Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024831.D
Acq On : 29 May 2025 16:26
Operator : RC/JU
Sample : Q2136-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 29 16:50:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 28 14:16:13 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	117009	20.000	ng	-0.01
21) Naphthalene-d8	10.404	136	447988	20.000	ng	0.00
39) Acenaphthene-d10	14.275	164	299147	20.000	ng	0.00
64) Phenanthrene-d10	17.081	188	623764	20.000	ng	0.02
76) Chrysene-d12	21.516	240	762573	20.000	ng	0.02
86) Perylene-d12	24.780	264	917779	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	893504	130.607	ng	-0.01
7) Phenol-d6	6.840	99	1110981	127.243	ng	0.00
23) Nitrobenzene-d5	8.787	82	661763	74.637	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	796452	157.048	ng	0.02
45) 2-Fluorobiphenyl	12.887	172	1615034	70.731	ng	0.00
79) Terphenyl-d14	19.804	244	3154691	70.935	ng	0.02
Target Compounds						Qvalue
60) Diethylphthalate	15.110	149	236933m	10.281	ng	
74) Di-n-butylphthalate	18.098	149	89776	2.211	ng	99

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

Quantitation Report (LSC Reviewed)

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Data File : BP024831.D
Acq On : 29 May 2025 16:26
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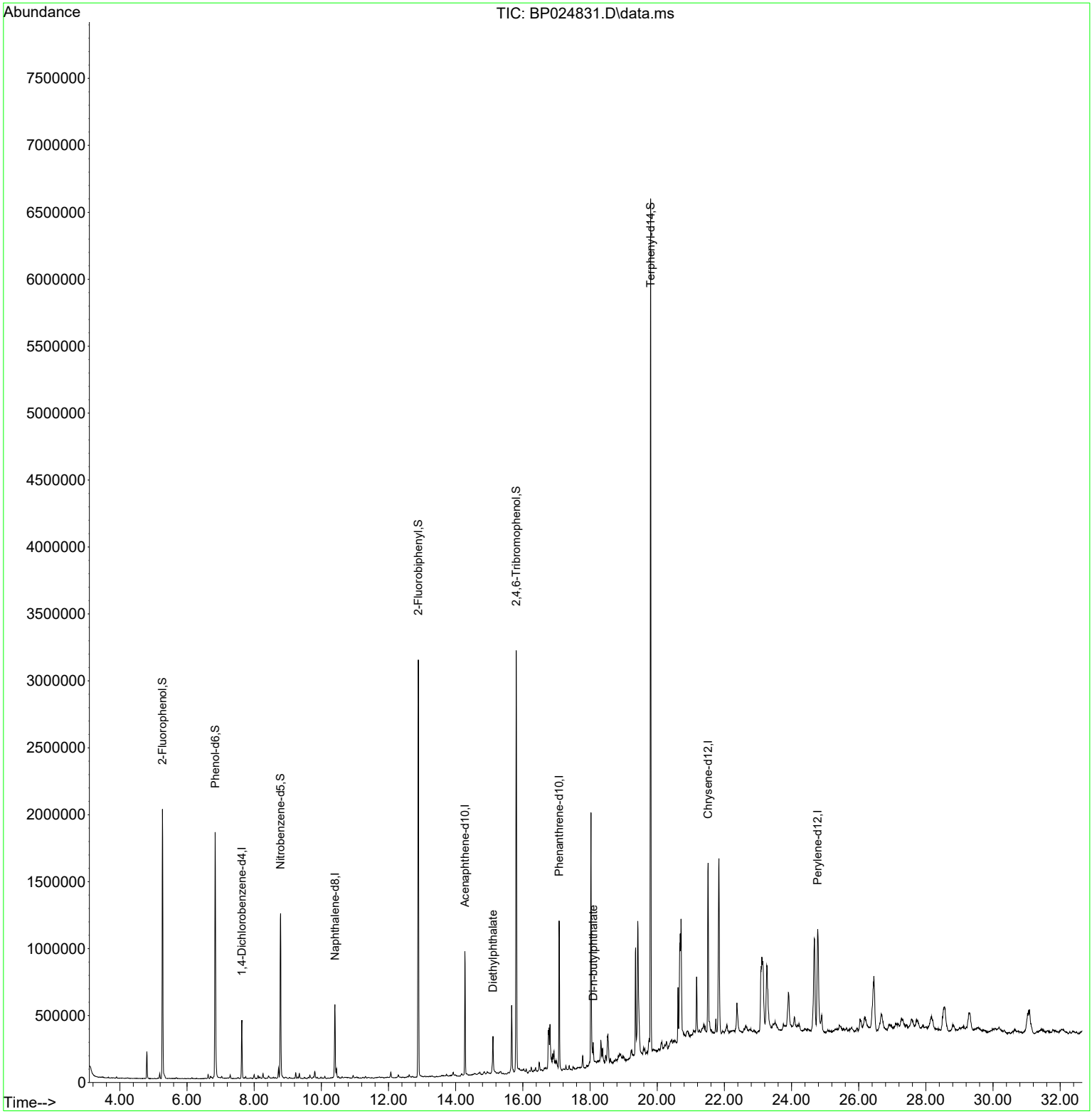
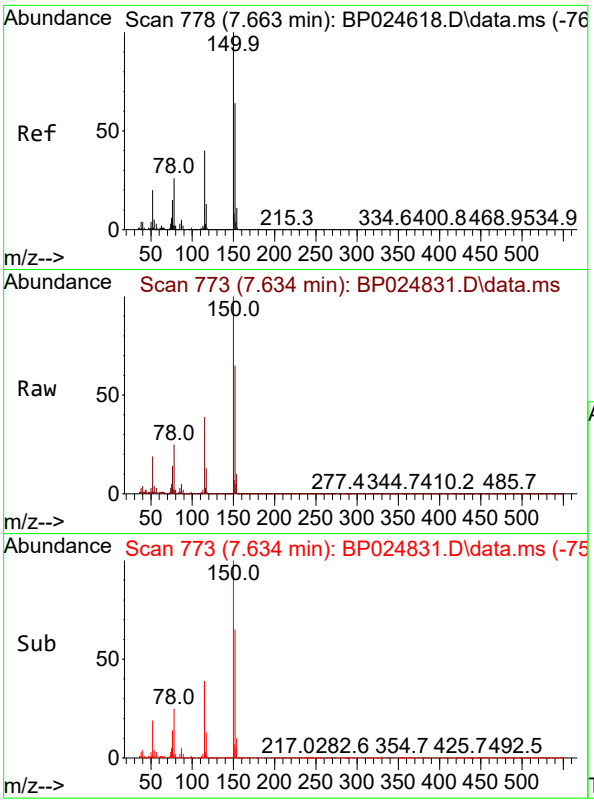
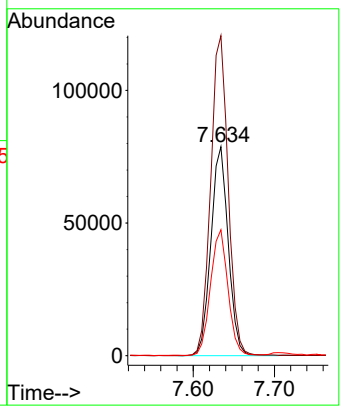




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.634 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion:152 Resp: 11700

Ion	Ratio	Lower	Upper
152	100		
150	153.1	125.9	188.9
115	60.3	50.1	75.1



Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52

Manual Integrations
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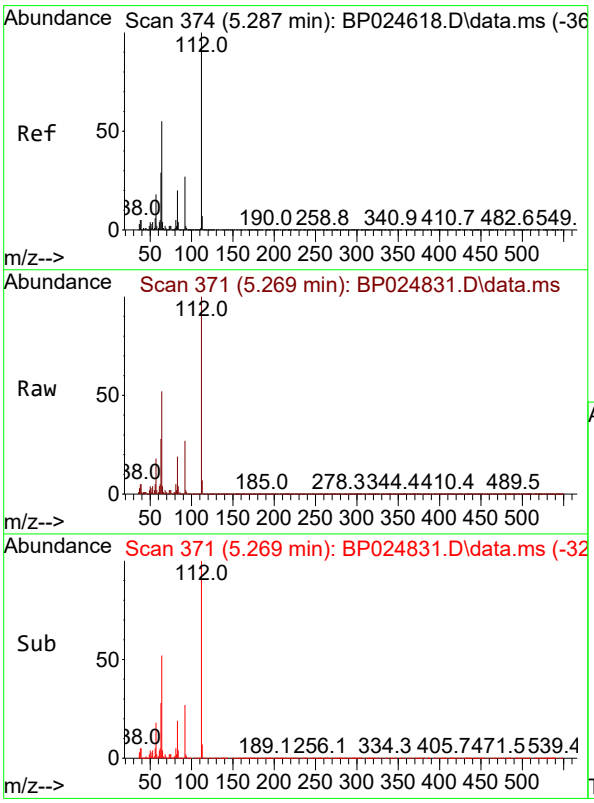
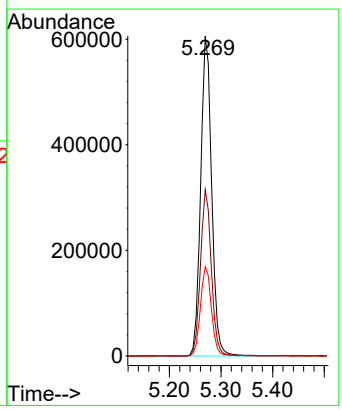
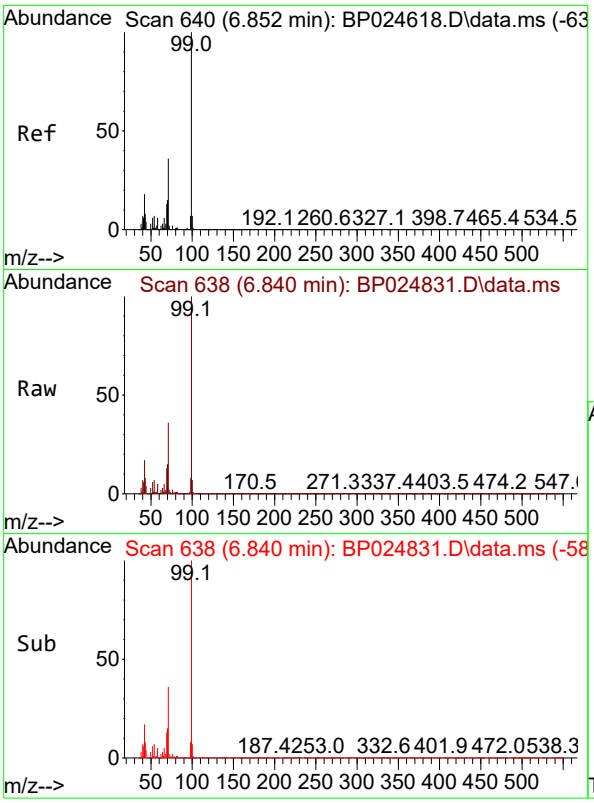


#5
2-Fluorophenol
Concen: 130.607 ng
RT: 5.269 min Scan# 371
Delta R.T. -0.012 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion:112 Resp: 893504

Ion	Ratio	Lower	Upper
112	100		
64	51.9	44.1	66.1
63	27.9	23.5	35.3

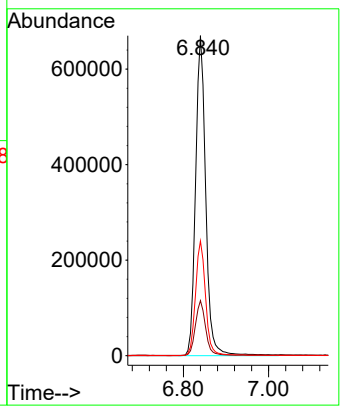




#7
Phenol-d6
Concen: 127.243 ng
RT: 6.840 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion: 99 Resp: 111098

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.4	21.6
71	35.8	29.2	43.8



Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52

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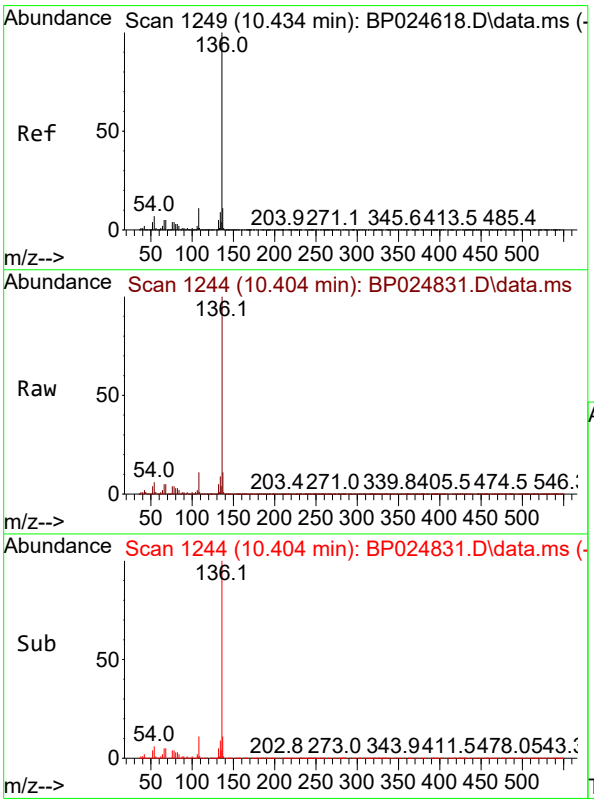
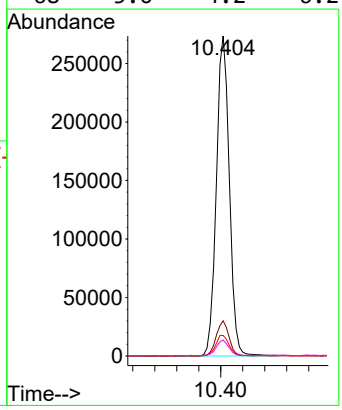
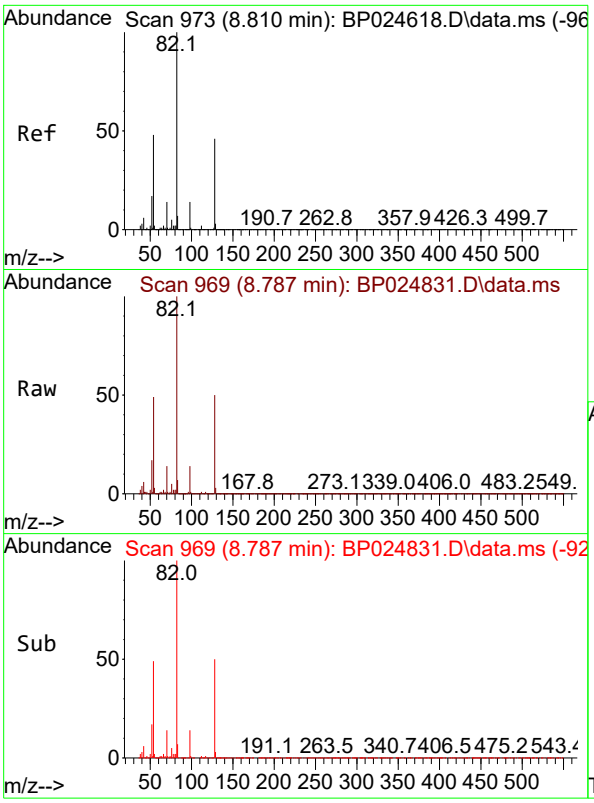


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion:136 Resp: 447988

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.4	5.5	8.3
68	5.0	4.2	6.2

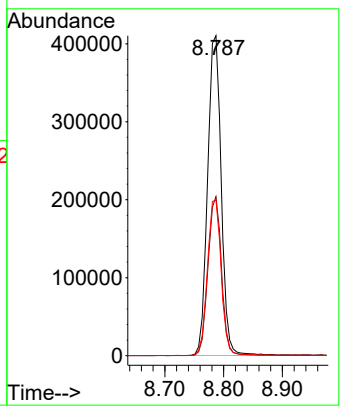




#23
Nitrobenzene-d5
Concen: 74.637 ng
RT: 8.787 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion: 82 Resp: 66176

Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.0	55.4
54	48.7	38.7	58.1



Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52

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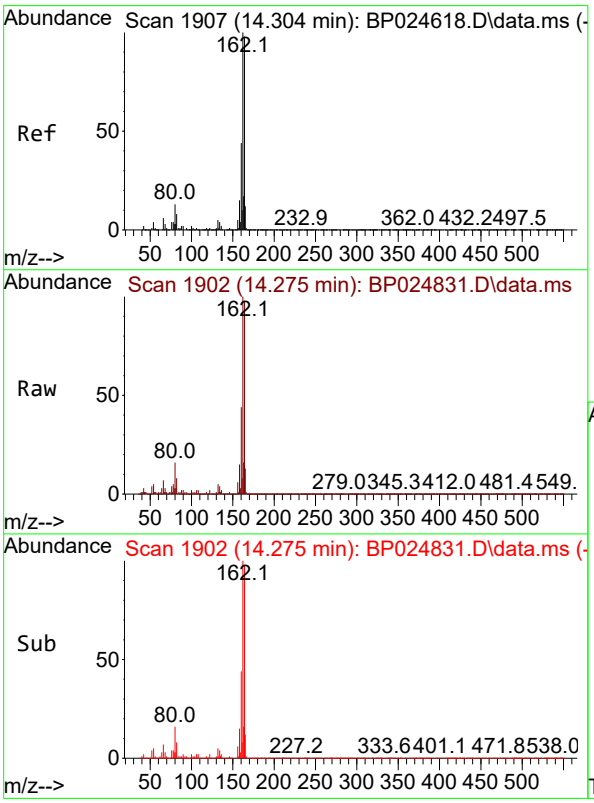
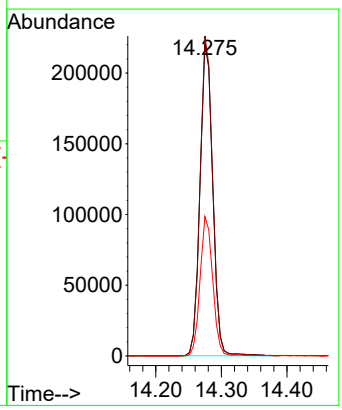
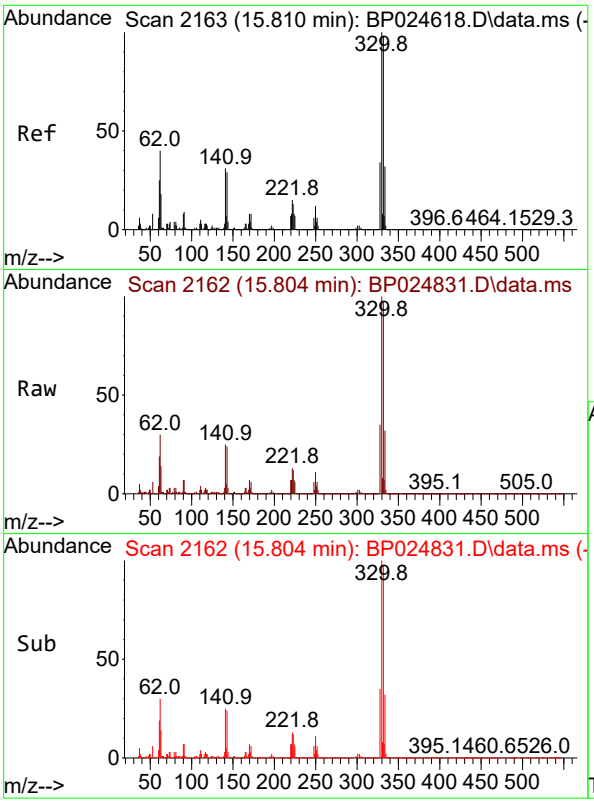


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.275 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion:164 Resp: 299147

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.8	122.6
160	44.6	36.3	54.5

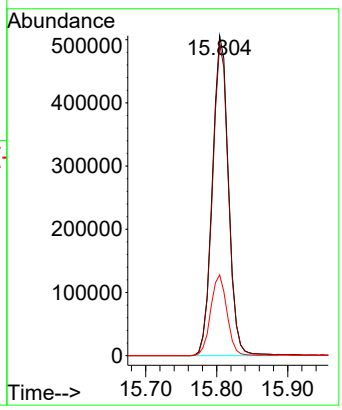




#42
2,4,6-Tribromophenol
Concen: 157.048 ng
RT: 15.804 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion:330 Resp: 79645

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.4
141	25.5	24.3	36.5



Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52

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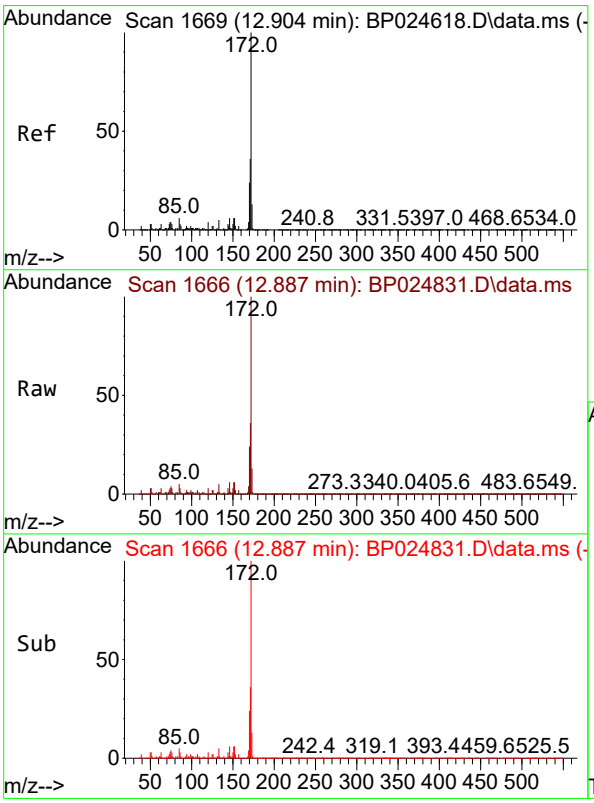
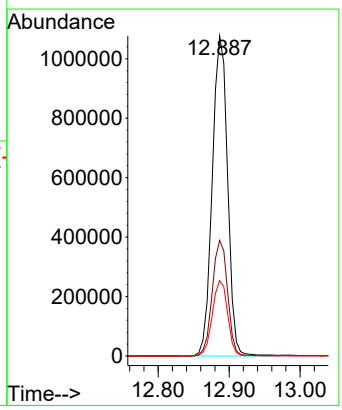
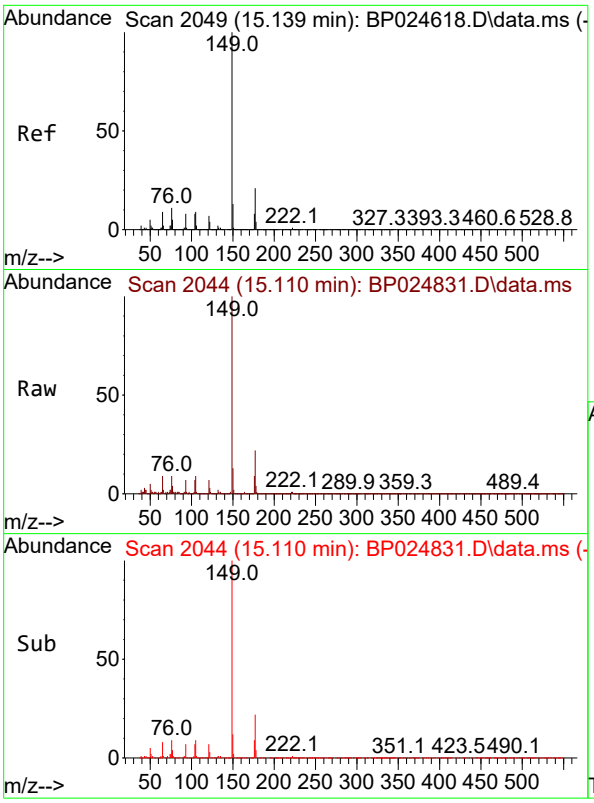


#45
2-Fluorobiphenyl
Concen: 70.731 ng
RT: 12.887 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion:172 Resp: 1615034

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.6	18.8	28.2

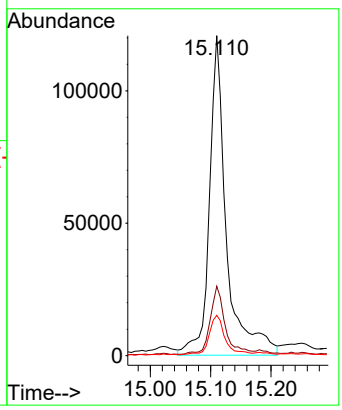




#60
Diethylphthalate
Concen: 10.281 ng m
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion:149 Resp: 23693

Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.7	25.1
150	12.6	10.2	15.2



Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52

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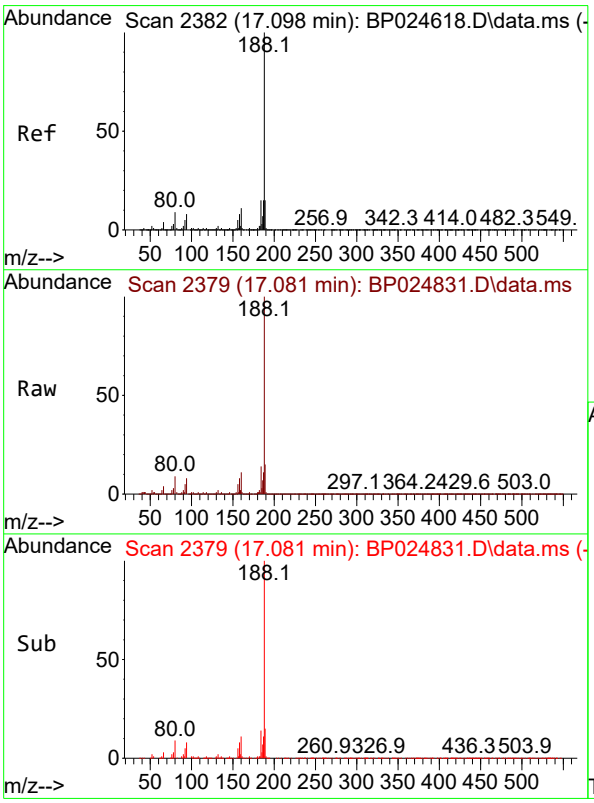
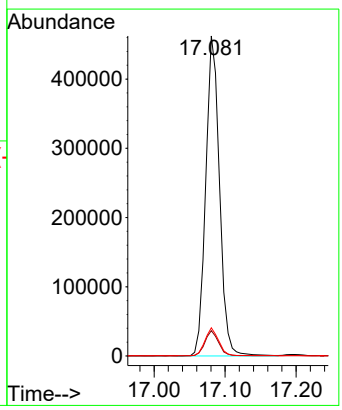
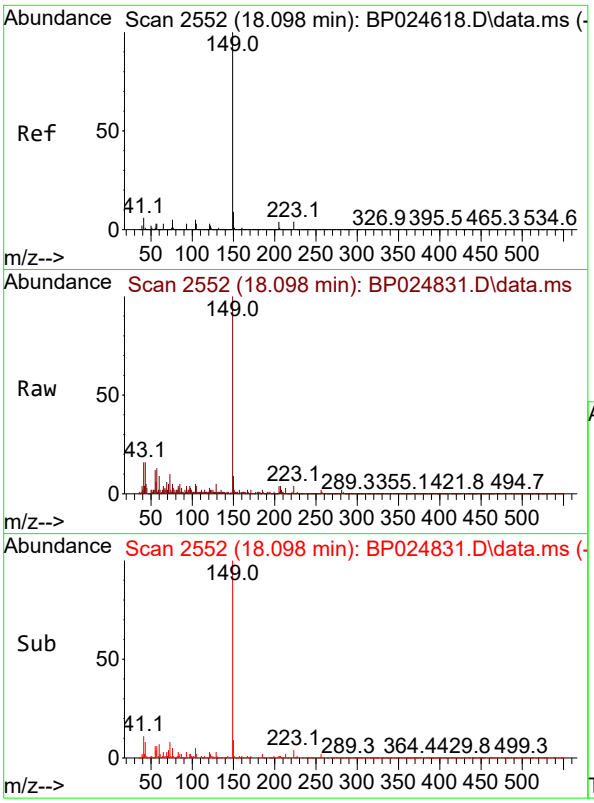


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. 0.018 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion:188 Resp: 623764

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.5	9.7
80	8.8	7.3	10.9





#74
Di-n-butylphthalate
Concen: 2.211 ng
RT: 18.098 min Scan# 2
Delta R.T. 0.035 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52

Tgt Ion:149 Resp: 8977

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.2	4.3	6.5

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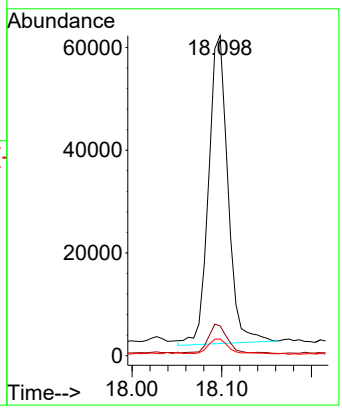
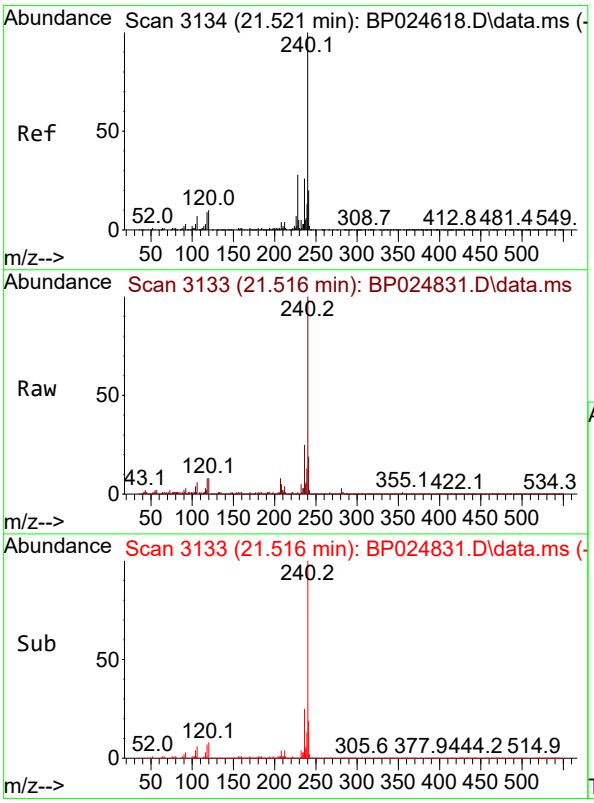
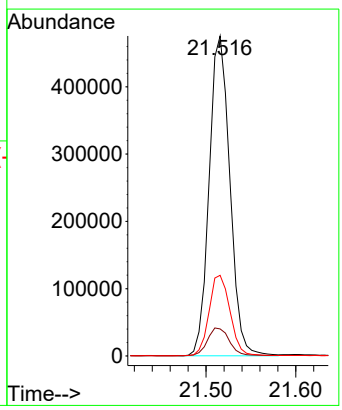


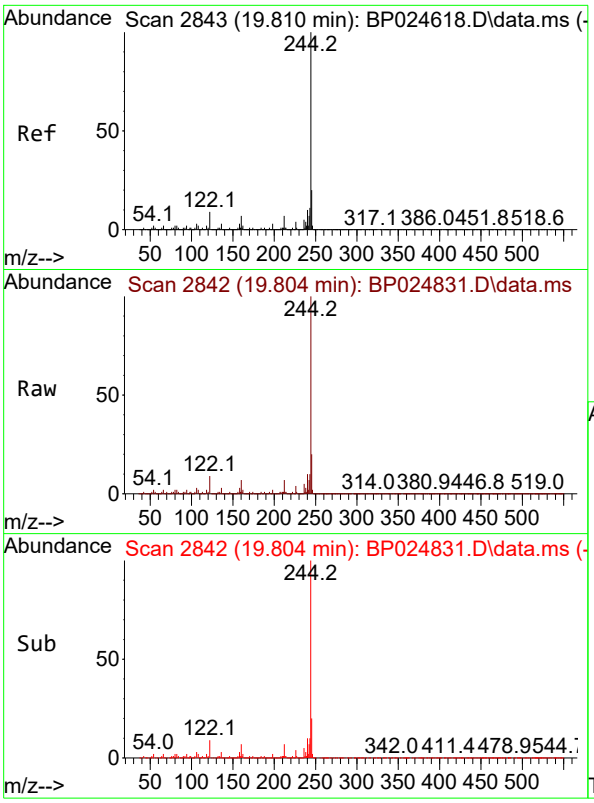


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. 0.024 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion:240 Resp: 762573

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.8	11.6
236	25.2	20.6	31.0





#79
Terphenyl-d14
Concen: 70.935 ng
RT: 19.804 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52

Tgt Ion:244 Resp: 315469

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	9.3	7.4	11.0

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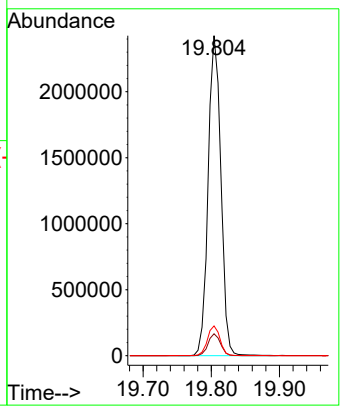
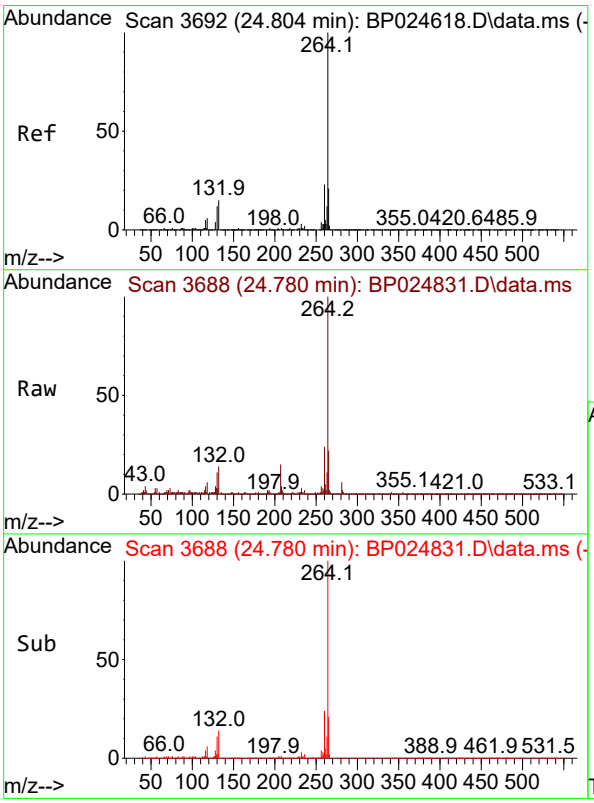
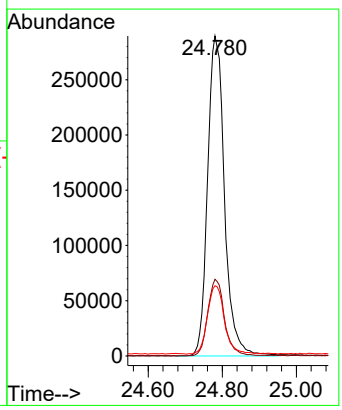




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.780 min Scan# 3688
Delta R.T. 0.035 min
Lab File: BP024831.D
Acq: 29 May 2025 16:26

Tgt Ion:264 Resp: 917779

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	17.0	25.6