

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111425\
 Data File : BP026139.D
 Acq On : 14 Nov 2025 13:52
 Operator : RC/JU
 Sample : Q3631-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-208

Quant Time: Nov 14 14:13:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

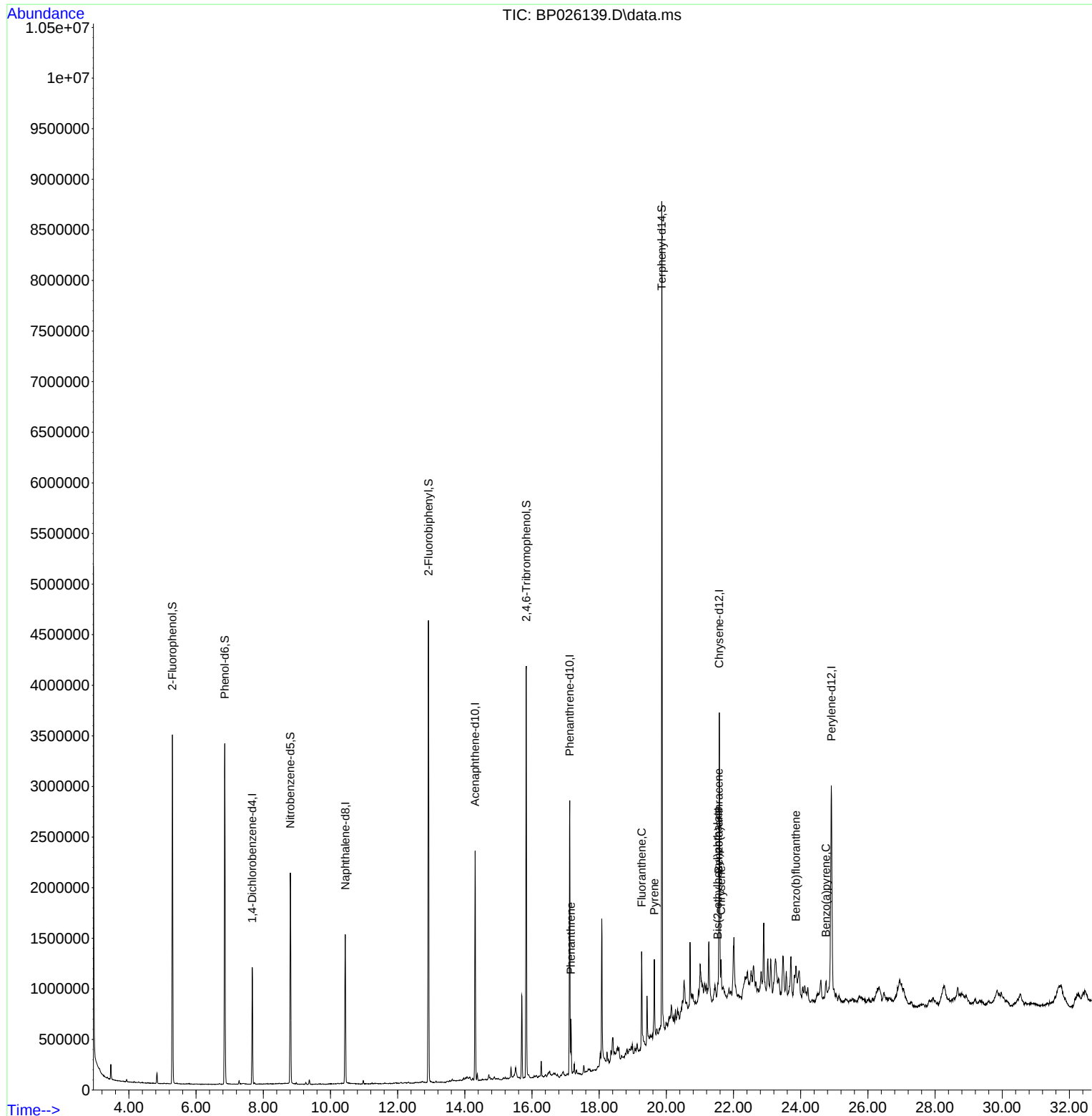
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	318601	20.000	ng	-0.02
21) Naphthalene-d8	10.442	136	1241424	20.000	ng	-0.01
39) Acenaphthene-d10	14.307	164	765686	20.000	ng	-0.01
64) Phenanthrene-d10	17.124	188	1546246	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1590403	20.000	ng	0.01
86) Perylene-d12	24.912	264	1828354	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1556691	80.624	ng	0.00
7) Phenol-d6	6.854	99	1953579	79.494	ng	0.00
23) Nitrobenzene-d5	8.807	82	1136760	57.084	ng	-0.02
42) 2,4,6-Tribromophenol	15.830	330	760517	91.874	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2498684	46.892	ng	-0.01
79) Terphenyl-d14	19.865	244	3711942	47.419	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.160	178	351729	3.908	ng	99
75) Fluoranthene	19.265	202	609718	5.808	ng	99
78) Pyrene	19.642	202	503818	4.684	ng	99
81) Benzo(a)anthracene	21.559	228	241057	2.206	ng	98
83) Chrysene	21.630	228	265309	2.563	ng	98
84) Bis(2-ethylhexyl)phtha...	21.530	149	57712	3.449	ng	# 96
88) Benzo(b)fluoranthene	23.859	252	342366	3.016	ng	# 94
90) Benzo(a)pyrene	24.753	252	226675	2.174	ng	94

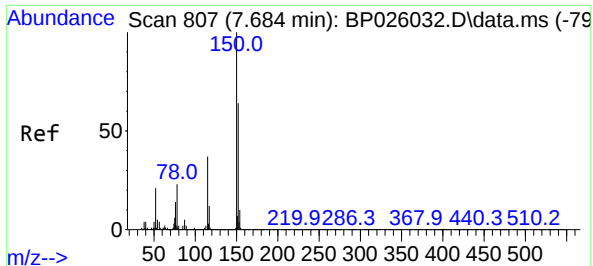
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111425\
Data File : BP026139.D
Acq On : 14 Nov 2025 13:52
Operator : RC/JU
Sample : Q3631-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-208

Quant Time: Nov 14 14:13:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

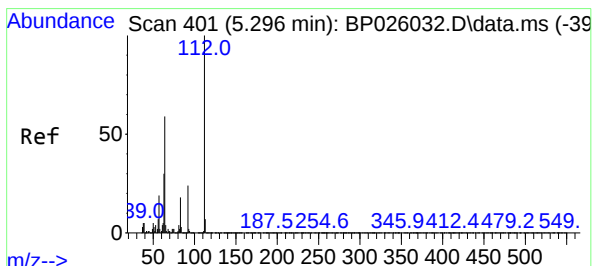
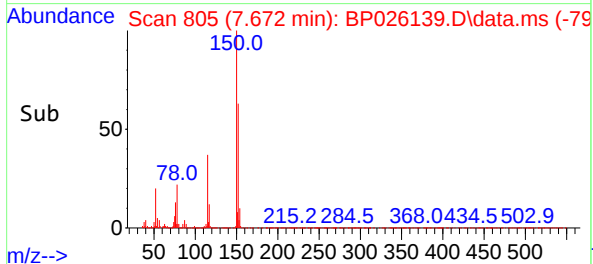
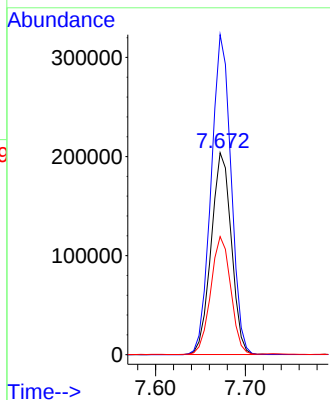
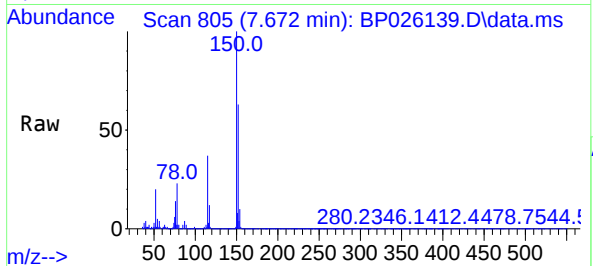




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 807
Delta R.T. -0.018 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

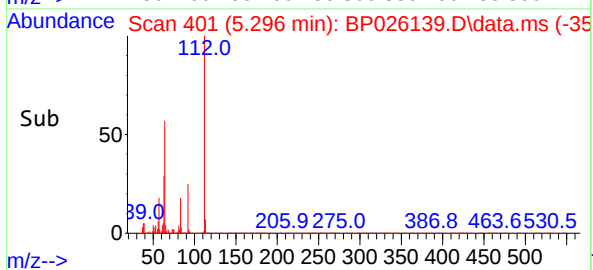
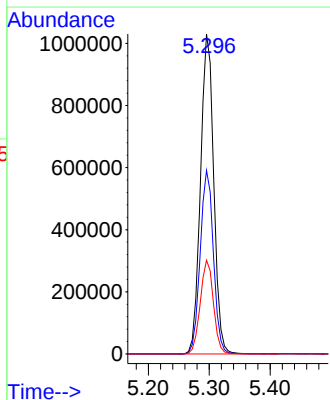
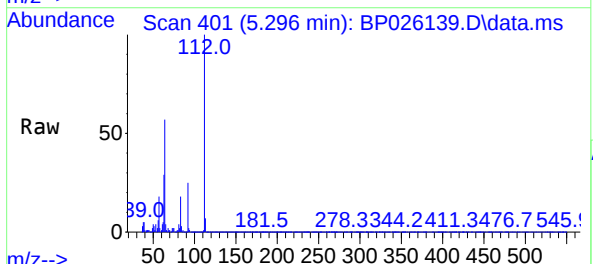
Instrument :
BNA_P
ClientSampleId :
VNJ-208

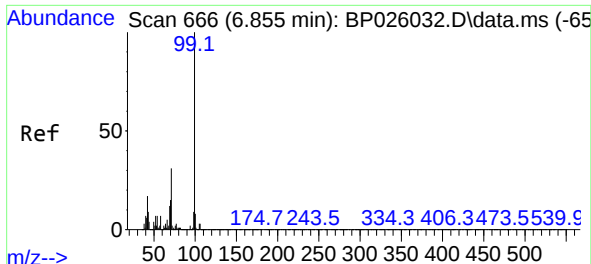
Tgt Ion:152 Resp: 318601
Ion Ratio Lower Upper
152 100
150 158.5 125.7 188.5
115 58.4 46.4 69.6



#5
2-Fluorophenol
Concen: 80.624 ng
RT: 5.296 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:112 Resp: 1556691
Ion Ratio Lower Upper
112 100
64 57.3 47.4 71.2
63 29.3 24.2 36.4

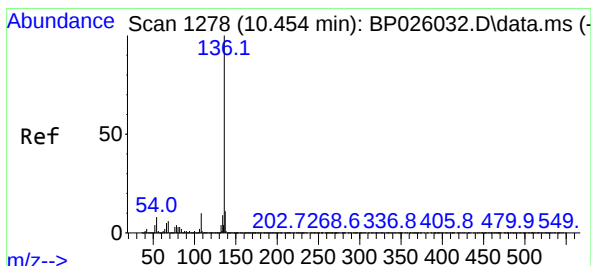
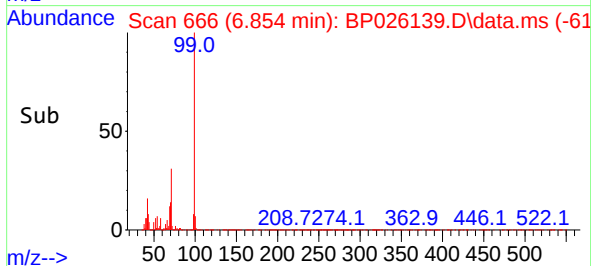
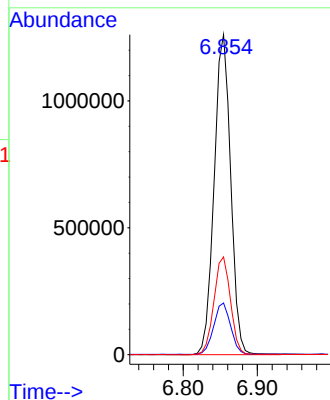
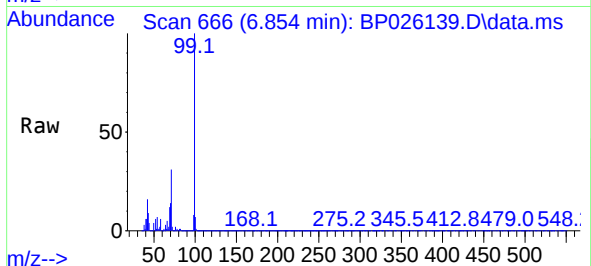




#7
Phenol-d6
Concen: 79.494 ng
RT: 6.854 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

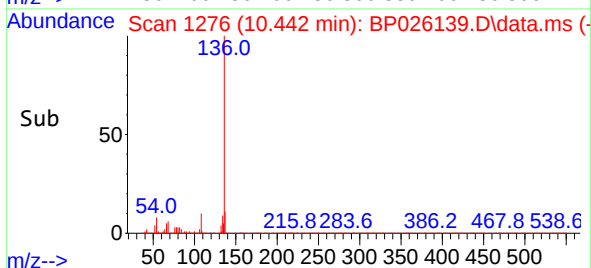
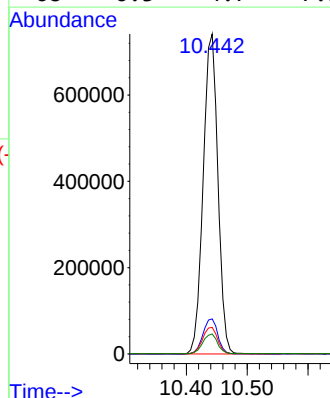
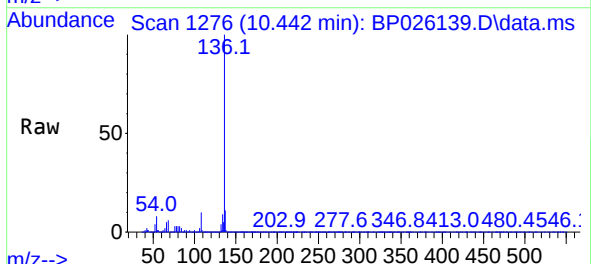
Instrument :
BNA_P
ClientSampleId :
VNJ-208

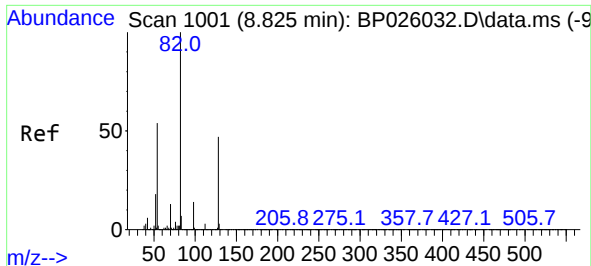
Tgt Ion: 99 Resp: 1953579
Ion Ratio Lower Upper
99 100
42 16.2 13.7 20.5
71 30.6 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.442 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:136 Resp: 1241424
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.3 6.6 10.0
68 6.3 4.7 7.1

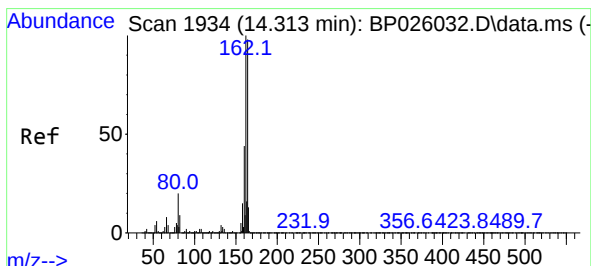
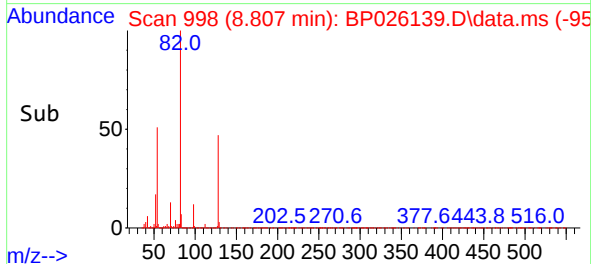
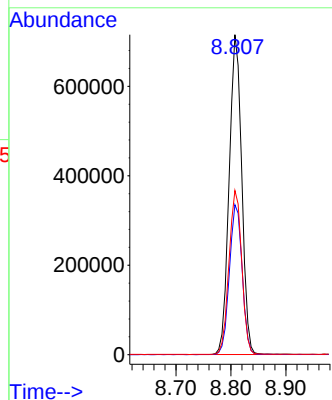
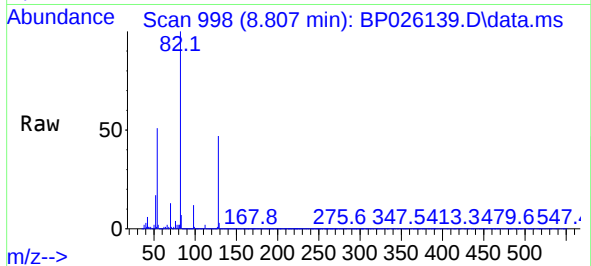




#23
Nitrobenzene-d5
Concen: 57.084 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.018 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

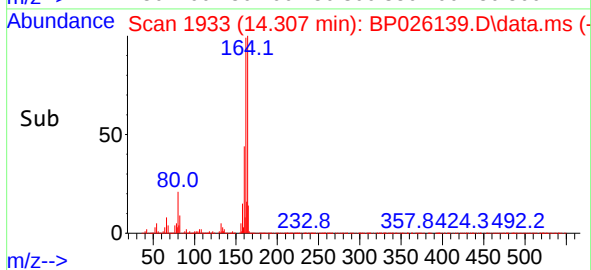
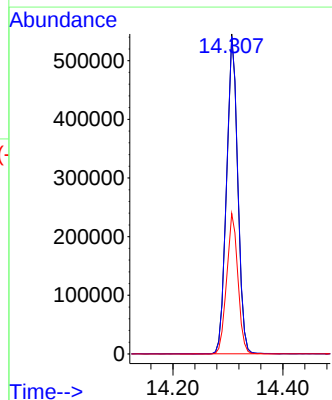
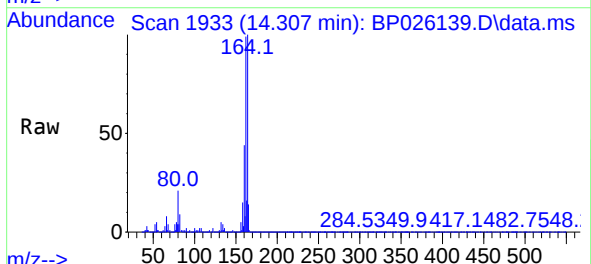
Instrument :
BNA_P
ClientSampleId :
VNJ-208

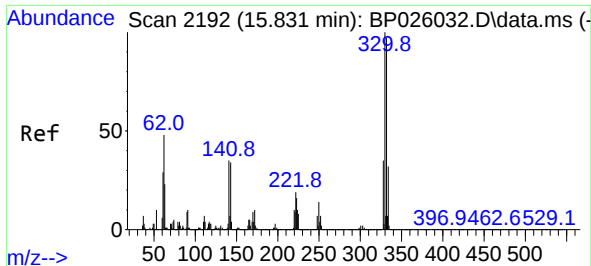
Tgt Ion: 82 Resp: 1136760
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.0
54 51.3 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion: 164 Resp: 765686
Ion Ratio Lower Upper
164 100
162 99.2 81.5 122.3
160 43.9 36.2 54.4

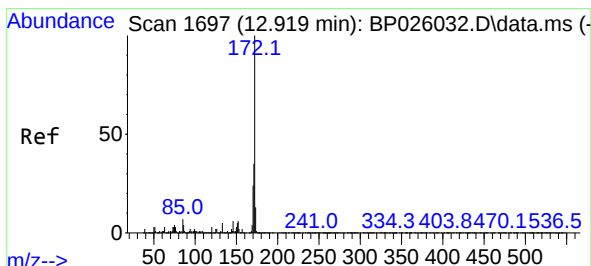
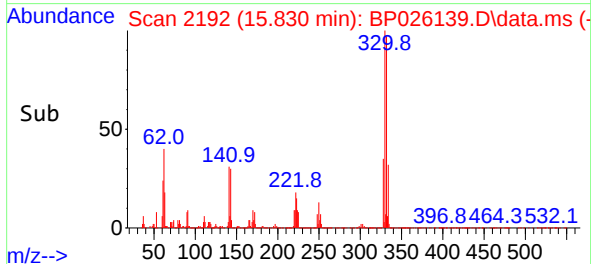
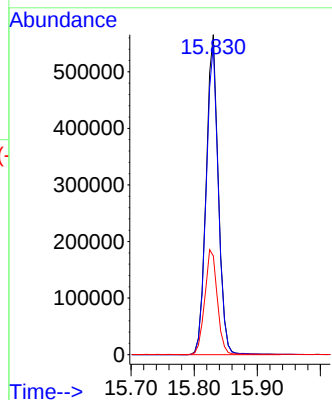
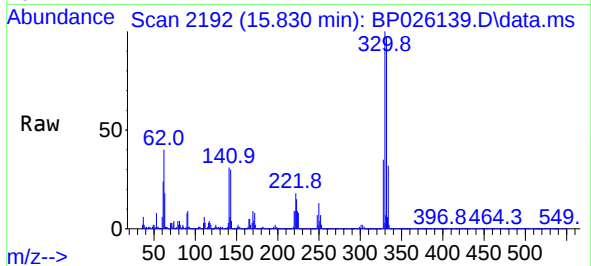




#42
2,4,6-Tribromophenol
Concen: 91.874 ng
RT: 15.830 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

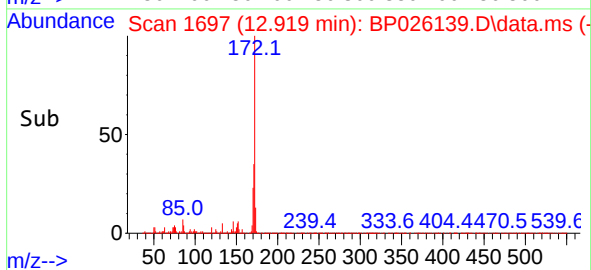
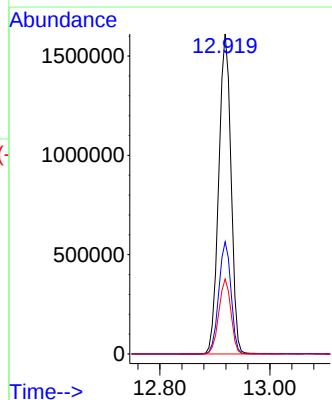
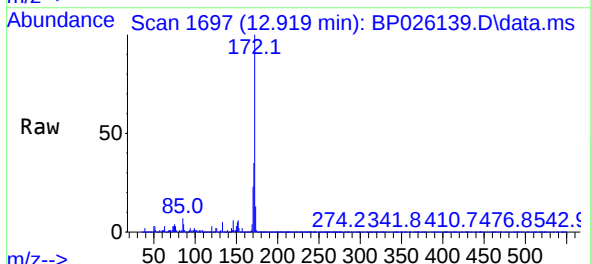
Instrument :
BNA_P
ClientSampleId :
VNJ-208

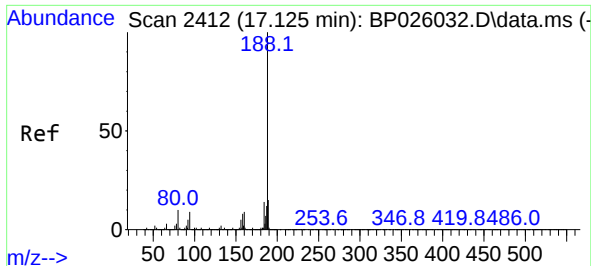
Tgt Ion:330 Resp: 760517
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 33.7 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 46.892 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:172 Resp: 2498684
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.4 19.0 28.4

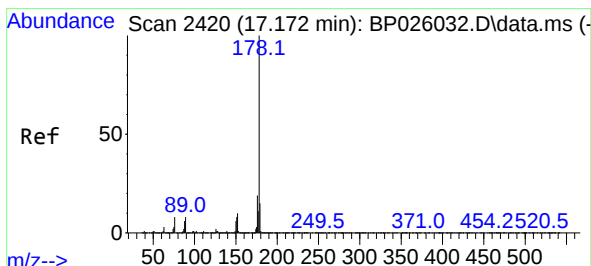
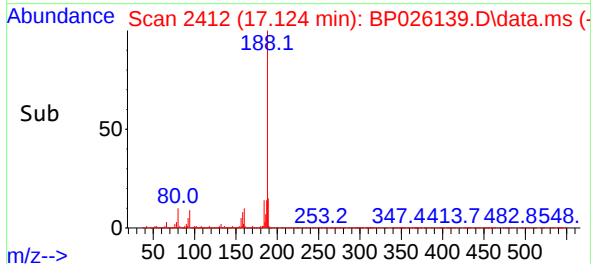
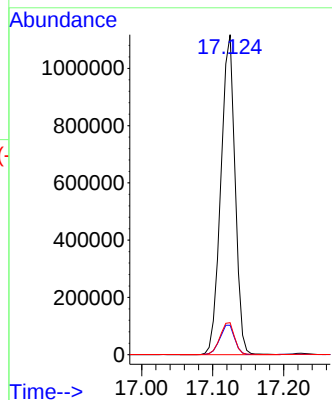
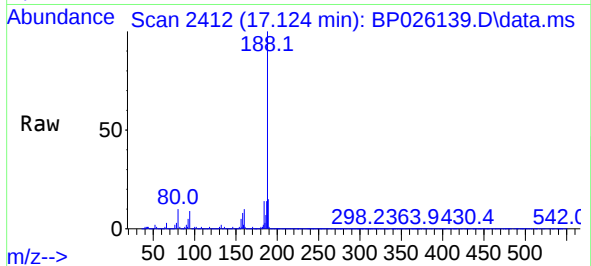




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.124 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

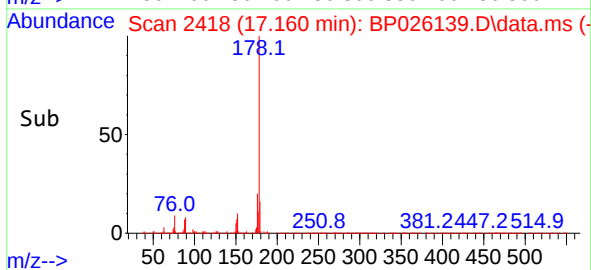
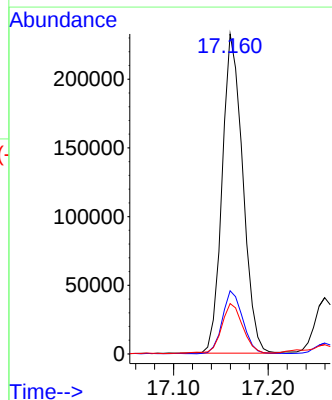
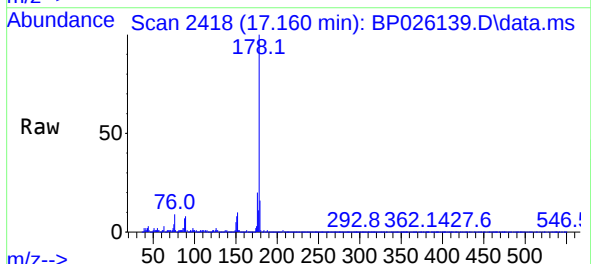
Instrument :
BNA_P
ClientSampleId :
VNJ-208

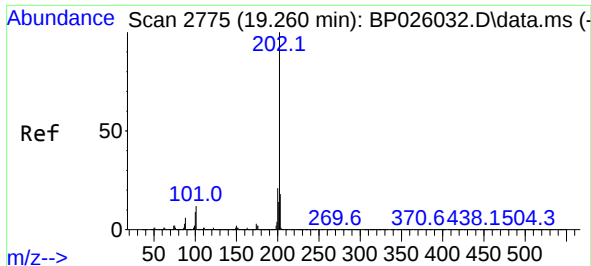
Tgt Ion:188 Resp: 1546246
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 10.0 7.9 11.9



#71
Phenanthrene
Concen: 3.908 ng
RT: 17.160 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:178 Resp: 351729
Ion Ratio Lower Upper
178 100
176 19.8 15.3 22.9
179 15.7 12.3 18.5

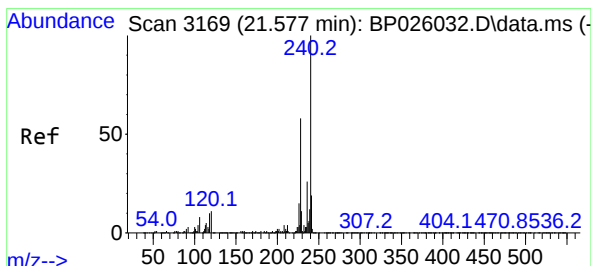
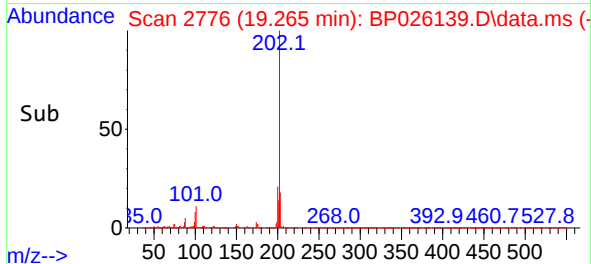
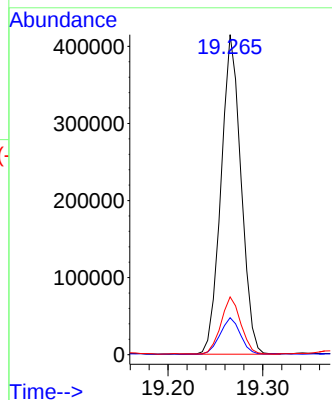
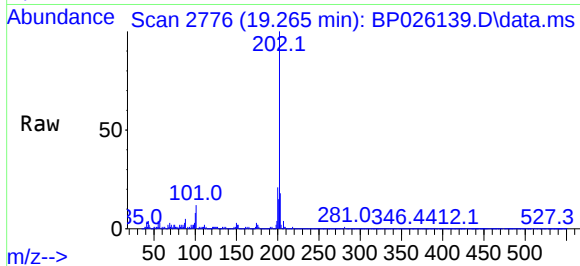




#75
Fluoranthene
Concen: 5.808 ng
RT: 19.265 min Scan# 21
Delta R.T. 0.005 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

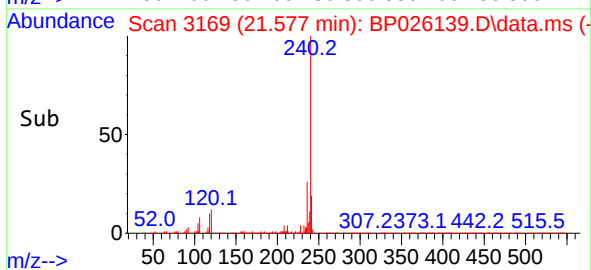
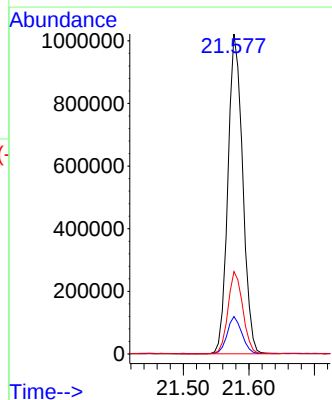
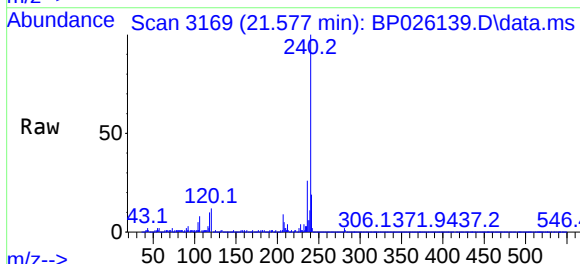
Instrument :
BNA_P
ClientSampleId :
VNJ-208

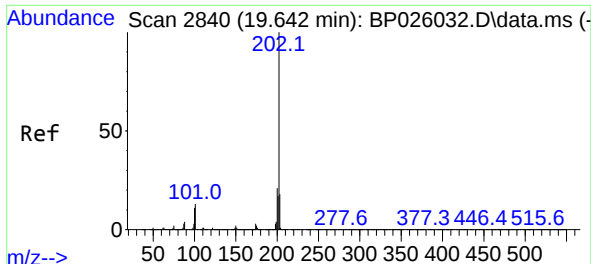
Tgt Ion:202 Resp: 609718
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.1
203 18.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:240 Resp: 1590403
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.8 20.6 31.0

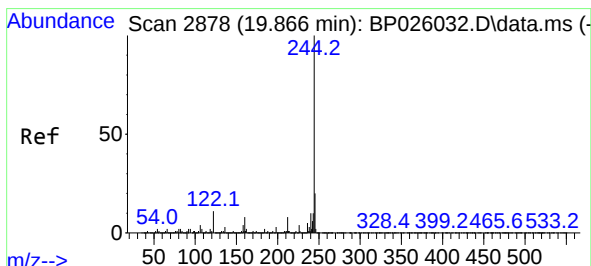
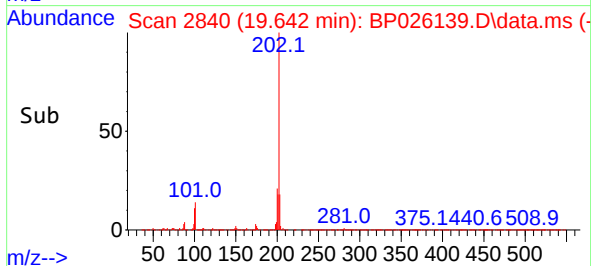
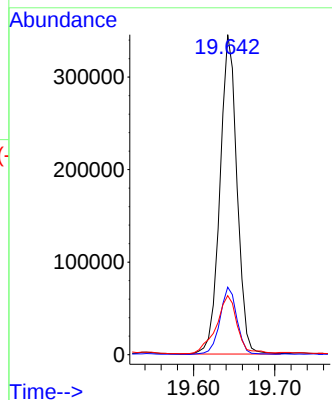
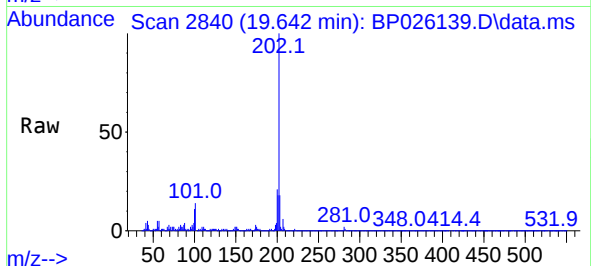




#78
Pyrene
Concen: 4.684 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

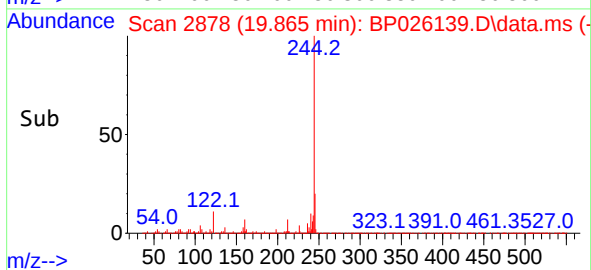
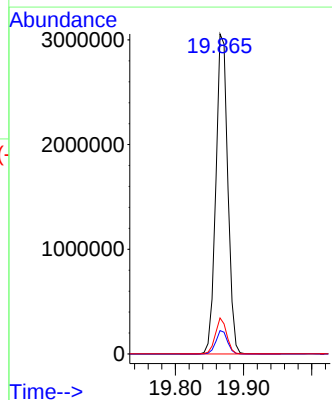
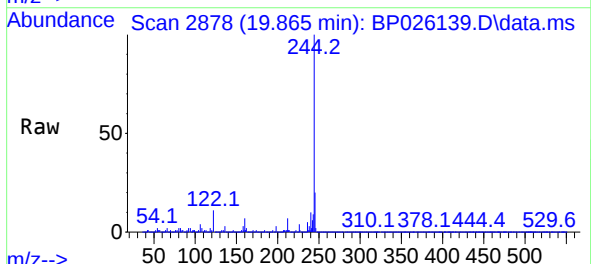
Instrument :
BNA_P
ClientSampleId :
VNJ-208

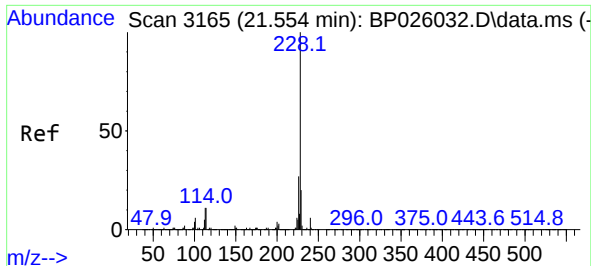
Tgt Ion:202 Resp: 503818
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 18.4 14.0 21.0



#79
Terphenyl-d14
Concen: 47.419 ng
RT: 19.865 min Scan# 2878
Delta R.T. -0.000 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:244 Resp: 3711942
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 11.3 9.0 13.6

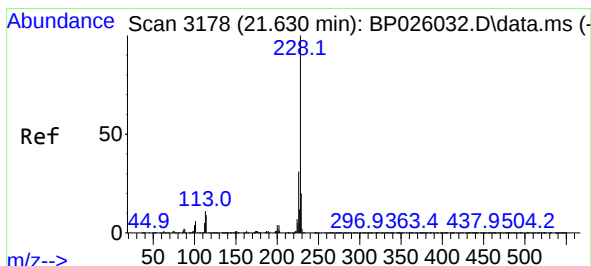
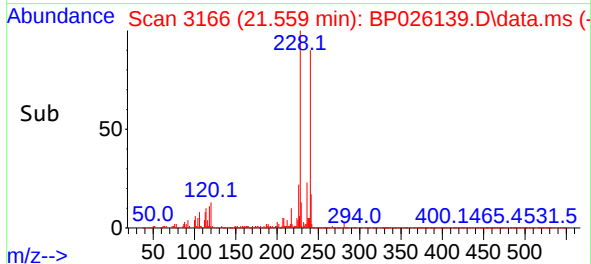
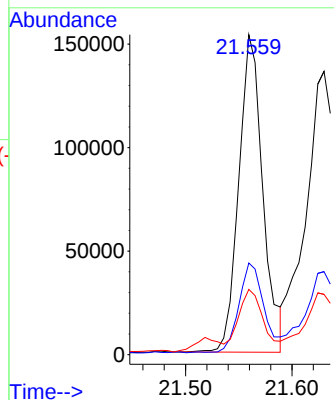
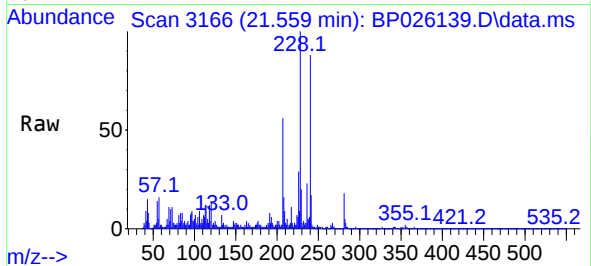




#81
Benzo(a)anthracene
Concen: 2.206 ng
RT: 21.559 min Scan# 3166
Delta R.T. 0.011 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

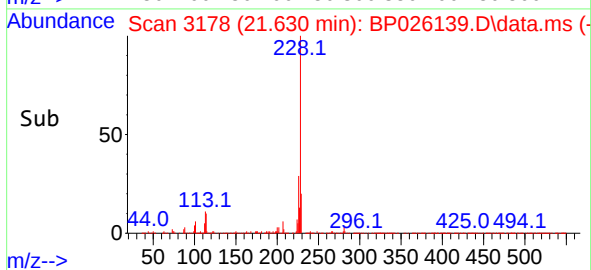
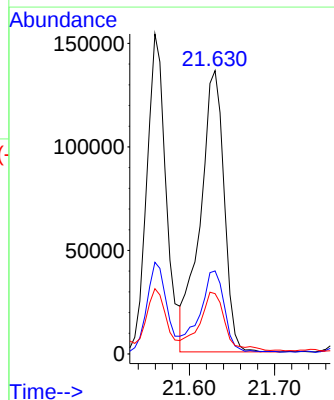
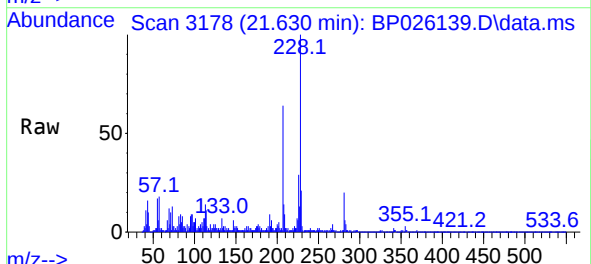
Instrument :
BNA_P
ClientSampleId :
VNJ-208

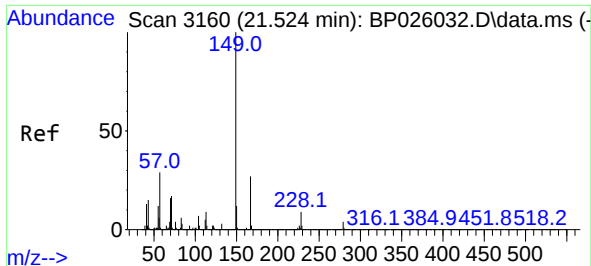
Tgt Ion:228 Resp: 241057
Ion Ratio Lower Upper
228 100
226 28.7 21.7 32.5
229 20.4 15.8 23.8



#83
Chrysene
Concen: 2.563 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:228 Resp: 265309
Ion Ratio Lower Upper
228 100
226 29.3 24.4 36.6
229 21.3 16.0 24.0

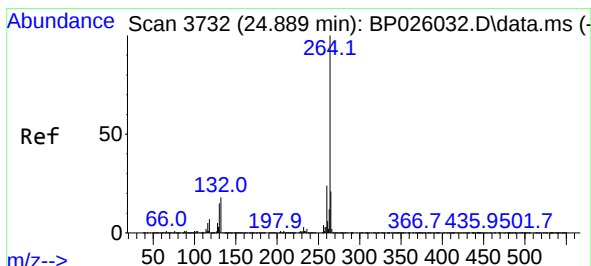
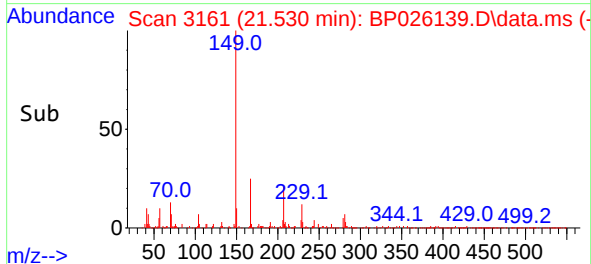
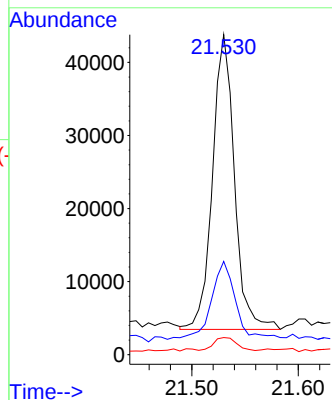
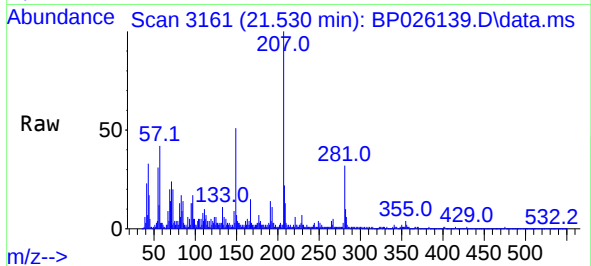




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.449 ng
RT: 21.530 min Scan# 3160
Delta R.T. 0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

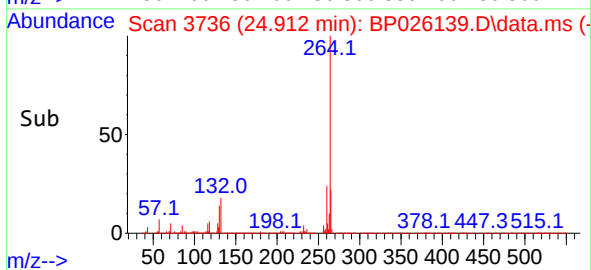
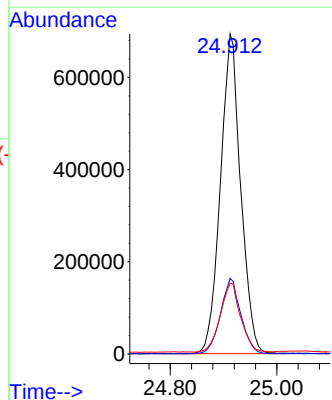
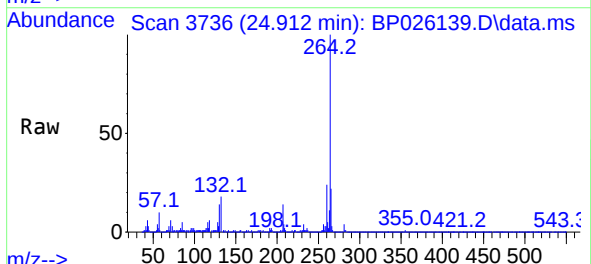
Instrument :
BNA_P
ClientSampleId :
VNJ-208

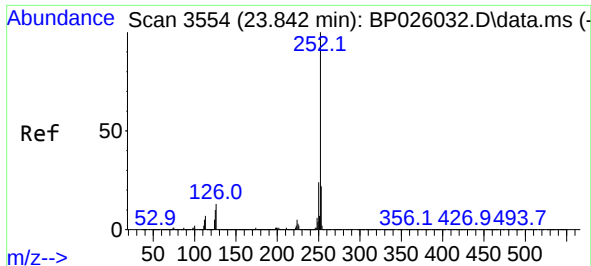
Tgt Ion:149 Resp: 57712
Ion Ratio Lower Upper
149 100
167 29.1 21.5 32.3
279 5.4 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 3736
Delta R.T. 0.029 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:264 Resp: 1828354
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 22.2 17.2 25.8

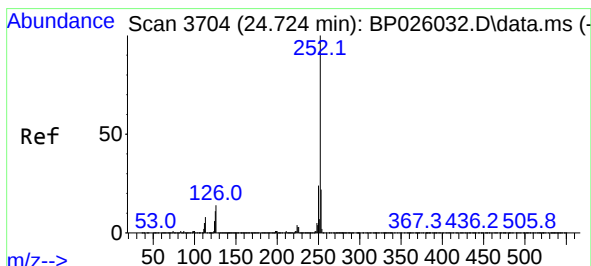
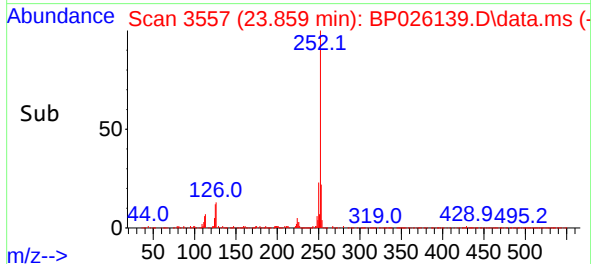
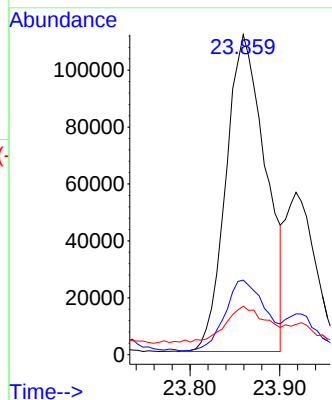
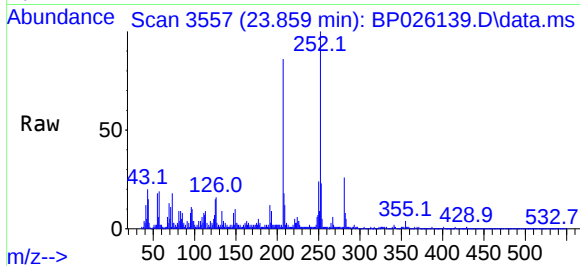




#88
Benzo(b)fluoranthene
Concen: 3.016 ng
RT: 23.859 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Instrument :
BNA_P
ClientSampleId :
VNJ-208

Tgt Ion:252 Resp: 342366
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 15.2 8.1 12.1#



#90
Benzo(a)pyrene
Concen: 2.174 ng
RT: 24.753 min Scan# 3709
Delta R.T. 0.012 min
Lab File: BP026139.D
Acq: 14 Nov 2025 13:52

Tgt Ion:252 Resp: 226675
Ion Ratio Lower Upper
252 100
253 24.5 17.3 25.9
125 13.2 9.1 13.7

