Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100325\
Data File : BP025922.D
Acq On : 03 Oct 2025 20:26
Operator : CG/JU
Sample : Q3272-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Quant Time: Oct 04 02:19:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	181341	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	720928	20.000	ng	-0.02
39) Acenaphthene-d10	14.348	164	473770	20.000	ng	-0.03
64) Phenanthrene-d10	17.154	188	960153	20.000	ng	-0.03
76) Chrysene-d12	21.595	240	975497	20.000	ng	-0.05
86) Perylene-d12	24.930	264	1110646	20.000	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	134226	11.943	ng	0.00
7) Phenol-d6	6.960	99	164133	10.987	ng	0.01
23) Nitrobenzene-d5	8.896	82	101184	6.191	ng	0.00
42) 2,4,6-Tribromophenol	15.883	330	69797	11.811	ng	-0.02
45) 2-Fluorobiphenyl	12.960	172	240963	6.772	ng	-0.03
79) Terphenyl-d14	19.872	244	381494	7.035	ng	-0.04
Target Compounds						Qvalue
78) Pyrene	19.654	202	135501	2.082	ng	98

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

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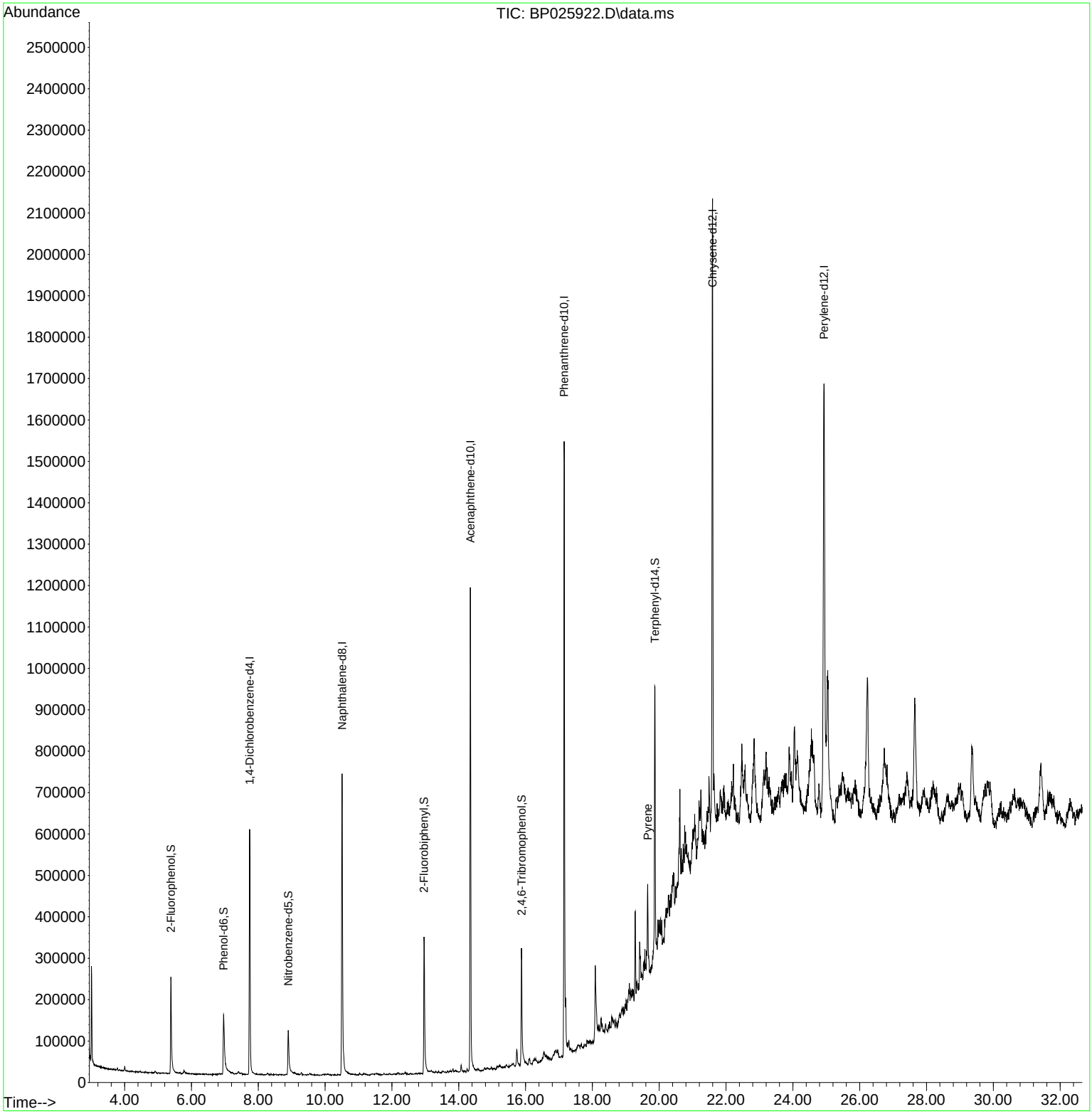
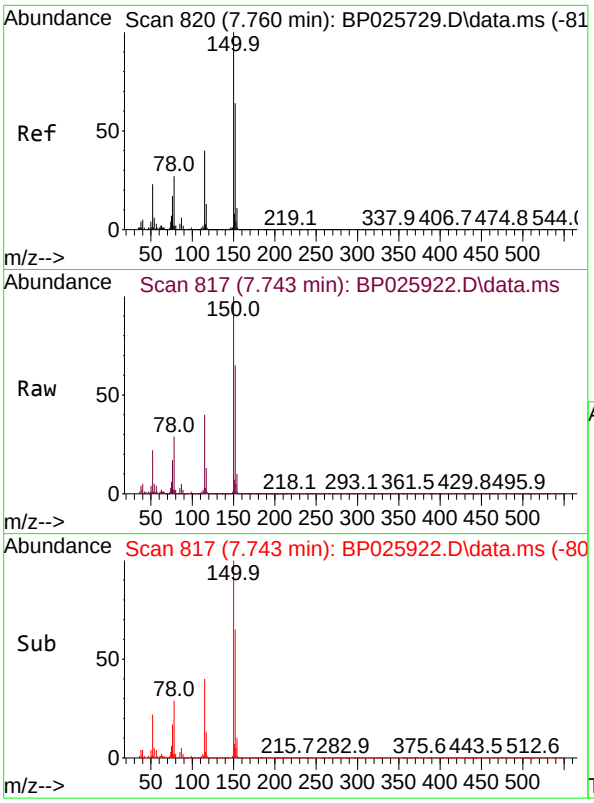


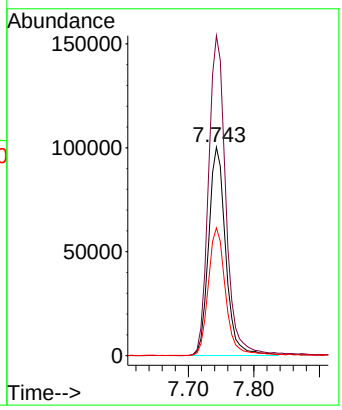


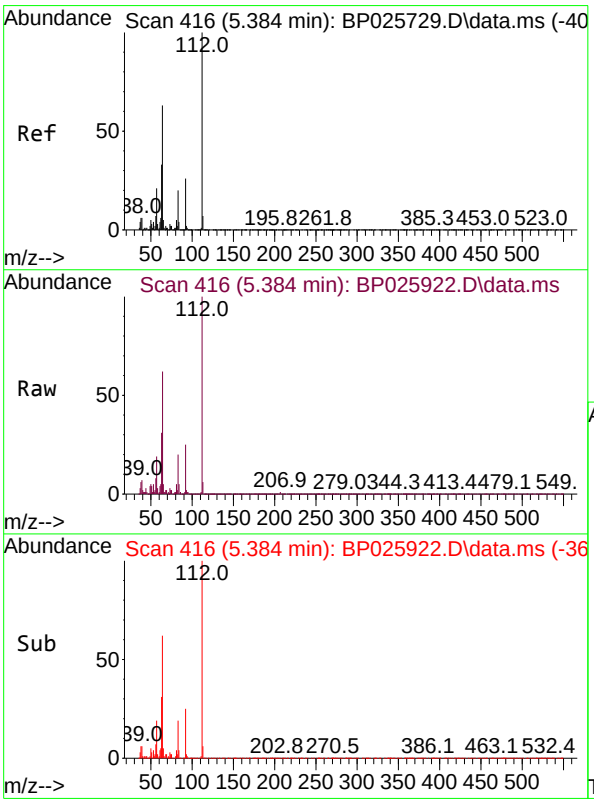
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion:152 Resp: 181341

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.3	186.5
115	61.3	50.3	75.5

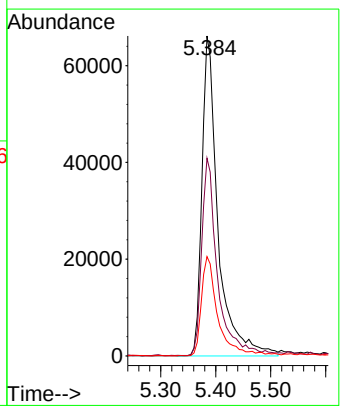


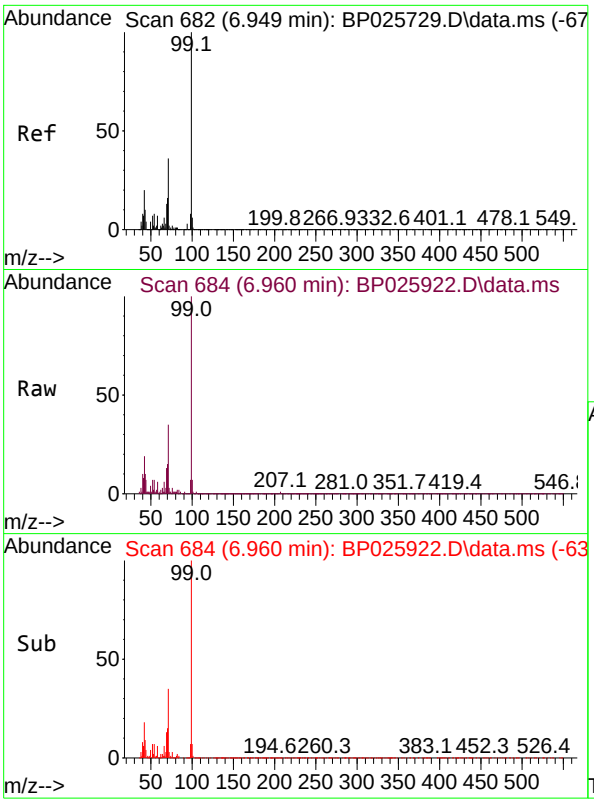


#5
2-Fluorophenol
Concen: 11.943 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Tgt Ion:112 Resp: 134226

Ion	Ratio	Lower	Upper
112	100		
64	61.8	50.2	75.4
63	31.0	26.7	40.1



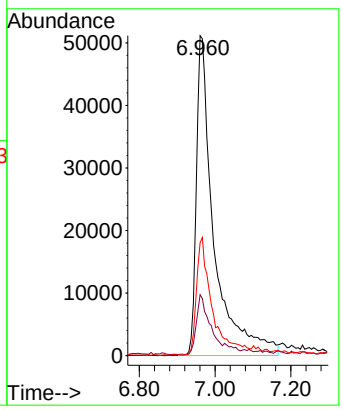


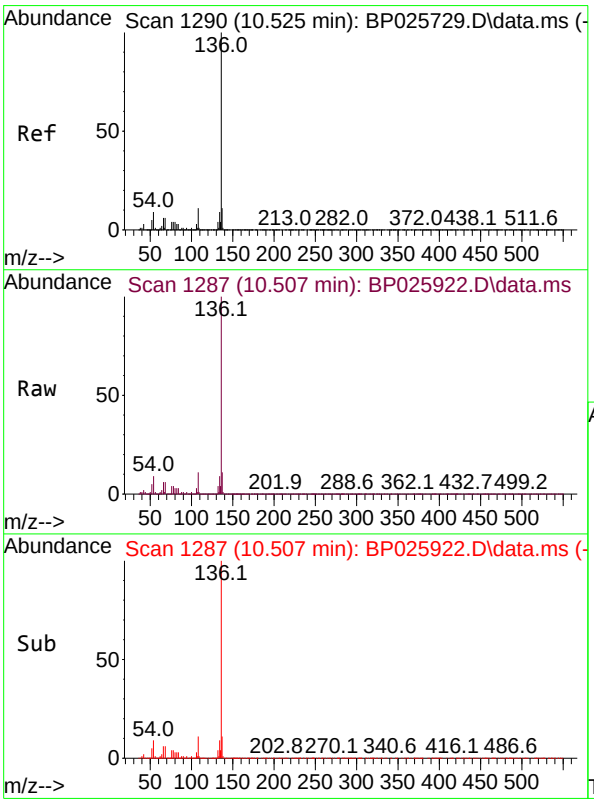
#7
Phenol-d6
Concen: 10.987 ng
RT: 6.960 min Scan# 68
Delta R.T. 0.012 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion: 99 Resp: 164133

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.6	23.4
71	35.3	28.6	43.0

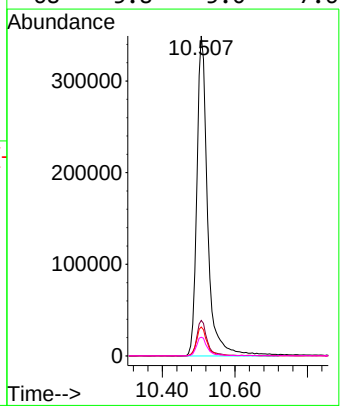


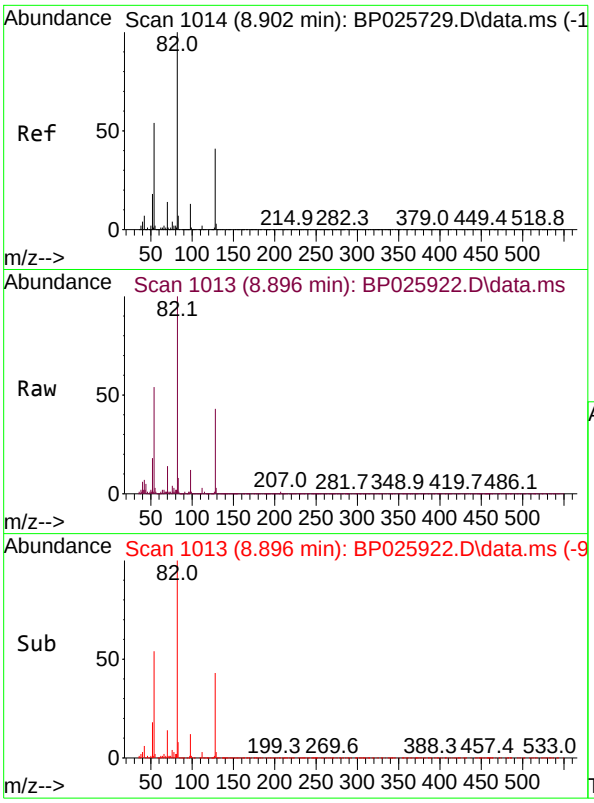


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Tgt Ion:136 Resp: 720928

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.0	7.5	11.3
68	5.8	5.0	7.6



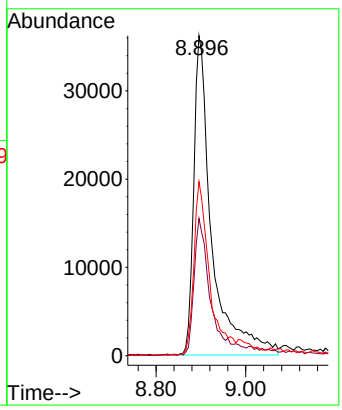


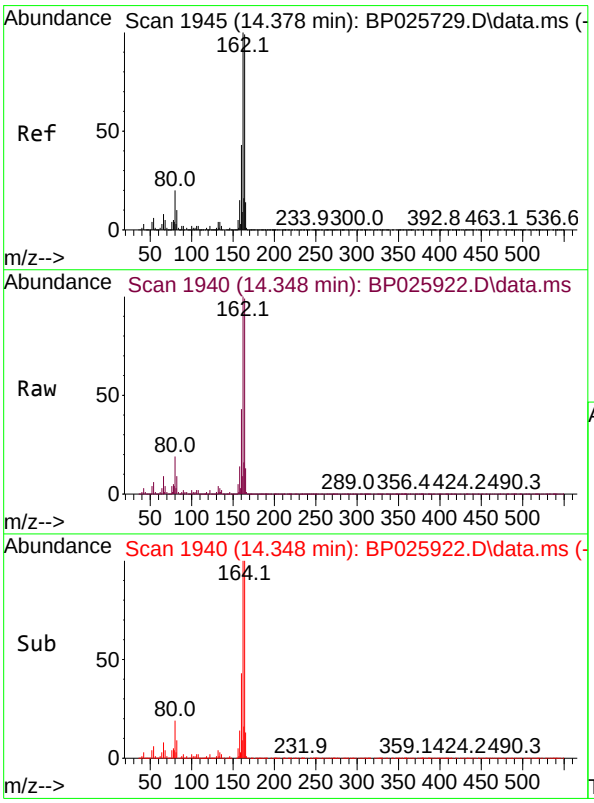
#23
Nitrobenzene-d5
Concen: 6.191 ng
RT: 8.896 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion: 82 Resp: 101184

Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.9	49.3
54	54.3	43.4	65.2

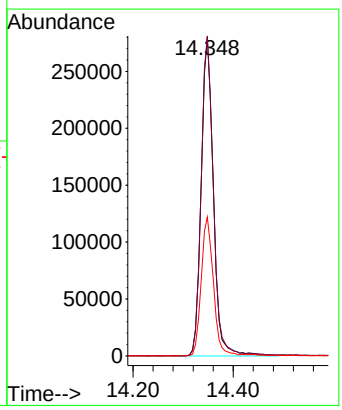


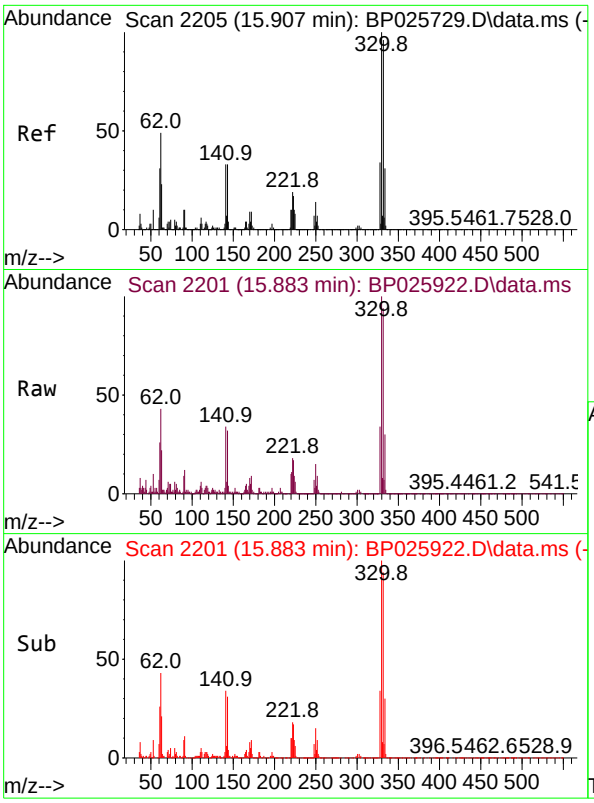


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.030 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Tgt Ion:164 Resp: 473770

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	120.8
160	43.6	35.0	52.6



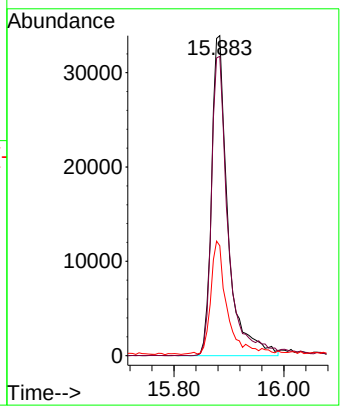


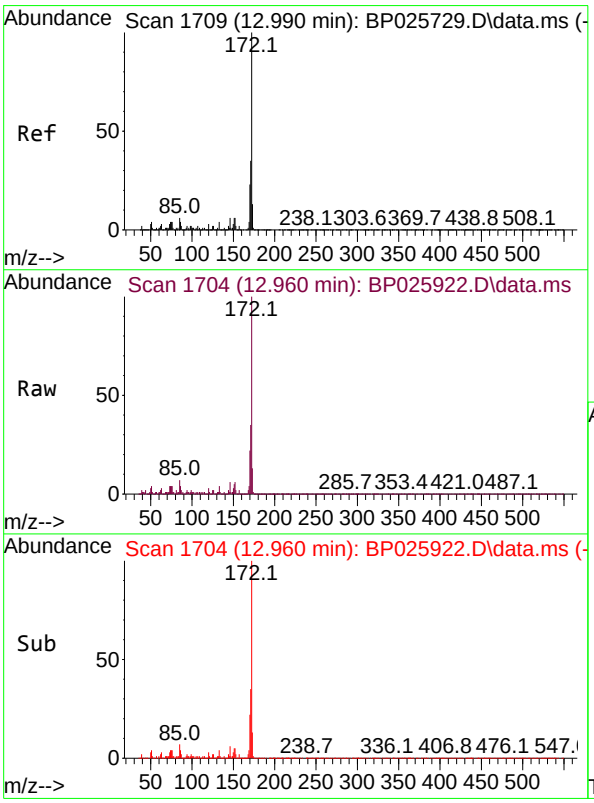
#42
2,4,6-Tribromophenol
Concen: 11.811 ng
RT: 15.883 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion:330 Resp: 69797

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.9	115.3
141	34.6	31.0	46.4

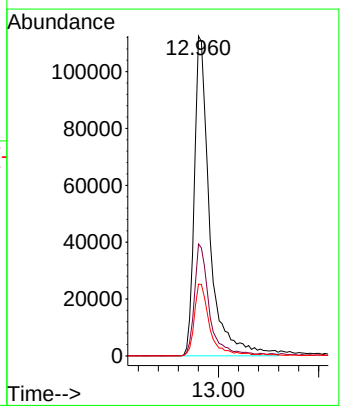


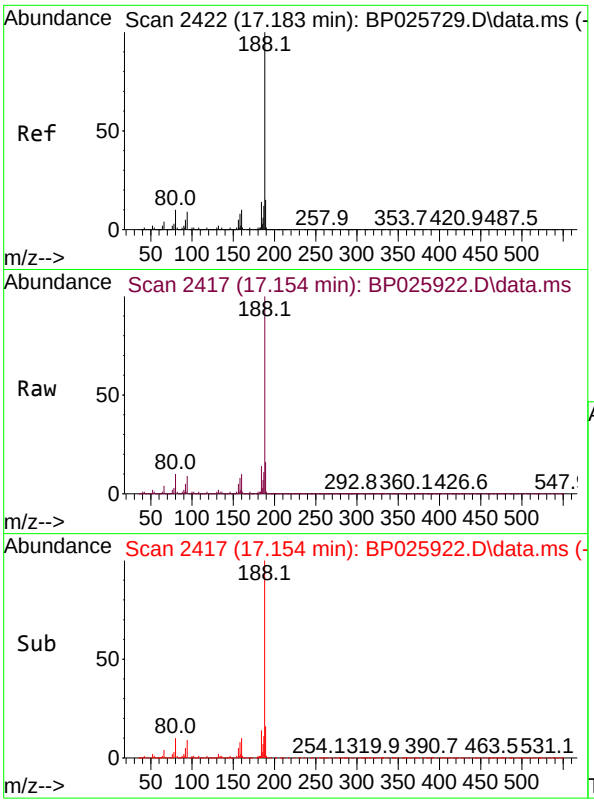


#45
2-Fluorobiphenyl
Concen: 6.772 ng
RT: 12.960 min Scan# 1704
Delta R.T. -0.029 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Tgt Ion:172 Resp: 240963

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	22.4	18.6	27.8



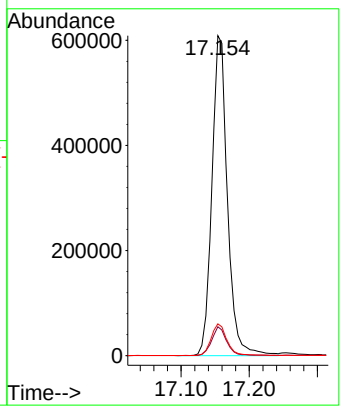


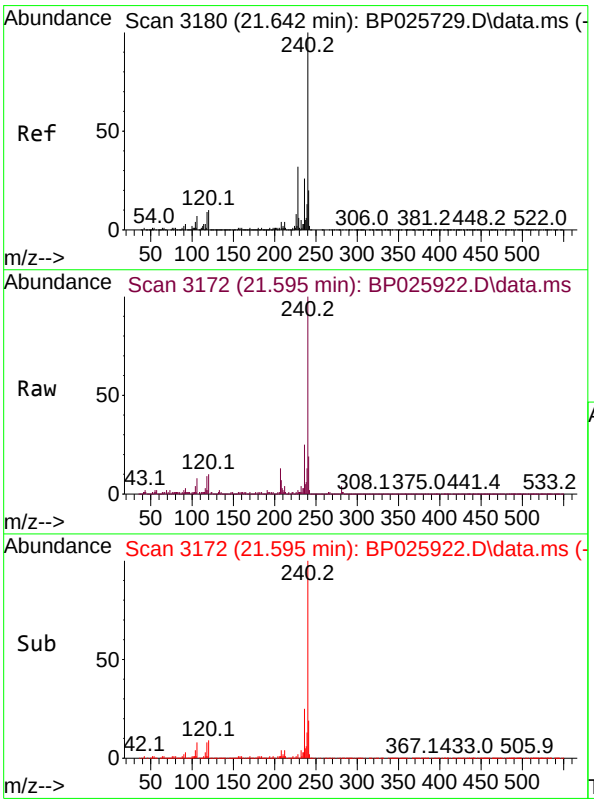
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.154 min Scan# 24
Delta R.T. -0.030 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion:188 Resp: 960153

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.0
80	9.9	7.7	11.5

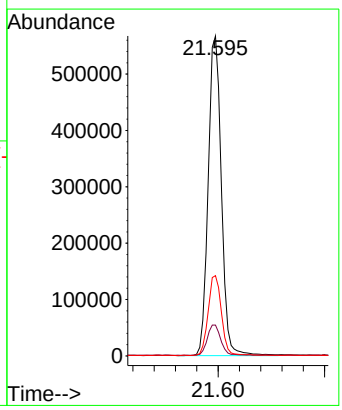


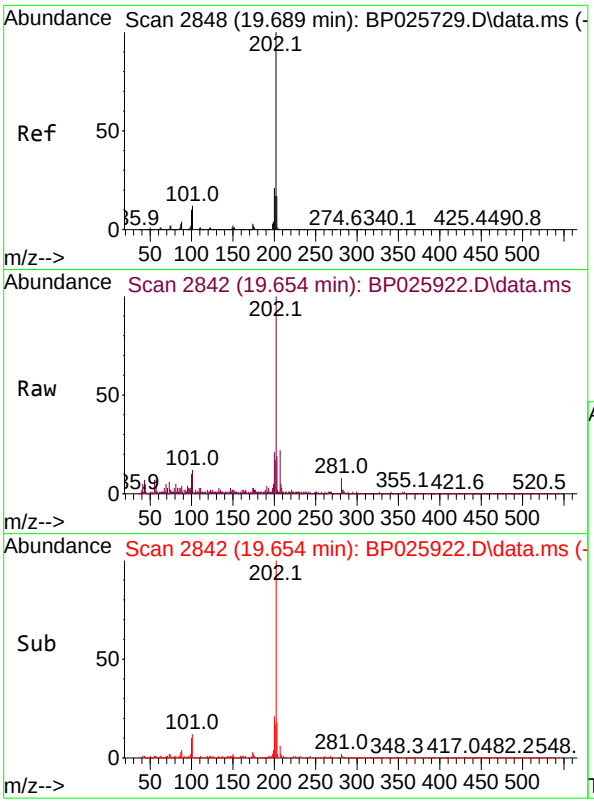


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 3172
Delta R.T. -0.047 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Tgt Ion:240 Resp: 975497

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.0	12.0
236	25.1	20.7	31.1



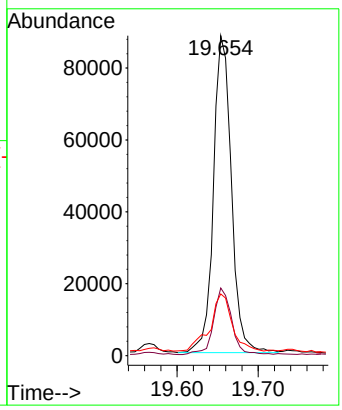


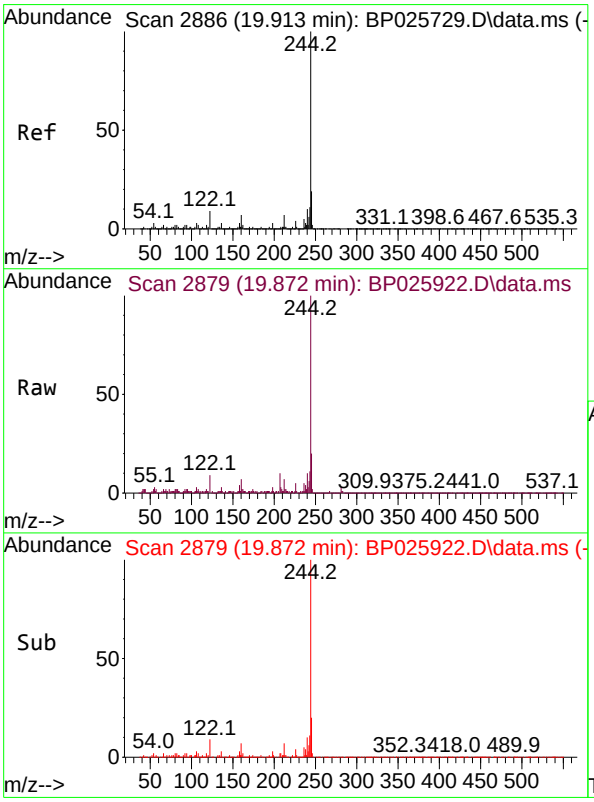
#78
Pyrene
Concen: 2.082 ng
RT: 19.654 min Scan# 28
Delta R.T. -0.035 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion:202 Resp: 135501

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	19.3	13.9	20.9

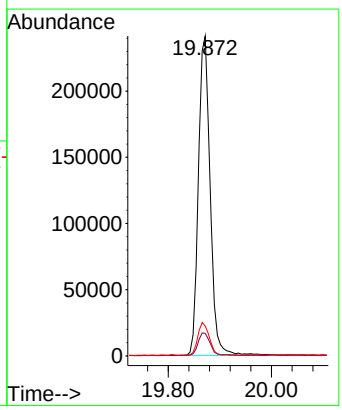


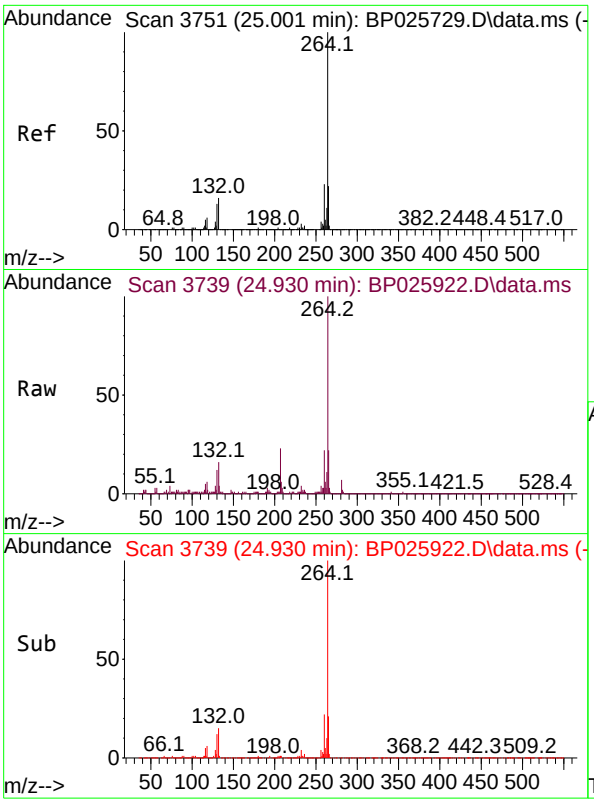


#79
Terphenyl-d14
Concen: 7.035 ng
RT: 19.872 min Scan# 2879
Delta R.T. -0.041 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Tgt Ion:244 Resp: 381494

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	9.3	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.930 min Scan# 3
Delta R.T. -0.071 min
Lab File: BP025922.D
Acq: 03 Oct 2025 20:26

Instrument :
BNA_P
ClientSampleId :
VNJ-235

Tgt Ion:264 Resp: 1110646

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.3	27.5
265	21.6	17.3	25.9