Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
Data File : BP024592.D
Acq On : 09 May 2025 15:46
Operator : RC/JU
Sample : Q1968-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-M

Quant Time: May 09 16:28:09 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	118424	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	445558	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	260832	20.000	ng	0.00
64) Phenanthrene-d10	17.128	188	542499	20.000	ng	# 0.00
76) Chrysene-d12	21.569	240	704694	20.000	ng	# 0.00
86) Perylene-d12	24.892	264	803227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	895054	124.969	ng	0.00
7) Phenol-d6	6.893	99	996480	101.608	ng	0.00
23) Nitrobenzene-d5	8.846	82	742480	95.020	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	635983	176.234	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	1642675	96.427	ng	0.00
79) Terphenyl-d14	19.845	244	3312385	94.744	ng	0.00
Target Compounds						Qvalue

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

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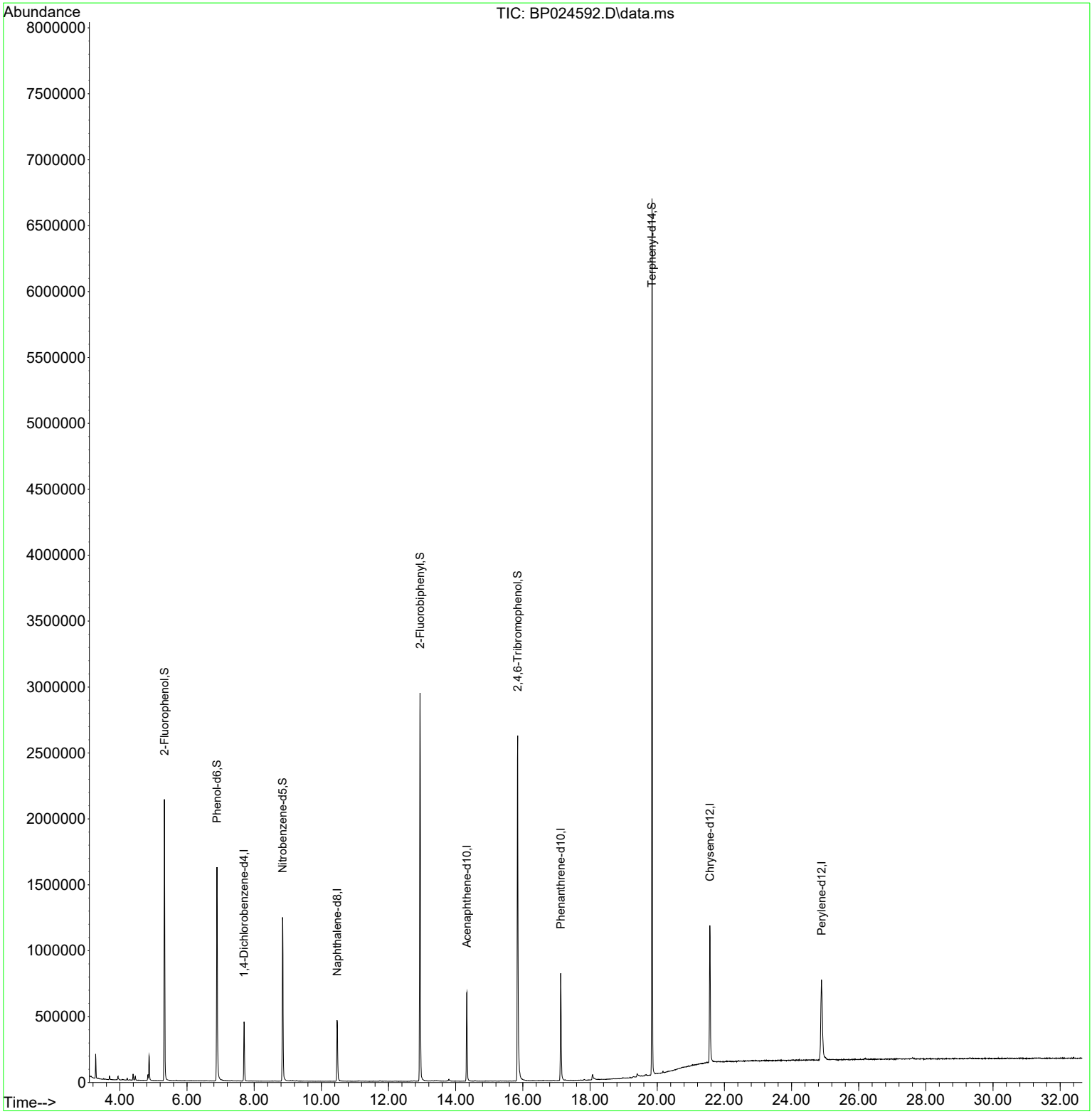
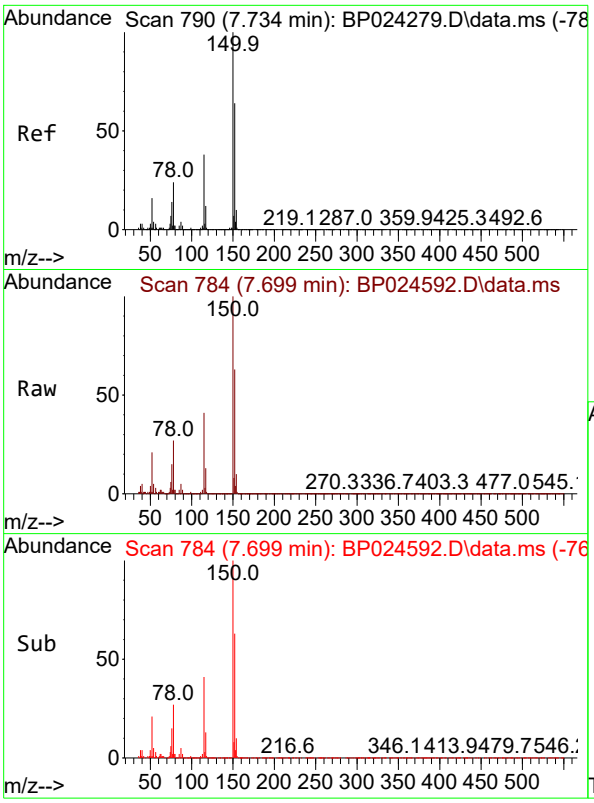


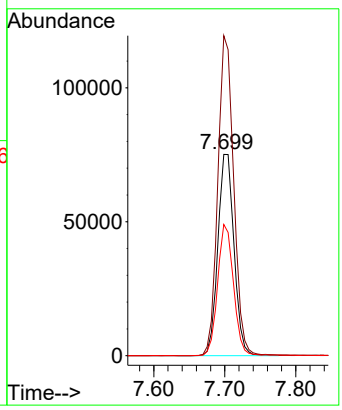


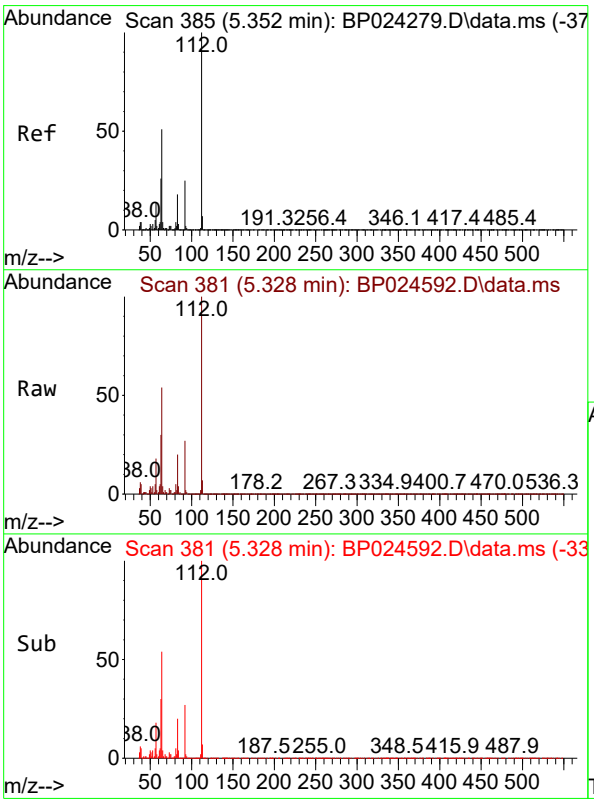
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion:152 Resp: 118424

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.9	187.3
115	65.2	47.7	71.5

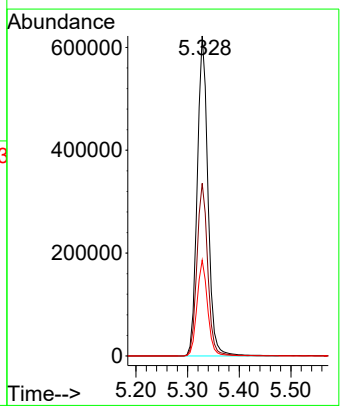


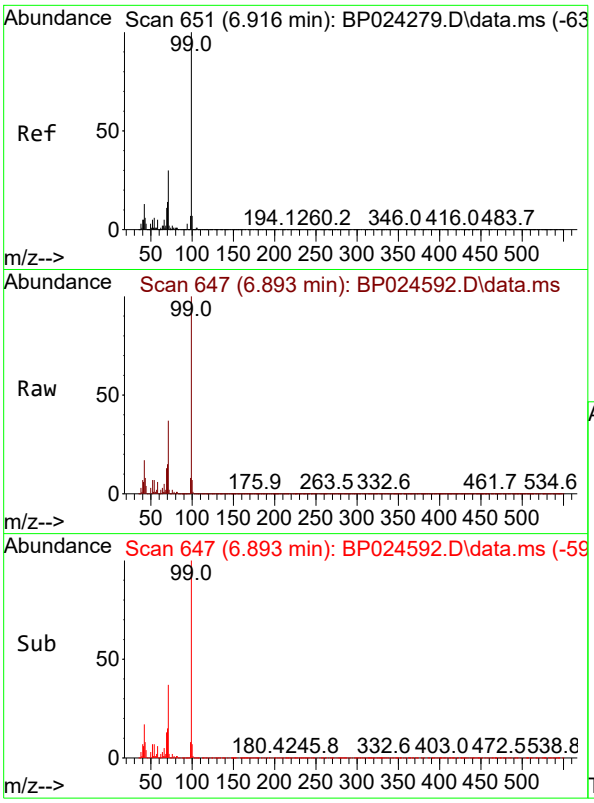


#5
2-Fluorophenol
Concen: 124.969 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Tgt Ion:112 Resp: 895054

Ion	Ratio	Lower	Upper
112	100		
64	54.0	41.1	61.7
63	29.9	20.6	30.8



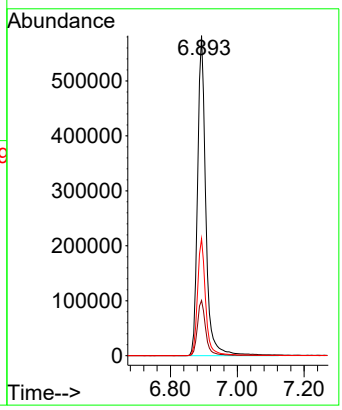


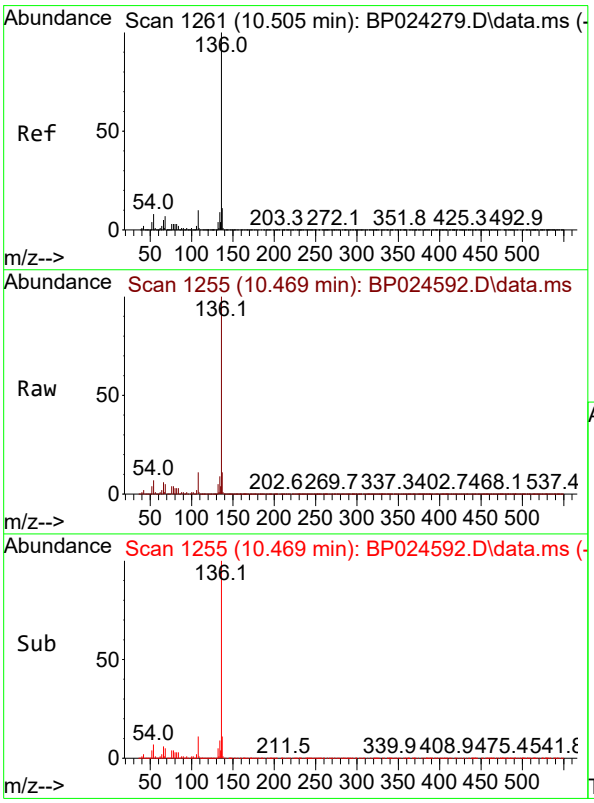
#7
Phenol-d6
Concen: 101.608 ng
RT: 6.893 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion: 99 Resp: 996480

Ion	Ratio	Lower	Upper
99	100		
42	17.3	10.6	16.0#
71	36.6	23.7	35.5#

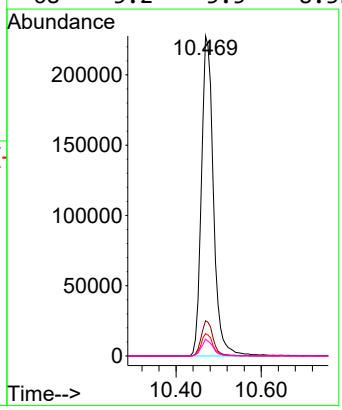


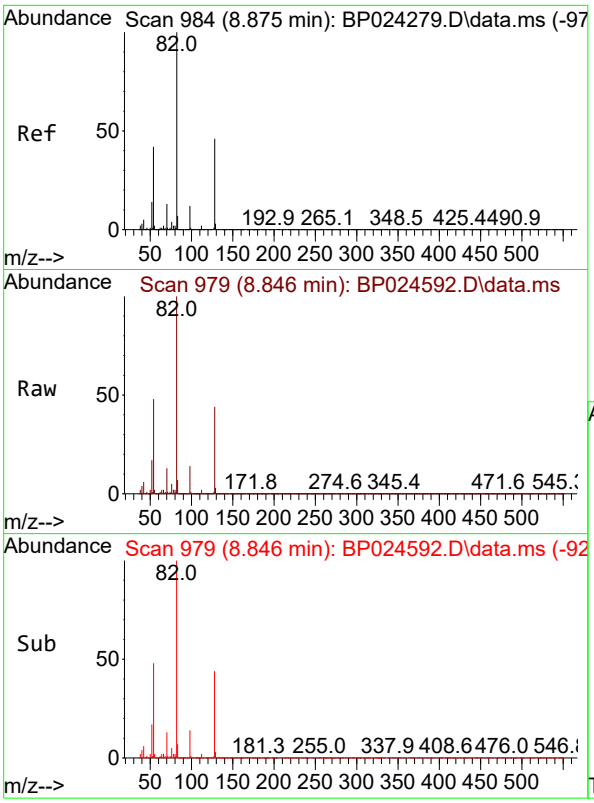


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Tgt Ion:136 Resp: 445558

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.0	6.0	9.0
68	5.2	5.5	8.3#



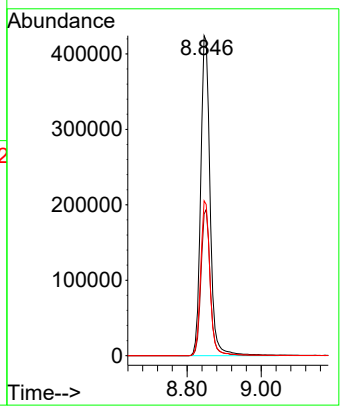


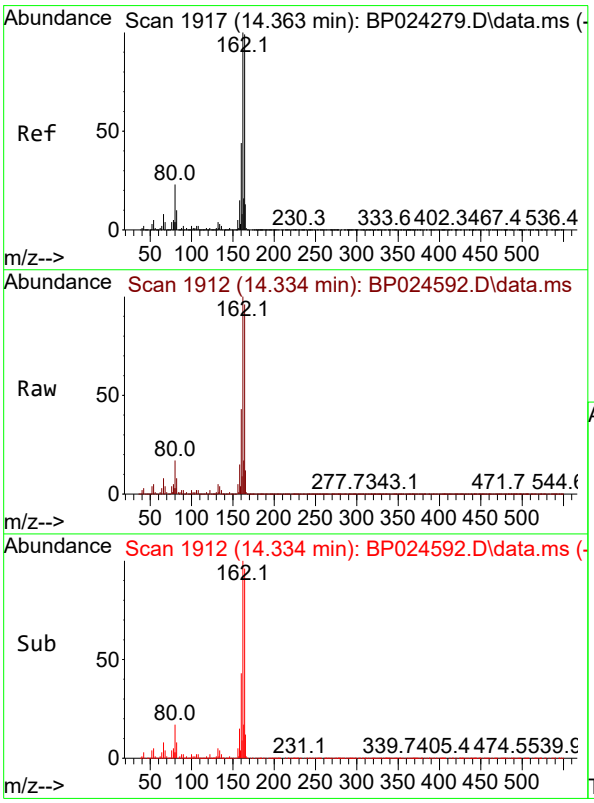
#23
Nitrobenzene-d5
Concen: 95.020 ng
RT: 8.846 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion: 82 Resp: 742480

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.5	54.7
54	48.4	33.4	50.2

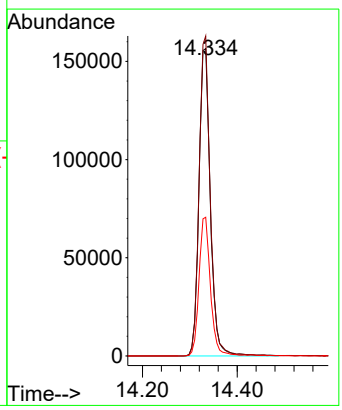


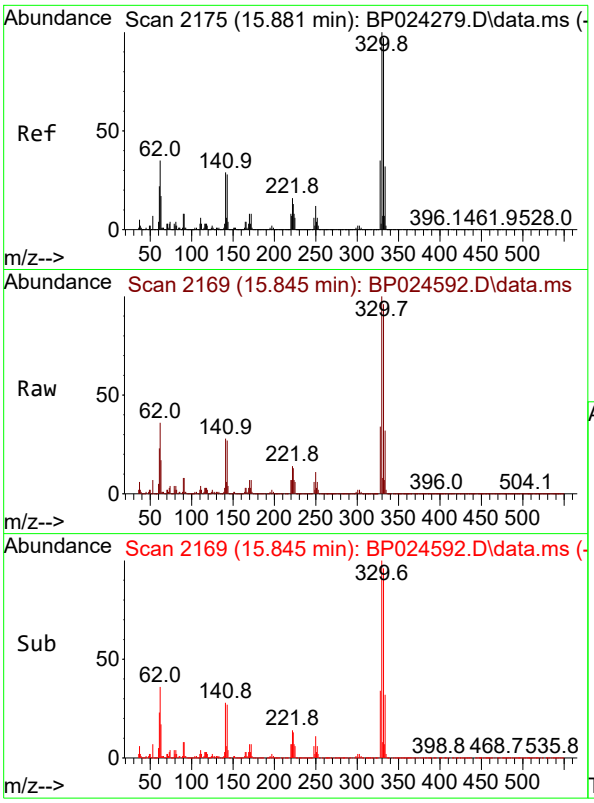


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Tgt Ion:164 Resp: 260832

Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.6	120.8
160	45.1	35.3	52.9



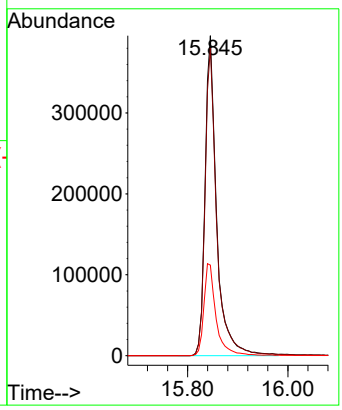


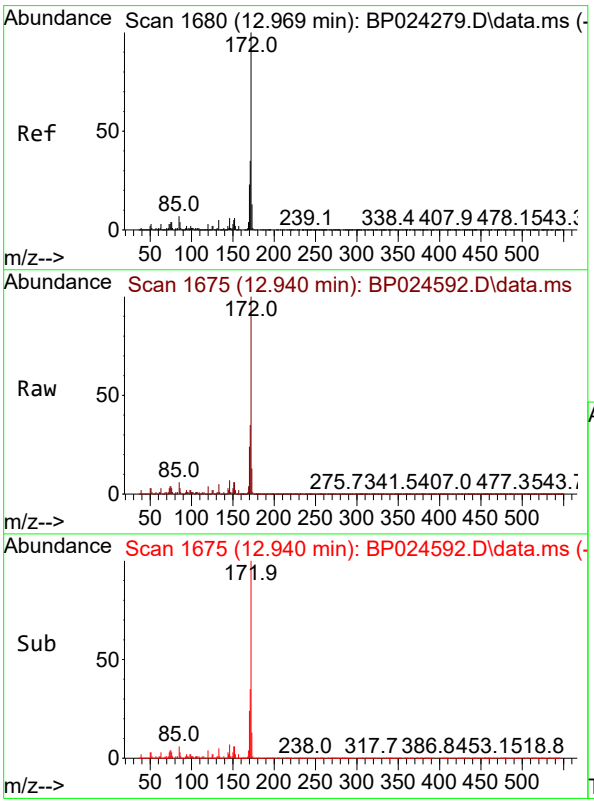
#42
2,4,6-Tribromophenol
Concen: 176.234 ng
RT: 15.845 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion:330 Resp: 635983

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	30.1	24.7	37.1

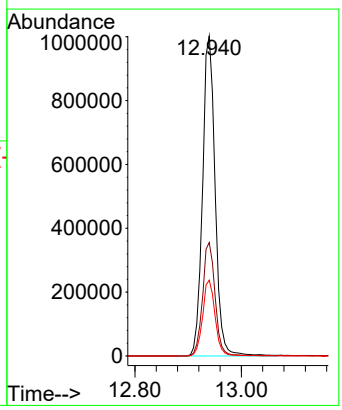


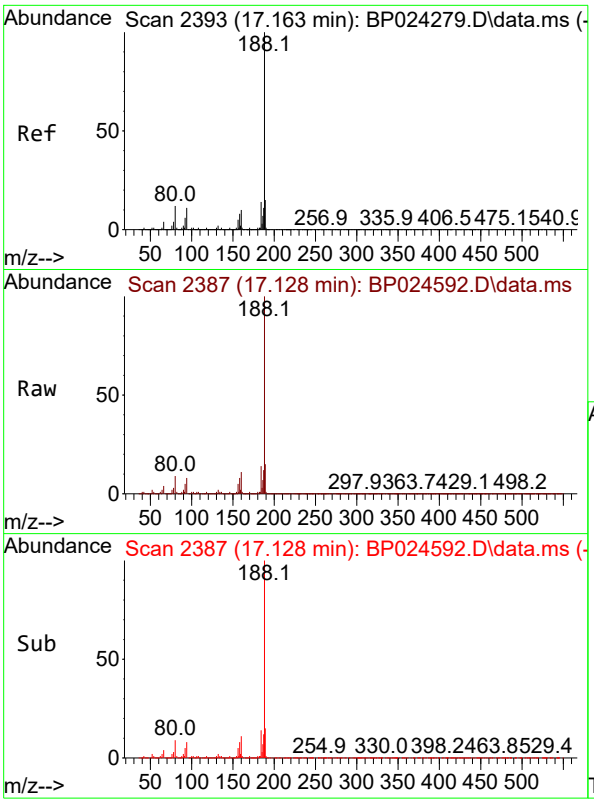


#45
2-Fluorobiphenyl
Concen: 96.427 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Tgt Ion:172 Resp: 1642675

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.7	18.6	27.8



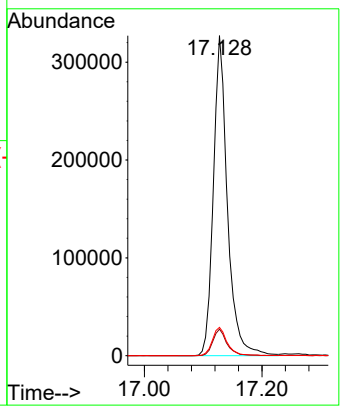


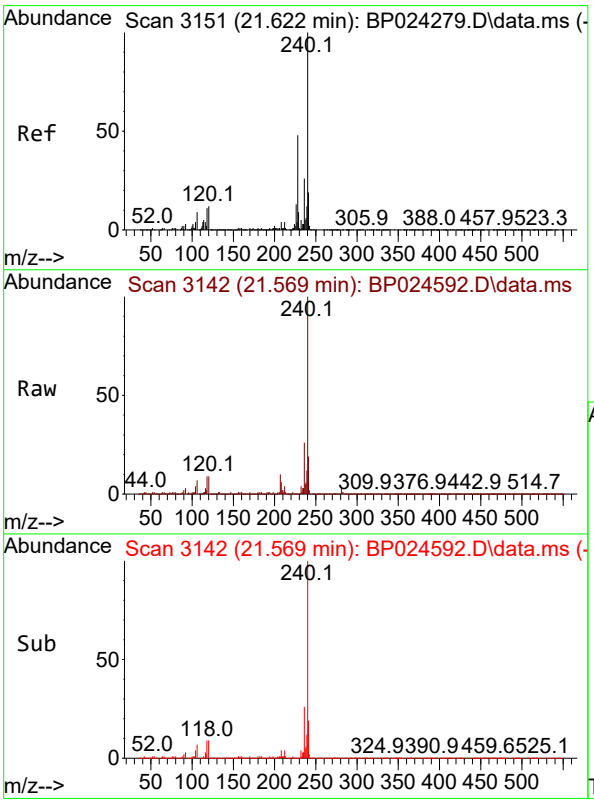
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion:188 Resp: 542499

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.6	13.0#
80	8.8	9.8	14.6#

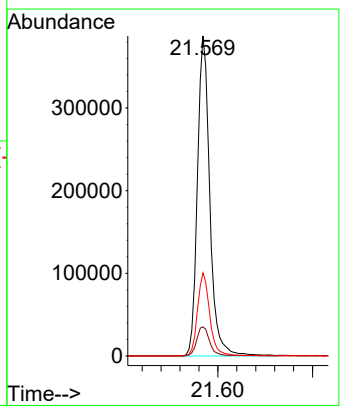


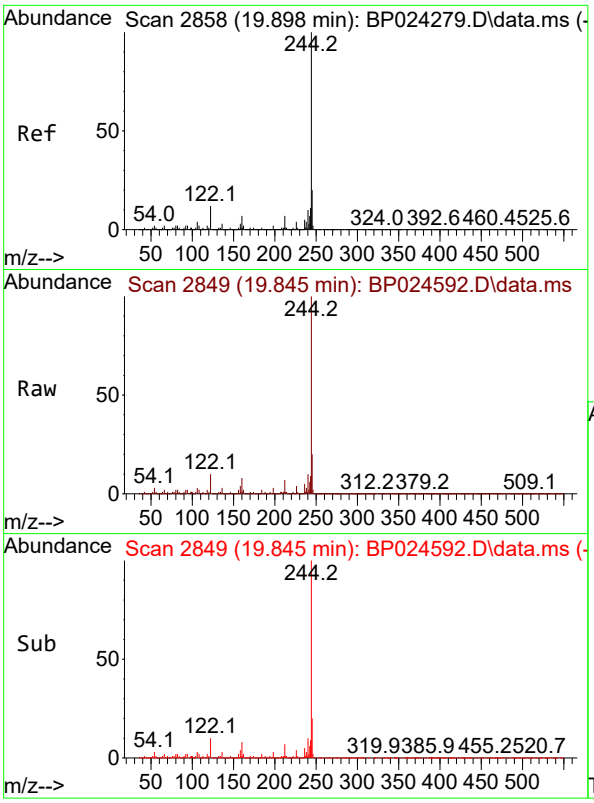


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Tgt Ion:240 Resp: 704694

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.8	14.8#
236	26.0	20.9	31.3



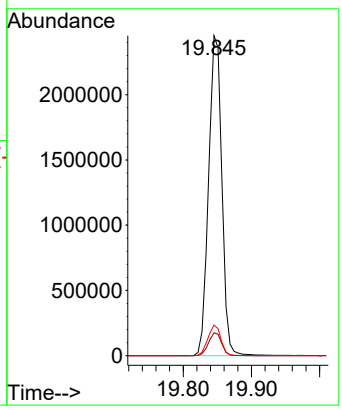


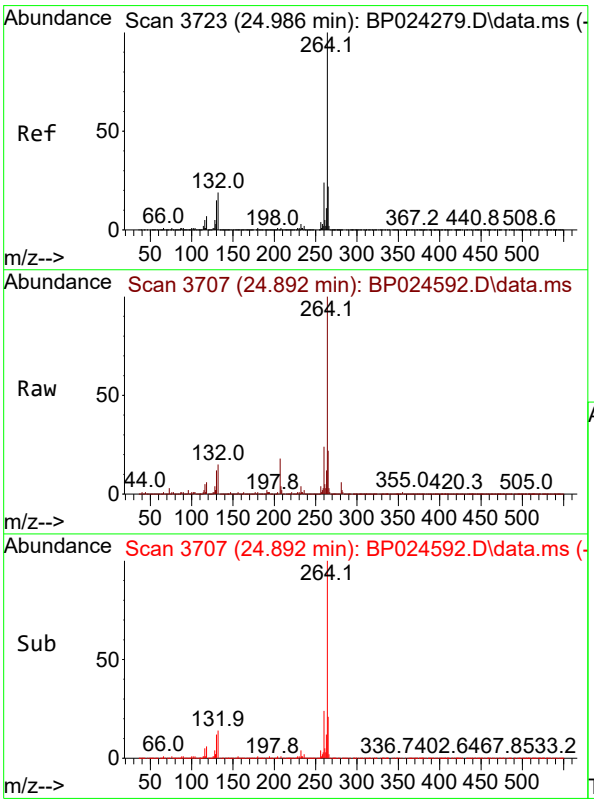
#79
Terphenyl-d14
Concen: 94.744 ng
RT: 19.845 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
MH-M

Tgt Ion:244 Resp: 3312385

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	9.6	9.4	14.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.892 min Scan# 3707
Delta R.T. 0.006 min
Lab File: BP024592.D
Acq: 09 May 2025 15:46

Tgt Ion:264 Resp: 803227

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	21.7	17.8	26.6