

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011525\
 Data File : BN035927.D
 Acq On : 15 Jan 2025 11:03
 Operator : RC/JU
 Sample : PB166053BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166053BL

Quant Time: Jan 15 11:51:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 15:39:17 2025
 Response via : Initial Calibration

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

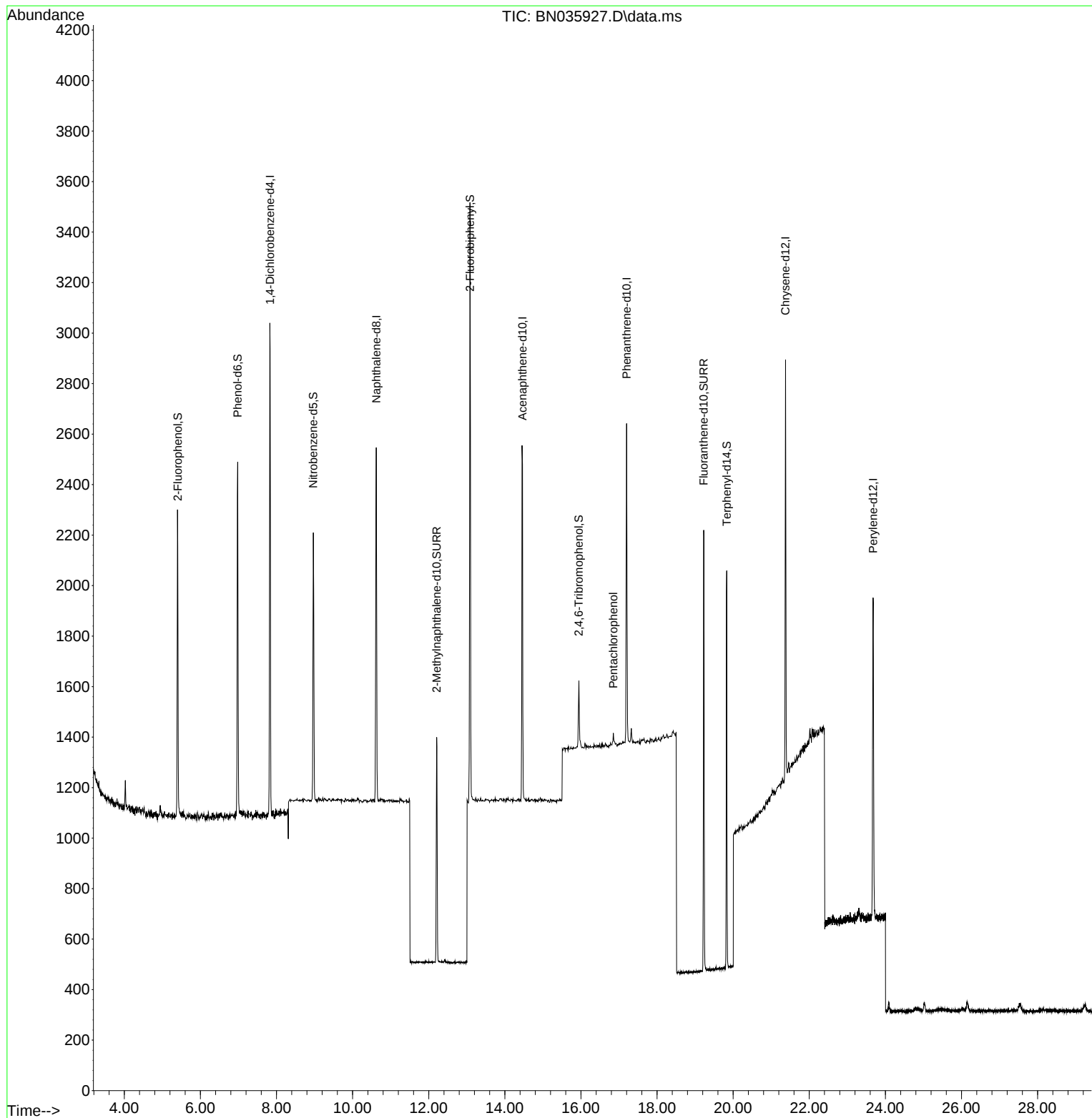
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	922	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1746	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	846	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	1699	0.400	ng	-0.01
29) Chrysene-d12	21.376	240	1454	0.400	ng	0.00
35) Perylene-d12	23.678	264	1672	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	910	0.402	ng	0.00
5) Phenol-d6	6.979	99	1060	0.377	ng	0.00
8) Nitrobenzene-d5	8.967	82	760	0.550	ng	-0.01
11) 2-Methylnaphthalene-d10	12.208	152	1171	0.501	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	185	0.455	ng	-0.01
15) 2-Fluorobiphenyl	13.084	172	1884	0.508	ng	0.00
27) Fluoranthene-d10	19.225	212	2056	0.488	ng	-0.01
31) Terphenyl-d14	19.829	244	1504	0.519	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.851	266	34	0.060	ng	# 85

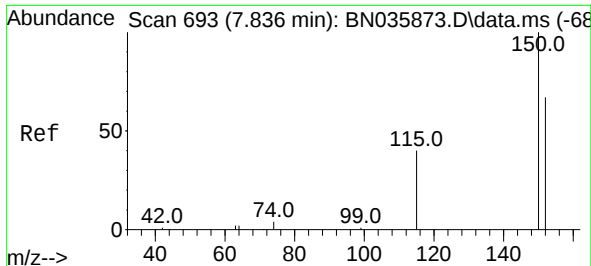
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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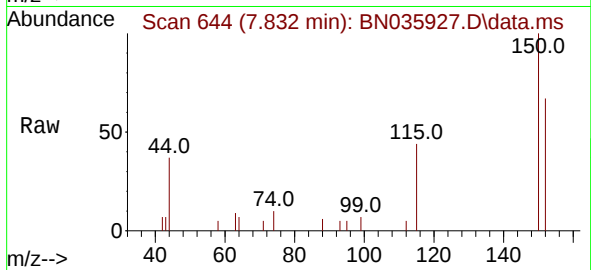
Quant Time: Jan 15 11:51:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration





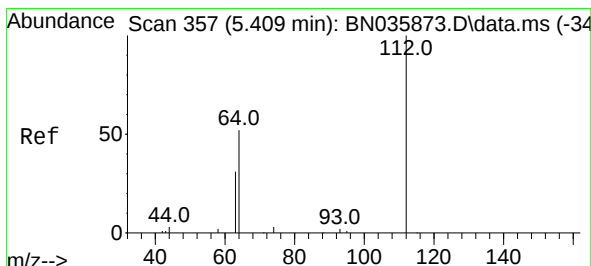
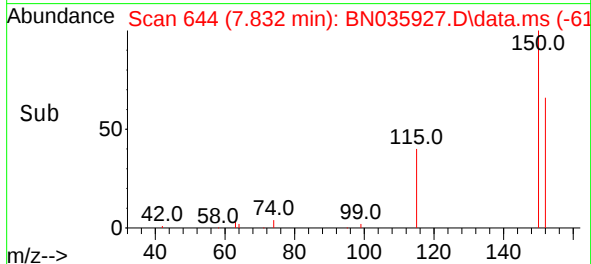
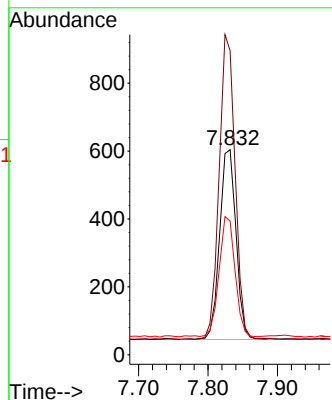
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Instrument :
BNA_N
ClientSampleId :
PB166053BL



Tgt Ion:152 Resp: 922

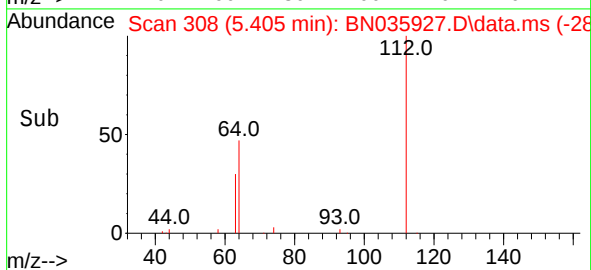
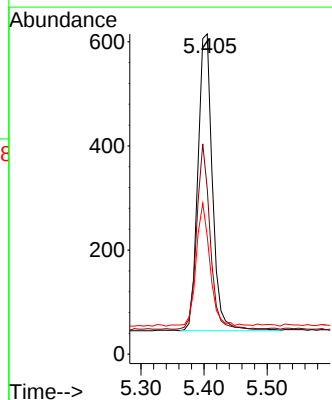
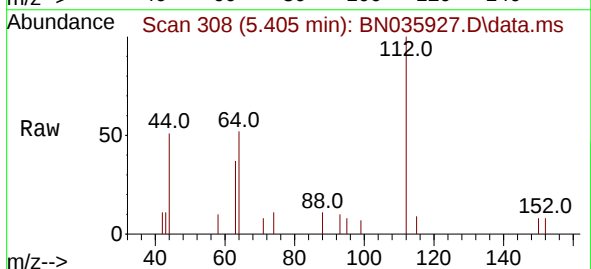
Ion	Ratio	Lower	Upper
152	100		
150	148.3	117.8	176.6
115	65.2	51.0	76.4

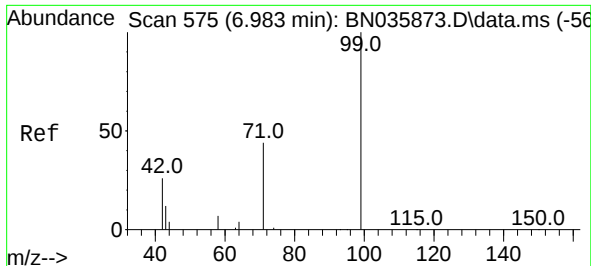


#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.405 min Scan# 308
Delta R.T. -0.004 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Tgt Ion:112 Resp: 910

Ion	Ratio	Lower	Upper
112	100		
64	57.5	48.2	72.2
63	39.3	30.0	45.0

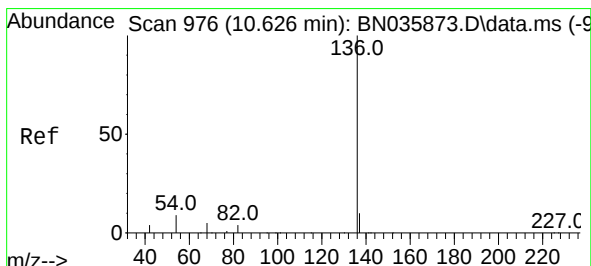
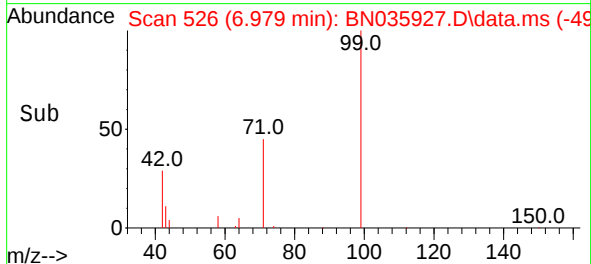
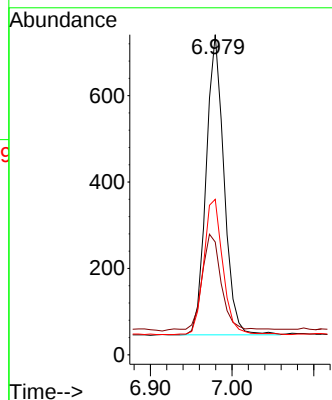
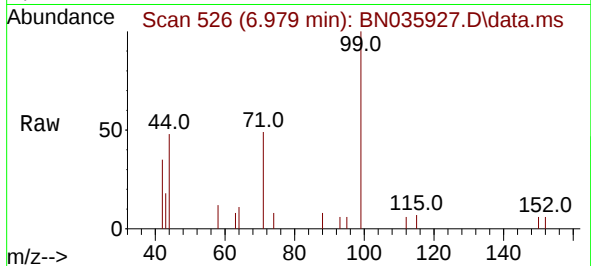




#5
Phenol-d6
Concen: 0.377 ng
RT: 6.979 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

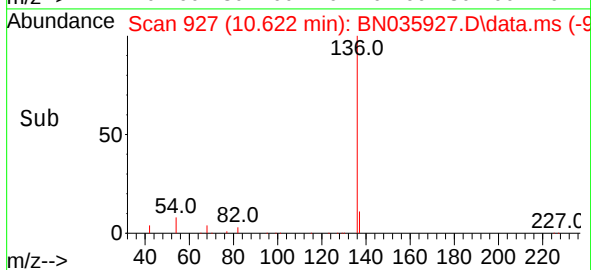
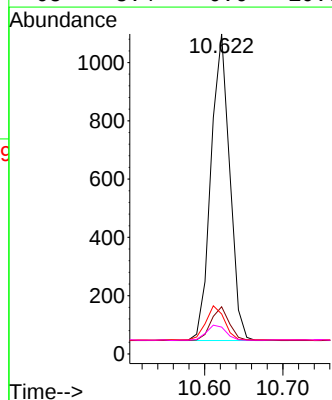
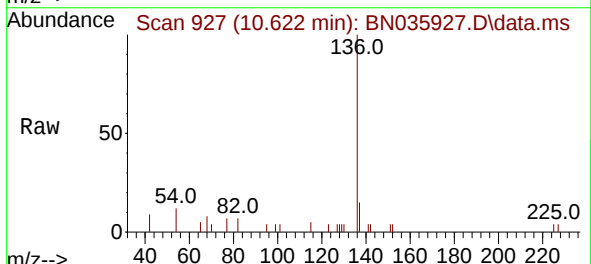
Instrument :
BNA_N
ClientSampleId :
PB166053BL

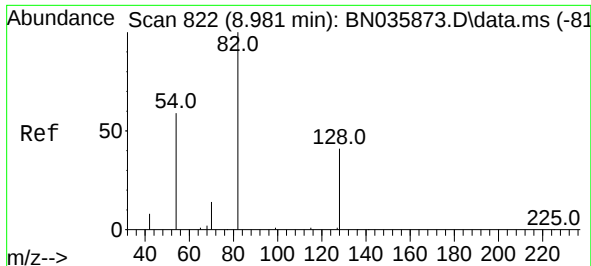
Tgt Ion: 99 Resp: 1060
Ion Ratio Lower Upper
99 100
42 36.2 23.5 35.3#
71 48.0 35.5 53.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 927
Delta R.T. -0.004 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Tgt Ion: 136 Resp: 1746
Ion Ratio Lower Upper
136 100
137 14.8 10.6 15.8
54 12.5 9.8 14.6
68 8.4 6.6 10.0

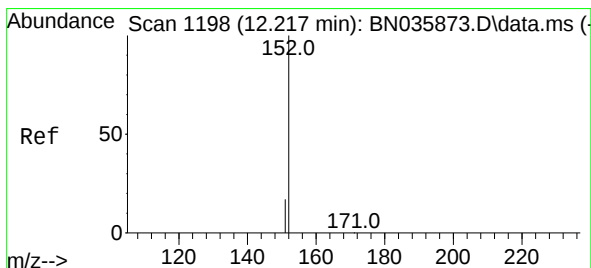
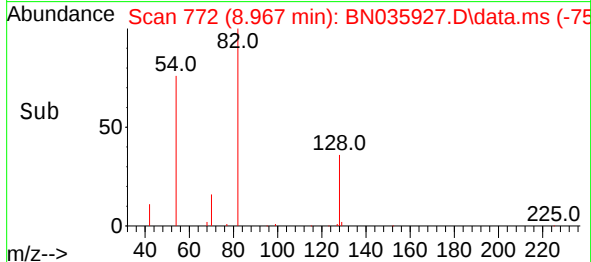
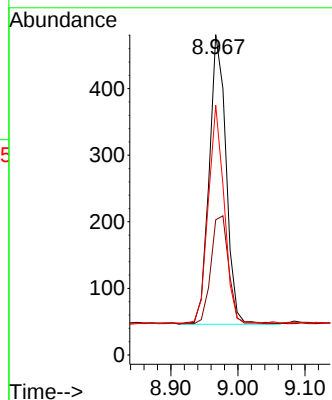
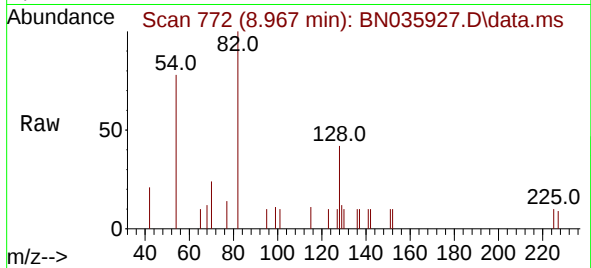




#8
Nitrobenzene-d5
Concen: 0.550 ng
RT: 8.967 min Scan# 71
Delta R.T. -0.015 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

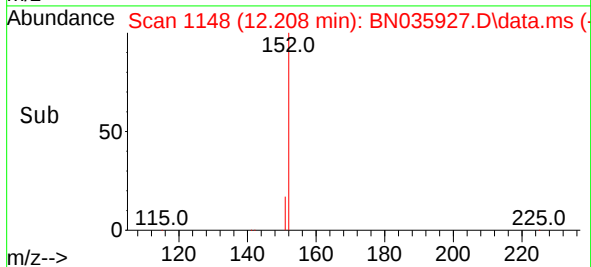
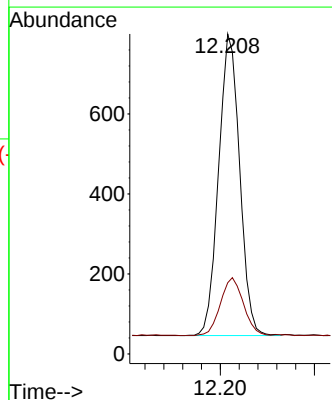
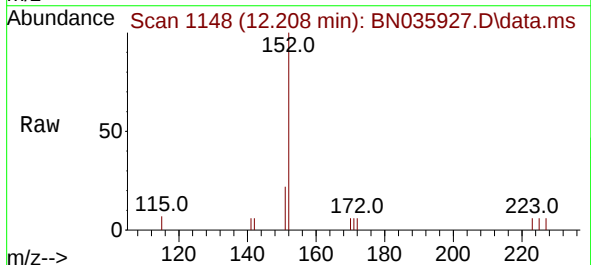
Instrument :
BNA_N
ClientSampleId :
PB166053BL

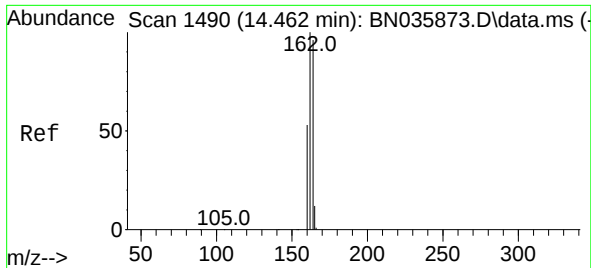
Tgt Ion: 82 Resp: 760
Ion Ratio Lower Upper
82 100
128 42.2 36.9 55.3
54 78.0 50.4 75.6#



#11
2-Methylnaphthalene-d10
Concen: 0.501 ng
RT: 12.208 min Scan# 1148
Delta R.T. -0.009 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Tgt Ion: 152 Resp: 1171
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.6

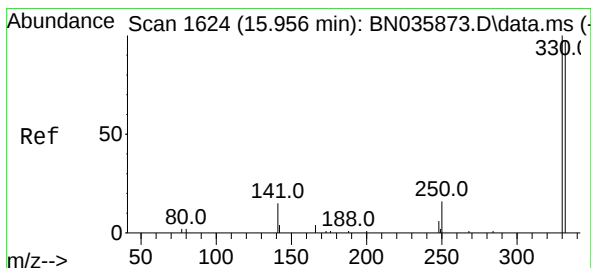
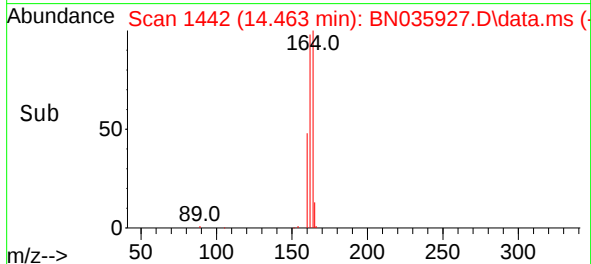
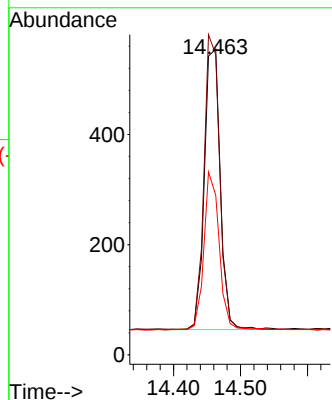
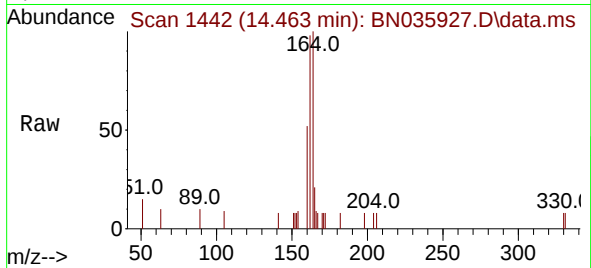




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1490
Delta R.T. 0.001 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

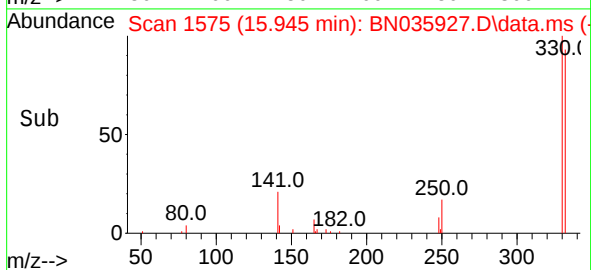
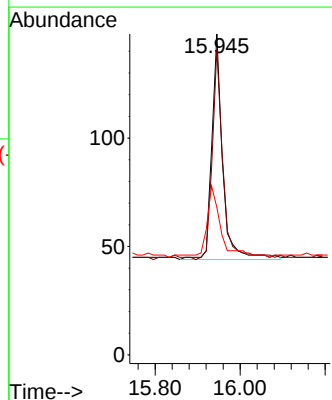
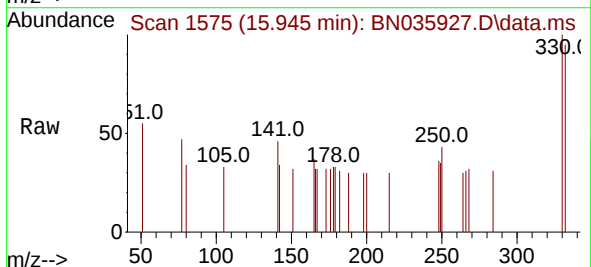
Instrument :
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ClientSampleId :
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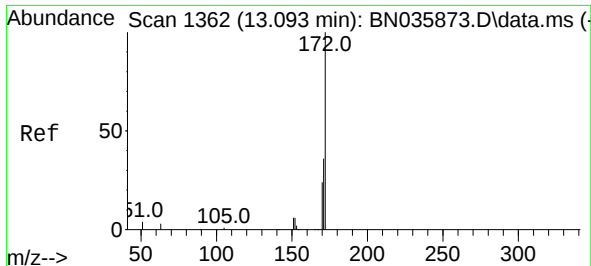
Tgt Ion:164 Resp: 846
Ion Ratio Lower Upper
164 100
162 98.2 83.1 124.7
160 52.3 46.0 69.0



#14
2,4,6-Tribromophenol
Concen: 0.455 ng
RT: 15.945 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Tgt Ion:330 Resp: 185
Ion Ratio Lower Upper
330 100
332 94.1 77.2 115.8
141 39.5 31.6 47.4





#15

2-Fluorobiphenyl

Concen: 0.508 ng

RT: 13.084 min Scan# 14

Delta R.T. -0.009 min

Lab File: BN035927.D

Acq: 15 Jan 2025 11:03

Instrument :

BNA_N

ClientSampleId :

PB166053BL

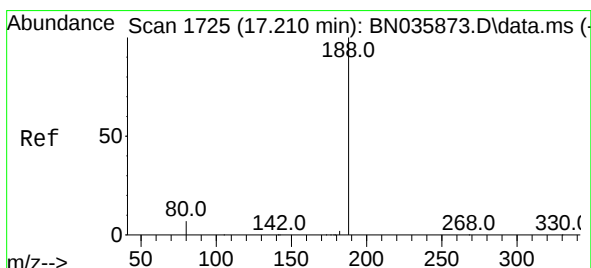
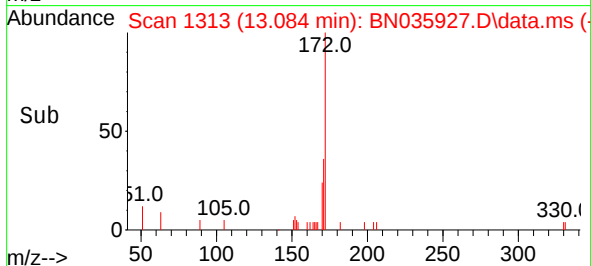
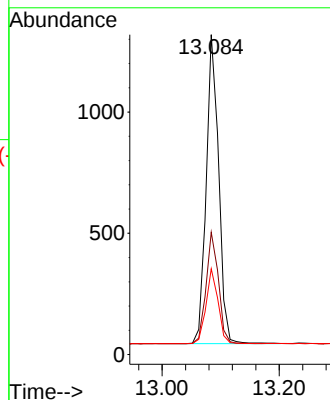
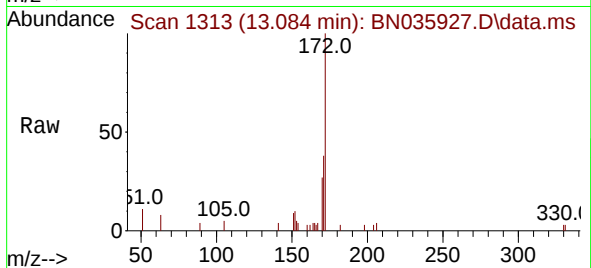
Tgt Ion:172 Resp: 1884

Ion Ratio Lower Upper

172 100

171 38.2 30.5 45.7

170 26.8 20.8 31.2



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.199 min Scan# 1676

Delta R.T. -0.011 min

Lab File: BN035927.D

Acq: 15 Jan 2025 11:03

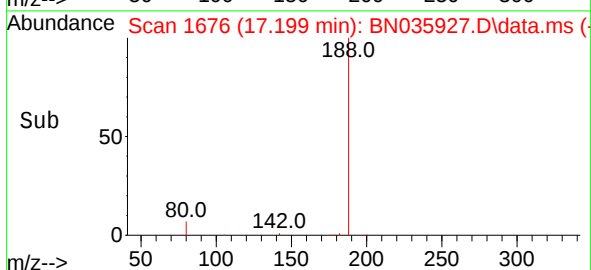
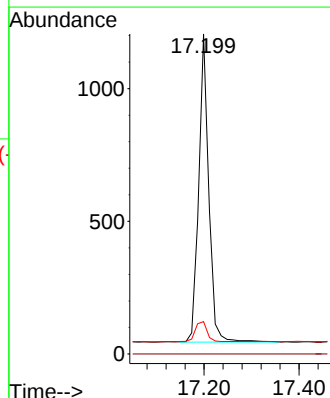
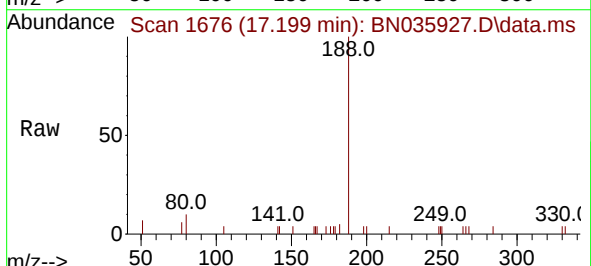
Tgt Ion:188 Resp: 1699

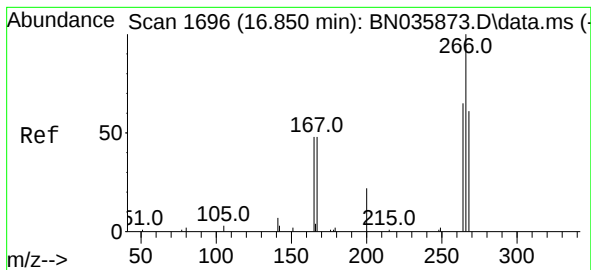
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.1 7.3 10.9





#24

Pentachlorophenol

Concen: 0.060 ng

RT: 16.851 min Scan# 1

Delta R.T. 0.001 min

Lab File: BN035927.D

Acq: 15 Jan 2025 11:03

Instrument :

BNA_N

ClientSampleId :

PB166053BL

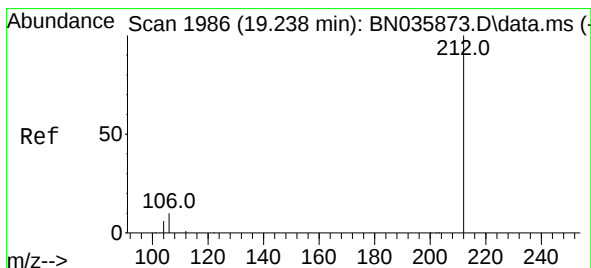
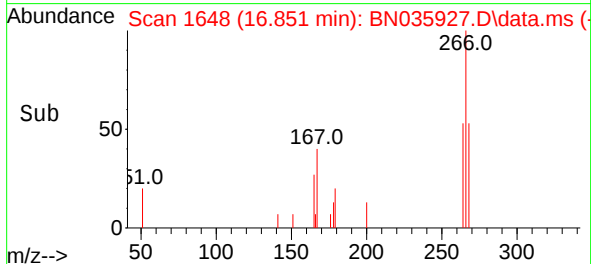
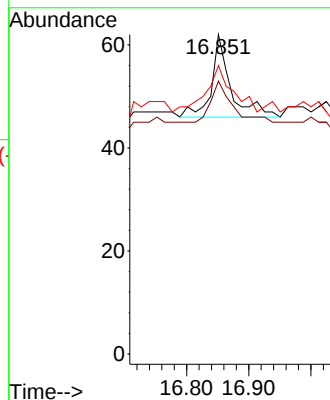
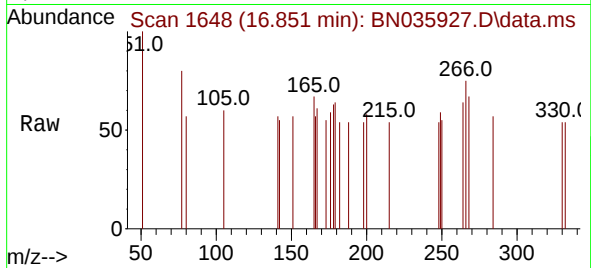
Tgt Ion:266 Resp: 34

Ion Ratio Lower Upper

266 100

264 55.9 49.9 74.9

268 79.4 50.2 75.2#



#27

Fluoranthene-d10

Concen: 0.488 ng

RT: 19.225 min Scan# 1935

Delta R.T. -0.013 min

Lab File: BN035927.D

Acq: 15 Jan 2025 11:03

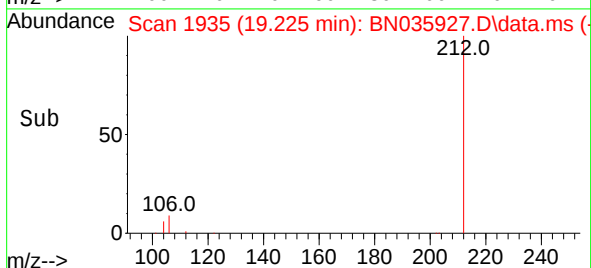
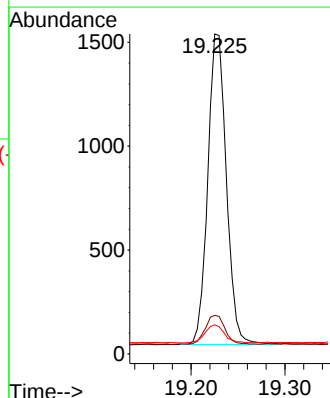
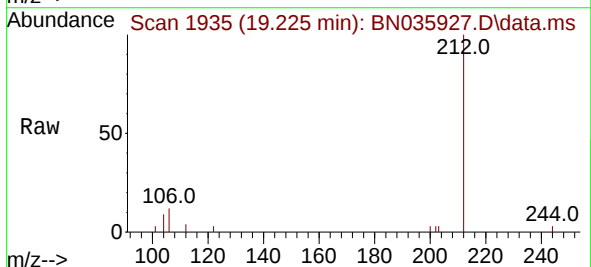
Tgt Ion:212 Resp: 2056

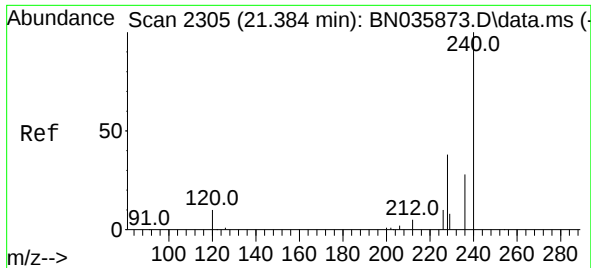
Ion Ratio Lower Upper

212 100

106 10.1 9.0 13.6

104 6.1 5.4 8.2

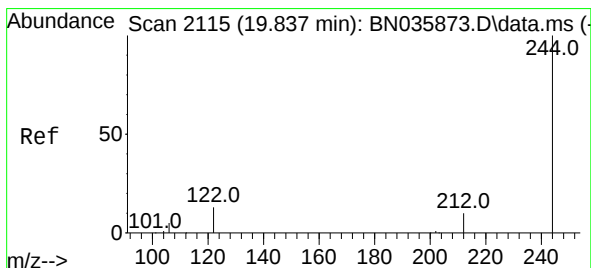
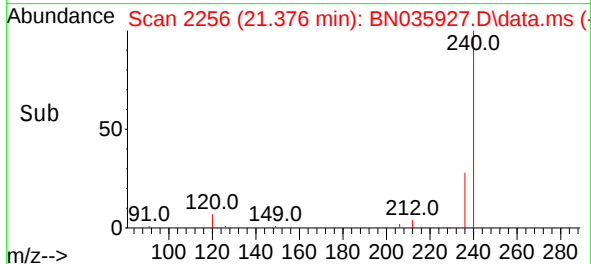
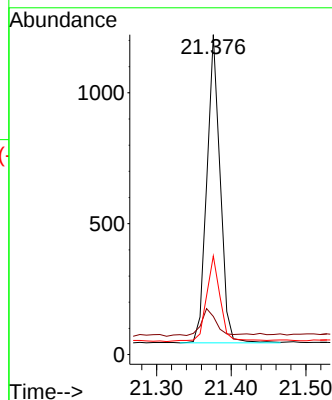
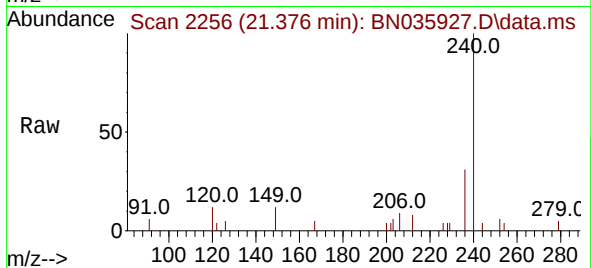




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

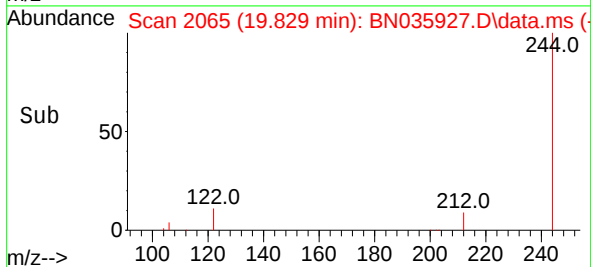
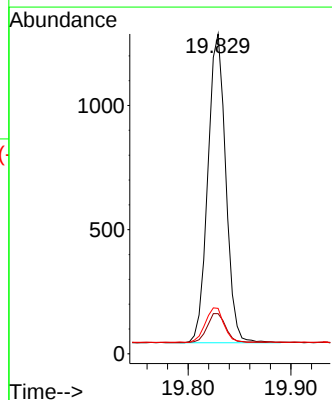
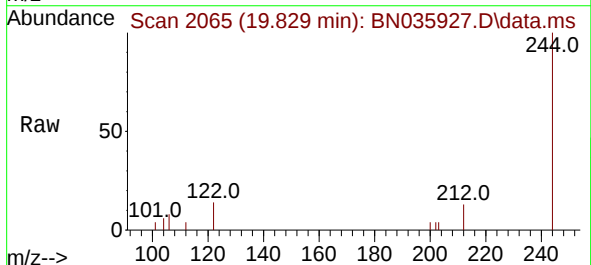
Instrument :
BNA_N
ClientSampleId :
PB166053BL

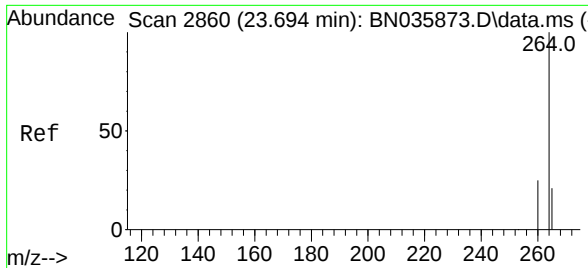
Tgt Ion:240 Resp: 1454
Ion Ratio Lower Upper
240 100
120 11.9 11.1 16.7
236 30.9 24.6 36.8



#31
Terphenyl-d14
Concen: 0.519 ng
RT: 19.829 min Scan# 2065
Delta R.T. -0.008 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

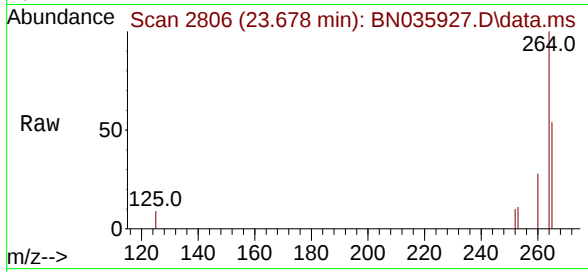
Tgt Ion:244 Resp: 1504
Ion Ratio Lower Upper
244 100
212 12.6 10.1 15.1
122 14.2 12.2 18.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.678 min Scan# 21
Delta R.T. -0.016 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Instrument :
BNA_N
ClientSampleId :
PB166053BL



Tgt Ion:264 Resp: 1672

Ion	Ratio	Lower	Upper
264	100		
260	28.0	21.7	32.5
265	54.5	33.9	50.9#

