

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037919.D
 Acq On : 26 Sep 2025 10:08
 Operator : RC/JU
 Sample : Q3156-21
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 11:04:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

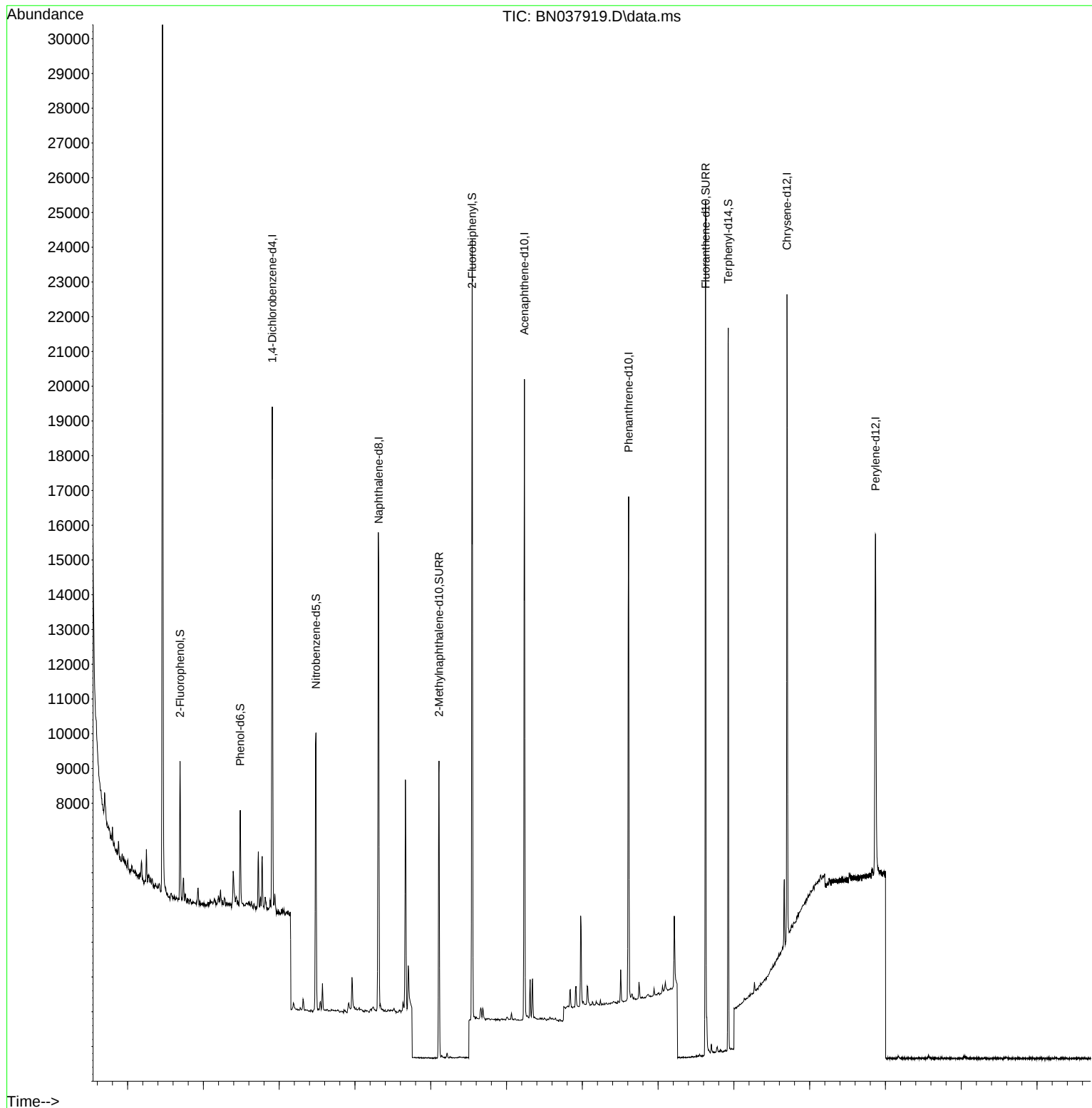
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6947	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	19224	0.400	ng	# 0.00
13) Acenaphthene-d10	14.473	164	9834	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	20208	0.400	ng	0.00
29) Chrysene-d12	21.402	240	16944	0.400	ng	# 0.00
35) Perylene-d12	23.739	264	14579	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2988	0.188	ng	0.00
5) Phenol-d6	6.973	99	2387	0.115	ng	0.00
8) Nitrobenzene-d5	8.971	82	6707	0.457	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	11511	0.431	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1626	0.436	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	18578	0.461	ng	0.00
27) Fluoranthene-d10	19.253	212	26657	0.524	ng	0.00
31) Terphenyl-d14	19.852	244	19468	0.577	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.622	198	7	0.070	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.331	149	1983	0.085	ng	# 95

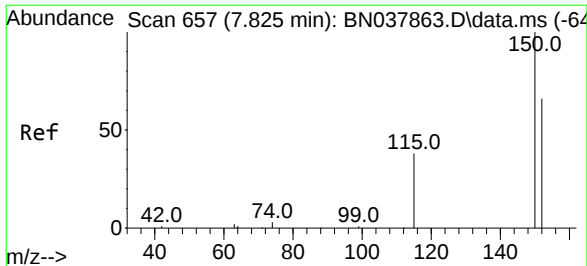
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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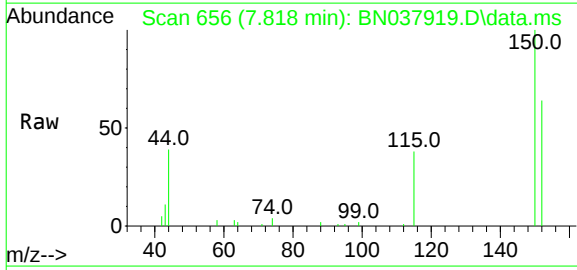
Quant Time: Sep 26 11:04:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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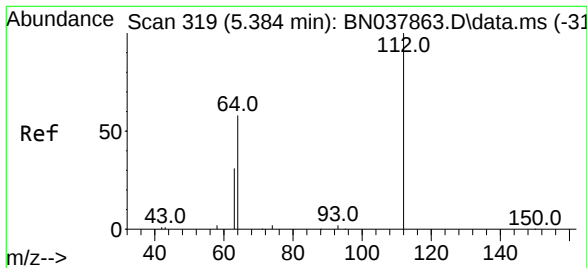
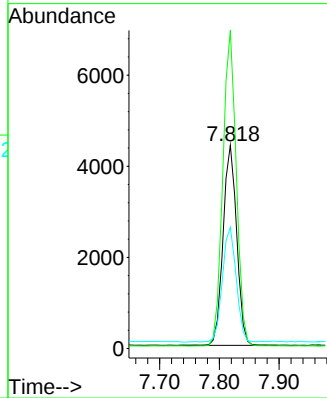
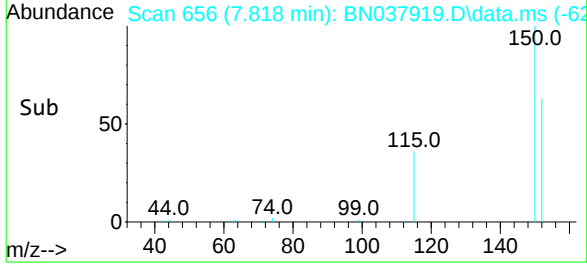


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 657
Delta R.T. -0.007 min
Lab File: BN037919.D
Acq: 26 Sep 2025 10:08

Instrument :
BNA_N
ClientSampleId :

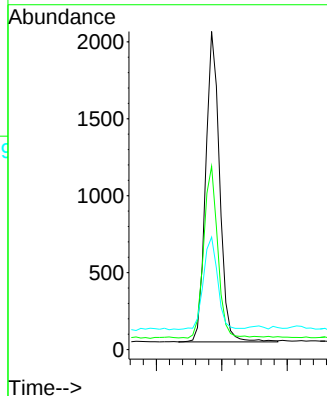
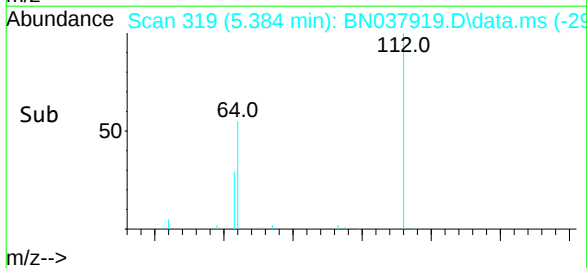
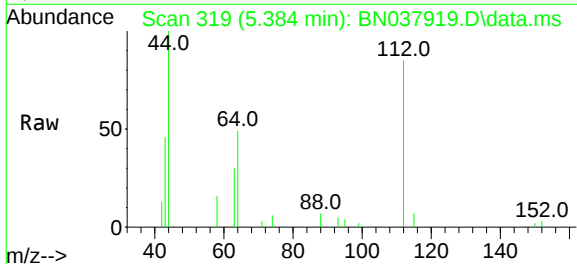


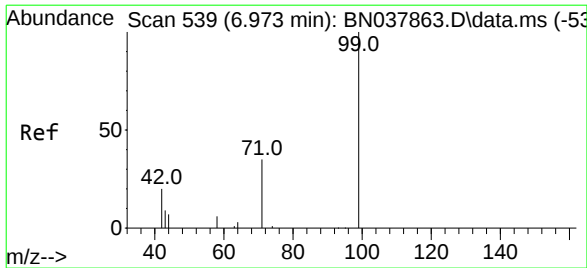
Tgt Ion:152 Resp: 6947
Ion Ratio Lower Upper
152 100
150 156.4 121.0 181.4
115 59.6 47.4 71.0



#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037919.D
Acq: 26 Sep 2025 10:08

Tgt Ion:112 Resp: 2988
Ion Ratio Lower Upper
112 100
64 55.6 44.6 66.8
63 31.0 24.9 37.3





#5

Phenol-d6

Concen: 0.115 ng

RT: 6.973 min Scan# 539

Delta R.T. 0.000 min

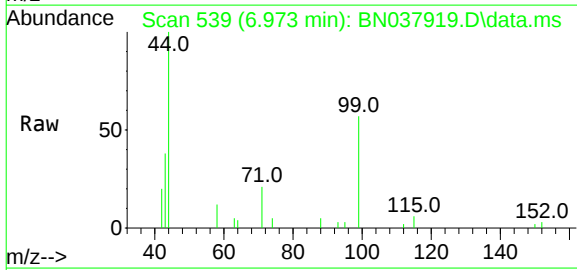
Lab File: BN037919.D

Acq: 26 Sep 2025 10:08

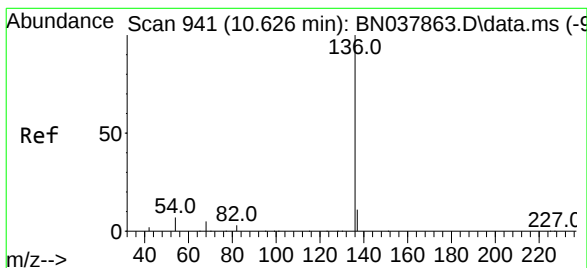
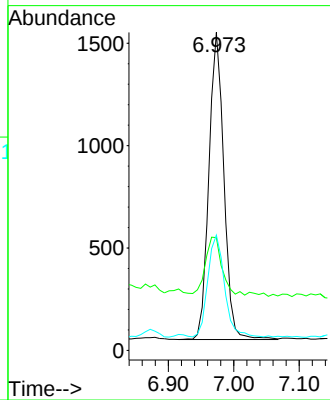
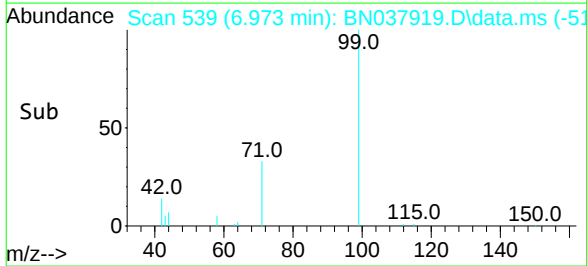
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	99	Resp:	2387
Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.2	25.8
71	36.8	27.3	40.9



#7

Naphthalene-d8

Concen: 0.400 ng

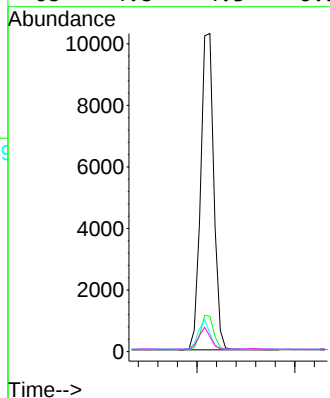
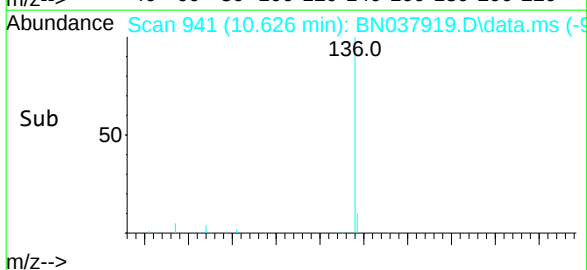
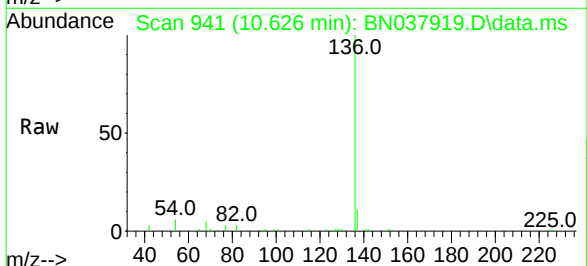
RT: 10.626 min Scan# 941

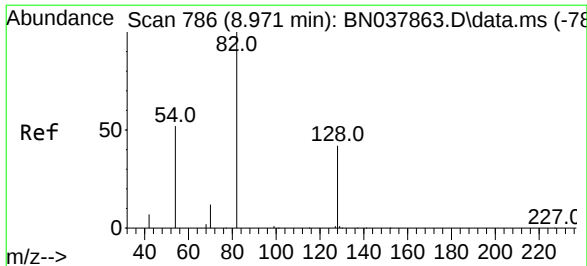
Delta R.T. 0.000 min

Lab File: BN037919.D

Acq: 26 Sep 2025 10:08

Tgt Ion:	136	Resp:	19224
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.7	5.8	8.8#
68	4.8	4.3	6.5

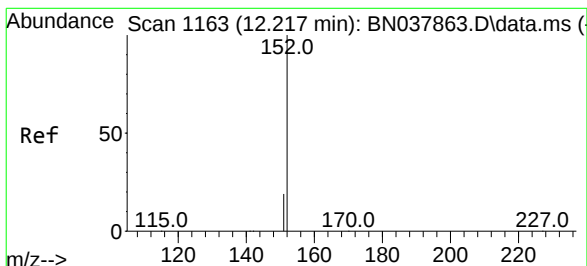
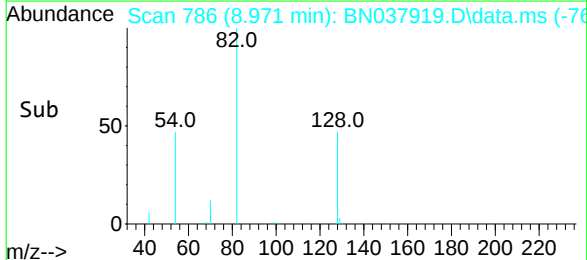
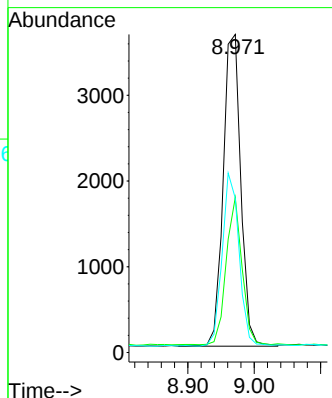
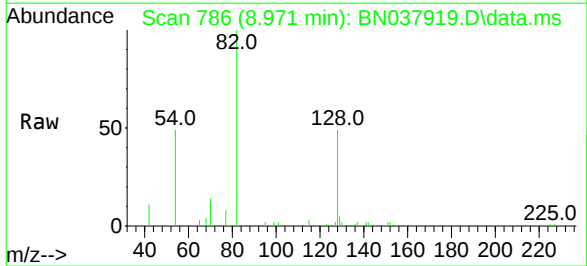




#8
 Nitrobenzene-d5
 Concen: 0.457 ng
 RT: 8.971 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: BN037919.D
 Acq: 26 Sep 2025 10:08

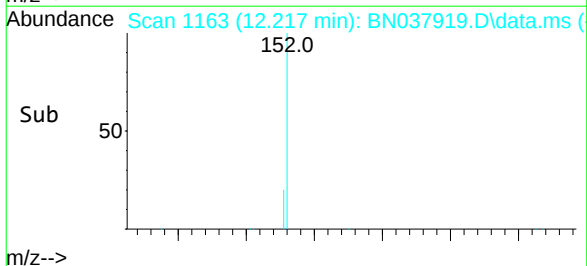
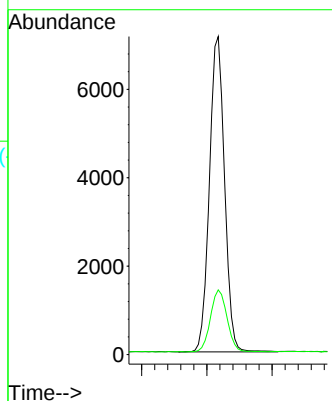
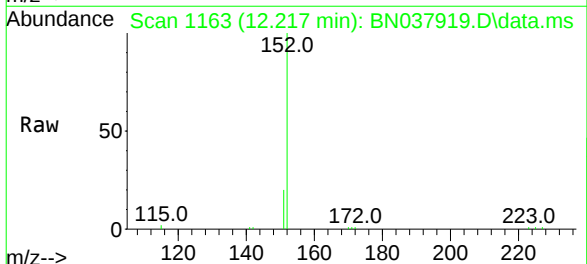
Instrument :
 BNA_N
 ClientSampleId :

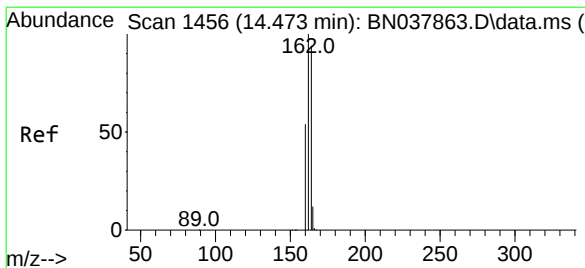
Tgt Ion: 82 Resp: 6707
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.8 52.2
 54 48.5 42.2 63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.431 ng
 RT: 12.217 min Scan# 1163
 Delta R.T. 0.000 min
 Lab File: BN037919.D
 Acq: 26 Sep 2025 10:08

Tgt Ion: 152 Resp: 11511
 Ion Ratio Lower Upper
 152 100
 151 21.6 17.4 26.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.473 min Scan# 14

Delta R.T. 0.000 min

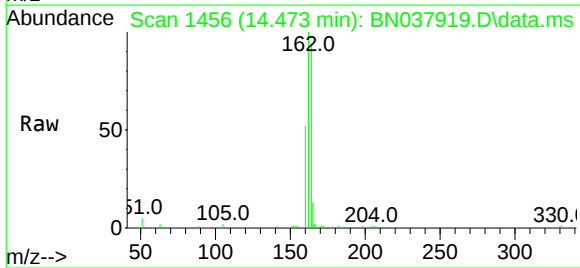
Lab File: BN037919.D

Acq: 26 Sep 2025 10:08

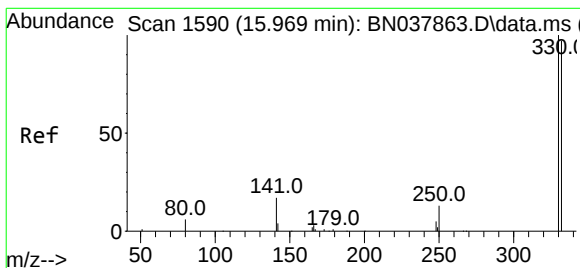
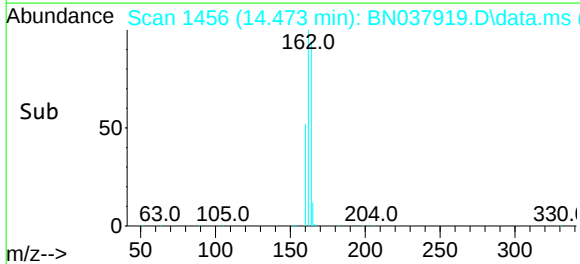
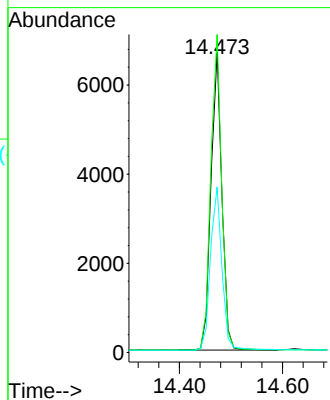
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	164	Resp:	9834
Ion	Ratio	Lower	Upper
164	100		
162	106.0	84.8	127.2
160	55.2	46.1	69.1



#14

2,4,6-Tribromophenol

Concen: 0.436 ng

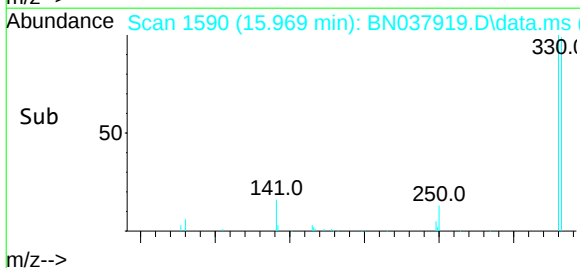
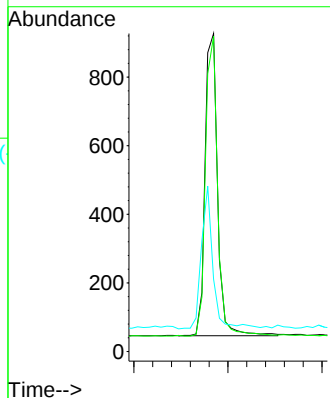
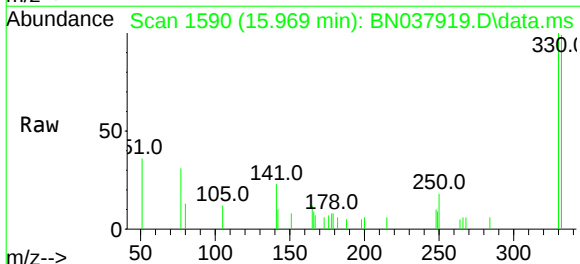
RT: 15.969 min Scan# 1590

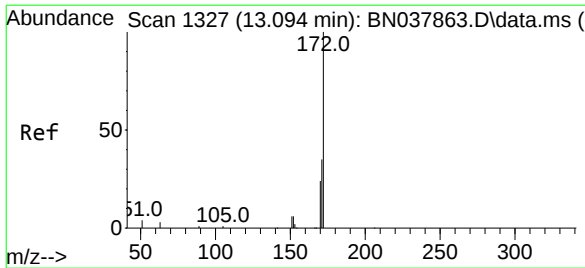
Delta R.T. 0.000 min

Lab File: BN037919.D

Acq: 26 Sep 2025 10:08

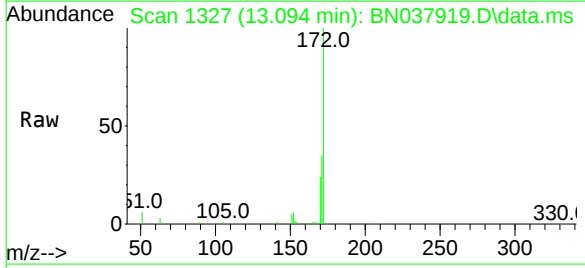
Tgt Ion:	330	Resp:	1626
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.2	115.8
141	42.2	37.2	55.8



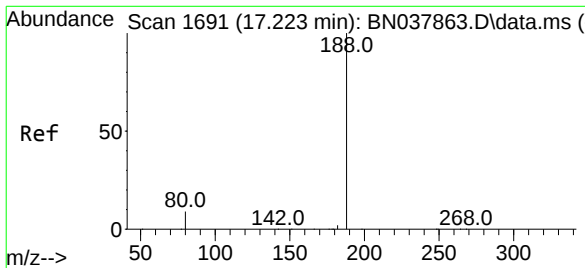
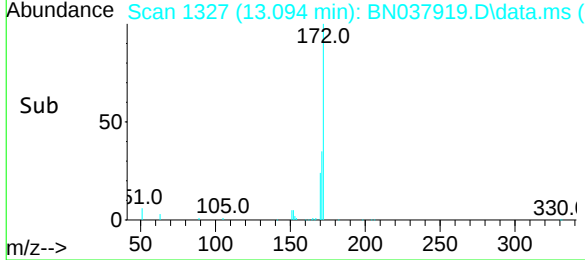
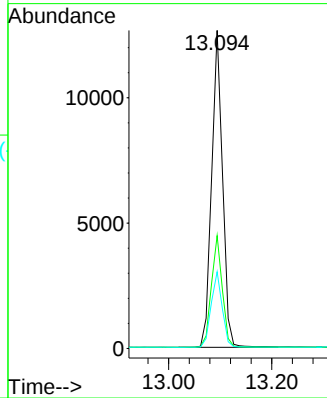


#15
2-Fluorobiphenyl
Concen: 0.461 ng
RT: 13.094 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BN037919.D
Acq: 26 Sep 2025 10:08

Instrument :
BNA_N
ClientSampleId :

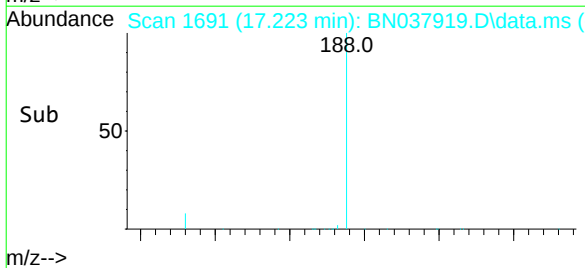
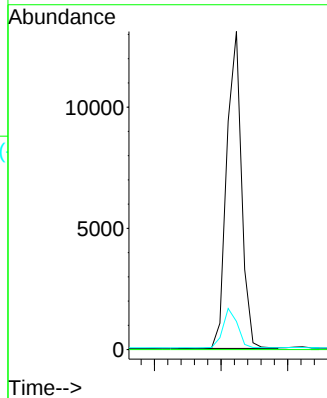
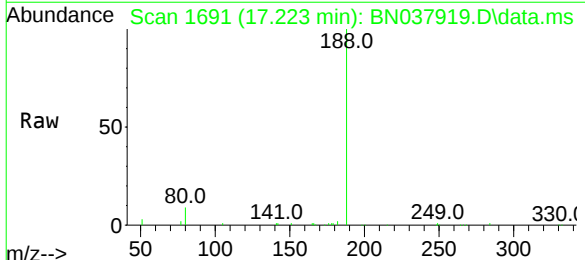


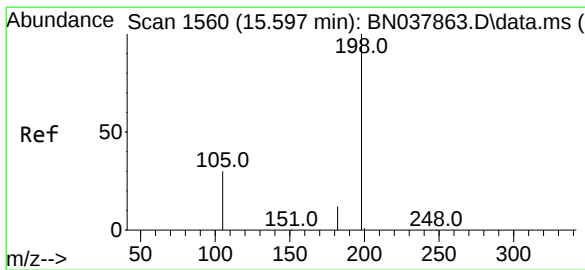
Tgt Ion:	172	Resp:	18578
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	24.1	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN037919.D
Acq: 26 Sep 2025 10:08

Tgt Ion:	188	Resp:	20208
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.6	11.4

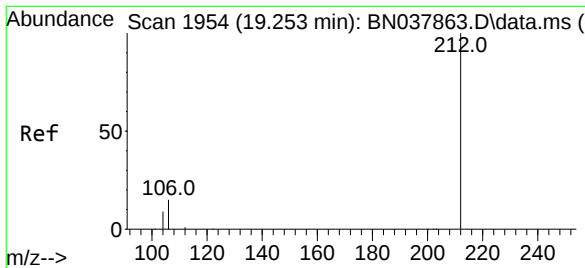
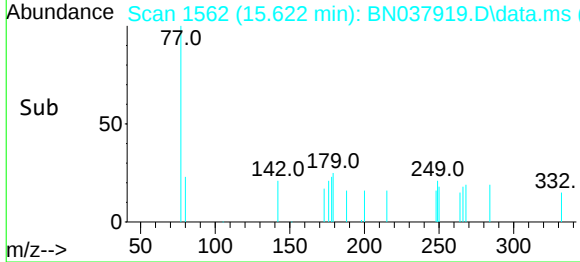
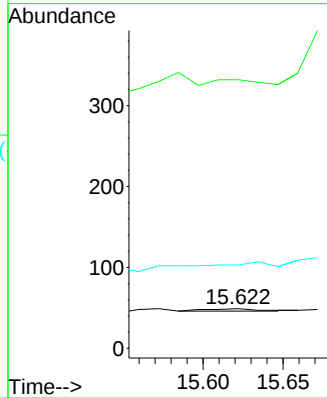
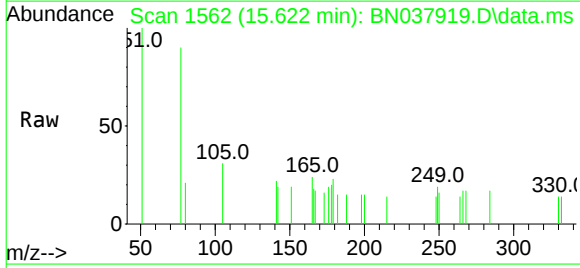




#20
4,6-Dinitro-2-methylphenol
Concen: 0.070 ng
RT: 15.622 min Scan# 1560
Delta R.T. 0.025 min
Lab File: BN037919.D
Acq: 26 Sep 2025 10:08

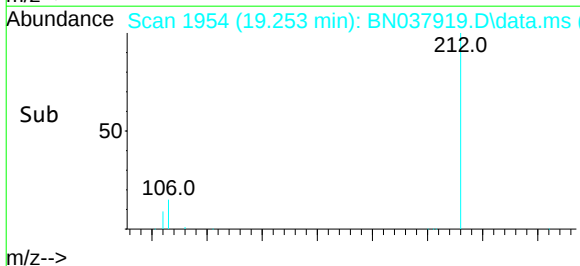
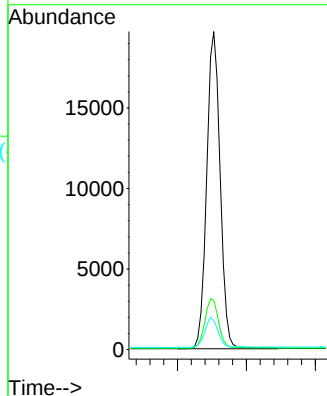
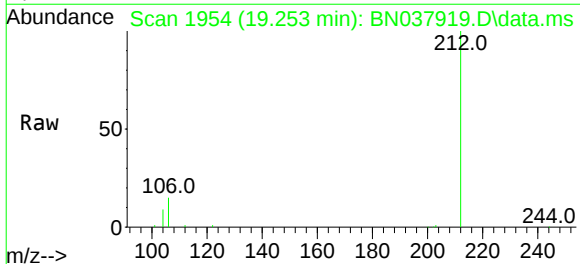
Instrument :
BNA_N
ClientSampleId :

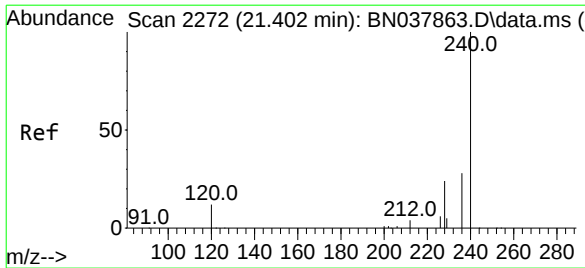
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 677.6 59.1 88.7#
105 210.2 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.524 ng
RT: 19.253 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BN037919.D
Acq: 26 Sep 2025 10:08

Tgt Ion:212 Resp: 26657
Ion Ratio Lower Upper
212 100
106 16.0 12.6 19.0
104 9.1 7.4 11.0

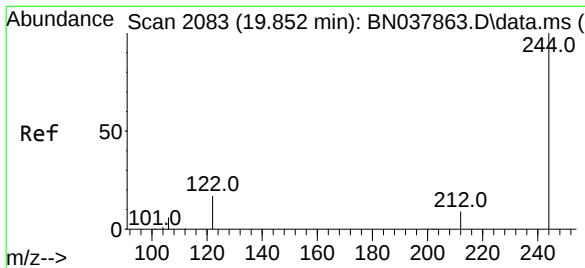
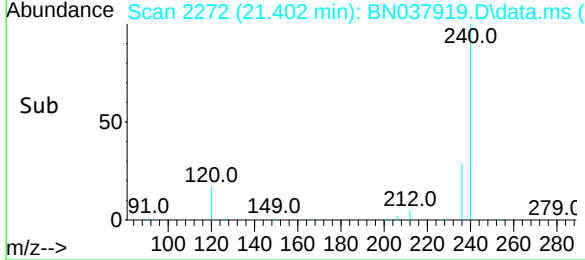
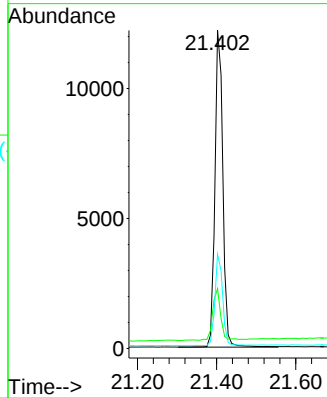
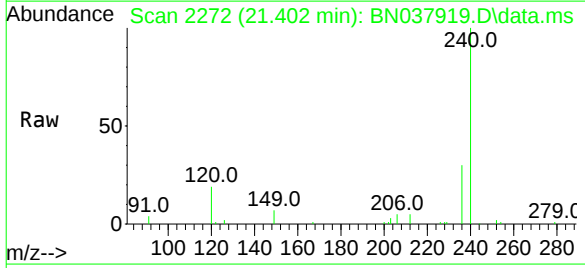




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BN037919.D
Acq: 26 Sep 2025 10:08

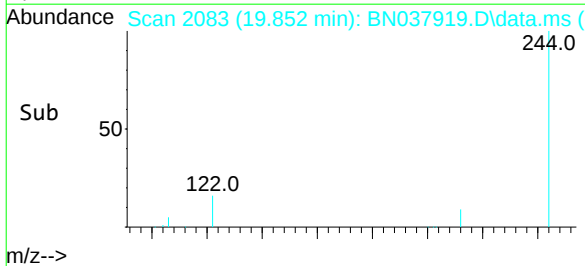
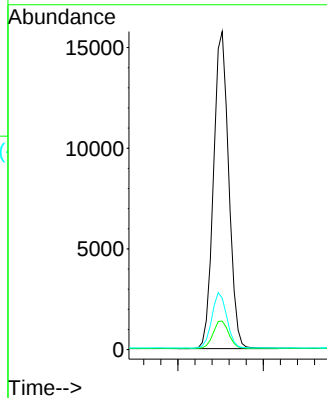
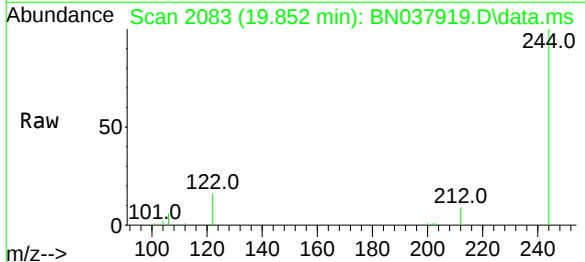
Instrument :
BNA_N
ClientSampleId :

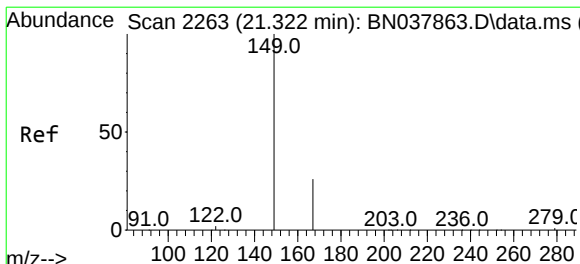
Tgt Ion:	240	Resp:	16944
Ion Ratio	Lower	Upper	
240	100		
120	18.9	11.4	17.2#
236	29.7	23.0	34.6



#31
Terphenyl-d14
Concen: 0.577 ng
RT: 19.852 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN037919.D
Acq: 26 Sep 2025 10:08

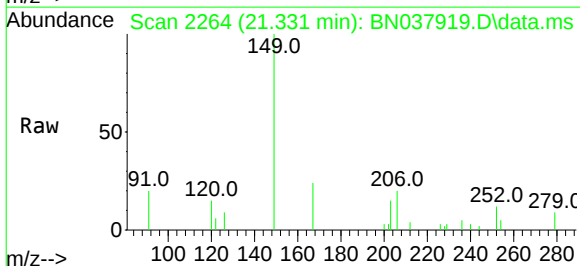
Tgt Ion:	244	Resp:	19468
Ion Ratio	Lower	Upper	
244	100		
212	9.0	7.6	11.4
122	16.2	13.9	20.9



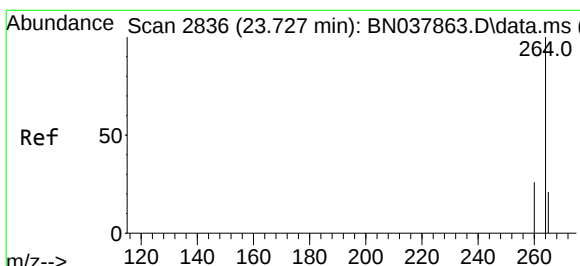
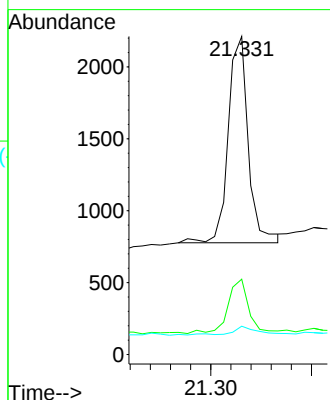
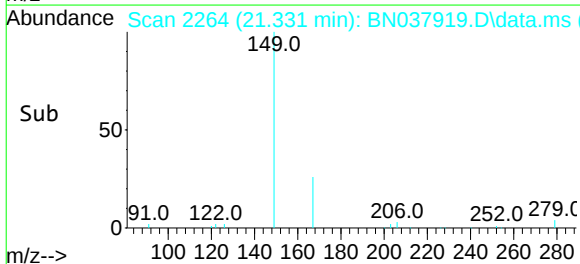


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 21.331 min Scan# 2264
 Delta R.T. 0.009 min
 Lab File: BN037919.D
 Acq: 26 Sep 2025 10:08

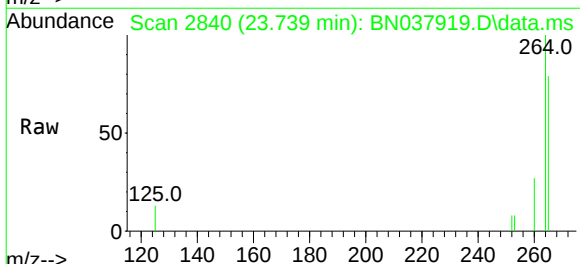
Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	149	Resp:	1983
Ion Ratio	100	Lower	Upper
149	100		
167	27.6	20.4	30.6
279	5.6	2.4	3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.739 min Scan# 2840
 Delta R.T. 0.012 min
 Lab File: BN037919.D
 Acq: 26 Sep 2025 10:08



Tgt Ion:	264	Resp:	14579
Ion Ratio	100	Lower	Upper
264	100		
260	26.5	21.5	32.3
265	79.1	53.8	80.6

