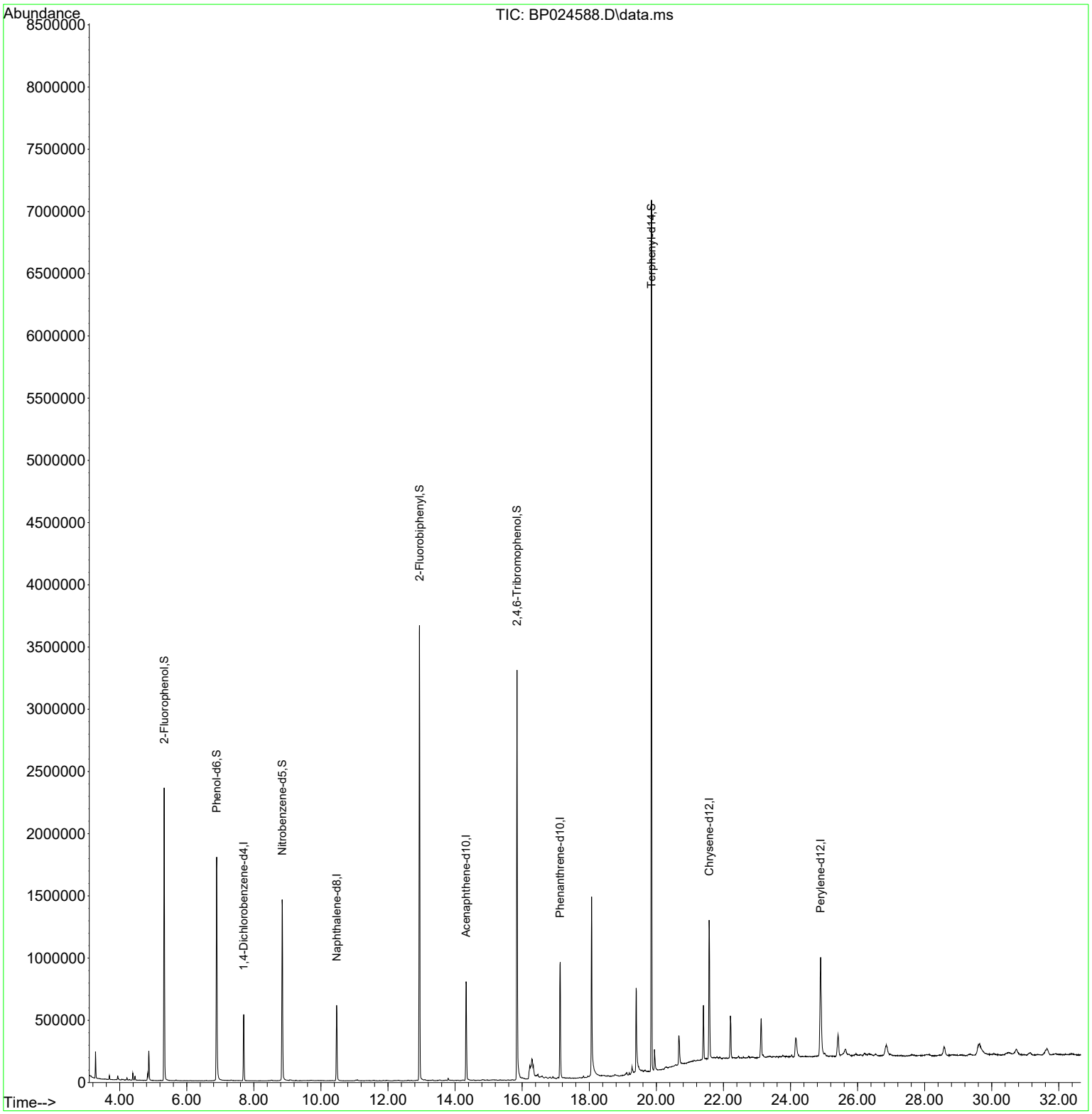
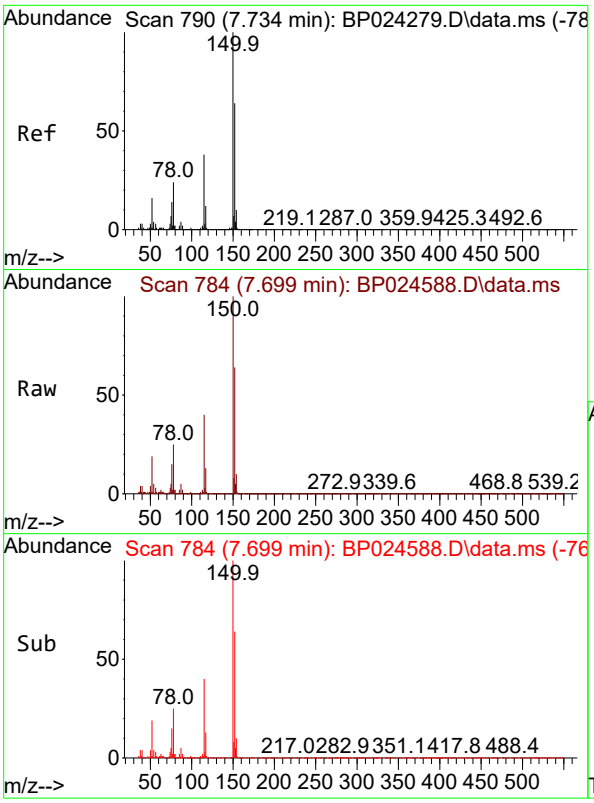


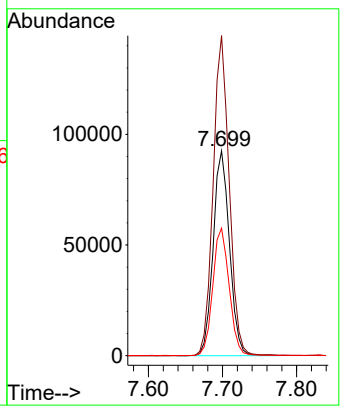


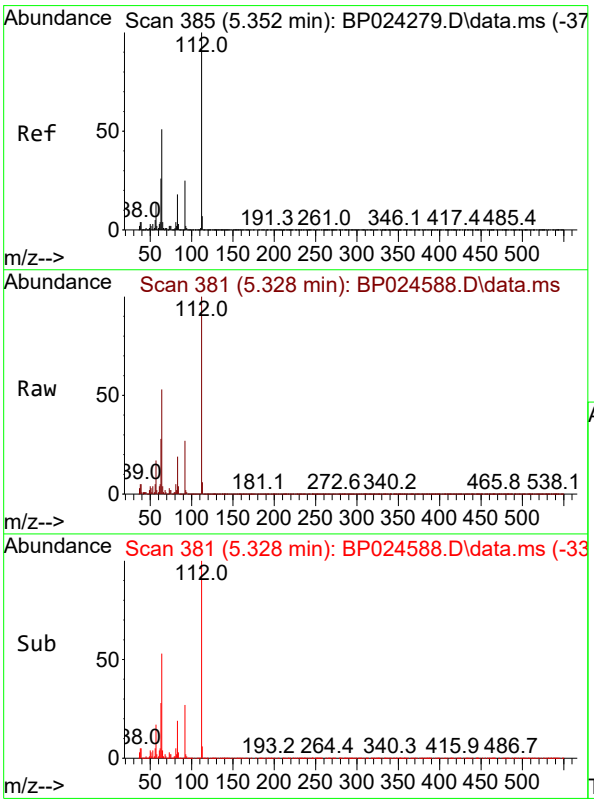
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion:152 Resp: 141319

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.9	187.3
115	62.2	47.7	71.5

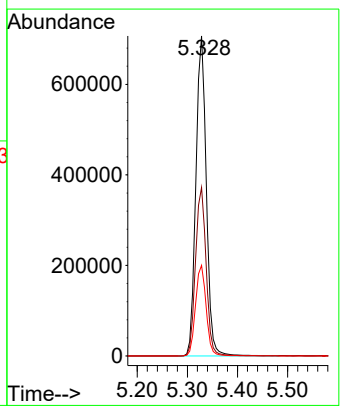


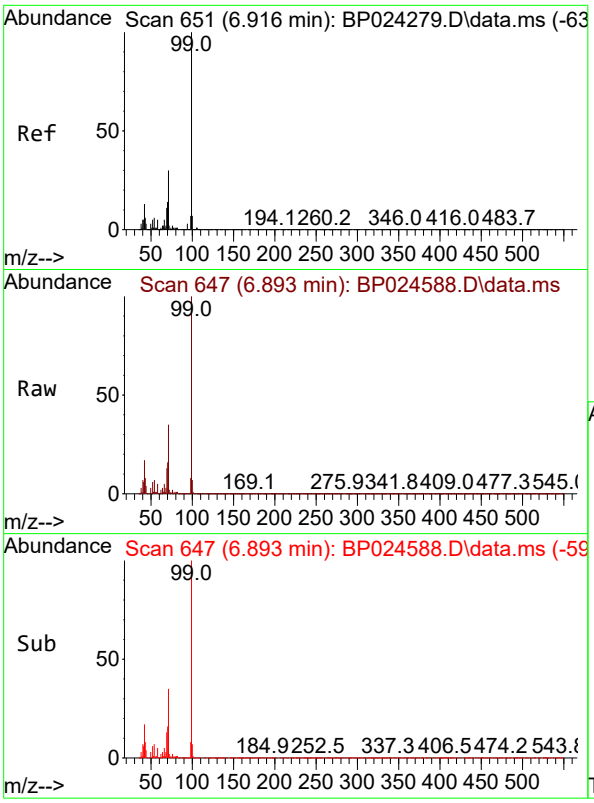


#5
2-Fluorophenol
Concen: 119.504 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.000 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Tgt Ion:112 Resp: 1021387

Ion	Ratio	Lower	Upper
112	100		
64	52.6	41.1	61.7
63	28.3	20.6	30.8



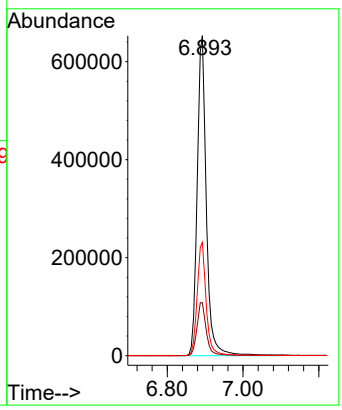


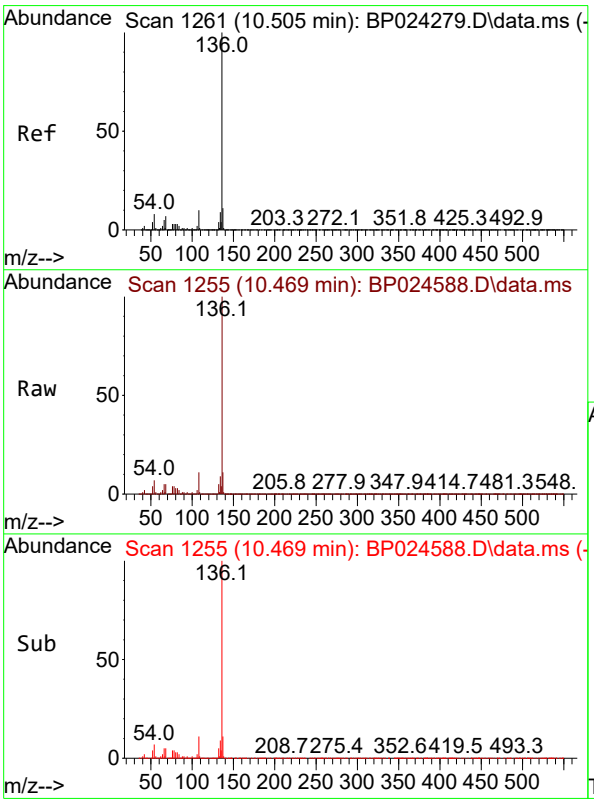
#7
Phenol-d6
Concen: 94.218 ng
RT: 6.893 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion: 99 Resp: 1102643

Ion	Ratio	Lower	Upper
99	100		
42	16.6	10.6	16.0#
71	35.4	23.7	35.5

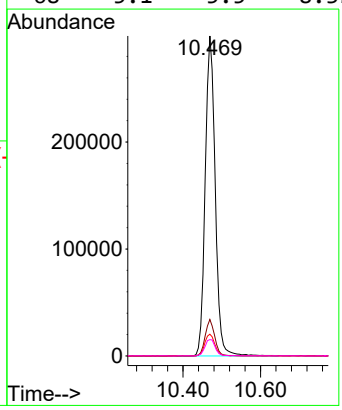


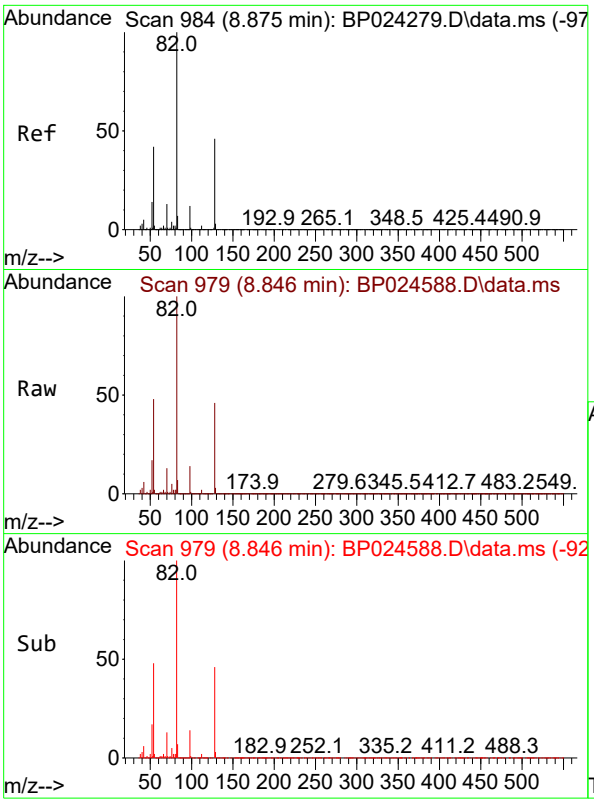


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Tgt Ion:136 Resp: 536094

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.8	6.0	9.0
68	5.1	5.5	8.3#



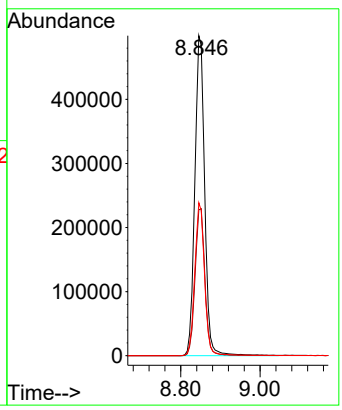


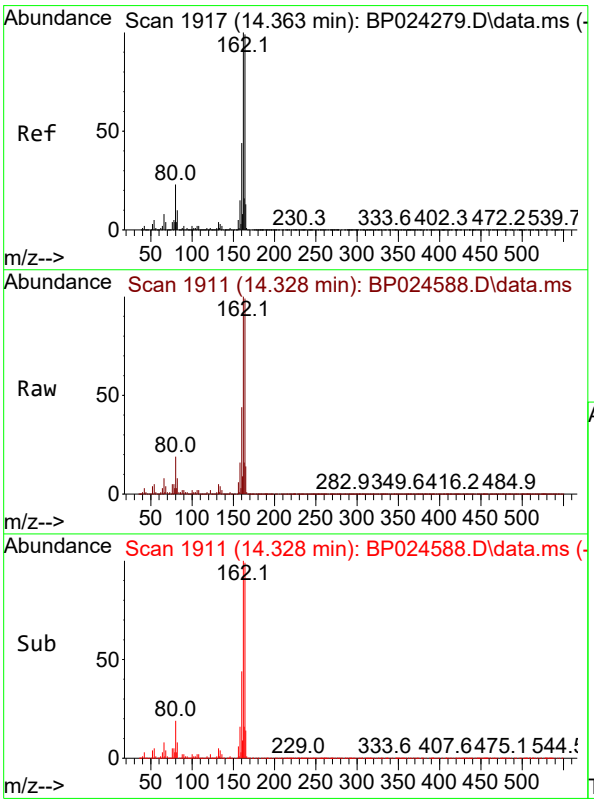
#23
Nitrobenzene-d5
Concen: 91.252 ng
RT: 8.846 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion: 82 Resp: 857918

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	47.8	33.4	50.2

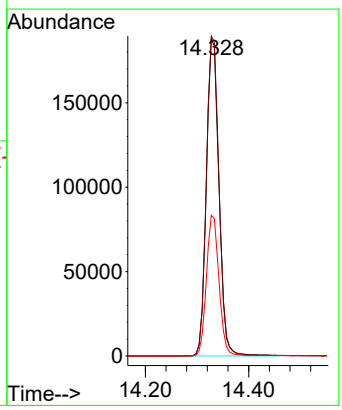


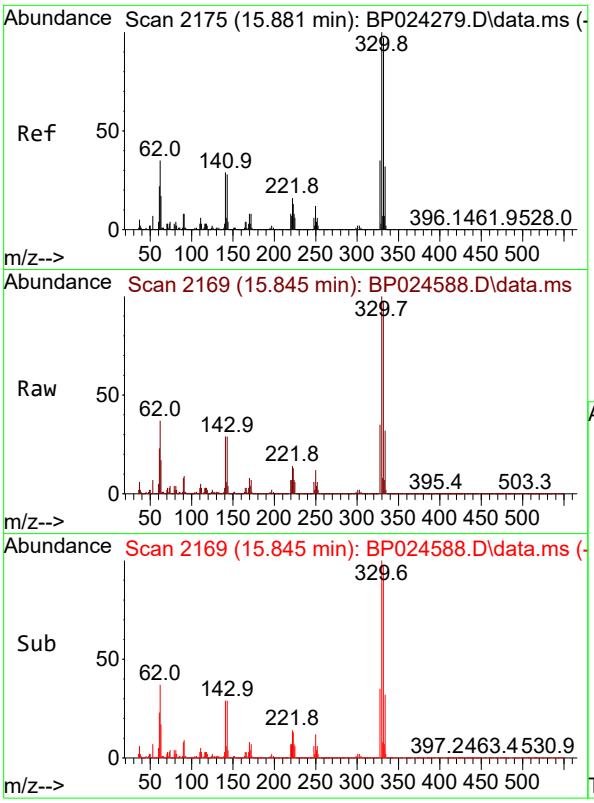


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Tgt Ion:164 Resp: 317044

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	44.3	35.3	52.9



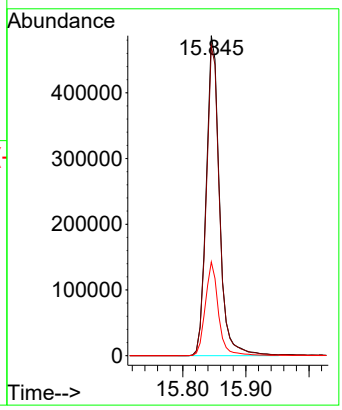


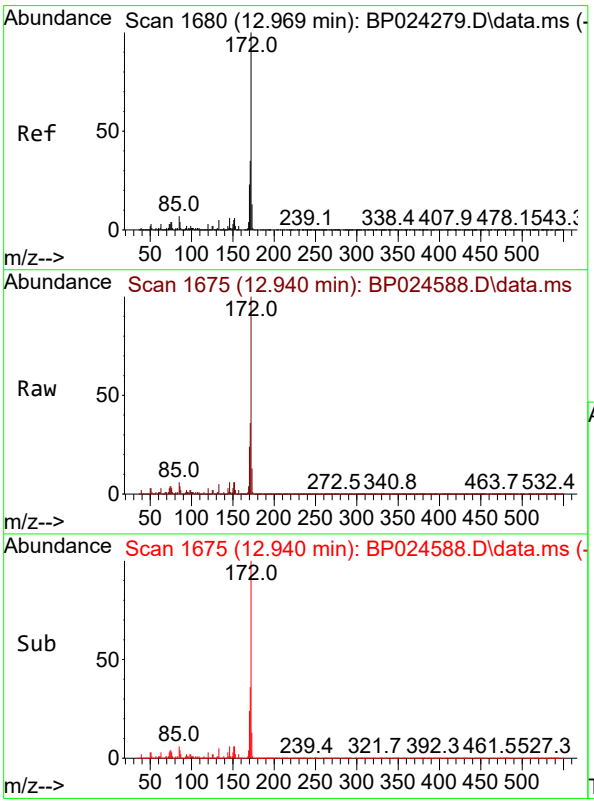
#42
2,4,6-Tribromophenol
Concen: 161.182 ng
RT: 15.845 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion:330 Resp: 707020

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	29.0	24.7	37.1

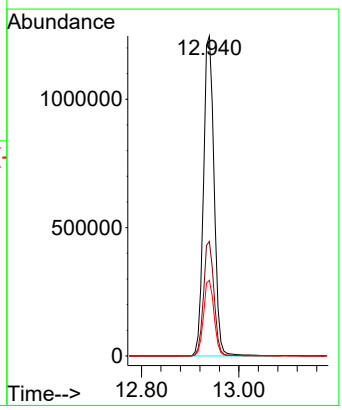


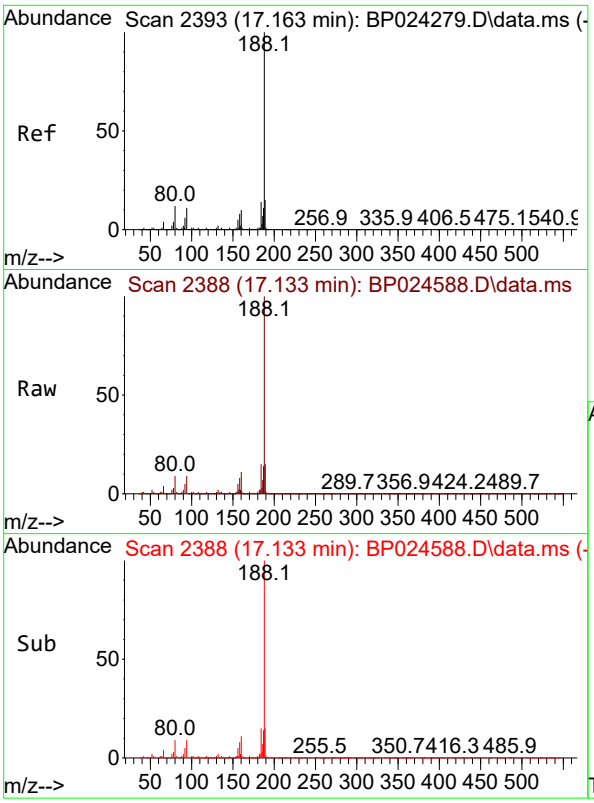


#45
2-Fluorobiphenyl
Concen: 90.865 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Tgt Ion:172 Resp: 1881525

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.7	18.6	27.8



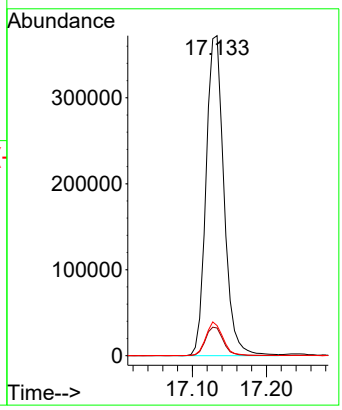


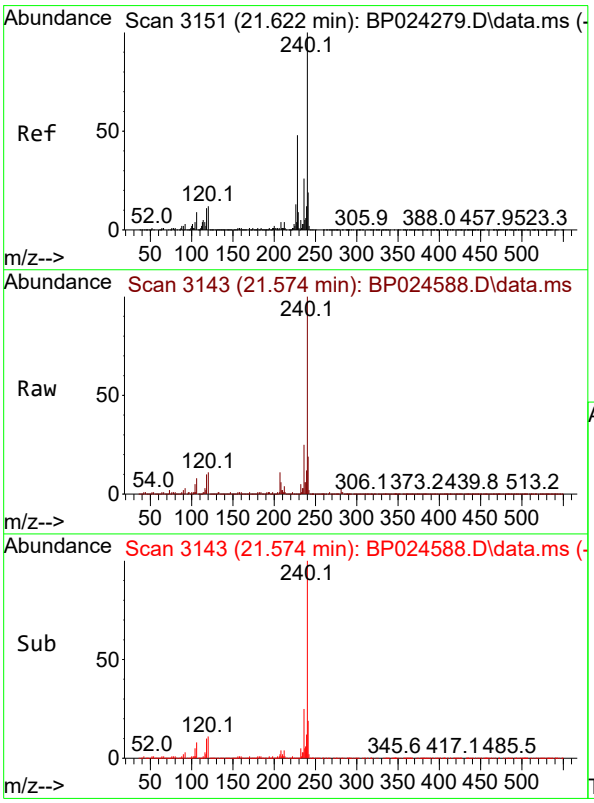
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion:188 Resp: 623184

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.6	13.0
80	9.4	9.8	14.6#

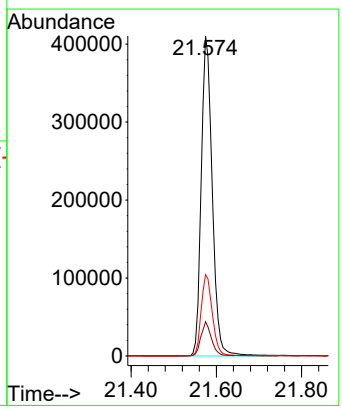


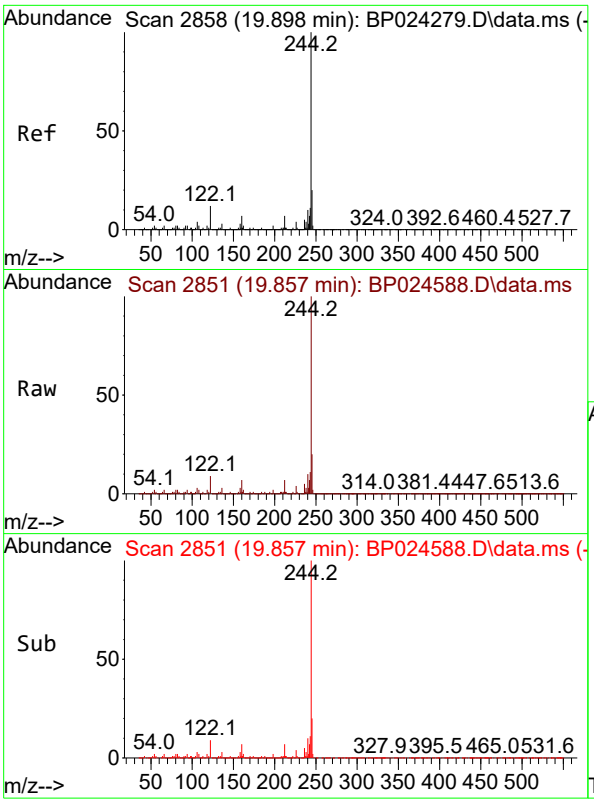


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Tgt Ion:240 Resp: 736576

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.8	14.8
236	25.4	20.9	31.3



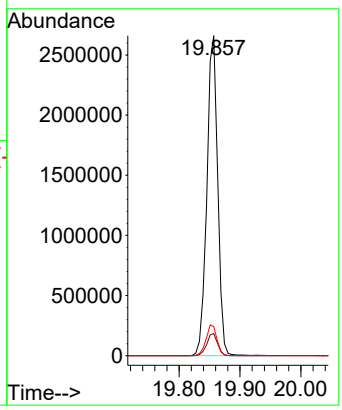


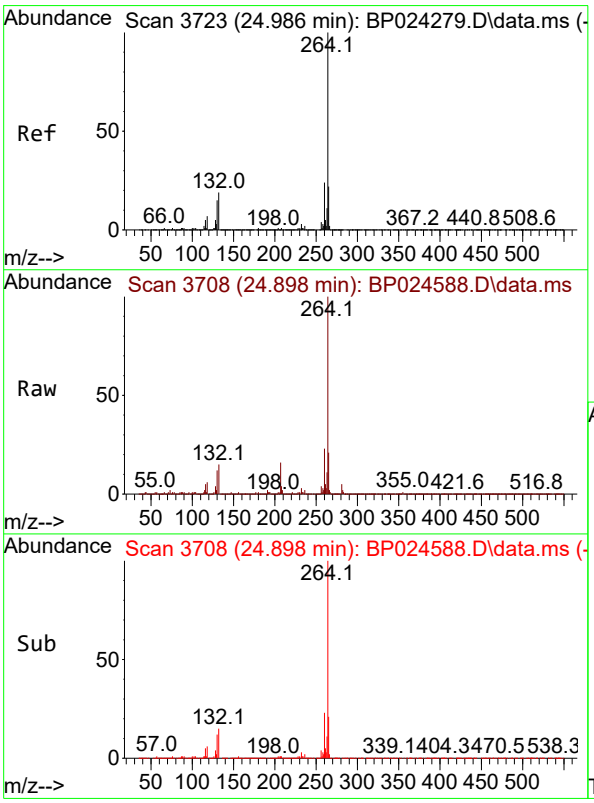
#79
Terphenyl-d14
Concen: 90.055 ng
RT: 19.857 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion:244 Resp: 3290893

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	9.1	9.4	14.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.898 min Scan# 3708
Delta R.T. 0.012 min
Lab File: BP024588.D
Acq: 09 May 2025 13:03

Tgt Ion:264 Resp: 881896

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.3	17.8	26.6