

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
 Data File : BP025994.D
 Acq On : 21 Oct 2025 20:22
 Operator : RC/JU
 Sample : Q3381-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-245

Quant Time: Oct 22 10:50:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 15 23:48:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	175411	20.00	ng	0.00
21) Naphthalene-d8	10.472	136	662634	20.00	ng	0.01
39) Acenaphthene-d10	14.319	164	424321	20.00	ng	0.00
64) Phenanthrene-d10	17.142	188	830331	20.00	ng	0.02
76) Chrysene-d12	21.583	240	700626	20.00	ng	0.00
86) Perylene-d12	24.924	264	720424	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	1368550	127.92	ng	0.00
7) Phenol-d6	6.907	99	1602499	107.33	ng	0.00
23) Nitrobenzene-d5	8.848	82	1201775	81.52	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	698189	122.22	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	2575101	77.79	ng	0.00
79) Terphenyl-d14	19.854	244	3858928	88.03	ng	0.00

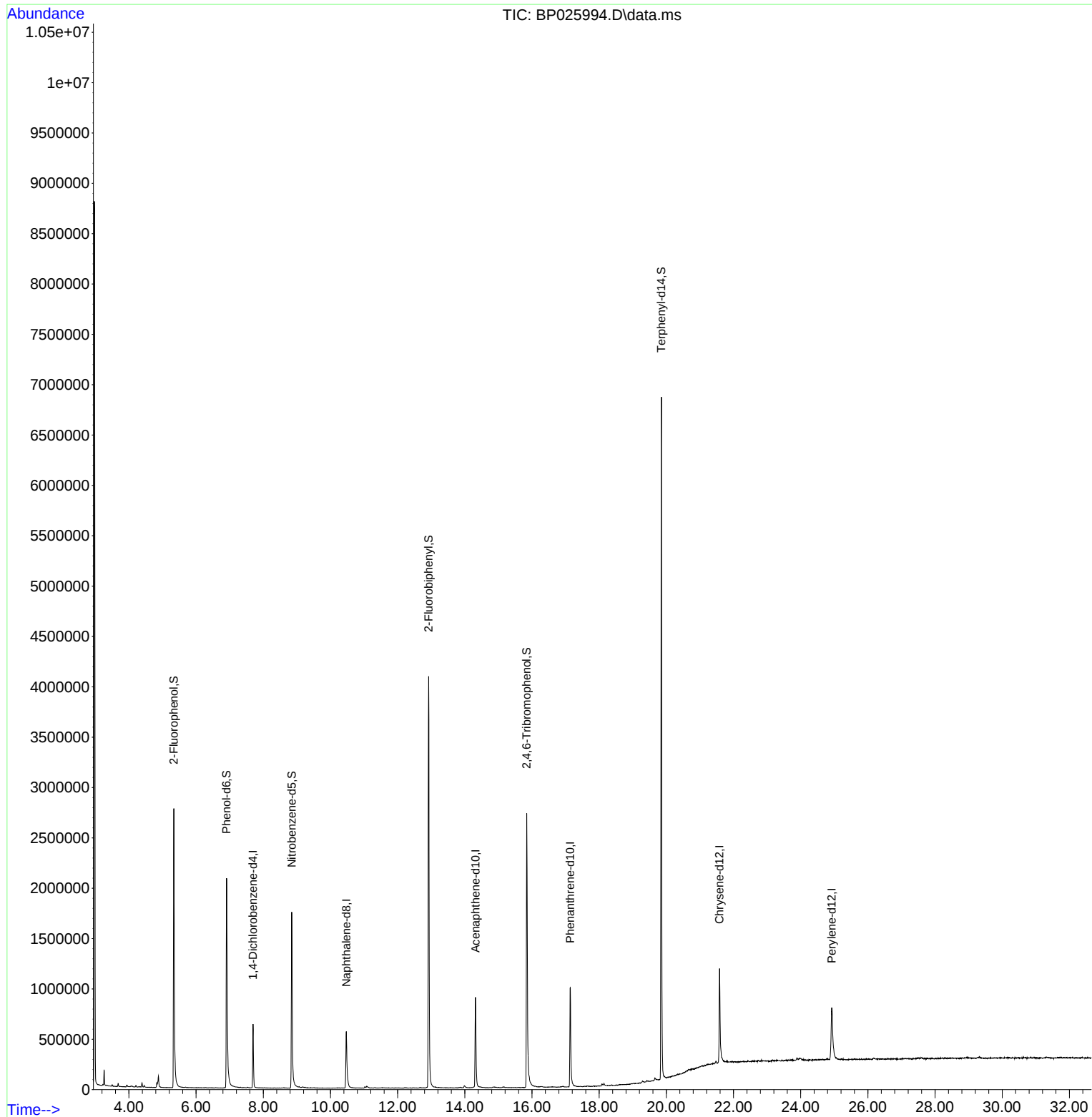
Target Compounds	Qvalue

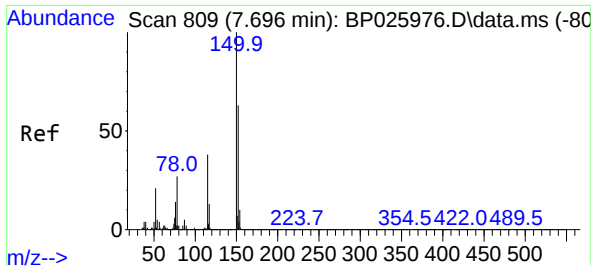
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

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QLast Update : Wed Oct 15 23:48:51 2025
Response via : Initial Calibration

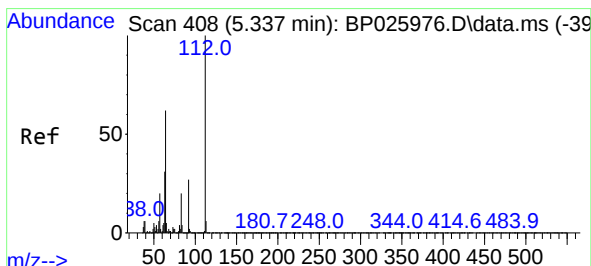
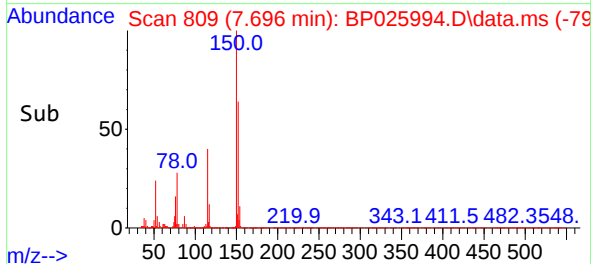
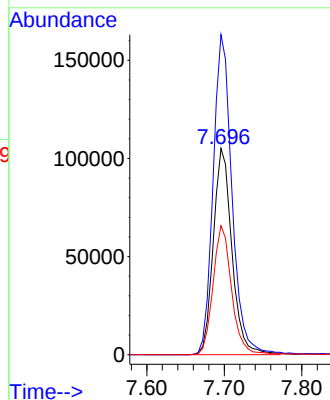
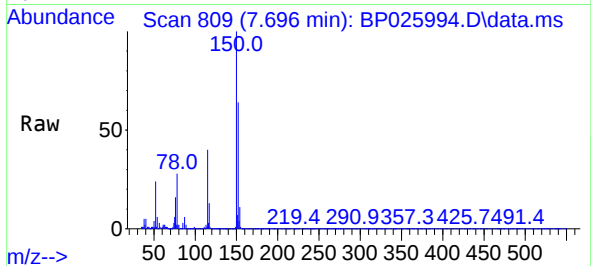




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025994.D
Acq: 21 Oct 2025 20:22

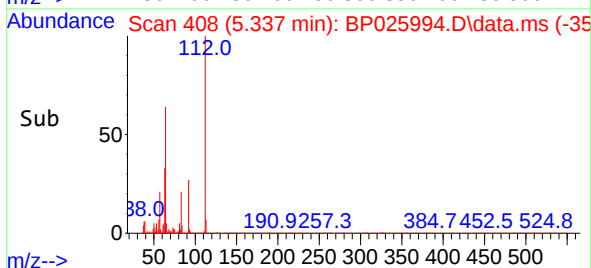
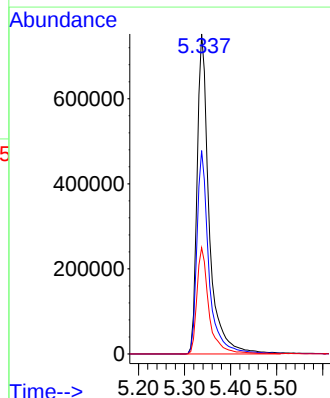
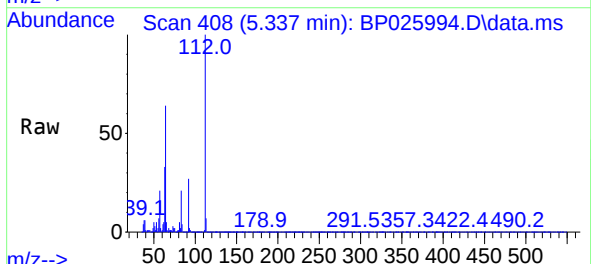
Instrument :
BNA_P
ClientSampleId :
VNJ-245

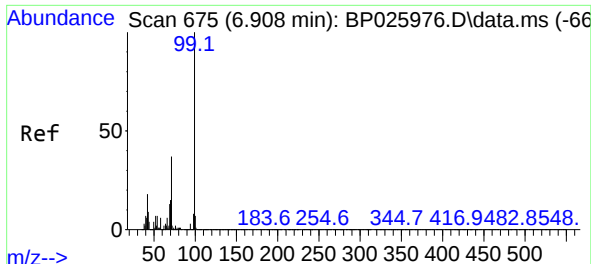
Tgt Ion:152 Resp: 175411
Ion Ratio Lower Upper
152 100
150 155.2 127.3 190.9
115 62.5 48.7 73.1



#5
2-Fluorophenol
Concen: 127.92 ng
RT: 5.337 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP025994.D
Acq: 21 Oct 2025 20:22

Tgt Ion:112 Resp: 1368550
Ion Ratio Lower Upper
112 100
64 63.5 49.9 74.9
63 33.2 24.9 37.3

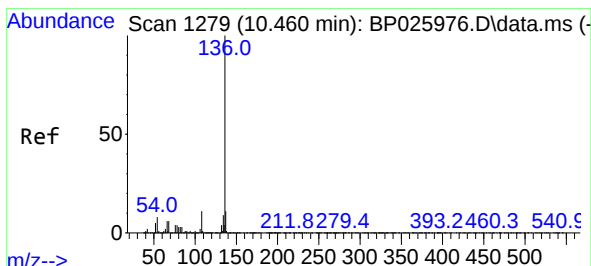
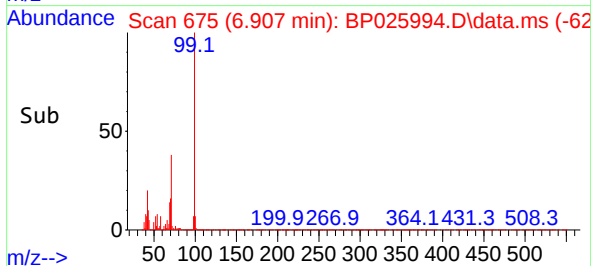
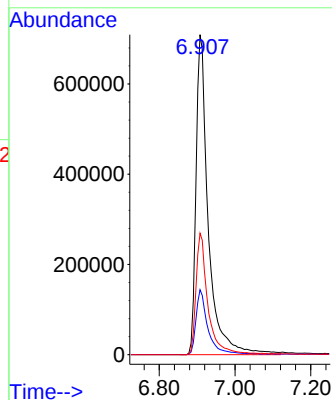
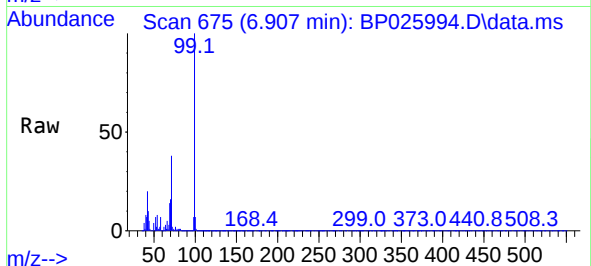




#7
Phenol-d6
Concen: 107.33 ng
RT: 6.907 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025994.D
Acq: 21 Oct 2025 20:22

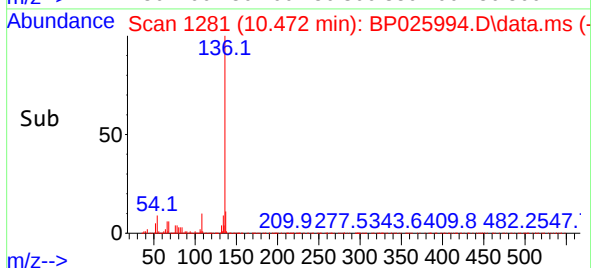
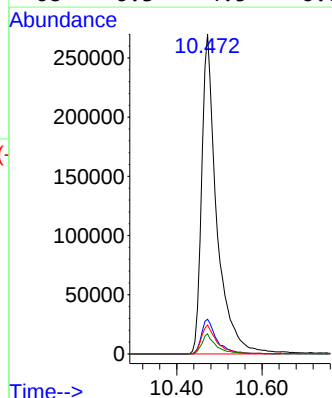
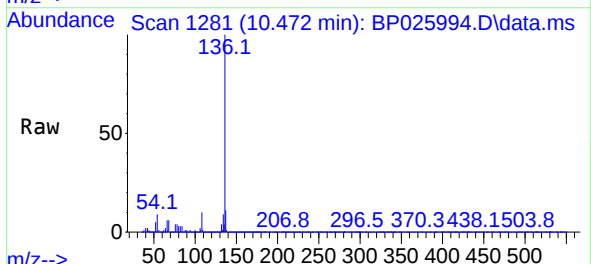
Instrument :
BNA_P
ClientSampleId :
VNJ-245

Tgt Ion: 99 Resp: 1602499
Ion Ratio Lower Upper
99 100
42 20.3 14.2 21.4
71 37.9 29.4 44.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.472 min Scan# 1281
Delta R.T. 0.012 min
Lab File: BP025994.D
Acq: 21 Oct 2025 20:22

Tgt Ion:136 Resp: 662634
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.0 6.8 10.2
68 6.3 4.5 6.7



Abundance Scan 1005 (8.849 min): BP025976.D\data.ms (-9 #23

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125.D\data.ms (-8 Nitrobenzene-d5

Data File : BP025984.D

Concen: 81.52 ng

Acq On : 21 Oct 2025 13:18

RT: 8.848 min Scan# 1

Operator : 5RC/JU

Delta R.T. -0.000 min

Sample : PB170182BL

Lab File: BP025994.D

Misc :

Acq: 21 Oct 2025 20:22

ALS Vial : 3 Sample 189.3255.1323.1394.0459.8534.0

m/z--> 50 100 150 200 250 300 350 400 450 500

Quant Time: Oct 21 13:39:03 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 15 23:48:51 2025

Response view: Initial Calibration

Tgt Ion: 82 Resp: 1201775

Ion Ratio Lower Upper

82.0E-000 0.1525.M

2.5 33.6 50.4

54 53.8 40.6 61.0

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards	162.6	290.0	364.0	430.3	496.1	

m/z--> 50 100 150 200 250 300 350 400 450 500

1) 1,4-Dichlorobenzene-d4 7.702 152 140127 20.00 ng 0.00

21) Naphthalene-d8 10.478 136 522974 20.00 ng 0.02

39) Acenaphthene-d10 14.331 164 330994 20.00 ng 0.01

64) Phenanthrene-d10 17.142 188 651014 20.00 ng 0.02

76) Subrysene-d12 21.601 240 728936 20.00 ng 0.02

86) Perylene-d12 24.936 264 779270 20.00 ng 0.02

System Monitoring Compounds

5) 2-Fluorophenol 189.3255.1323.1394.0459.8534.0 1178355 137.87 ng 0.00

7) Phenol-d6 9.404 300 1429517 119.85 ng 0.00

23) Nitrobenzene-d5 8.855 82 911001 78.30 ng 0.00

42) 2,4,6-Tribromophenol 15.848 330 537951 120.73 ng 0.00

45) 2-Fluorobiphenyl 12.925 172 2104254 81.48 ng 0.00

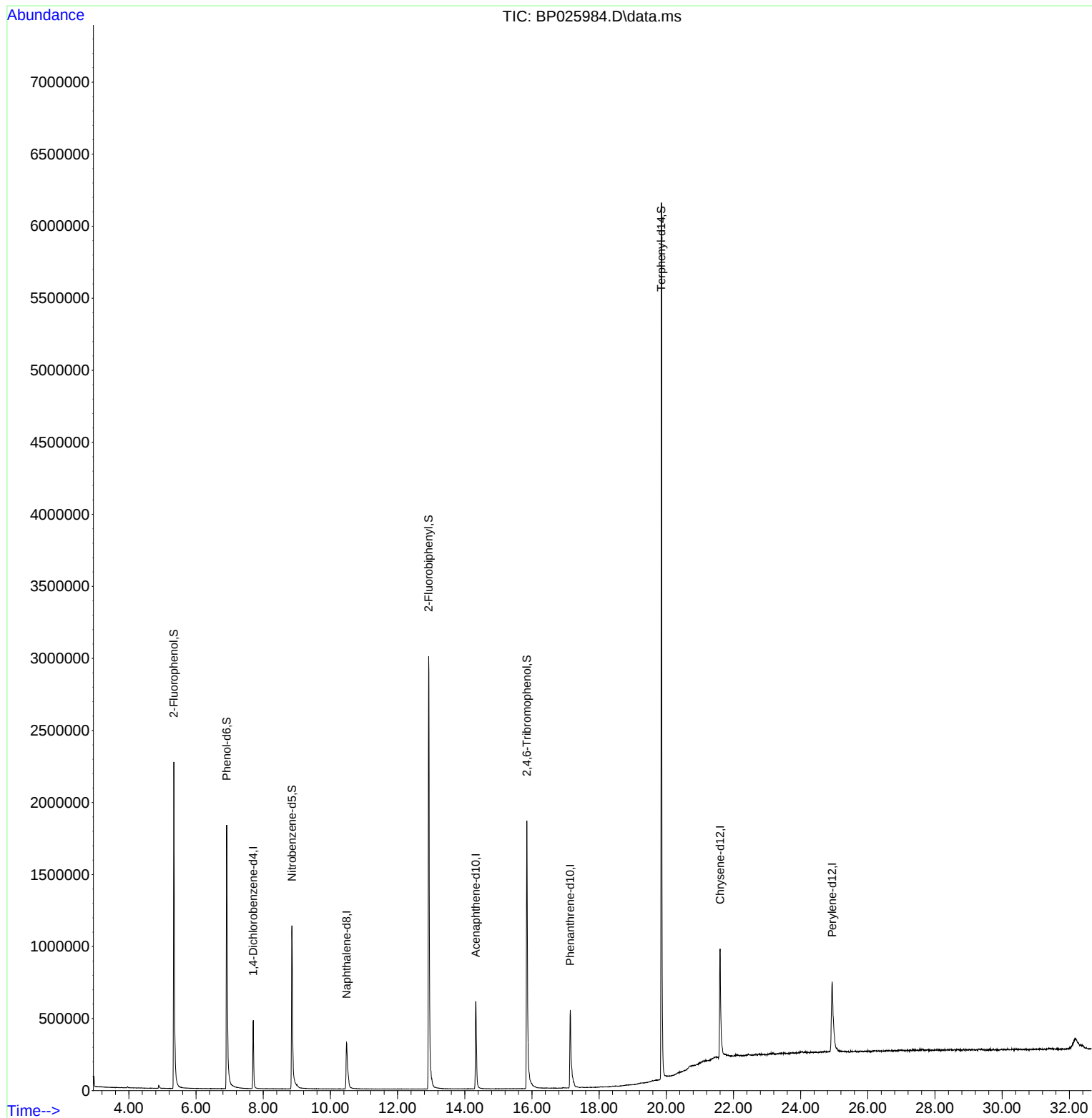
79) Terphenyl-d14 19.854 244 3376802 74.04 ng 0.00

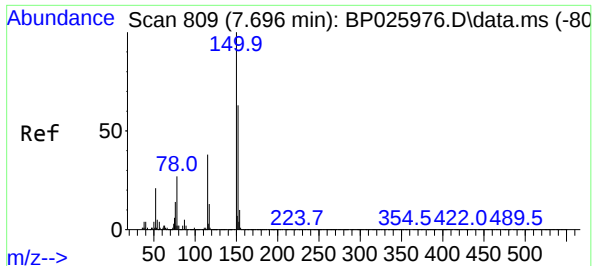
Target Compounds	Qvalue
(#) = qualifier out of range (m) = manual integration (+) = signals summed	

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
Data File : BP025984.D
Acq On : 21 Oct 2025 13:18
Operator : RC/JU
Sample : PB170182BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-245

Quant Time: Oct 21 13:39:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:48:51 2025
Response via : Initial Calibration

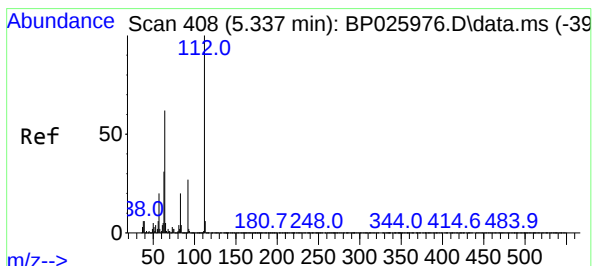
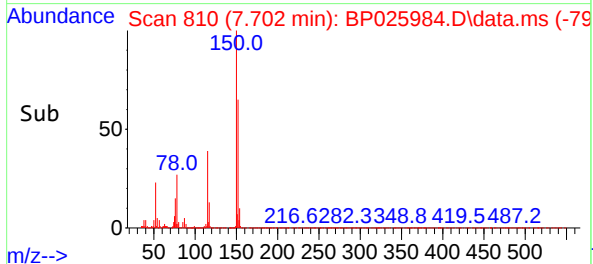
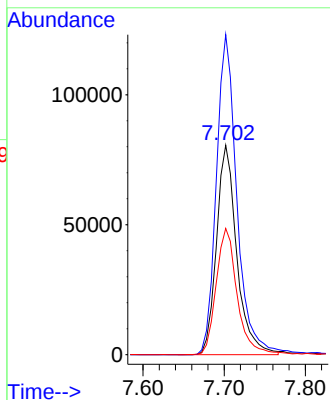
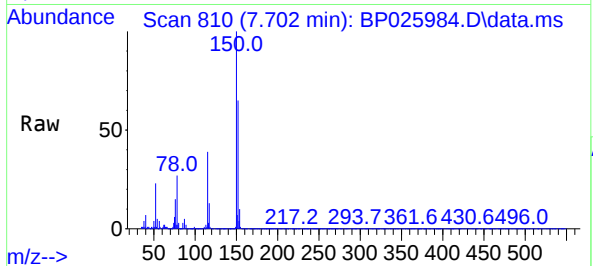




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.702 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

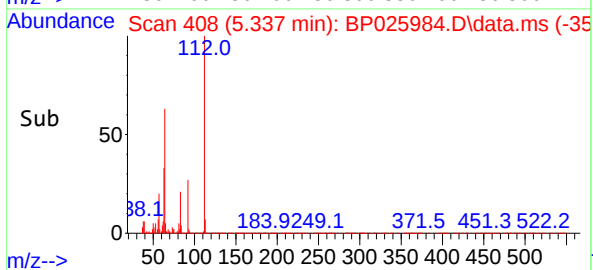
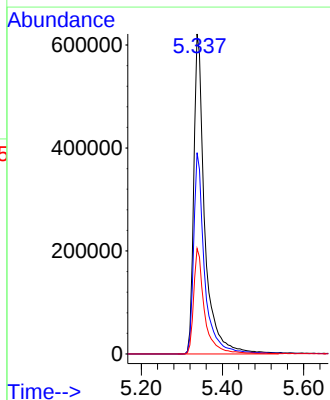
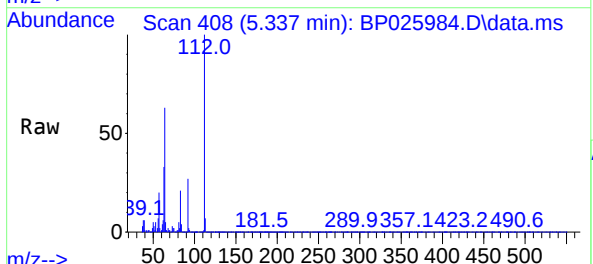
Instrument :
BNA_P
ClientSampleId :
VNJ-245

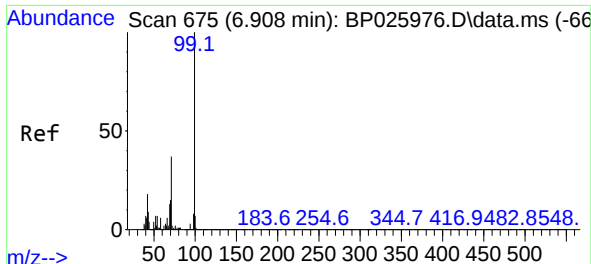
Tgt Ion:152 Resp: 140127
Ion Ratio Lower Upper
152 100
150 152.8 127.3 190.9
115 60.3 48.7 73.1



#5
2-Fluorophenol
Concen: 137.87 ng
RT: 5.337 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

Tgt Ion:112 Resp: 1178355
Ion Ratio Lower Upper
112 100
64 62.9 49.9 74.9
63 33.0 24.9 37.3

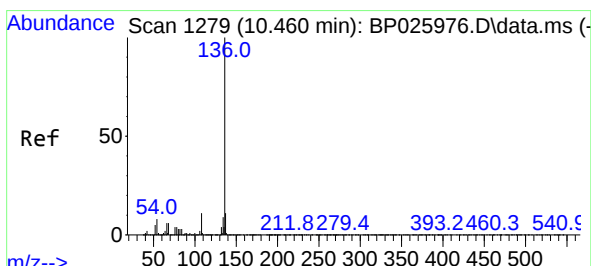
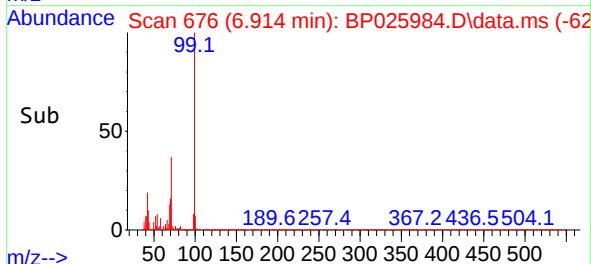
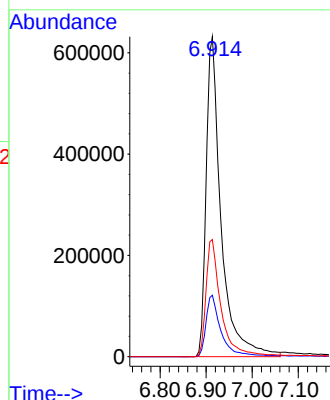
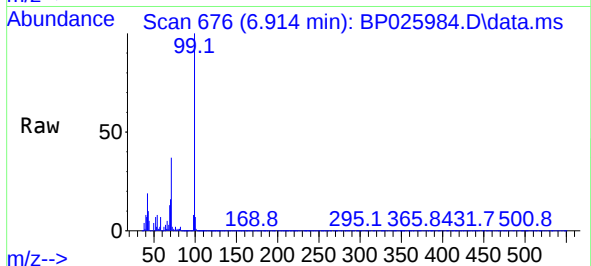




#7
Phenol-d6
Concen: 119.85 ng
RT: 6.914 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

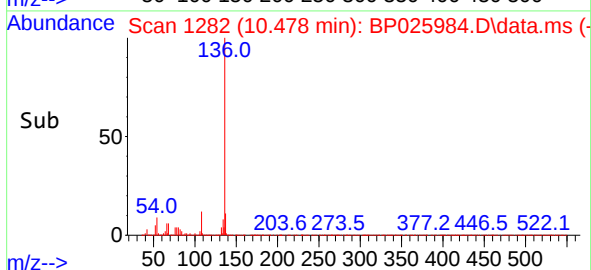
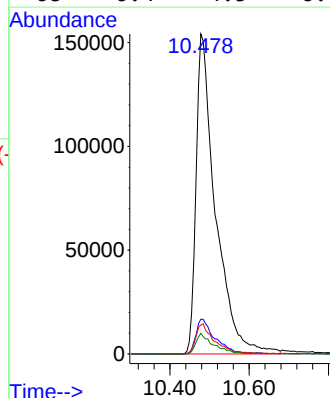
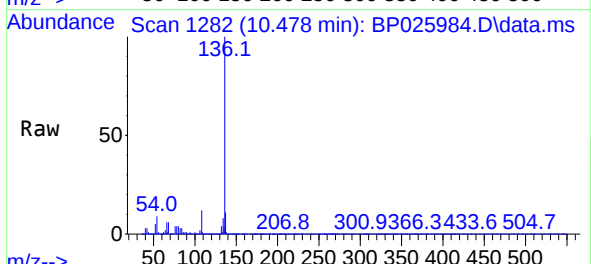
Instrument :
BNA_P
ClientSampleId :
VNJ-245

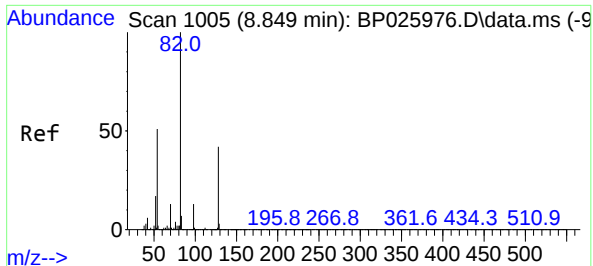
Tgt Ion: 99 Resp: 1429517
Ion Ratio Lower Upper
99 100
42 19.2 14.2 21.4
71 36.6 29.4 44.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.478 min Scan# 1282
Delta R.T. 0.018 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

Tgt Ion: 136 Resp: 522974
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.1 6.8 10.2
68 6.4 4.5 6.7

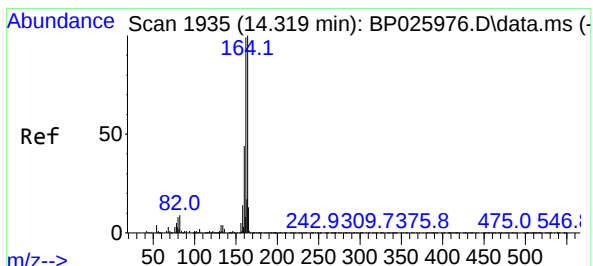
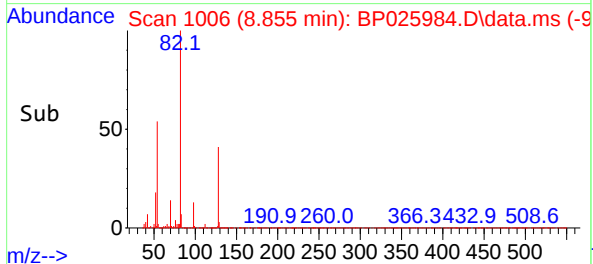
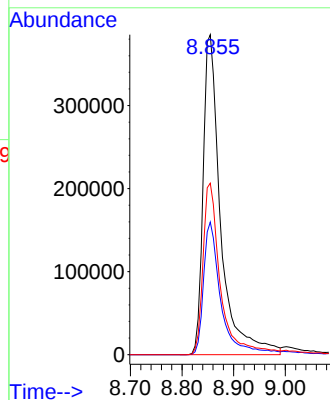
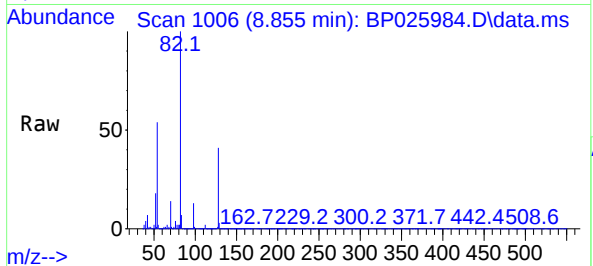




#23
Nitrobenzene-d5
Concen: 78.30 ng
RT: 8.855 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

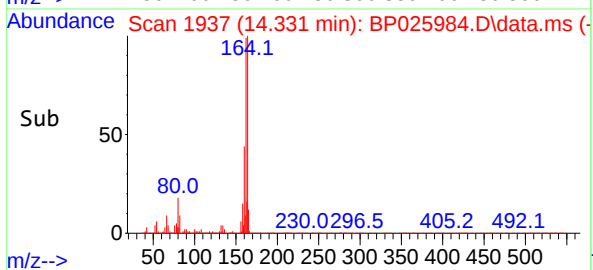
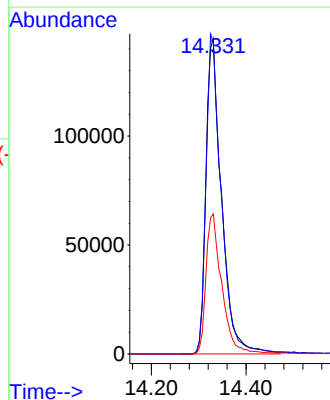
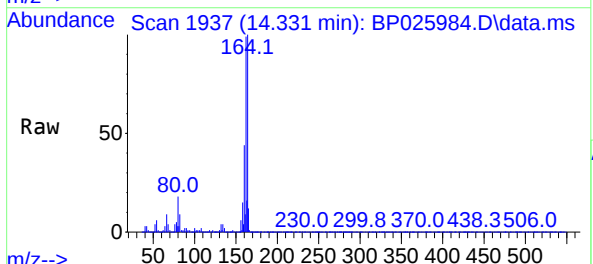
Instrument :
BNA_P
ClientSampleId :
VNJ-245

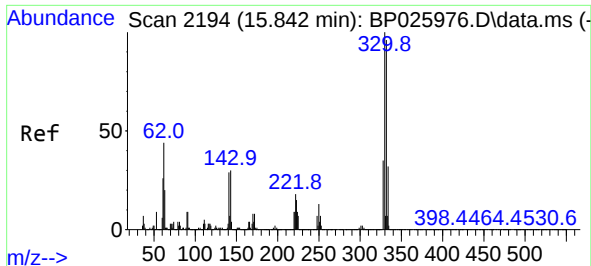
Tgt Ion: 82 Resp: 911001
Ion Ratio Lower Upper
82 100
128 41.4 33.6 50.4
54 53.6 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.331 min Scan# 1937
Delta R.T. 0.012 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

Tgt Ion: 164 Resp: 330994
Ion Ratio Lower Upper
164 100
162 98.6 79.3 118.9
160 44.5 35.4 53.0

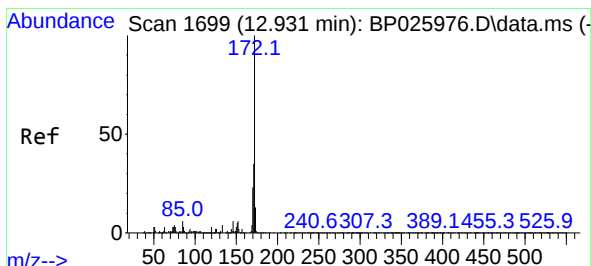
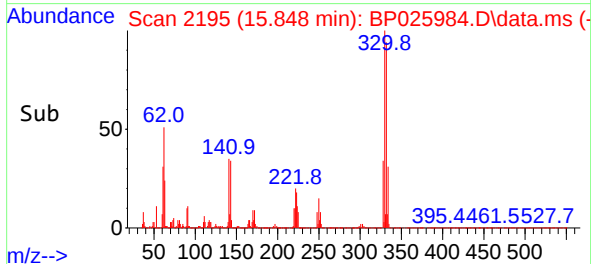
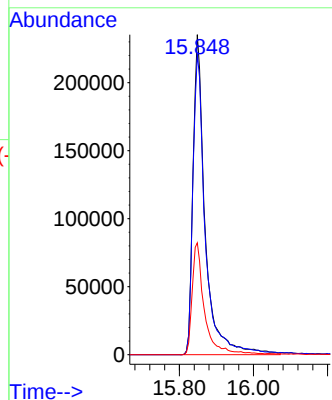
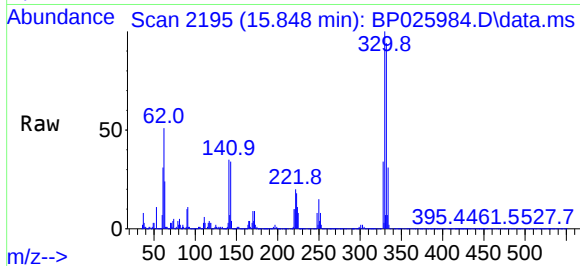




#42
2,4,6-Tribromophenol
Concen: 120.73 ng
RT: 15.848 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

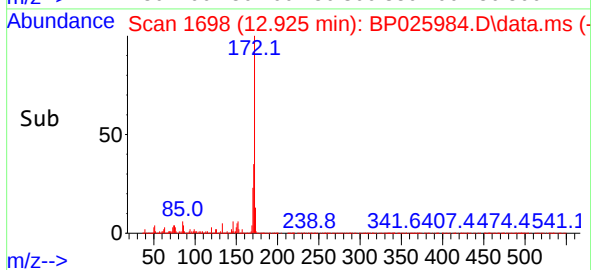
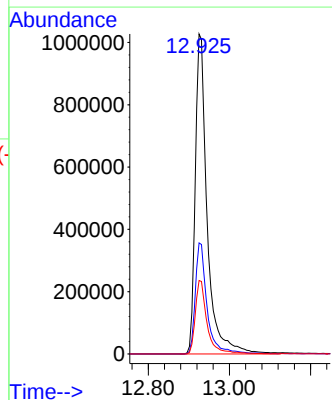
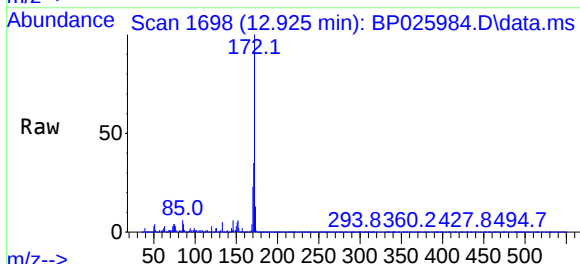
Instrument :
BNA_P
ClientSampleId :
VNJ-245

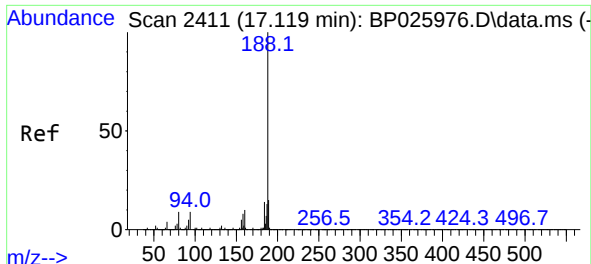
Tgt Ion:330 Resp: 537951
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 35.3 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 81.48 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

Tgt Ion:172 Resp: 2104254
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.0 18.5 27.7

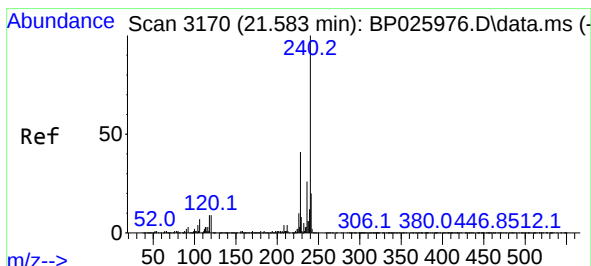
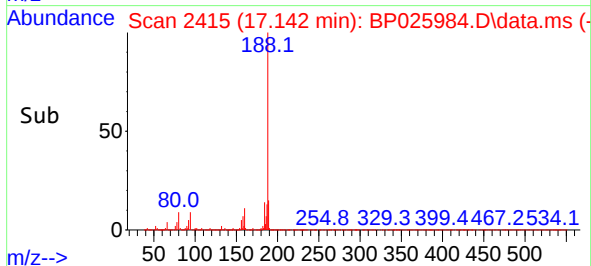
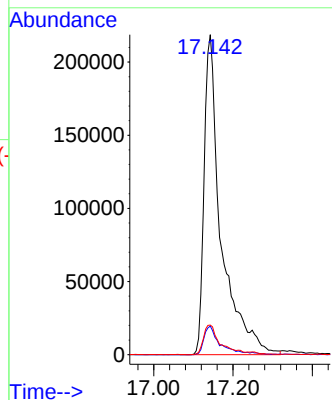
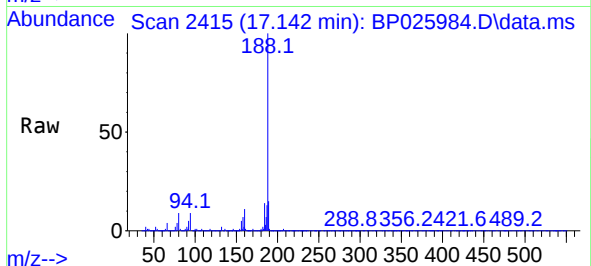




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.142 min Scan# 2415
Delta R.T. 0.024 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

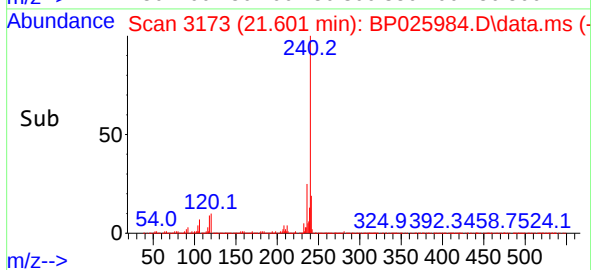
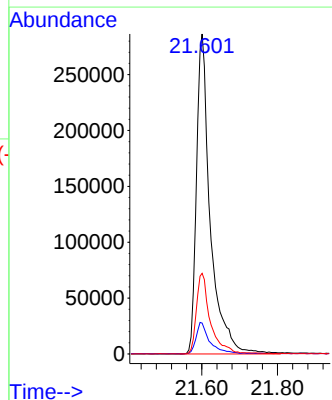
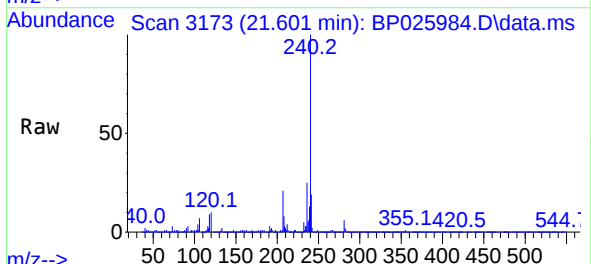
Instrument :
BNA_P
ClientSampleId :
VNJ-245

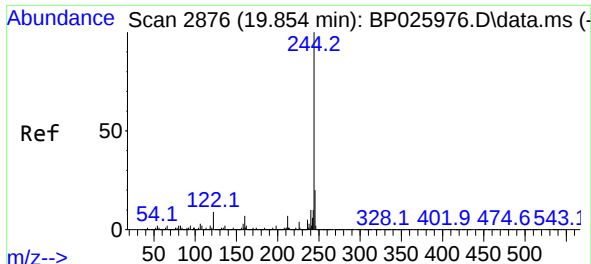
Tgt Ion:188 Resp: 651014
Ion Ratio Lower Upper
188 100
94 8.9 6.8 10.2
80 9.2 7.2 10.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.601 min Scan# 3173
Delta R.T. 0.018 min
Lab File: BP025984.D
Acq: 21 Oct 2025 13:18

Tgt Ion:240 Resp: 728936
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 25.2 20.4 30.6



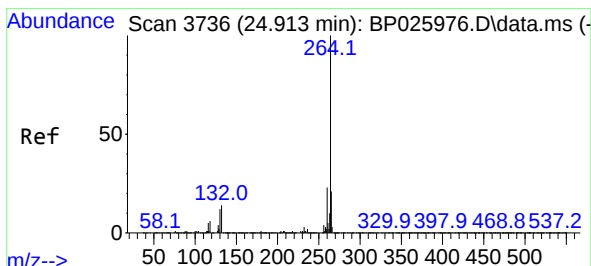
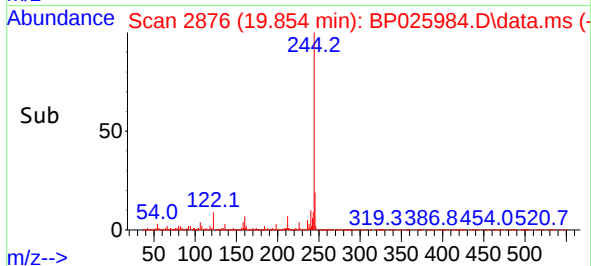
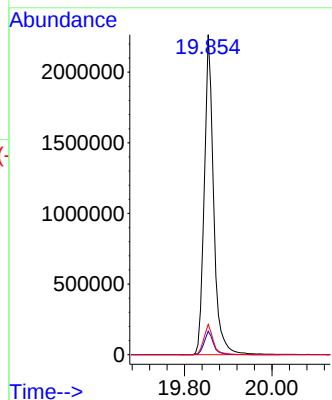
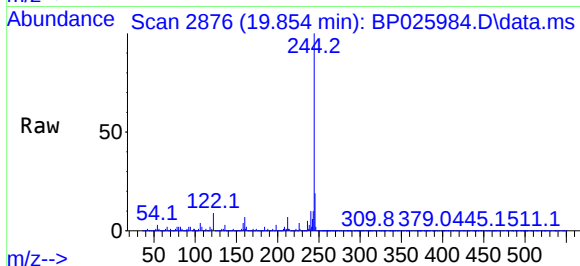


#79
 Terphenyl-d14
 Concen: 74.04 ng
 RT: 19.854 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025984.D
 Acq: 21 Oct 2025 13:18

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-245

Tgt Ion:244 Resp: 3376802

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	9.5	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.936 min Scan# 3740
 Delta R.T. 0.024 min
 Lab File: BP025984.D
 Acq: 21 Oct 2025 13:18

Tgt Ion:264 Resp: 779270

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	22.2	17.7	26.5

