Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024548.D
Acq On : 06 May 2025 15:46
Operator : RC/JU
Sample : Q1937-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Quant Time: May 06 16:58:41 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	167576	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	684500	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	426463	20.000	ng	-0.02
64) Phenanthrene-d10	17.133	188	845765	20.000	ng	-0.01
76) Chrysene-d12	21.569	240	995531	20.000	ng	-0.02
86) Perylene-d12	24.910	264	1155366	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	831891	82.082	ng	-0.01
7) Phenol-d6	6.899	99	1066593	76.858	ng	-0.01
23) Nitrobenzene-d5	8.852	82	654974	54.562	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	577164	97.819	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1523267	54.689	ng	-0.01
79) Terphenyl-d14	19.857	244	2766375	56.010	ng	-0.02
Target Compounds						Qvalue

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

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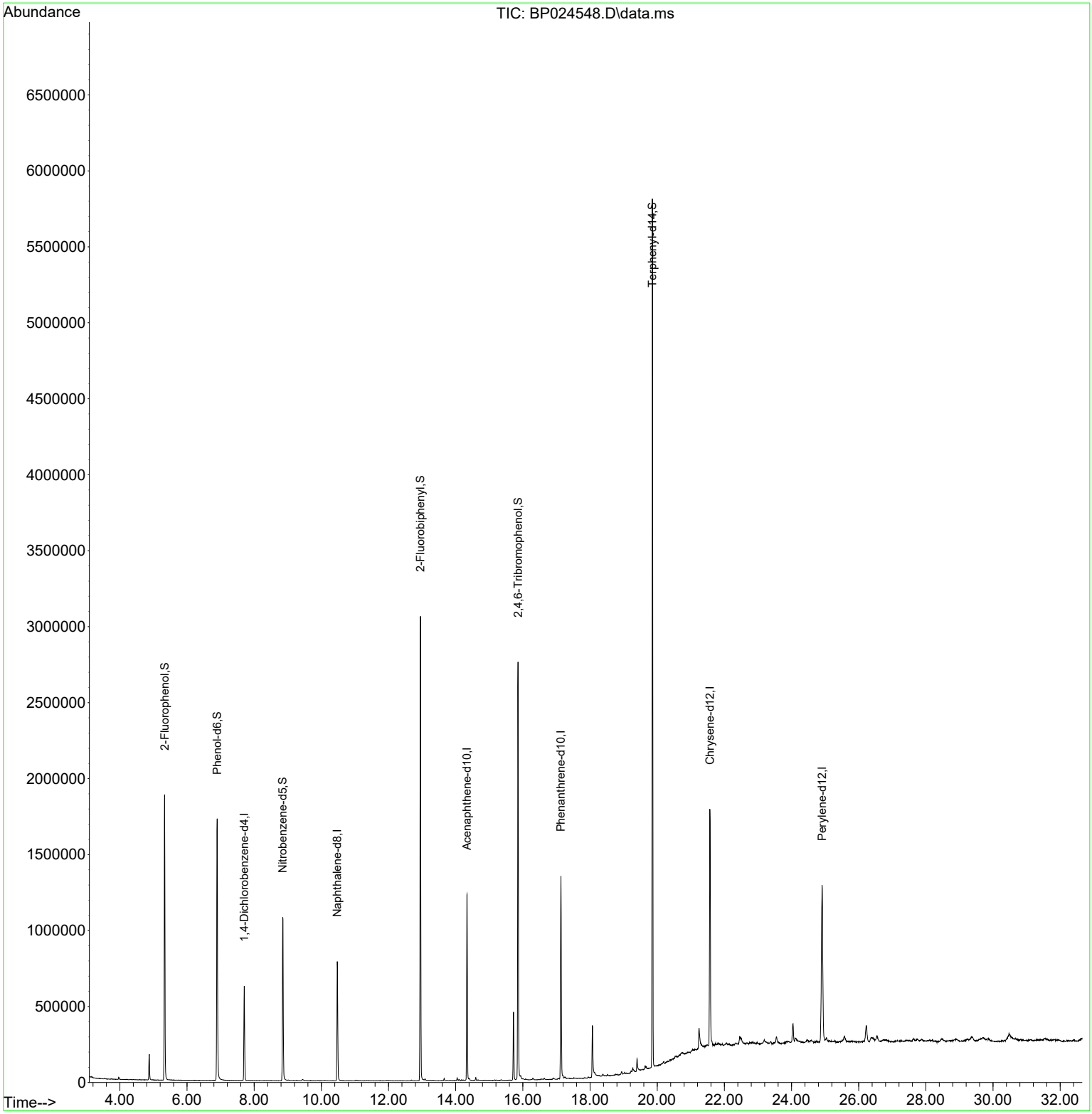
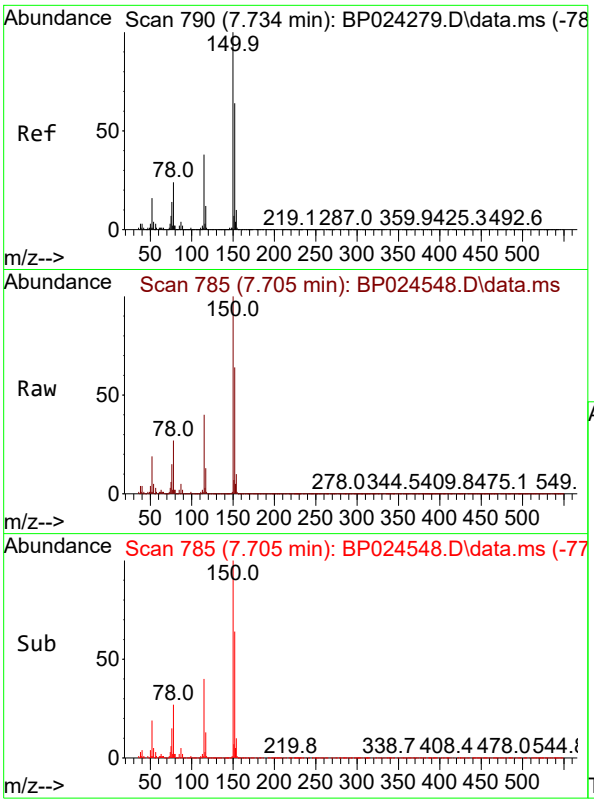


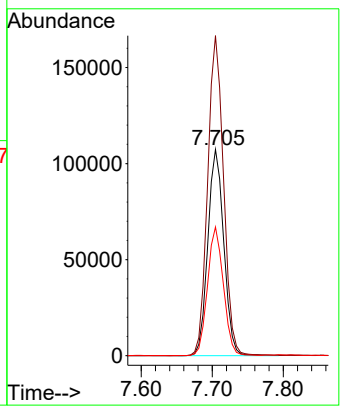


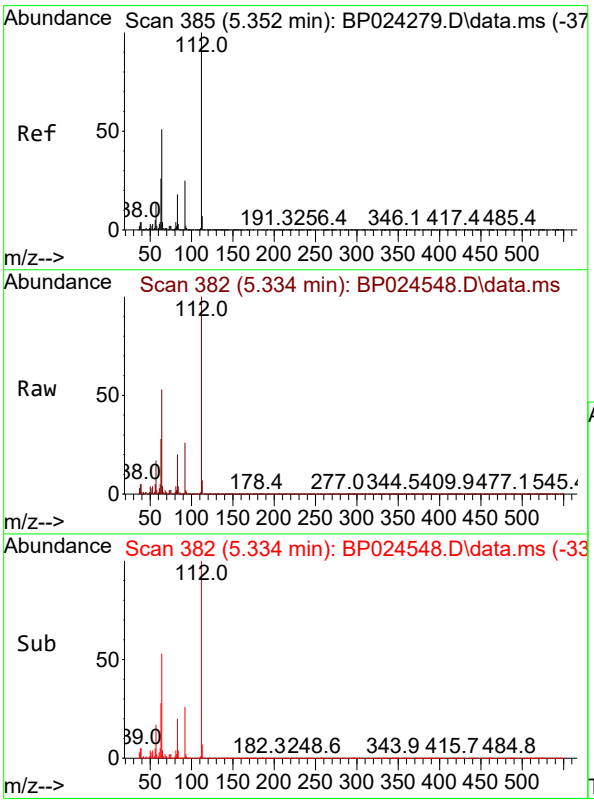
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Tgt Ion:152 Resp: 167576

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.9	187.3
115	62.4	47.7	71.5

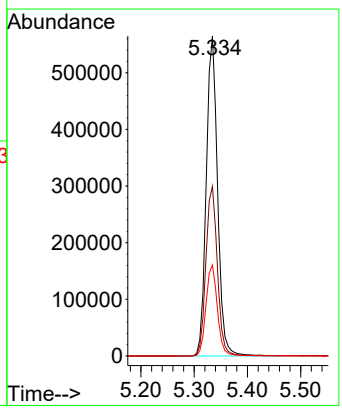


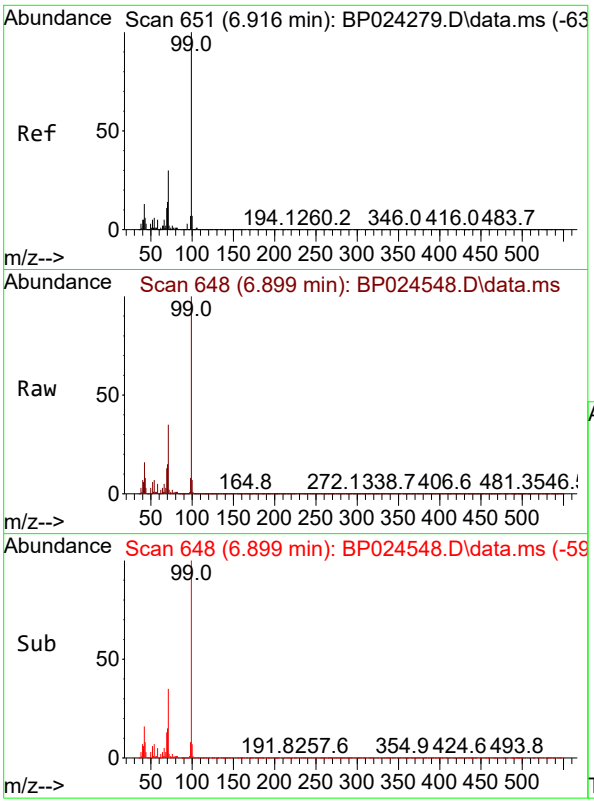


#5
2-Fluorophenol
Concen: 82.082 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:112 Resp: 831891

Ion	Ratio	Lower	Upper
112	100		
64	53.0	41.1	61.7
63	28.5	20.6	30.8



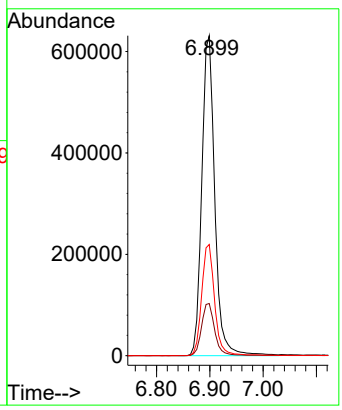


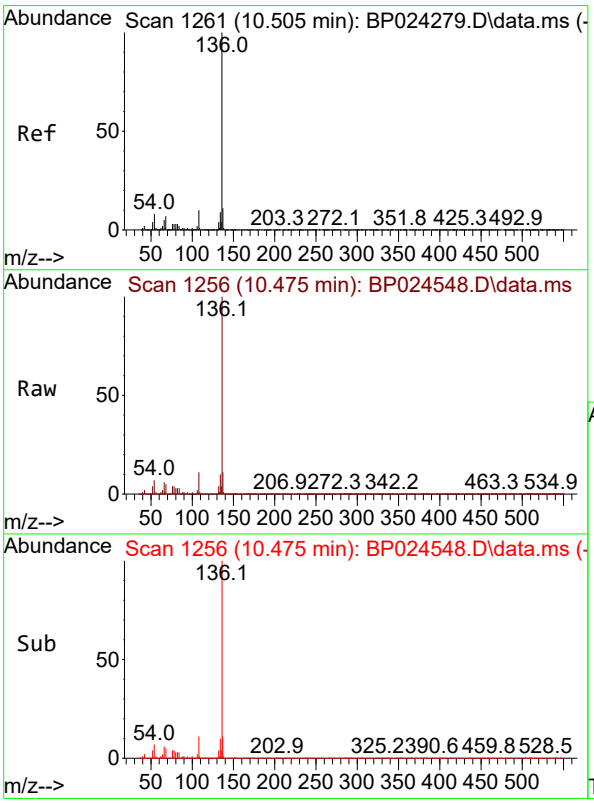
#7
Phenol-d6
Concen: 76.858 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Tgt Ion: 99 Resp: 1066593

Ion	Ratio	Lower	Upper
99	100		
42	16.3	10.6	16.0#
71	34.8	23.7	35.5

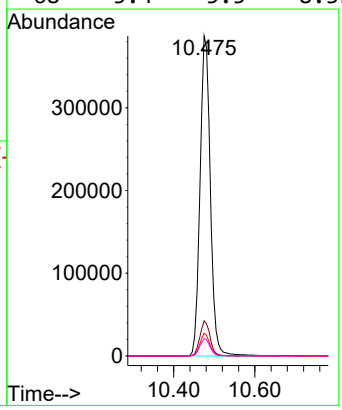


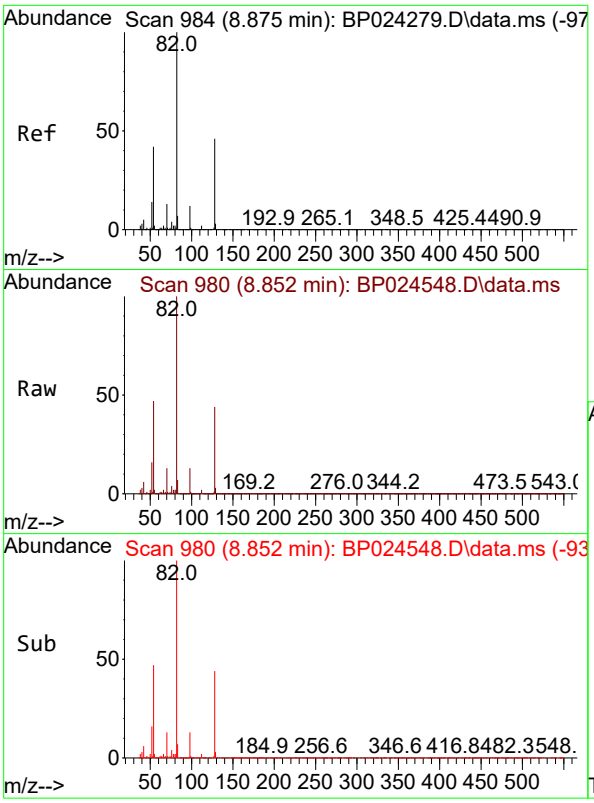


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:136 Resp: 684500

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.1	6.0	9.0
68	5.4	5.5	8.3#



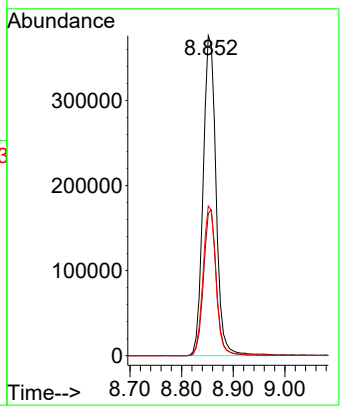


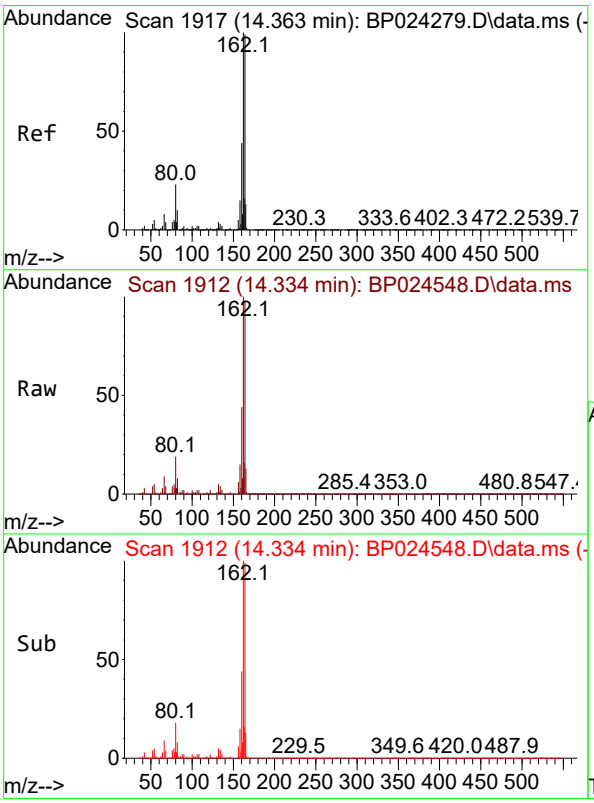
#23
Nitrobenzene-d5
Concen: 54.562 ng
RT: 8.852 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Tgt Ion: 82 Resp: 654974

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.5	54.7
54	46.8	33.4	50.2

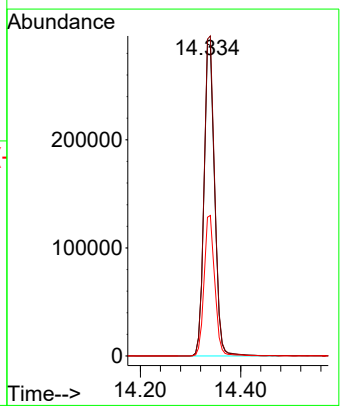


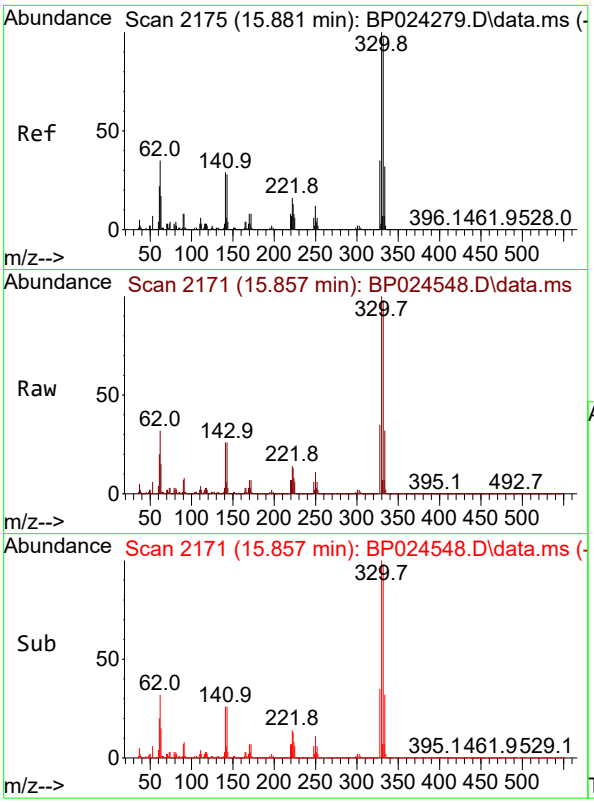


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:164 Resp: 426463

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	44.5	35.3	52.9



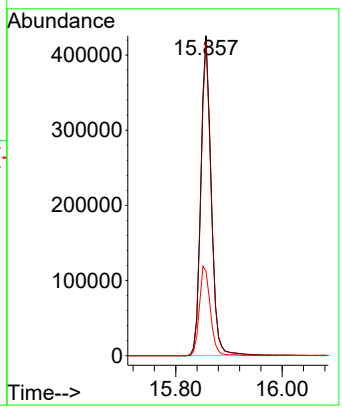


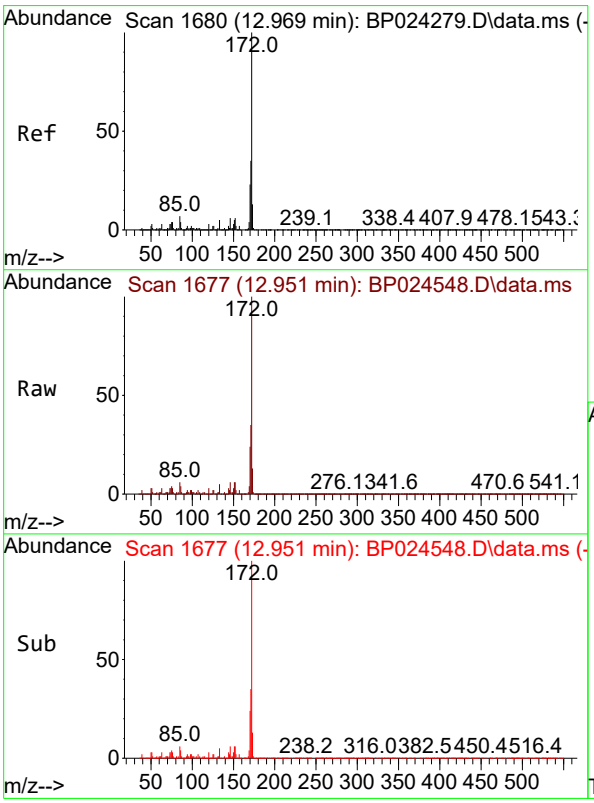
#42
2,4,6-Tribromophenol
Concen: 97.819 ng
RT: 15.857 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Tgt Ion:330 Resp: 577164

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	29.6	24.7	37.1

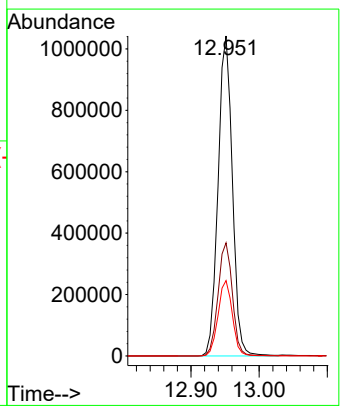


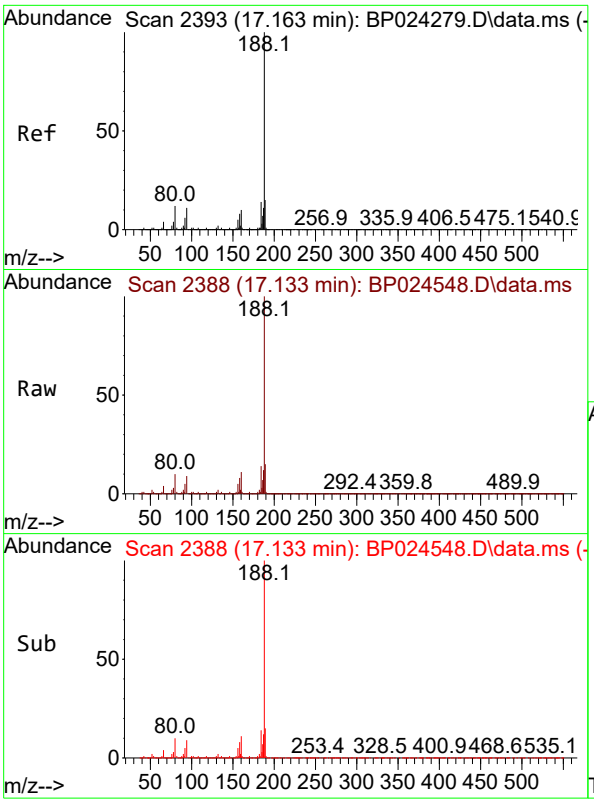


#45
2-Fluorobiphenyl
Concen: 54.689 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:172 Resp: 1523267

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.5	18.6	27.8



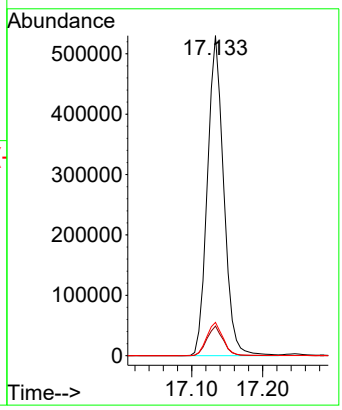


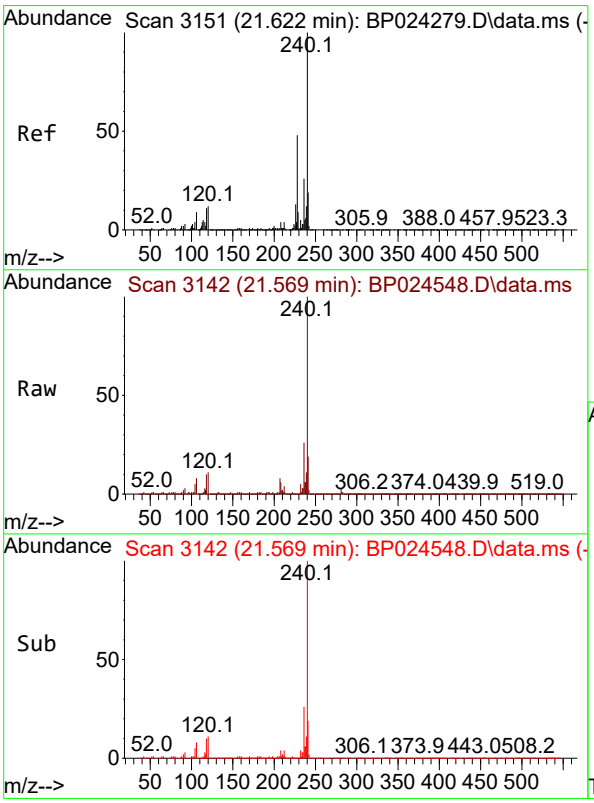
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Tgt Ion:188 Resp: 845765

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.6	13.0
80	10.4	9.8	14.6

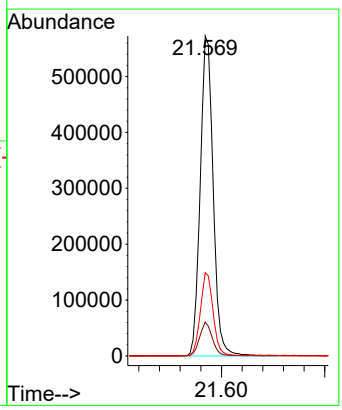


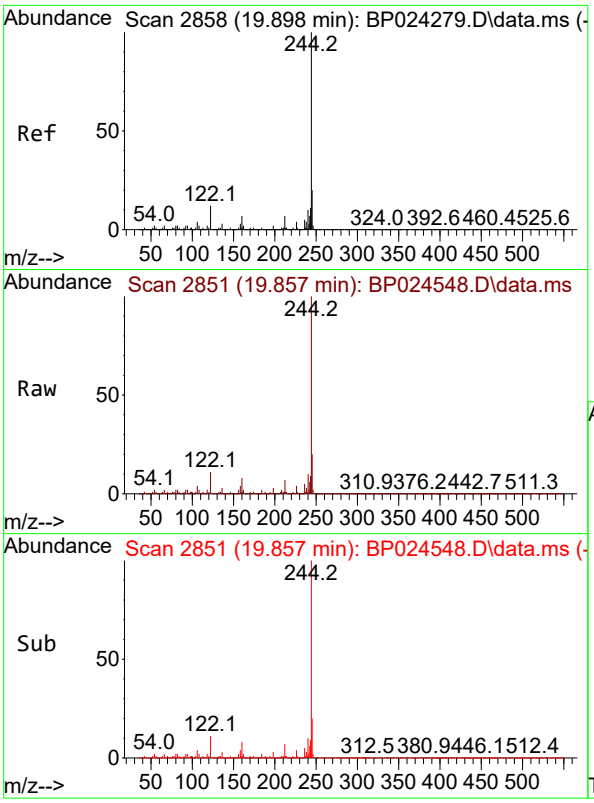


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3142
Delta R.T. -0.023 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:240 Resp: 995531

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.8	14.8
236	26.1	20.9	31.3



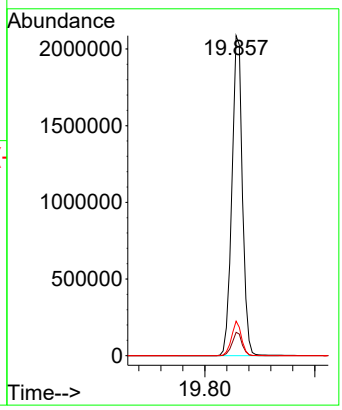


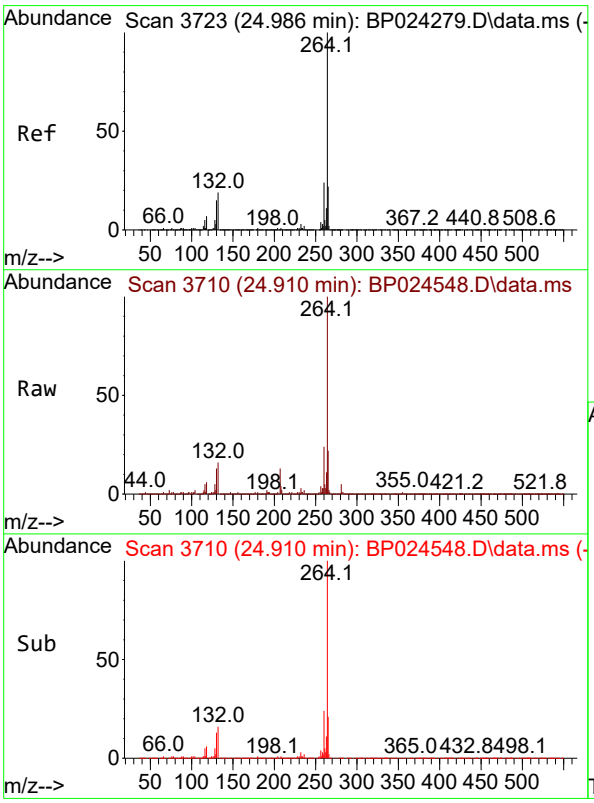
#79
Terphenyl-d14
Concen: 56.010 ng
RT: 19.857 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Instrument :
BNA_P
ClientSampleId :
LARGE-PILE-D

Tgt Ion:244 Resp: 2766375

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	10.8	9.4	14.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.910 min Scan# 3710
Delta R.T. -0.023 min
Lab File: BP024548.D
Acq: 06 May 2025 15:46

Tgt Ion:264 Resp: 1155366

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.0	17.8	26.6