

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037205.D
 Acq On : 09 Jun 2025 23:48
 Operator : RC/JU
 Sample : PB168336BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168336BL

Quant Time: Jun 10 04:04:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1509	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	3585	0.400	ng	0.00
13) Acenaphthene-d10	14.245	164	1776	0.400	ng	0.01
19) Phenanthrene-d10	16.996	188	2785	0.400	ng	0.01
29) Chrysene-d12	21.189	240	1823	0.400	ng	# 0.00
35) Perylene-d12	23.380	264	1982	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1577	0.423	ng	0.00
5) Phenol-d6	6.773	99	1648	0.364	ng	0.00
8) Nitrobenzene-d5	8.749	82	1405	0.371	ng	0.01
11) 2-Methylnaphthalene-d10	11.970	152	1894	0.379	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	179	0.250	ng	0.01
15) 2-Fluorobiphenyl	12.863	172	3136	0.414	ng	0.00
27) Fluoranthene-d10	19.026	212	2587	0.366	ng	0.00
31) Terphenyl-d14	19.635	244	1697	0.395	ng	0.00

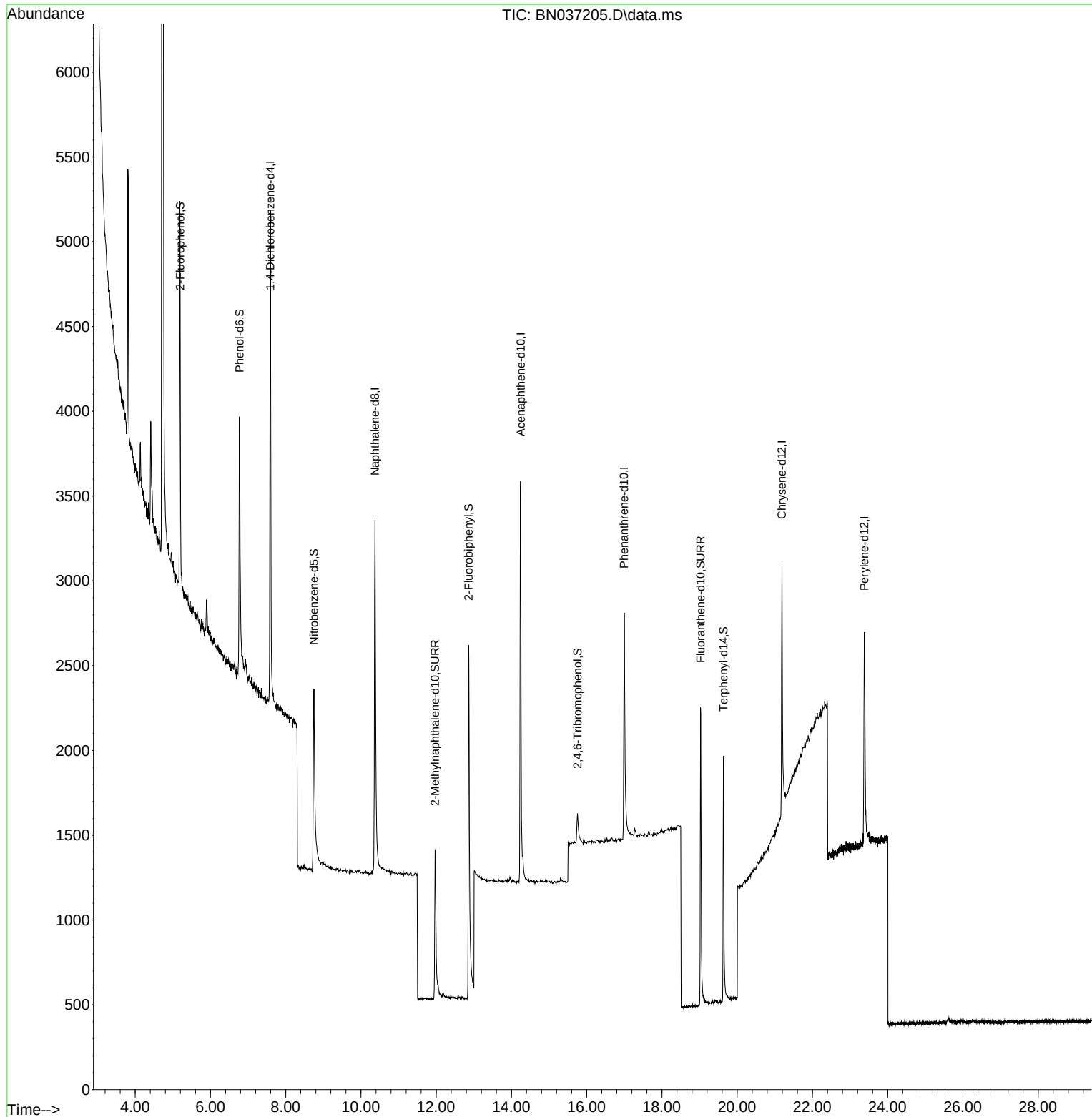
Target Compounds Qvalue

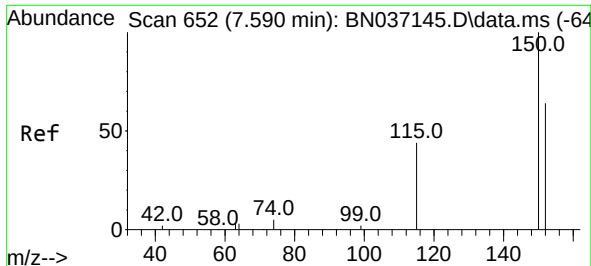
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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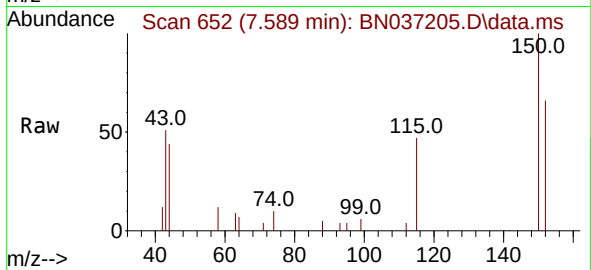
Quant Time: Jun 10 04:04:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
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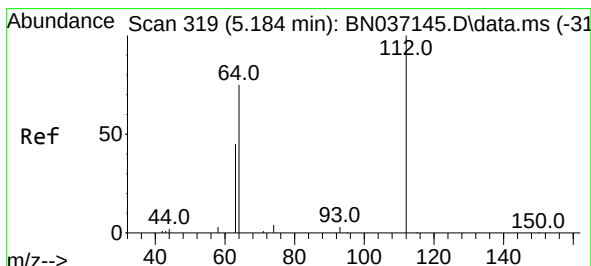
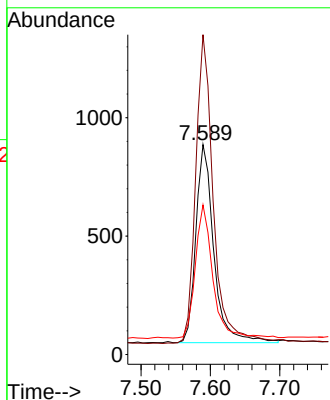
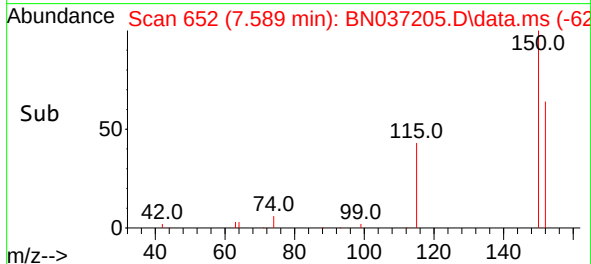


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037205.D
 Acq: 09 Jun 2025 23:48

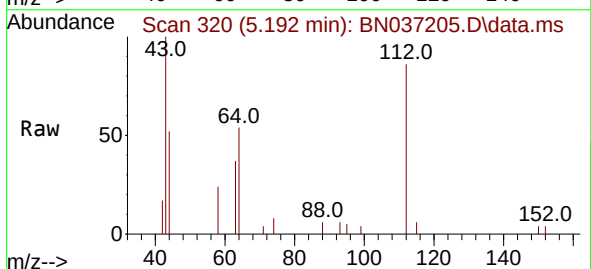
Instrument :
 BNA_N
 ClientSampleId :
 PB168336BL



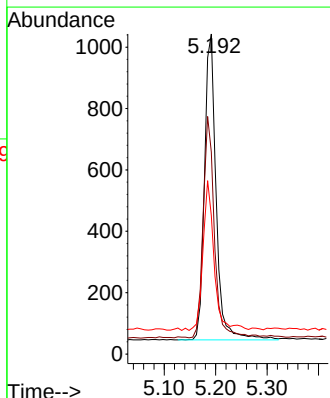
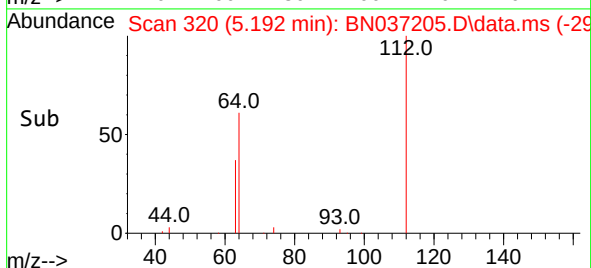
Tgt Ion:152 Resp: 1509
 Ion Ratio Lower Upper
 152 100
 150 152.3 123.2 184.8
 115 71.3 56.6 85.0

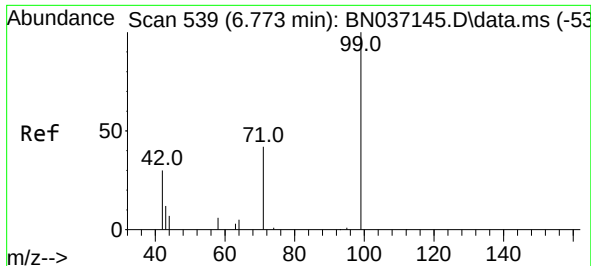


#4
 2-Fluorophenol
 Concen: 0.423 ng
 RT: 5.192 min Scan# 320
 Delta R.T. 0.007 min
 Lab File: BN037205.D
 Acq: 09 Jun 2025 23:48



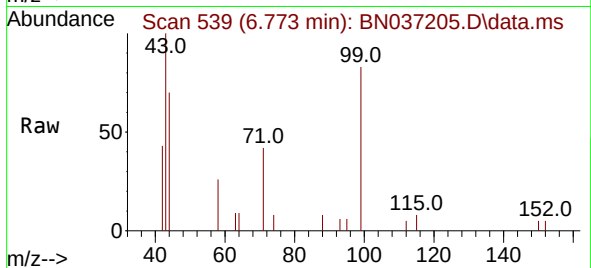
Tgt Ion:112 Resp: 1577
 Ion Ratio Lower Upper
 112 100
 64 70.3 56.3 84.5
 63 46.6 36.2 54.4



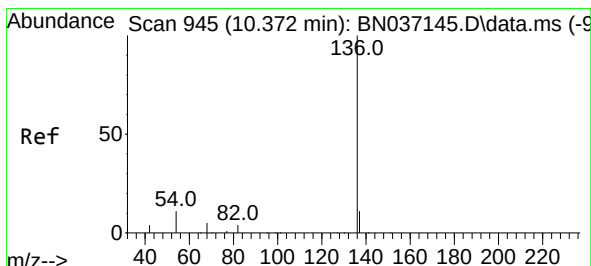
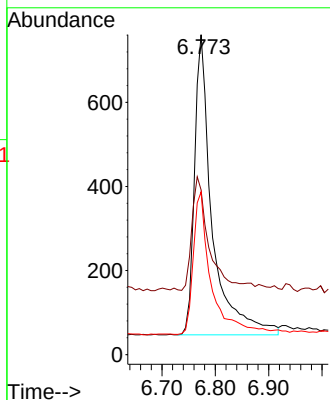
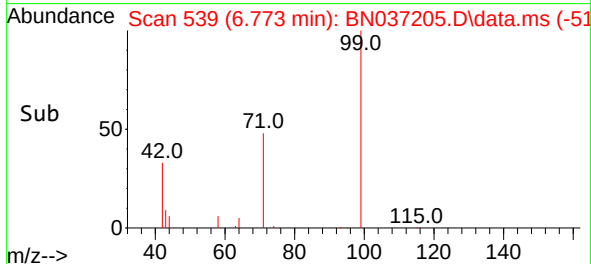


#5
Phenol-d6
Concen: 0.364 ng
RT: 6.773 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48

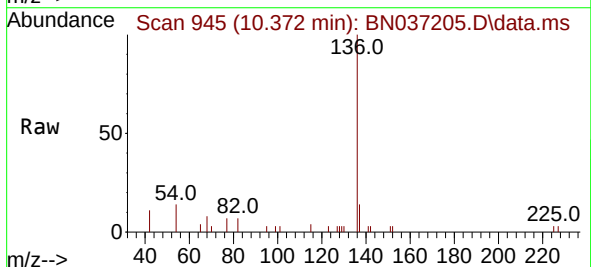
Instrument :
BNA_N
ClientSampleId :
PB168336BL



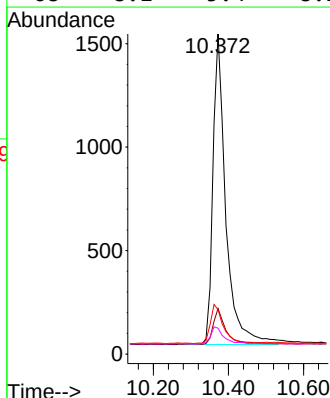
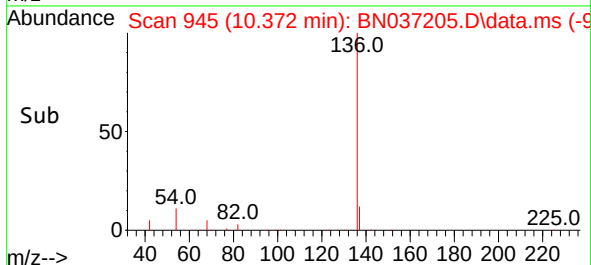
Tgt Ion:	99	Resp:	1648
Ion	Ratio	Lower	Upper
99	100		
42	38.5	31.3	46.9
71	47.7	38.2	57.2

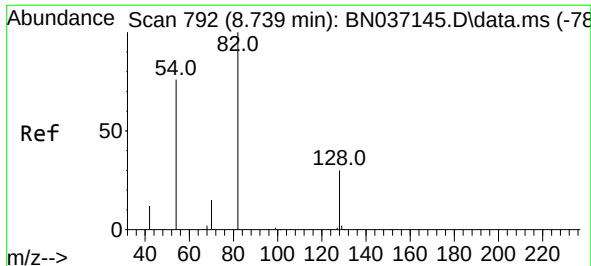


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48



Tgt Ion:	136	Resp:	3585
Ion	Ratio	Lower	Upper
136	100		
137	14.2	9.7	14.5
54	13.9	9.7	14.5
68	8.1	5.4	8.2

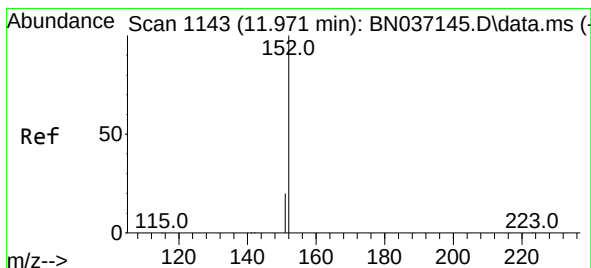
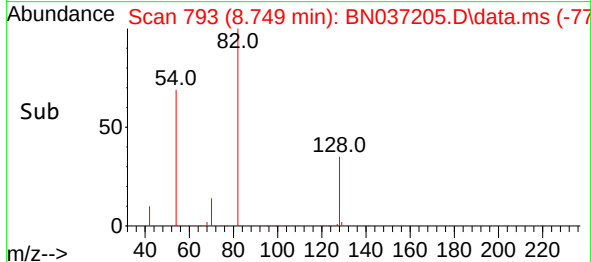
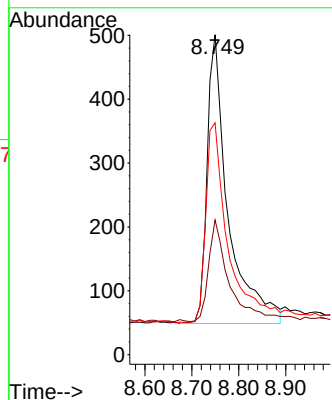
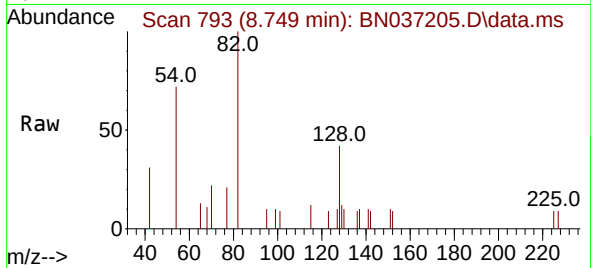




#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.749 min Scan# 792
Delta R.T. 0.011 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48

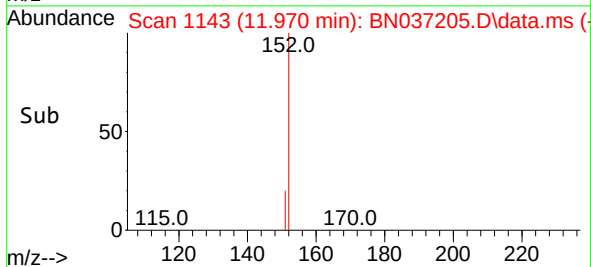
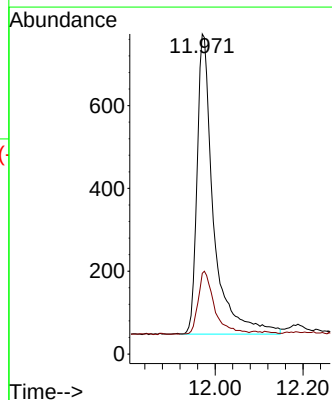
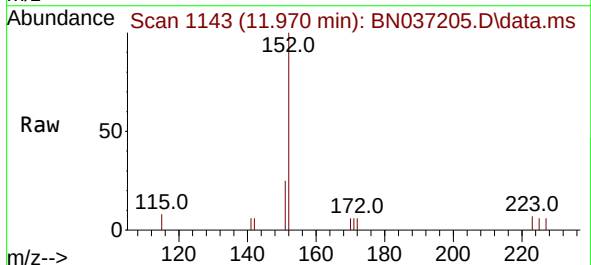
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ClientSampleId :
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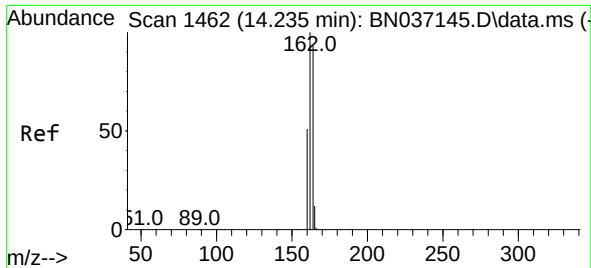
Tgt Ion: 82 Resp: 1405
Ion Ratio Lower Upper
82 100
128 42.1 26.9 40.3#
54 72.5 61.4 92.2



#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 11.970 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48

Tgt Ion:152 Resp: 1894
Ion Ratio Lower Upper
152 100
151 20.7 17.1 25.7

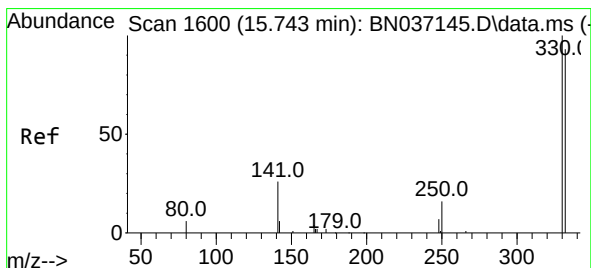
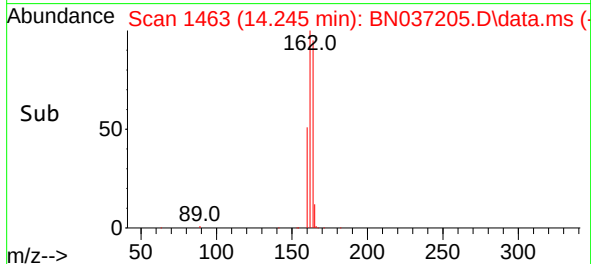
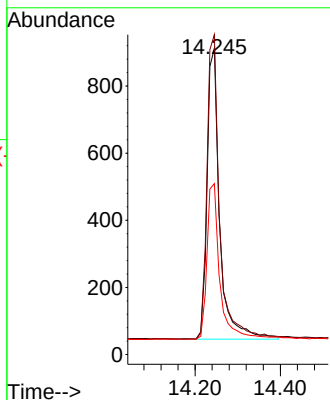
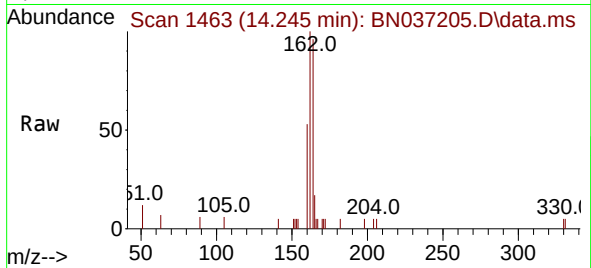




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.245 min Scan# 1463
 Delta R.T. 0.011 min
 Lab File: BN037205.D
 Acq: 09 Jun 2025 23:48

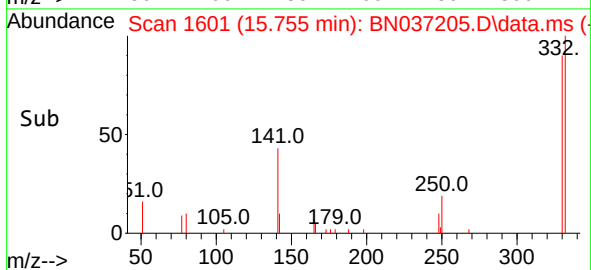
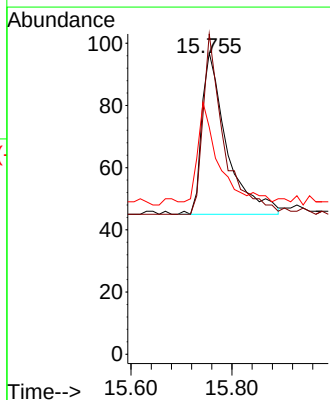
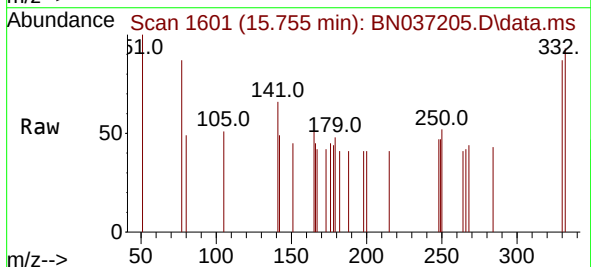
Instrument :
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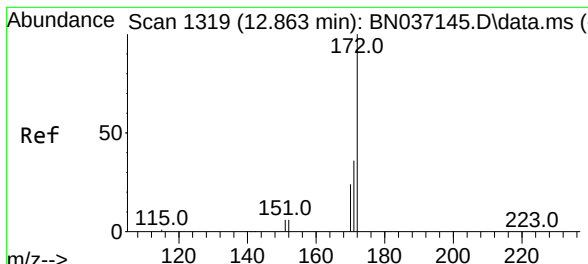
Tgt Ion:	164	Resp:	1776
Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.5	128.3
160	55.8	44.6	67.0



#14
 2,4,6-Tribromophenol
 Concen: 0.250 ng
 RT: 15.755 min Scan# 1601
 Delta R.T. 0.012 min
 Lab File: BN037205.D
 Acq: 09 Jun 2025 23:48

Tgt Ion:	330	Resp:	179
Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.1	115.7
141	49.7	46.4	69.6

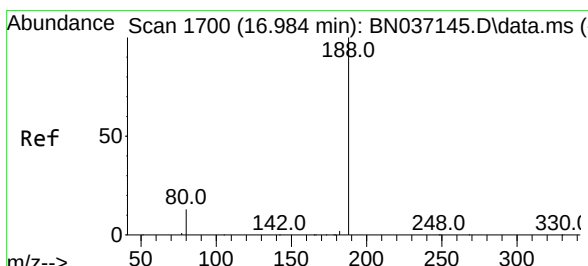
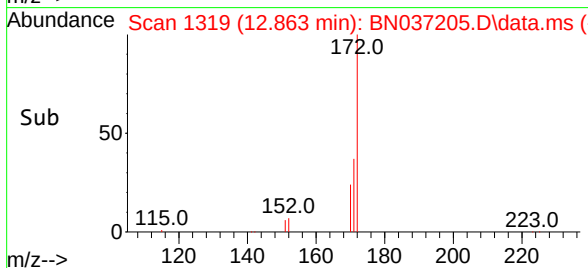
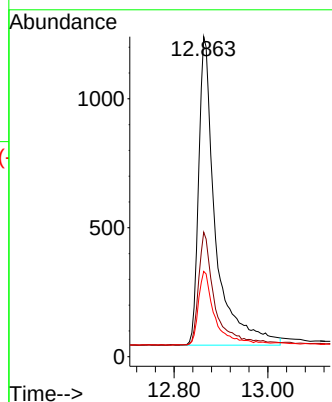
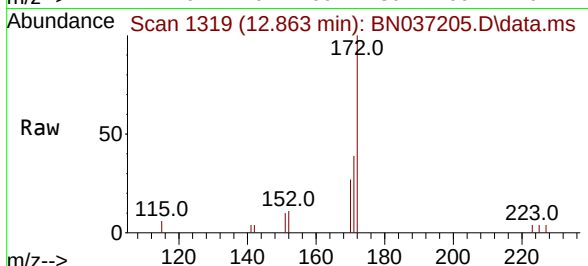




#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48

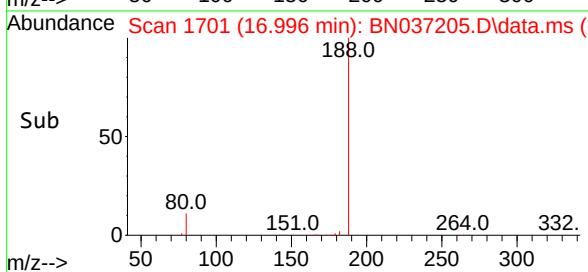
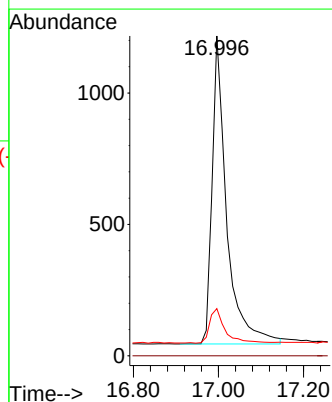
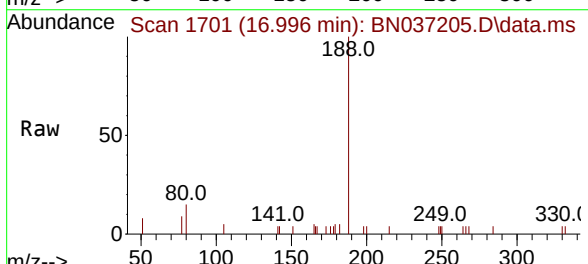
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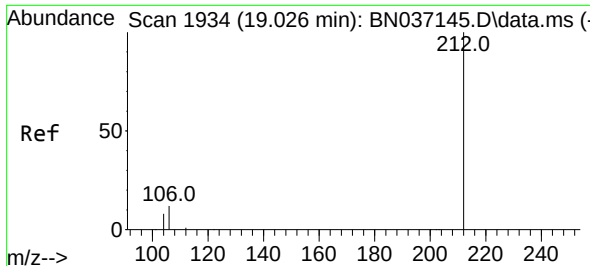
Tgt Ion:	172	Resp:	3136
Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.6	44.4
170	26.7	20.3	30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1701
Delta R.T. 0.012 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48

Tgt Ion:	188	Resp:	2785
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.8	11.3	16.9

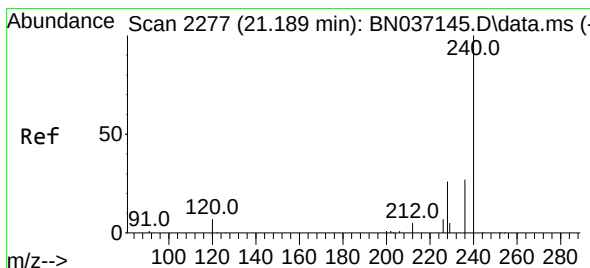
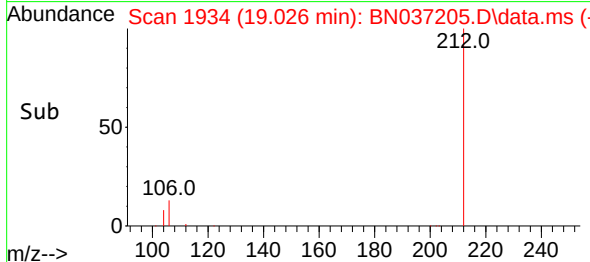
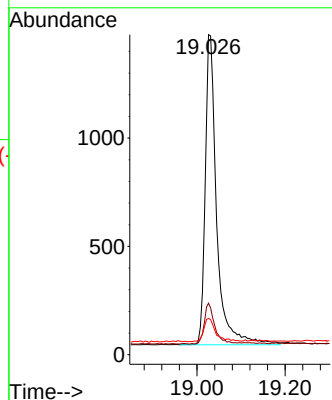
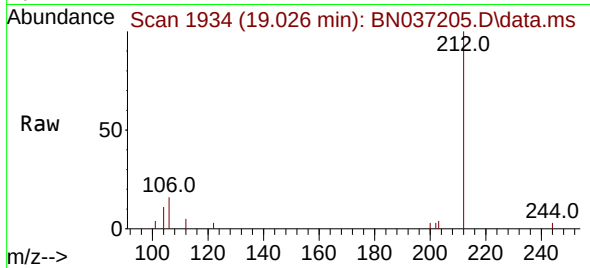




#27
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48

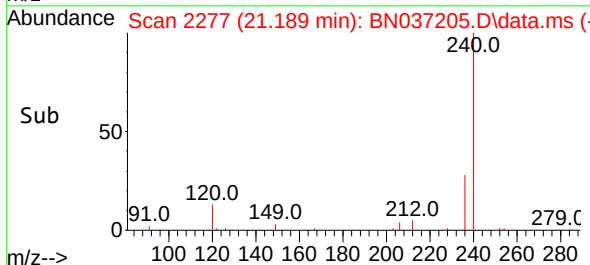
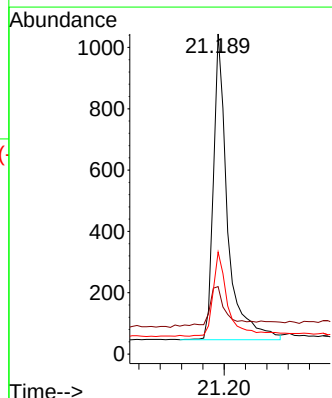
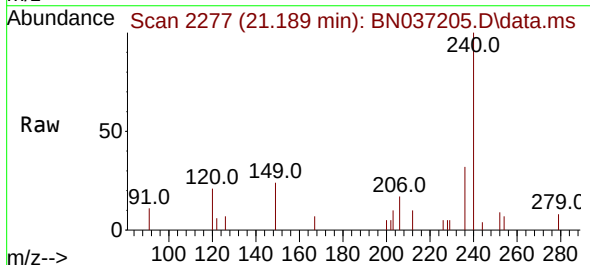
Instrument :
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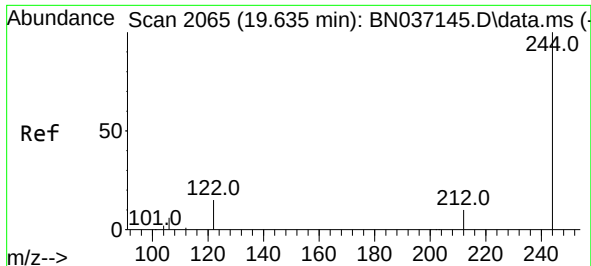
Tgt Ion:212 Resp: 2587
Ion Ratio Lower Upper
212 100
106 11.9 10.6 15.8
104 8.0 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037205.D
Acq: 09 Jun 2025 23:48

Tgt Ion:240 Resp: 1823
Ion Ratio Lower Upper
240 100
120 21.1 9.0 13.4#
236 31.9 23.0 34.4

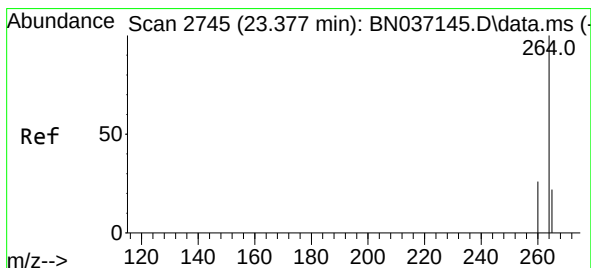
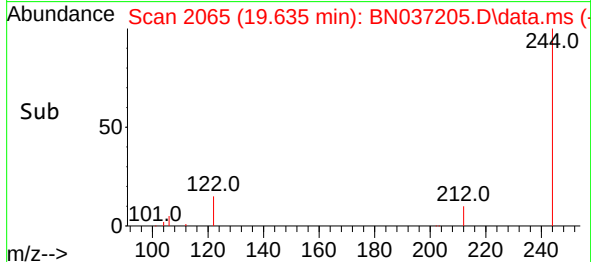
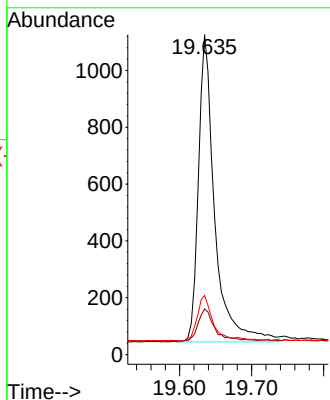
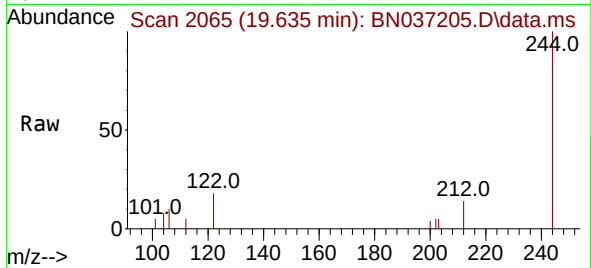




#31
 Terphenyl-d14
 Concen: 0.395 ng
 RT: 19.635 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: BN037205.D
 Acq: 09 Jun 2025 23:48

Instrument :
 BNA_N
 ClientSampleId :
 PB168336BL

Tgt Ion:244	Resp:	1697	
Ion	Ratio	Lower	Upper
244	100		
212	14.3	10.0	15.0
122	18.5	13.2	19.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.380 min Scan# 2746
 Delta R.T. 0.003 min
 Lab File: BN037205.D
 Acq: 09 Jun 2025 23:48

Tgt Ion:264	Resp:	1982	
Ion	Ratio	Lower	Upper
264	100		
260	29.6	22.1	33.1
265	103.4	55.8	83.8#

