Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025933.D
Acq On : 06 Oct 2025 21:48
Operator : CG/JU
Sample : Q3289-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Quant Time: Oct 07 02:09:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.743	152	153143	20.000	ng		-0.02
21) Naphthalene-d8	10.507	136	575511	20.000	ng		-0.02
39) Acenaphthene-d10	14.354	164	378026	20.000	ng		-0.02
64) Phenanthrene-d10	17.148	188	782344	20.000	ng		-0.04
76) Chrysene-d12	21.583	240	836935	20.000	ng		-0.06
86) Perylene-d12	24.930	264	957465	20.000	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	716507	75.493	ng		0.00
7) Phenol-d6	6.949	99	900993	71.420	ng		0.00
23) Nitrobenzene-d5	8.890	82	542466	41.578	ng		-0.01
42) 2,4,6-Tribromophenol	15.878	330	386797	82.033	ng		-0.03
45) 2-Fluorobiphenyl	12.966	172	1295951	45.647	ng		-0.02
79) Terphenyl-d14	19.860	244	2276325	48.929	ng		-0.05
Target Compounds							Qvalue
54) 2,4-Dinitrophenol	14.472	184	10	4.827	ng	#	1
56) 4-Nitrophenol	14.772	139	5800	5.471	ng	#	8
63) Azobenzene	15.730	77	96123	3.396	ng	#	1
71) Phenanthrene	17.189	178	147393	3.321	ng		99
75) Fluoranthene	19.277	202	259358	4.873	ng		99
78) Pyrene	19.654	202	212109	3.798	ng		97
83) Chrysene	21.636	228	115140	2.108	ng		93
84) Bis(2-ethylhexyl)phtha...	21.483	149	106023	2.960	ng		99
88) Benzo(b)fluoranthene	23.877	252	155954	2.664	ng	#	96
89) Benzo(k)fluoranthene	23.877	252	155954	2.610	ng	#	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
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Operator : CG/JU
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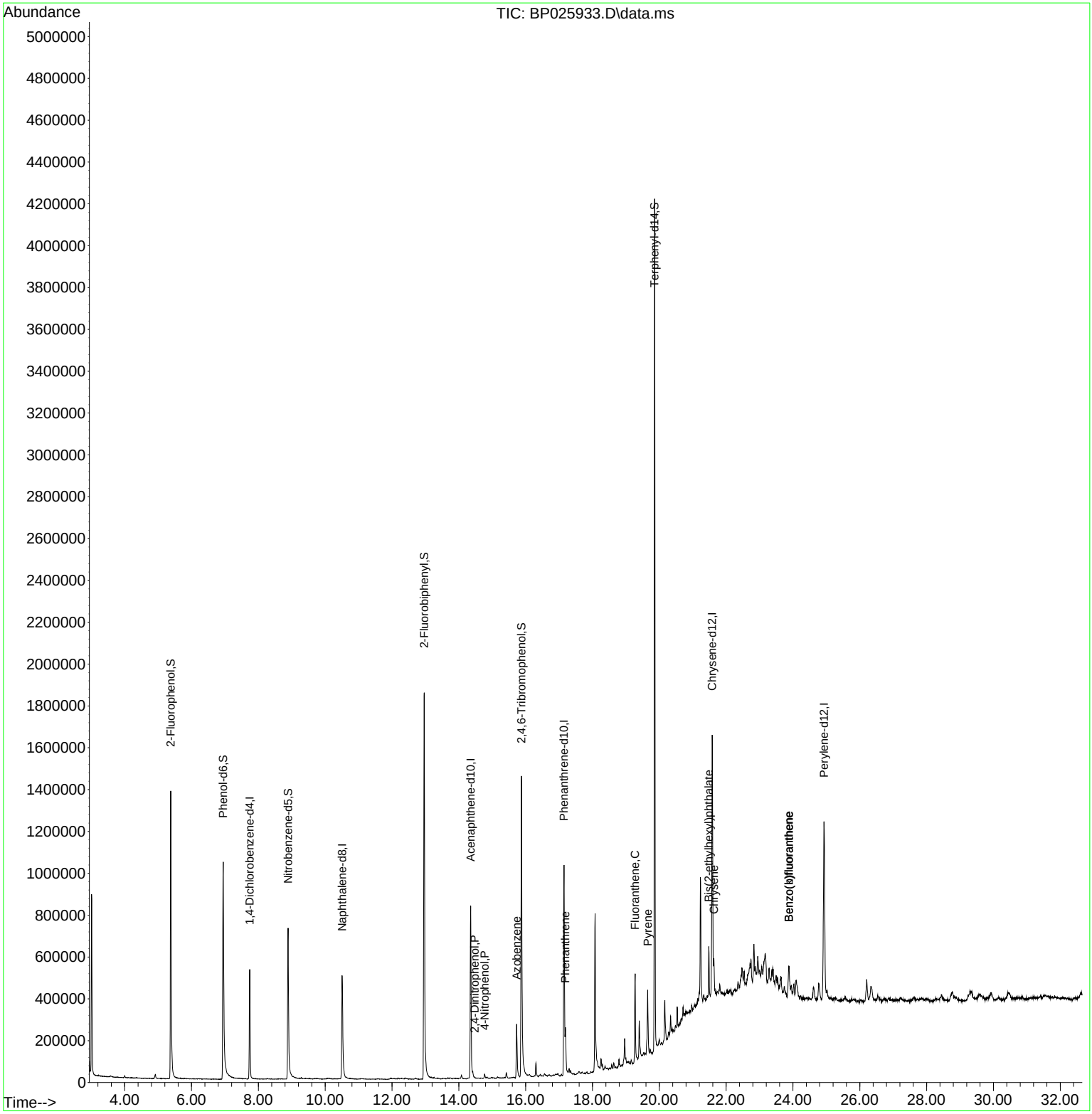
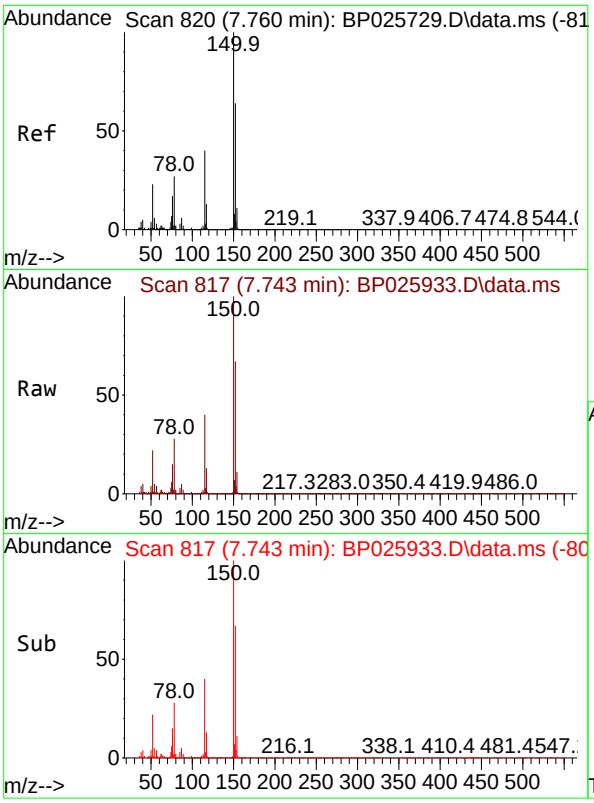
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Quant Time: Oct 07 02:09:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
Response via : Initial Calibration



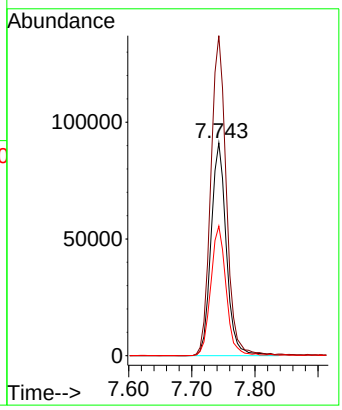


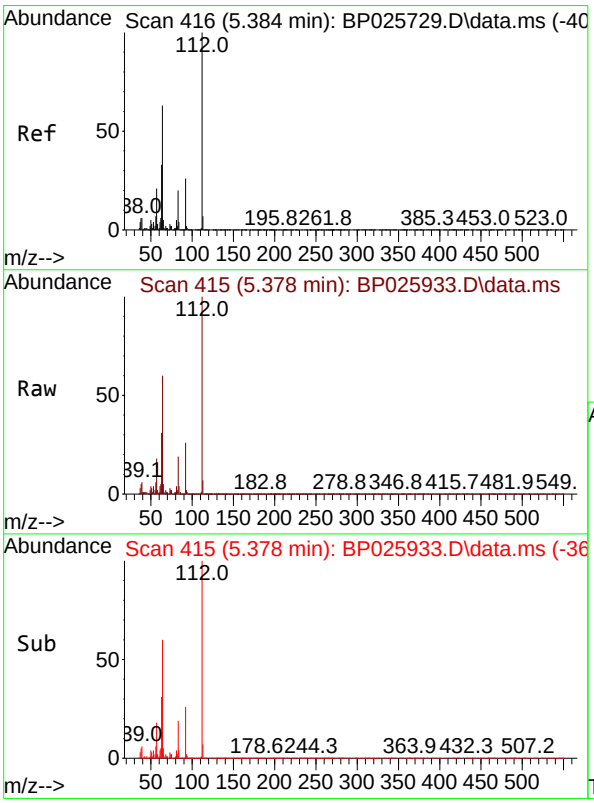
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.743 min Scan# 8
Delta R.T. -0.017 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Tgt Ion:152 Resp: 153143

Ion	Ratio	Lower	Upper
152	100		
150	150.4	124.3	186.5
115	60.9	50.3	75.5

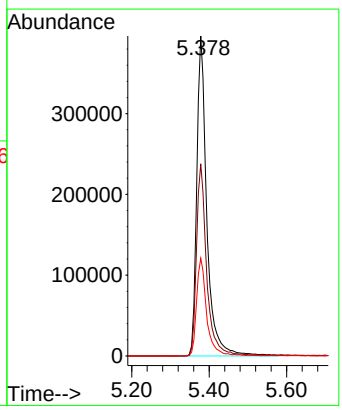


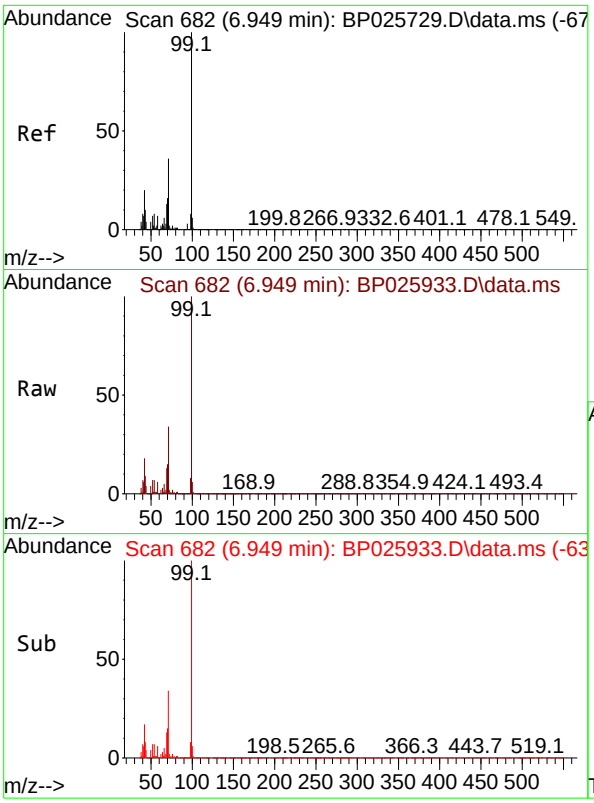


#5
2-Fluorophenol
Concen: 75.493 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Tgt Ion:112 Resp: 716507

Ion	Ratio	Lower	Upper
112	100		
64	60.0	50.2	75.4
63	30.6	26.7	40.1



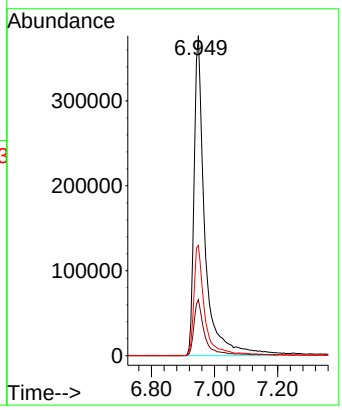


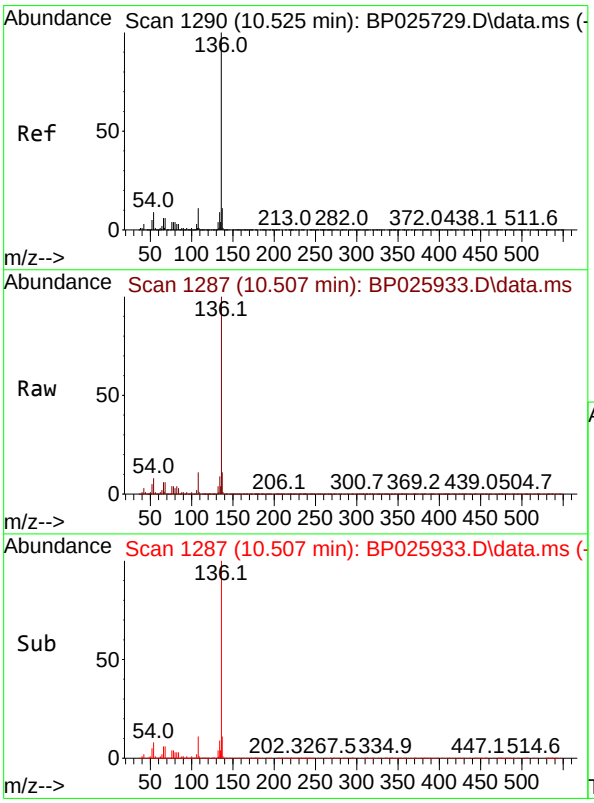
#7
Phenol-d6
Concen: 71.420 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Tgt Ion: 99 Resp: 900993

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.6	23.4
71	34.5	28.6	43.0

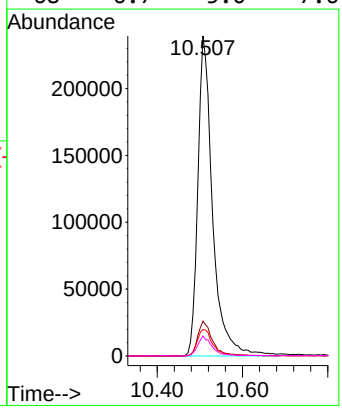


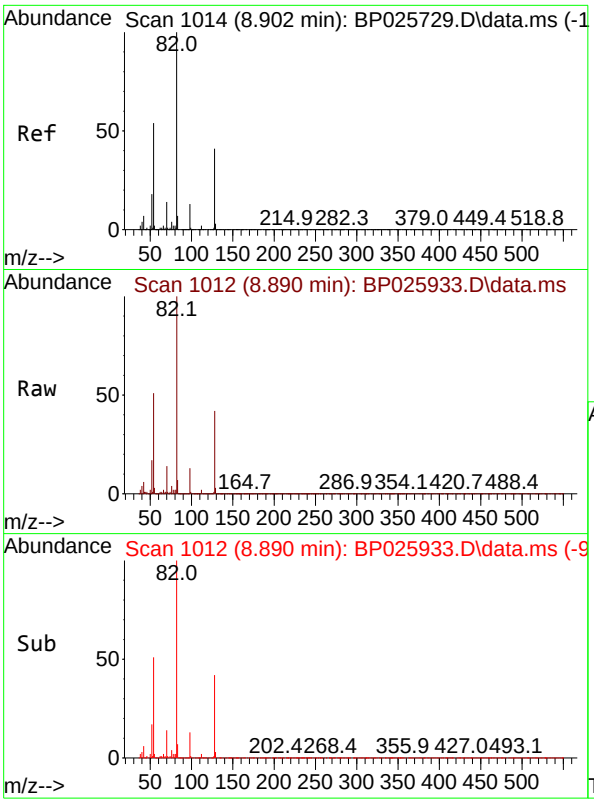


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Tgt Ion:136 Resp: 575511

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.3	7.5	11.3
68	6.7	5.0	7.6



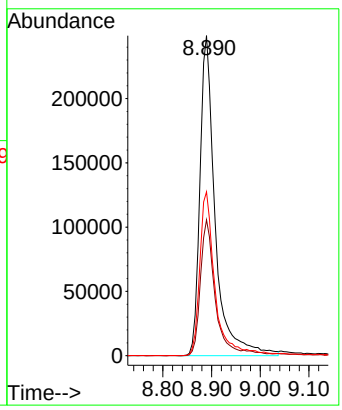


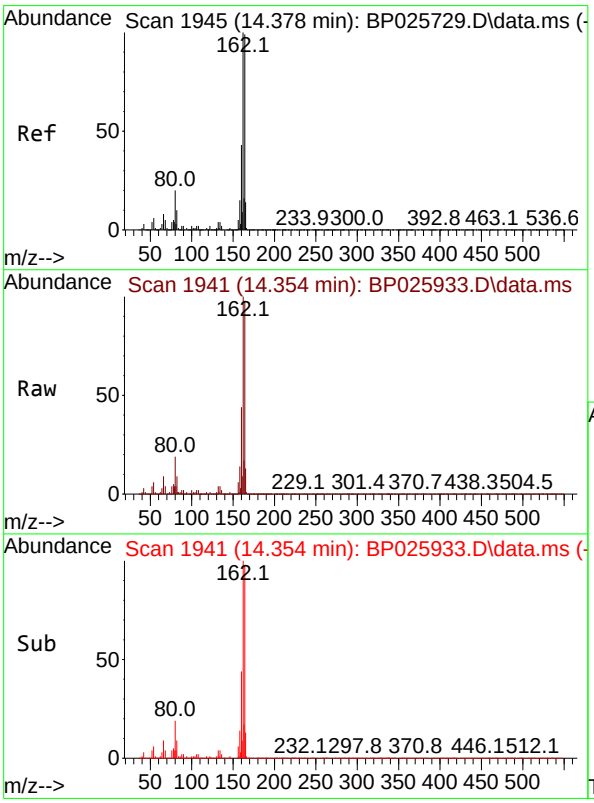
#23
Nitrobenzene-d5
Concen: 41.578 ng
RT: 8.890 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Tgt Ion: 82 Resp: 542466

Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.9	49.3
54	51.2	43.4	65.2

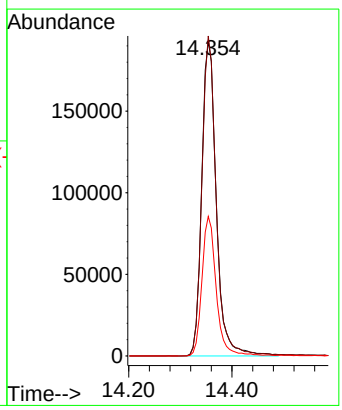


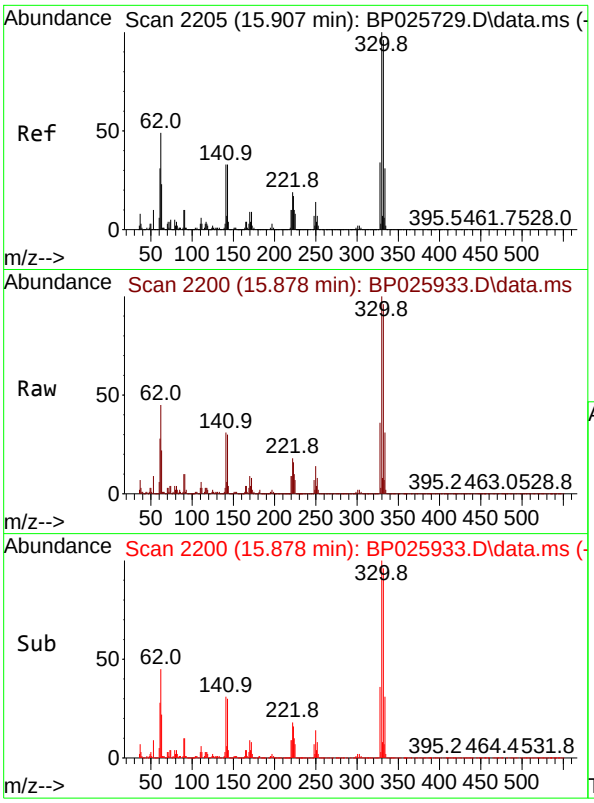


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.024 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Tgt Ion:164 Resp: 378026

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	44.4	35.0	52.6



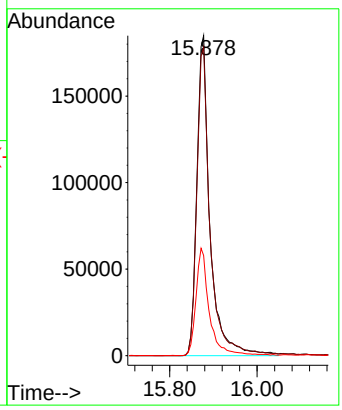


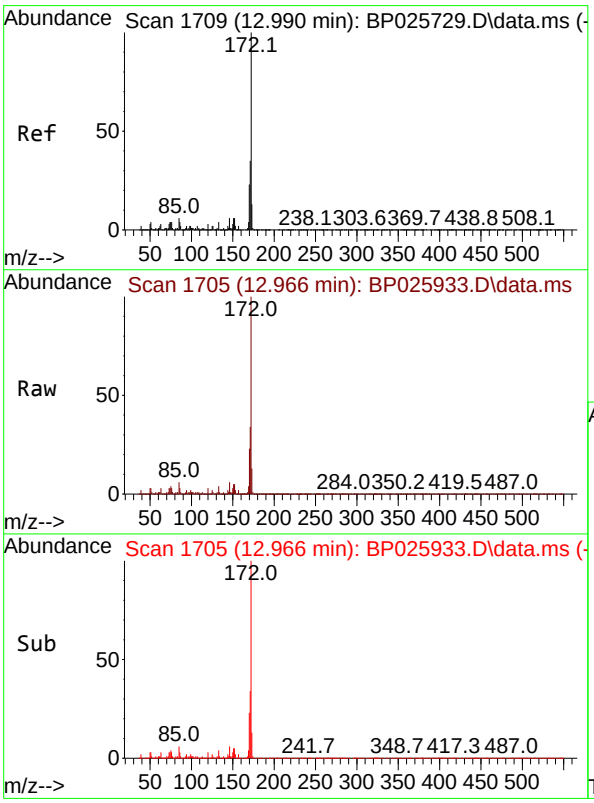
#42
2,4,6-Tribromophenol
Concen: 82.033 ng
RT: 15.878 min Scan# 2
Delta R.T. -0.030 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Tgt Ion:330 Resp: 386797

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.9	115.3
141	33.7	31.0	46.4

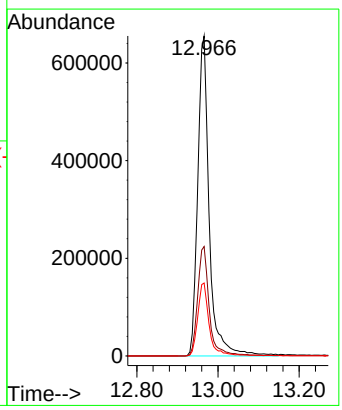


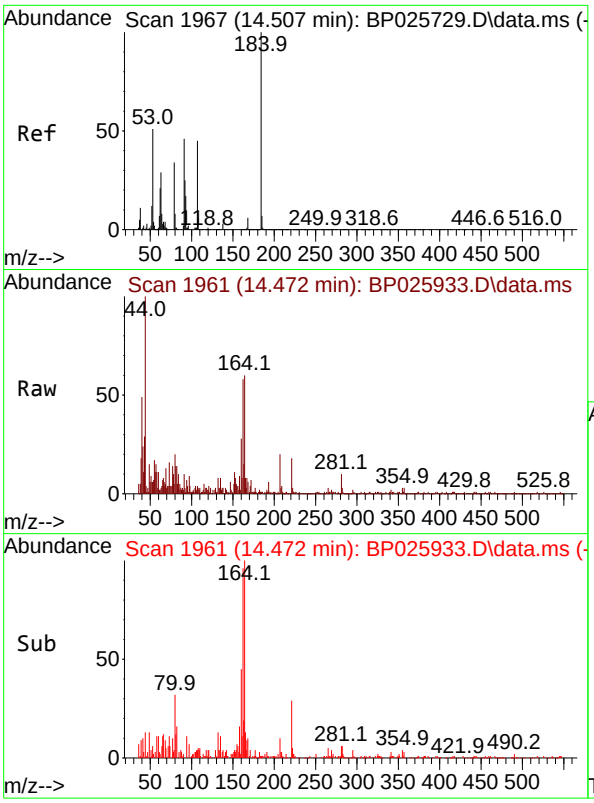


#45
2-Fluorobiphenyl
Concen: 45.647 ng
RT: 12.966 min Scan# 1705
Delta R.T. -0.024 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Tgt Ion:172 Resp: 1295951

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.6
170	22.8	18.6	27.8



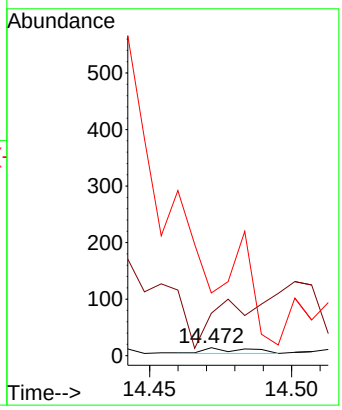


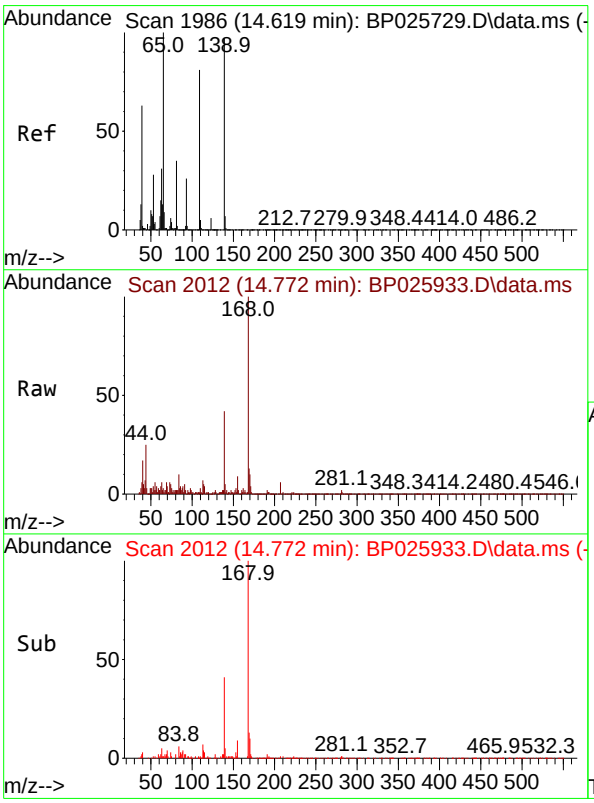
#54
2,4-Dinitrophenol
Concen: 4.827 ng
RT: 14.472 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Tgt Ion:184 Resp: 10

Ion	Ratio	Lower	Upper
184	100		
63	250.0	52.5	78.7#
154	370.0	51.5	77.3#

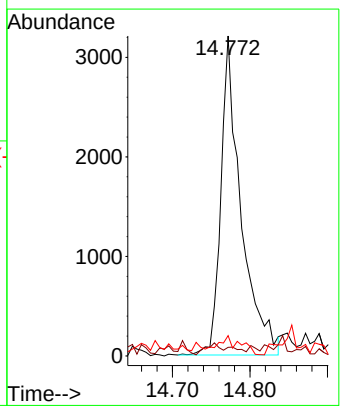


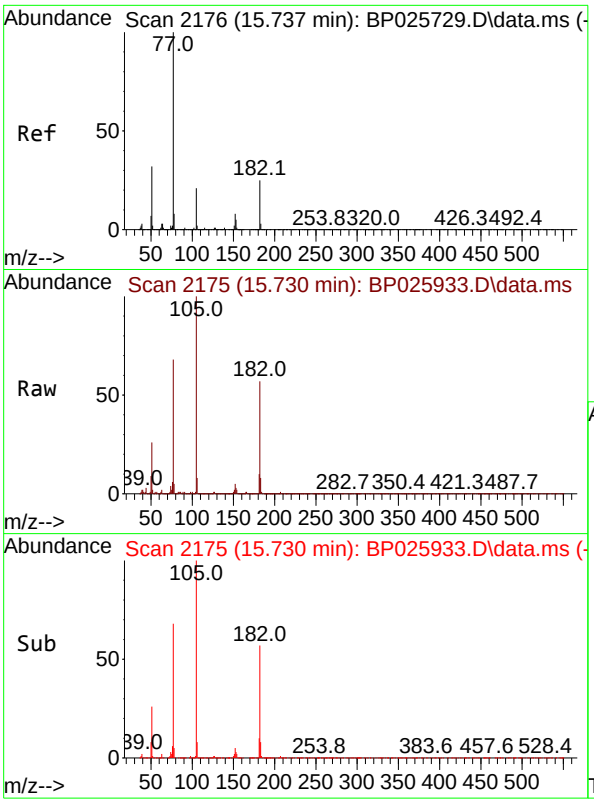


#56
4-Nitrophenol
Concen: 5.471 ng
RT: 14.772 min Scan# 2012
Delta R.T. 0.153 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Tgt Ion:139 Resp: 5800

Ion	Ratio	Lower	Upper
139	100		
109	2.7	62.9	102.9#
65	6.3	83.4	123.4#



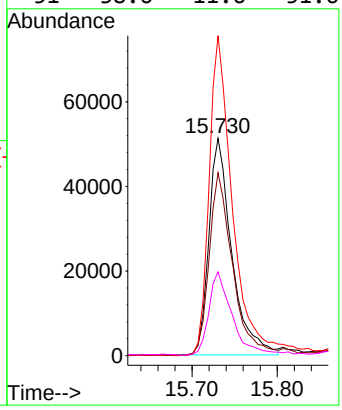


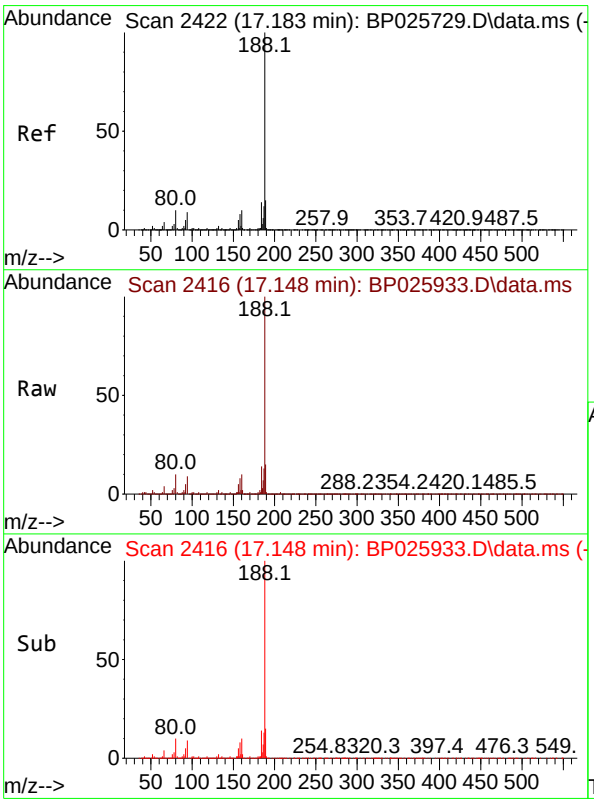
#63
Azobenzene
Concen: 3.396 ng
RT: 15.730 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Tgt Ion: 77 Resp: 96123

Ion	Ratio	Lower	Upper
77	100		
182	84.1	5.2	45.2#
105	147.3	1.1	41.1#
51	38.6	11.6	51.6

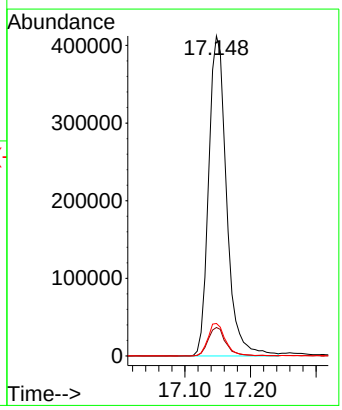


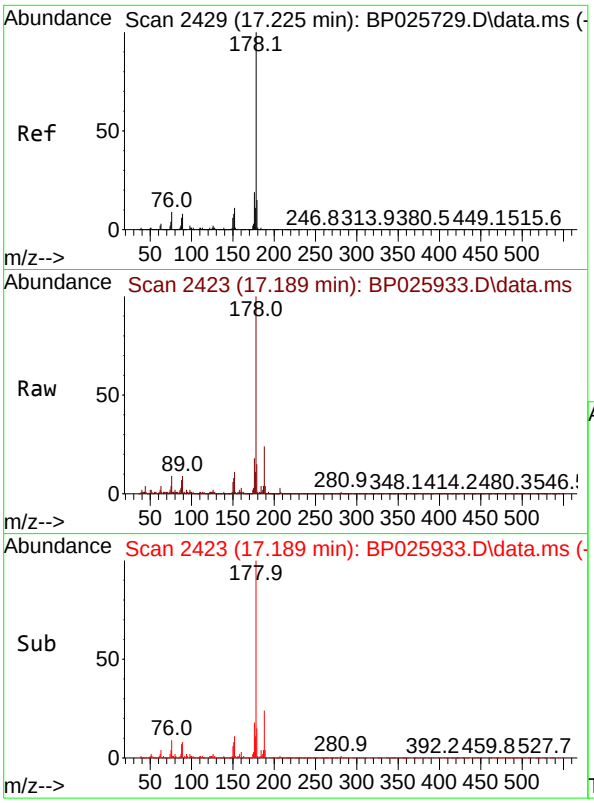


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.148 min Scan# 2416
Delta R.T. -0.035 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Tgt Ion:188 Resp: 782344

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.0
80	10.2	7.7	11.5



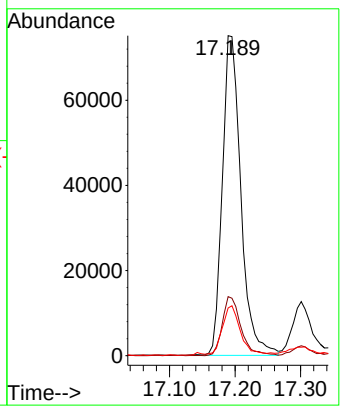


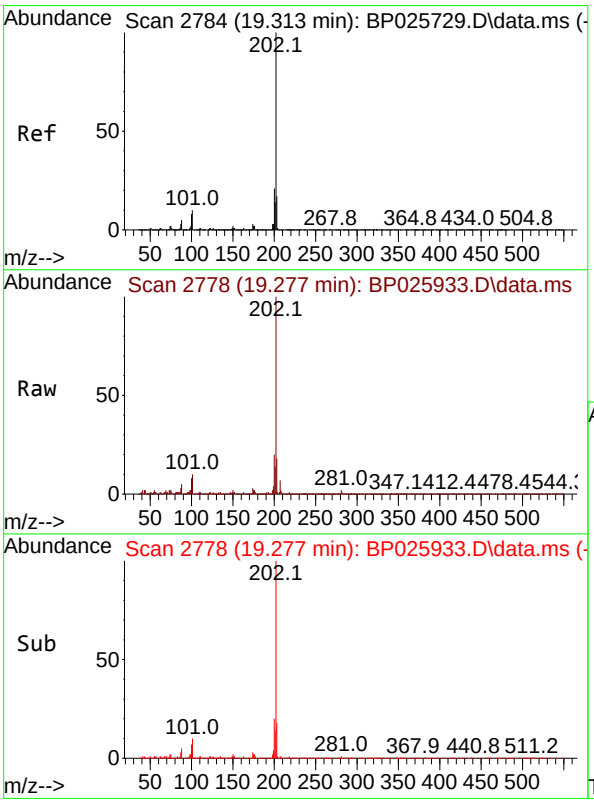
#71
Phenanthrene
Concen: 3.321 ng
RT: 17.189 min Scan# 24
Delta R.T. -0.035 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Tgt Ion:178 Resp: 147393

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	14.9	12.2	18.4

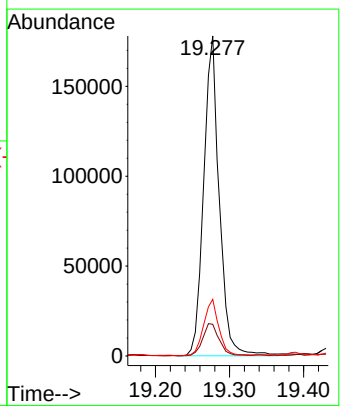


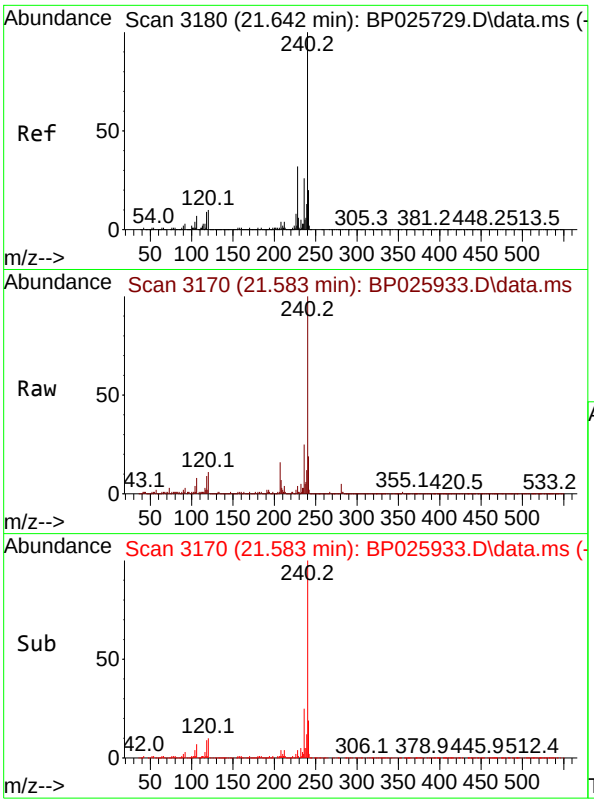


#75
Fluoranthene
Concen: 4.873 ng
RT: 19.277 min Scan# 2778
Delta R.T. -0.035 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Tgt Ion:202 Resp: 259358

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.4
203	17.7	0.0	37.4



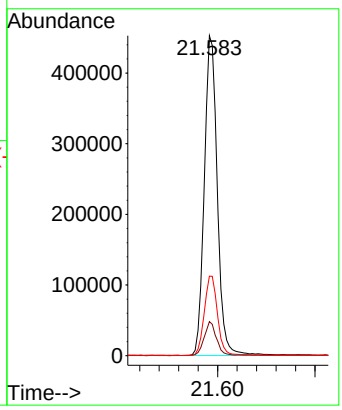


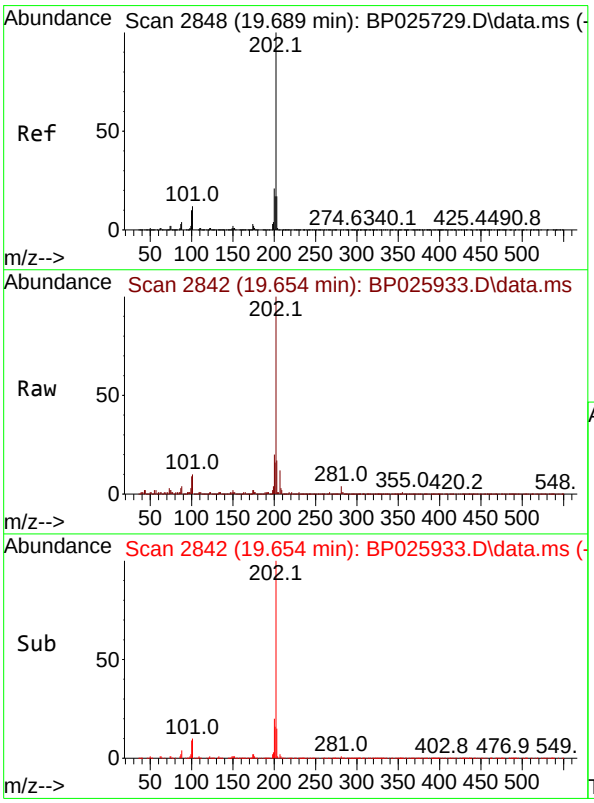
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3
Delta R.T. -0.059 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Tgt Ion:240 Resp: 836935

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.0	12.0
236	24.9	20.7	31.1

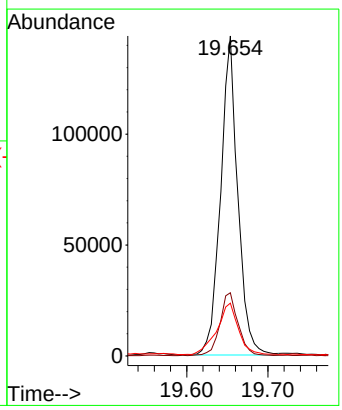


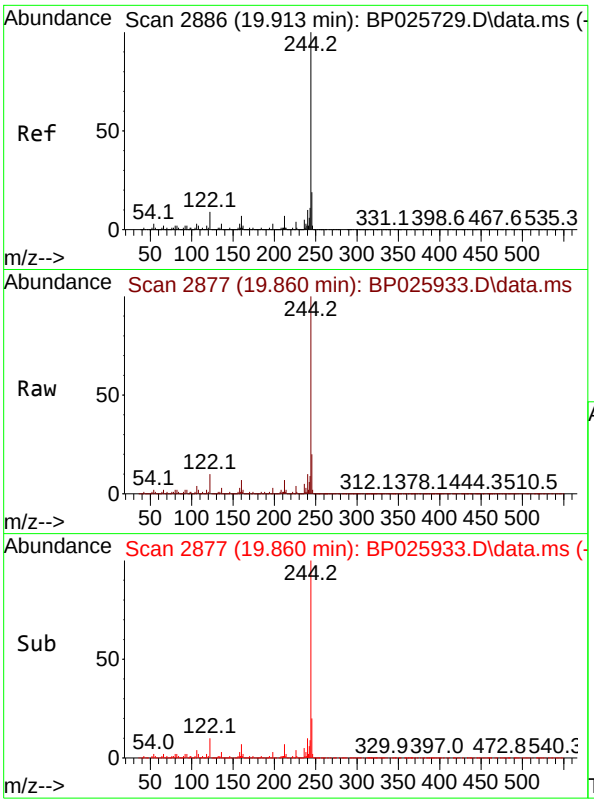


#78
Pyrene
Concen: 3.798 ng
RT: 19.654 min Scan# 2842
Delta R.T. -0.035 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Tgt Ion:202 Resp: 212109

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.6
203	16.5	13.9	20.9



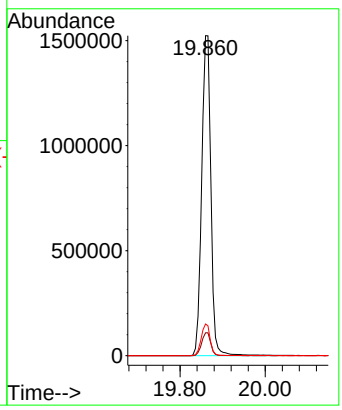


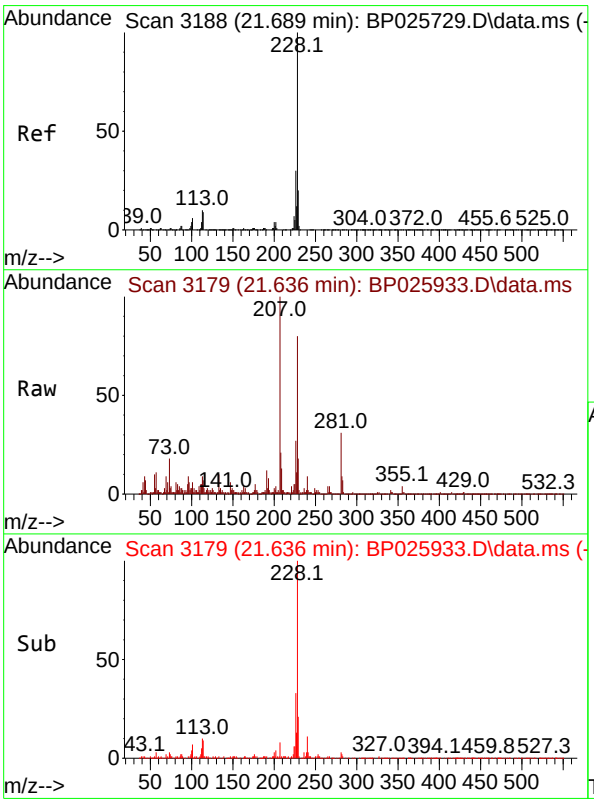
#79
Terphenyl-d14
Concen: 48.929 ng
RT: 19.860 min Scan# 2
Delta R.T. -0.053 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Tgt Ion:244 Resp: 2276325

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.9	7.1	10.7

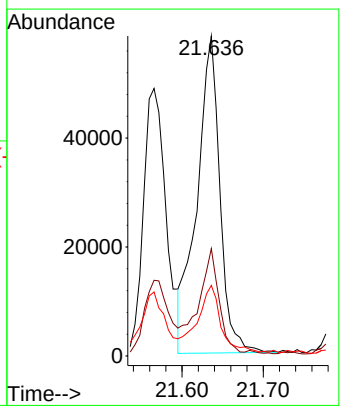


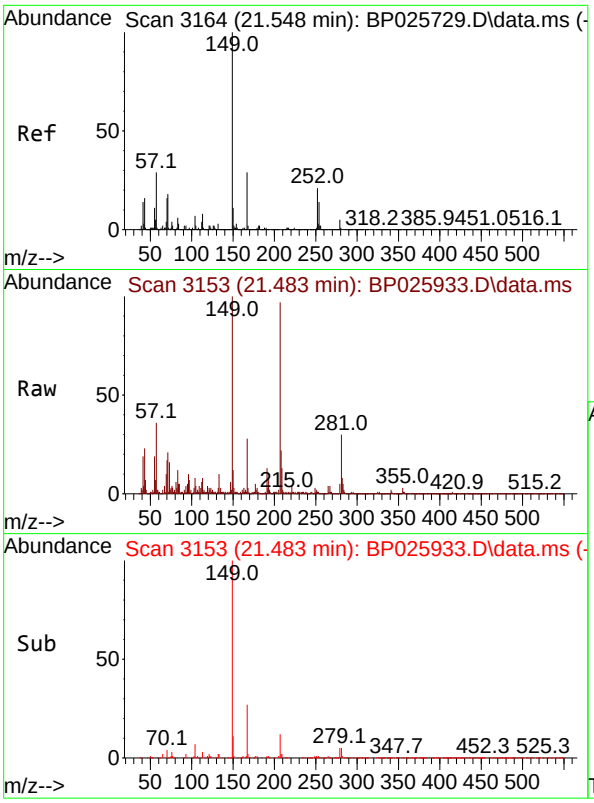


#83
Chrysene
Concen: 2.108 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.053 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Tgt Ion:228 Resp: 115140

Ion	Ratio	Lower	Upper
228	100		
226	33.6	23.8	35.6
229	22.1	15.6	23.4



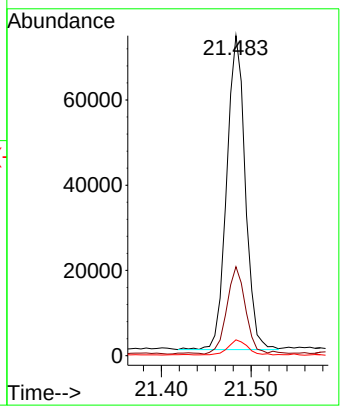


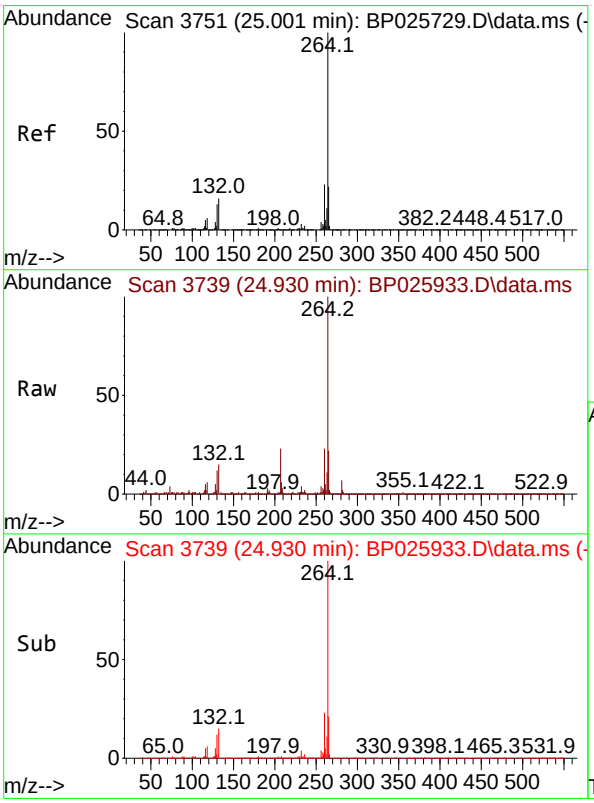
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.960 ng
RT: 21.483 min Scan# 3
Delta R.T. -0.065 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Tgt Ion:149 Resp: 106023

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.9	34.3
279	5.0	3.8	5.8

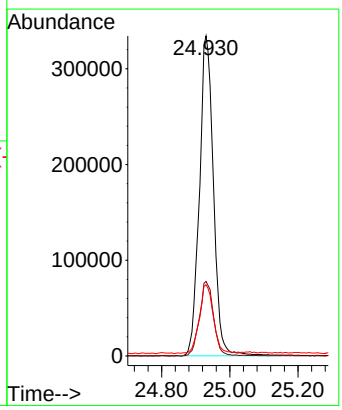


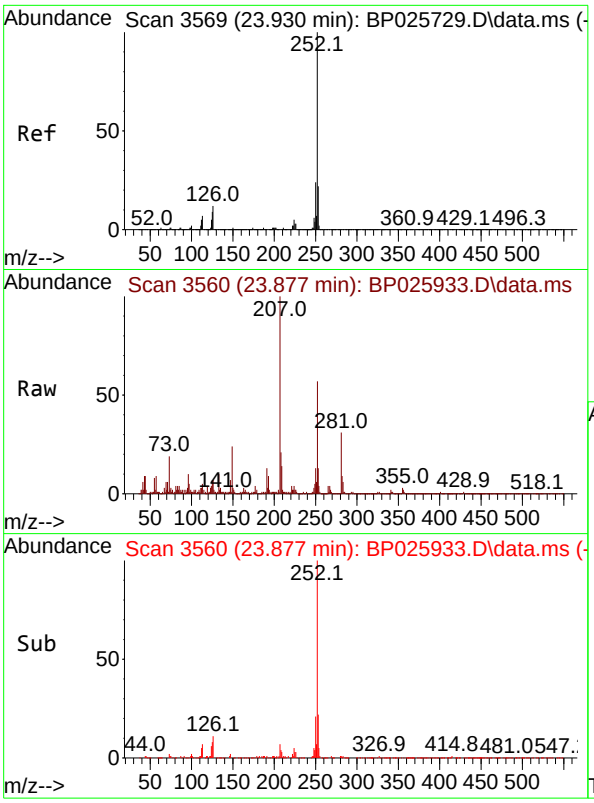


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.930 min Scan# 3739
Delta R.T. -0.071 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Tgt Ion:264 Resp: 957465

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	22.2	17.3	25.9



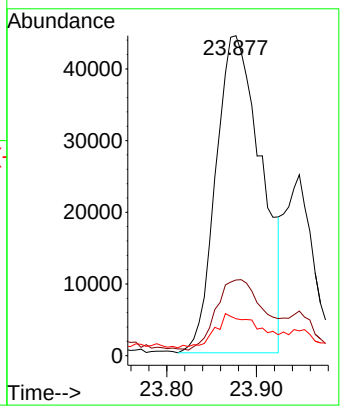


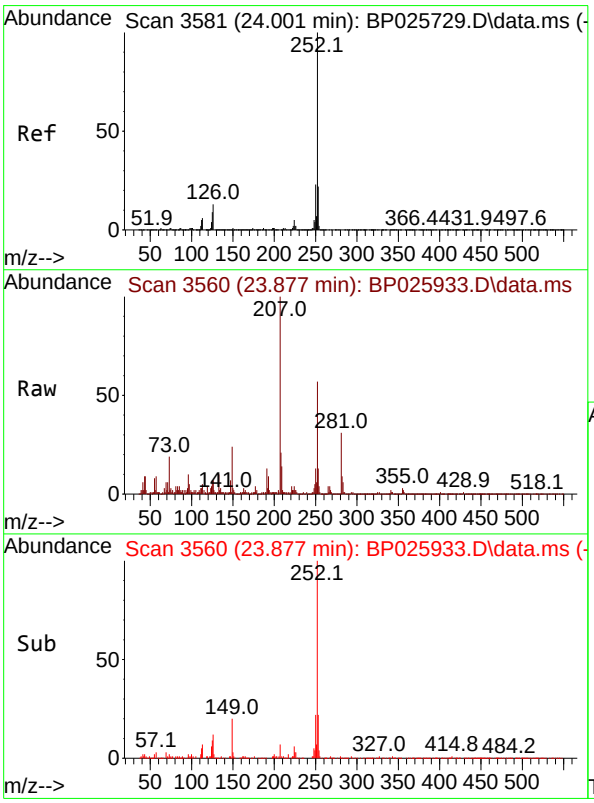
#88
Benzo(b)fluoranthene
Concen: 2.664 ng
RT: 23.877 min Scan# 3
Delta R.T. -0.053 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Instrument :
BNA_P
ClientSampleId :
VNJ-240

Tgt Ion:252 Resp: 155954

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	11.5	7.3	10.9#





#89
Benzo(k)fluoranthene
Concen: 2.610 ng
RT: 23.877 min Scan# 3560
Delta R.T. -0.124 min
Lab File: BP025933.D
Acq: 06 Oct 2025 21:48

Tgt Ion:252 Resp: 155954

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	11.5	7.5	11.3#