Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024667.D
Acq On : 16 May 2025 21:44
Operator : RC/JU
Sample : Q2038-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11991

Quant Time: May 17 00:48:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	142139	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	534782	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	319418	20.000	ng	-0.01
64) Phenanthrene-d10	17.080	188	639241	20.000	ng	-0.02
76) Chrysene-d12	21.516	240	752411	20.000	ng	0.00
86) Perylene-d12	24.804	264	945084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1121154	134.909	ng	0.02
7) Phenol-d6	6.881	99	1381375	130.240	ng	0.03
23) Nitrobenzene-d5	8.810	82	871662	82.355	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	758186	140.014	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2014929	82.644	ng	0.00
79) Terphenyl-d14	19.810	244	3603347	82.118	ng	0.00
Target Compounds						Qvalue

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

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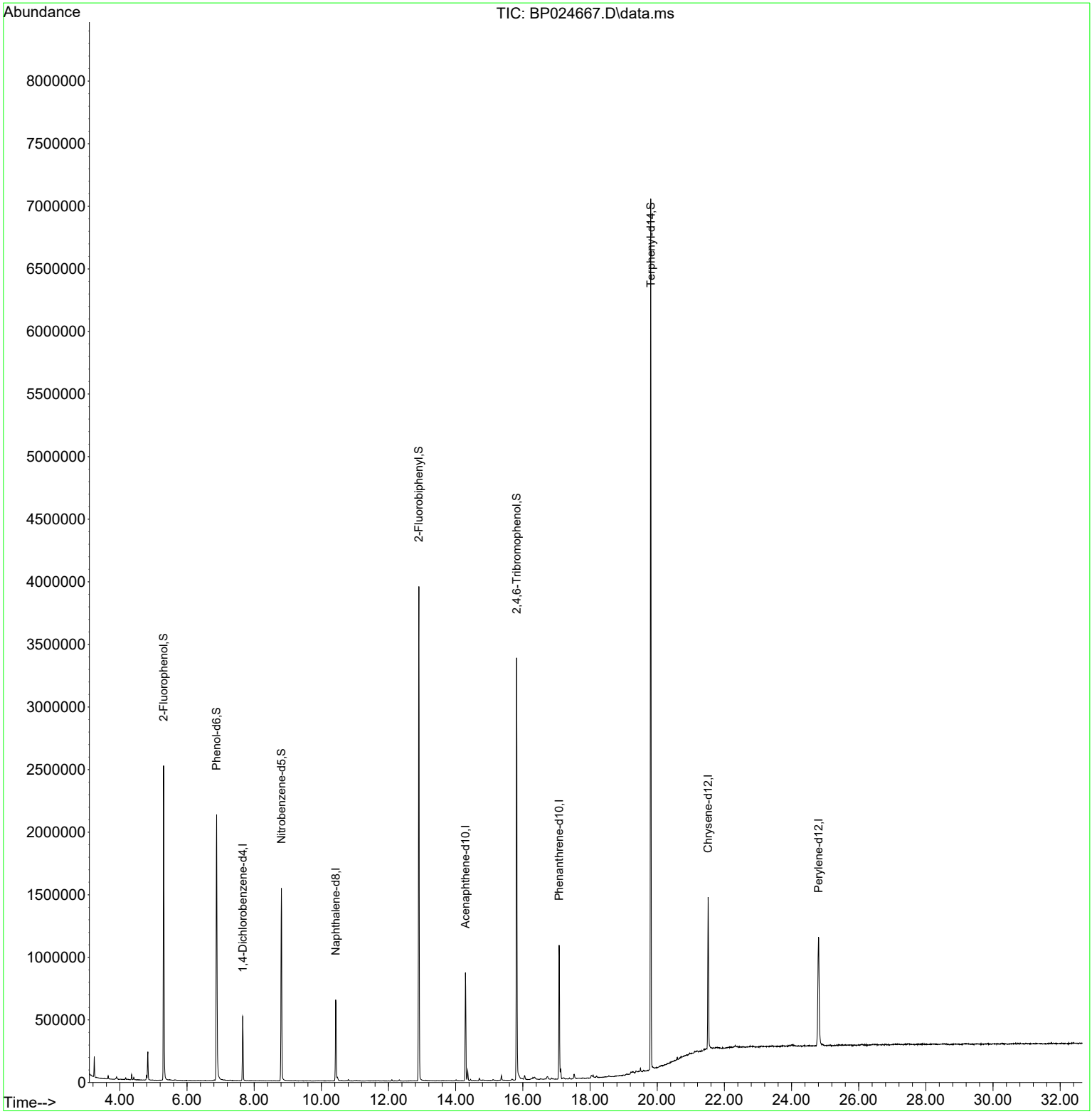
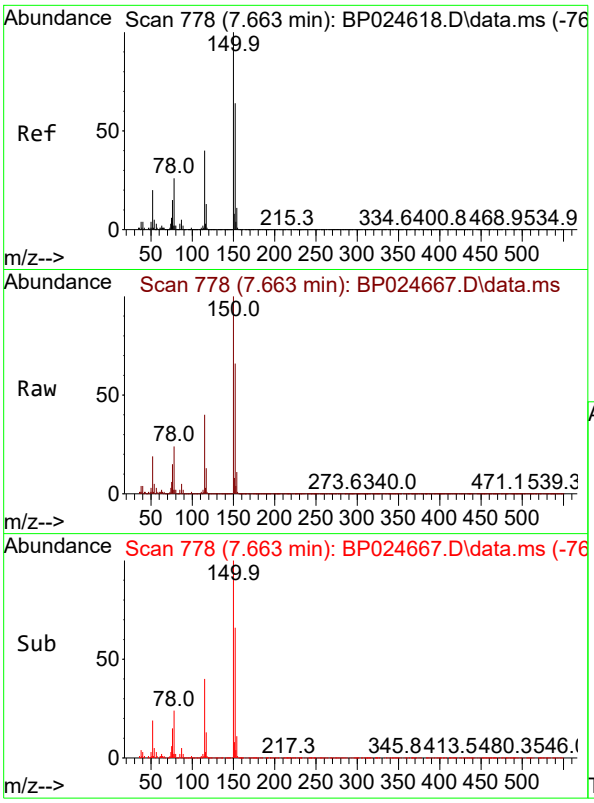


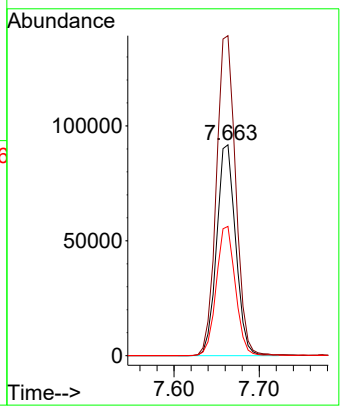


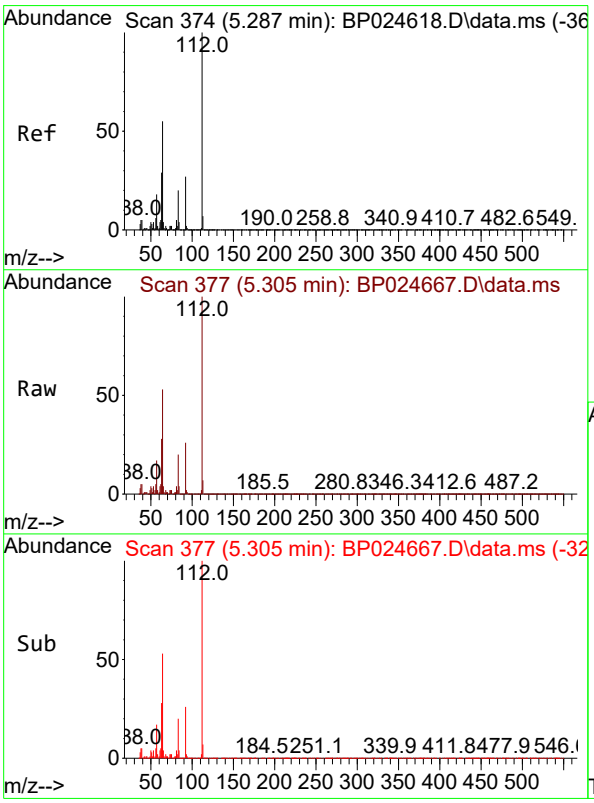
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024667.D
Acq: 16 May 2025 21:44

Instrument :
BNA_P
ClientSampleId :
72-11991

Tgt Ion:152 Resp: 142139

Ion	Ratio	Lower	Upper
152	100		
150	151.8	125.9	188.9
115	61.3	50.1	75.1

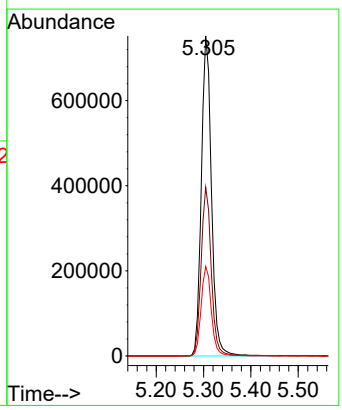


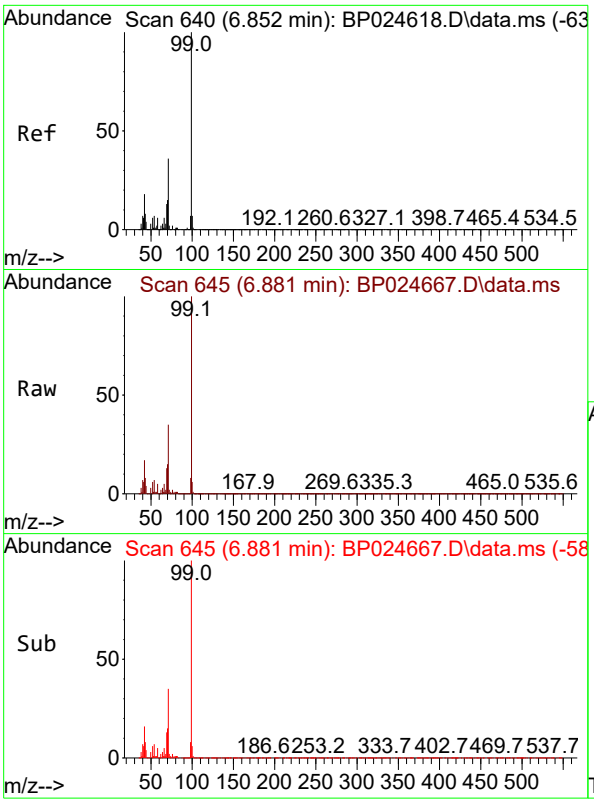


#5
2-Fluorophenol
Concen: 134.909 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.018 min
Lab File: BP024667.D
Acq: 16 May 2025 21:44

Tgt Ion:112 Resp: 1121154

Ion	Ratio	Lower	Upper
112	100		
64	52.7	44.1	66.1
63	28.0	23.5	35.3



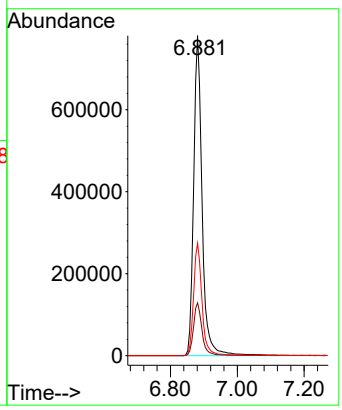


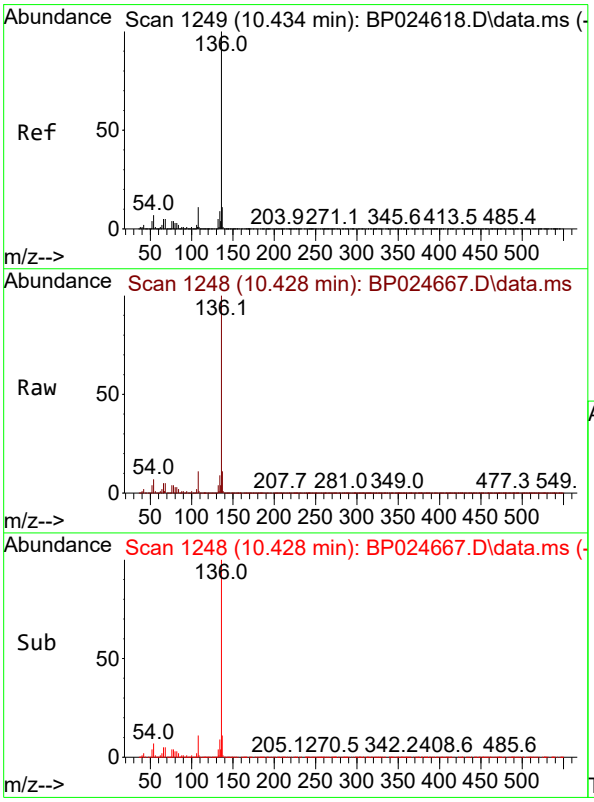
#7
Phenol-d6
Concen: 130.240 ng
RT: 6.881 min Scan# 64
Delta R.T. 0.029 min
Lab File: BP024667.D
Acq: 16 May 2025 21:44

Instrument :
BNA_P
ClientSampleId :
72-11991

Tgt Ion: 99 Resp: 1381375

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.4	21.6
71	35.2	29.2	43.8

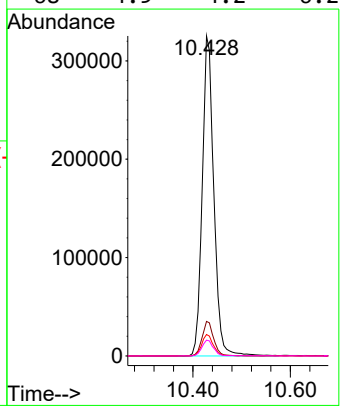


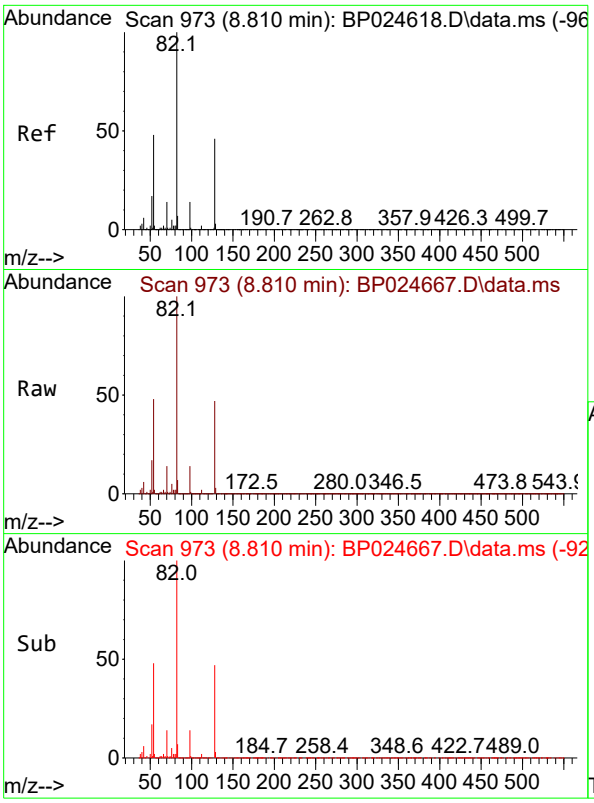


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024667.D
Acq: 16 May 2025 21:44

Tgt Ion:136 Resp: 534782

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.7	5.5	8.3
68	4.9	4.2	6.2



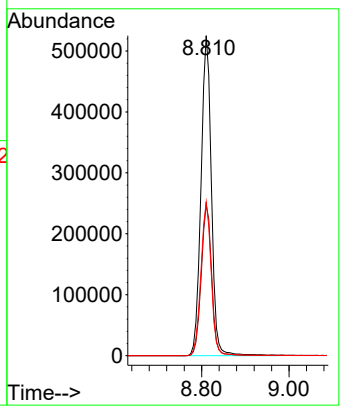


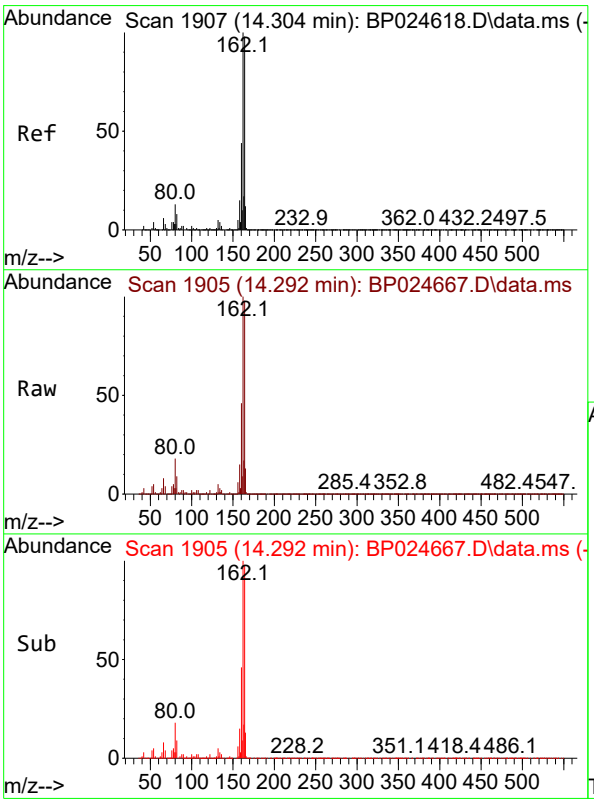
#23
Nitrobenzene-d5
Concen: 82.355 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024667.D
Acq: 16 May 2025 21:44

Instrument :
BNA_P
ClientSampleId :
72-11991

Tgt Ion: 82 Resp: 871662

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.0	55.4
54	48.1	38.7	58.1

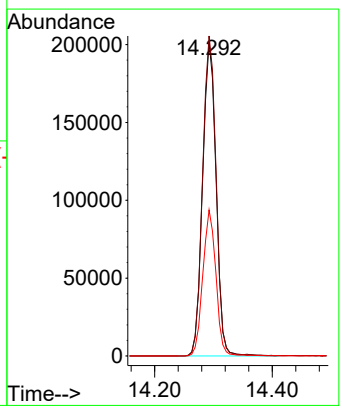


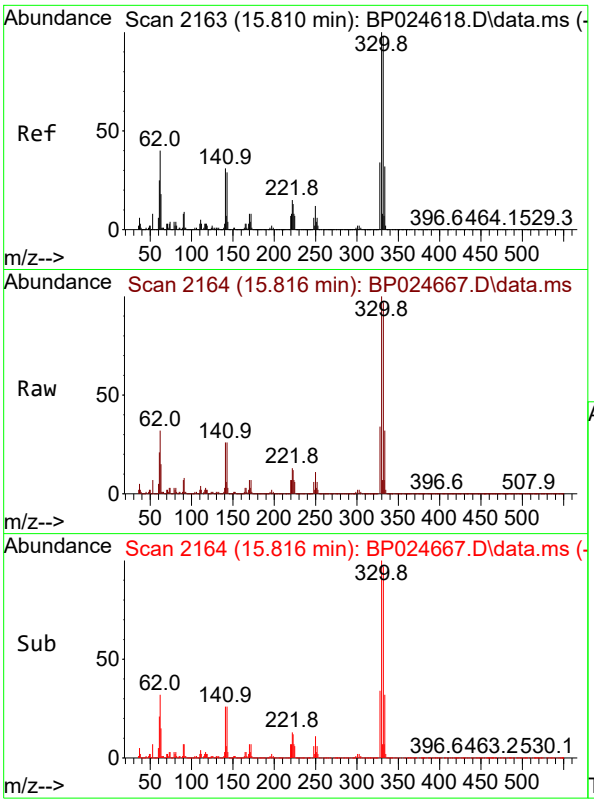


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024667.D
Acq: 16 May 2025 21:44

Tgt Ion:164 Resp: 319418

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.8	122.6
160	46.5	36.3	54.5



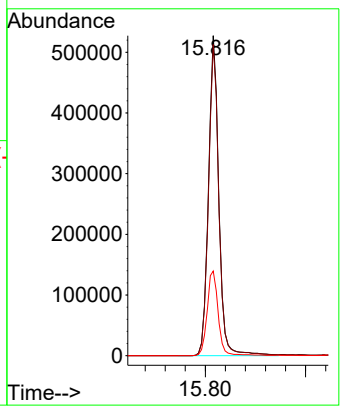


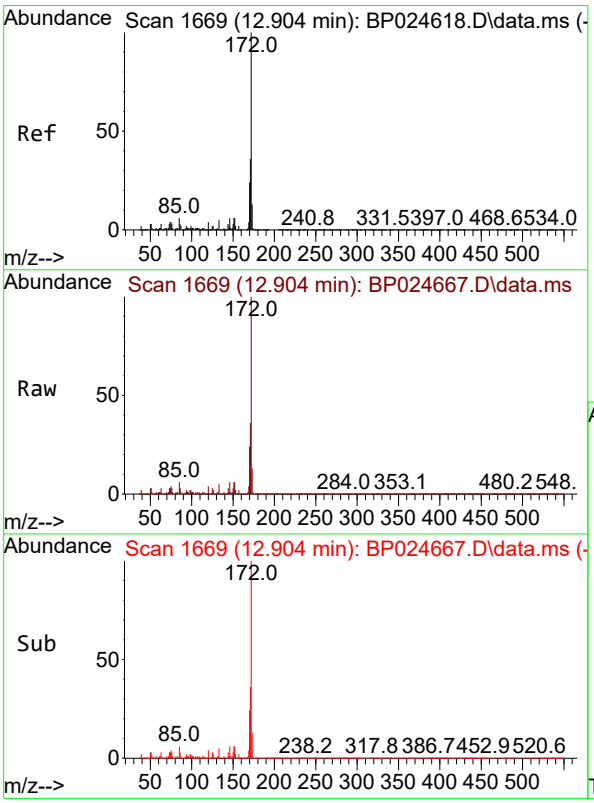
#42
2,4,6-Tribromophenol
Concen: 140.014 ng
RT: 15.816 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024667.D
Acq: 16 May 2025 21:44

Instrument :
BNA_P
ClientSampleId :
72-11991

Tgt Ion:330 Resp: 758186

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.4
141	28.2	24.3	36.5

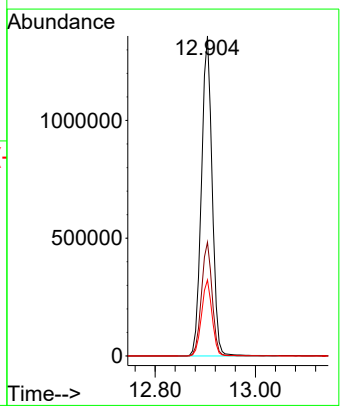


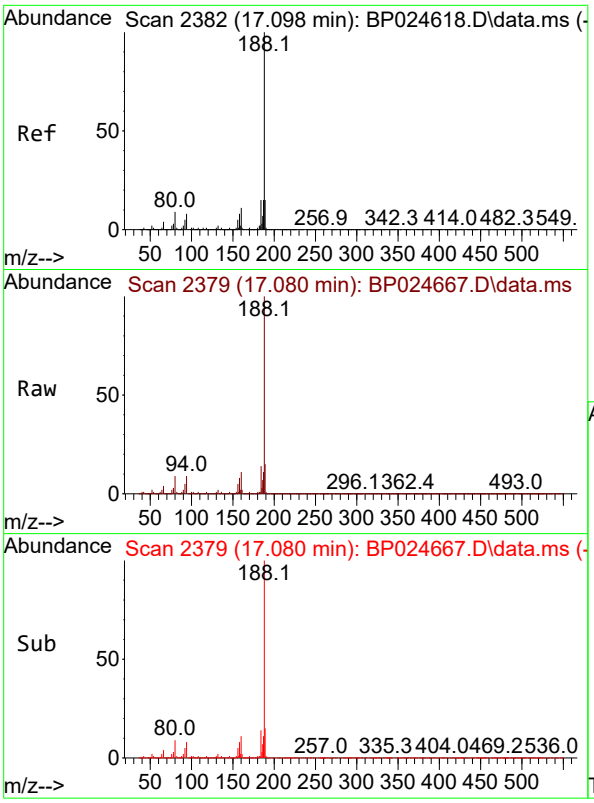


#45
2-Fluorobiphenyl
Concen: 82.644 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP024667.D
Acq: 16 May 2025 21:44

Tgt Ion:172 Resp: 2014929

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.7	18.8	28.2



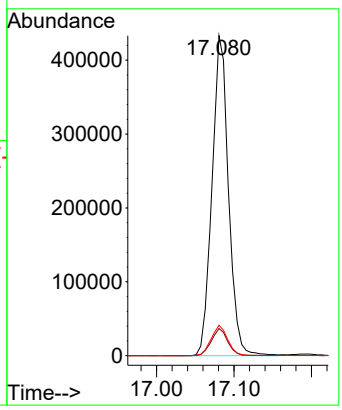


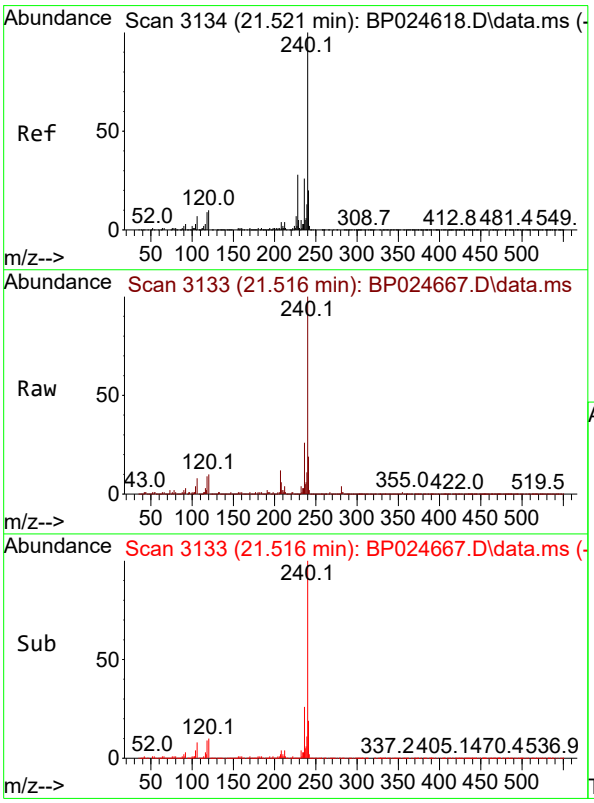
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024667.D
Acq: 16 May 2025 21:44

Instrument :
BNA_P
ClientSampleId :
72-11991

Tgt Ion:188 Resp: 639241

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.5	9.7
80	9.5	7.3	10.9

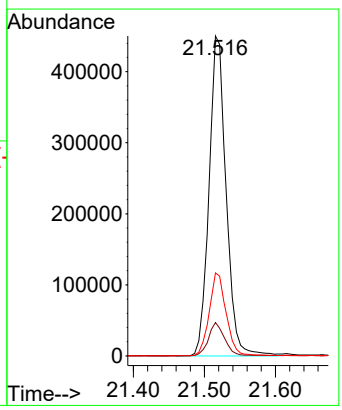


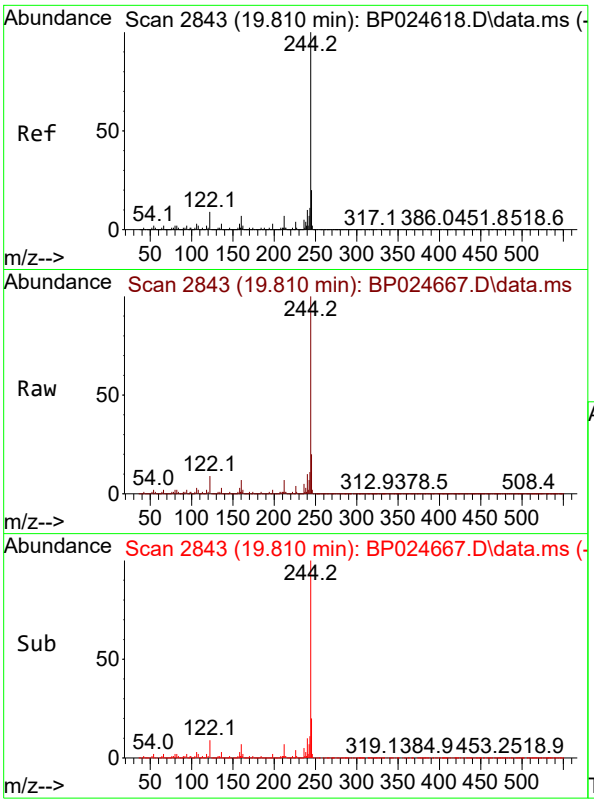


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024667.D
Acq: 16 May 2025 21:44

Tgt Ion:240 Resp: 752411

Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.8	11.6
236	26.0	20.6	31.0



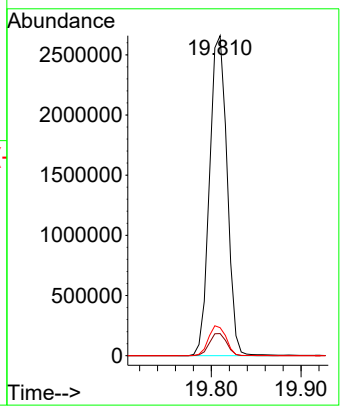


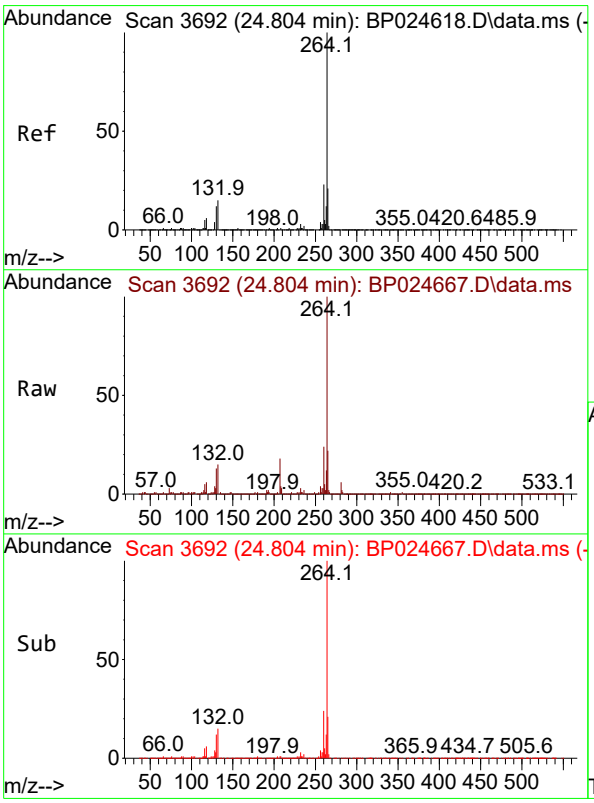
#79
Terphenyl-d14
Concen: 82.118 ng
RT: 19.810 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024667.D
Acq: 16 May 2025 21:44

Instrument :
BNA_P
ClientSampleId :
72-11991

Tgt Ion:244 Resp: 3603347

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	8.8	7.4	11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.804 min Scan# 3692
Delta R.T. -0.000 min
Lab File: BP024667.D
Acq: 16 May 2025 21:44

Tgt Ion:264 Resp: 945084

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.2	17.0	25.6