

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061124\
 Data File : BN031906.D
 Acq On : 11 Jun 2024 11:21
 Operator : MA/JU
 Sample : PB161392BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161392BL

Quant Time: Jun 11 11:47:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 15:47:32 2024
 Response via : Initial Calibration

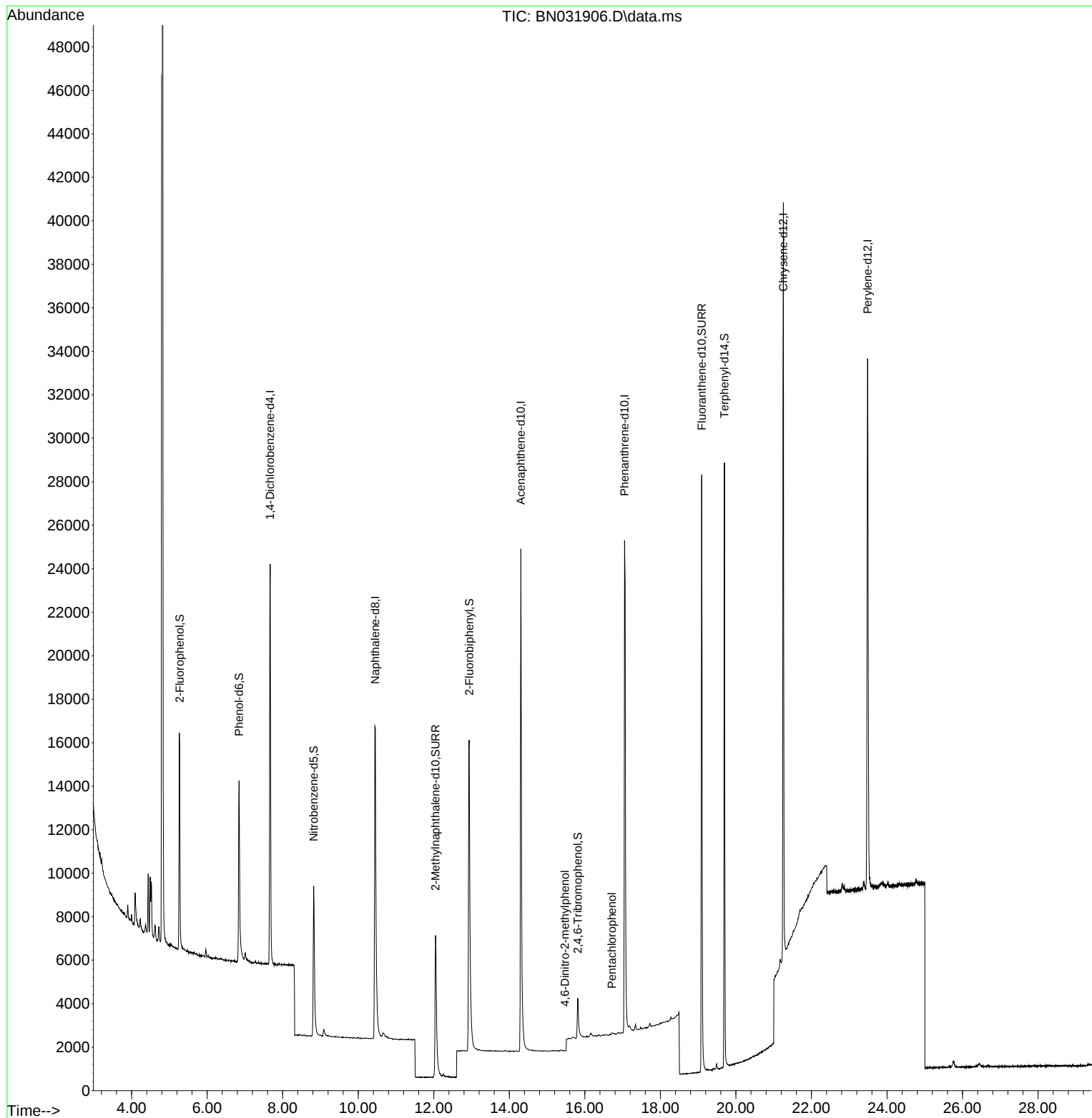
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.668	152	9876	0.400	ng	0.00
7) Naphthalene-d8	10.453	136	29865	0.400	ng	0.00
13) Acenaphthene-d10	14.306	164	17215	0.400	ng	-0.01
19) Phenanthrene-d10	17.053	188	40652	0.400	ng	#-0.01
29) Chrysene-d12	21.256	240	33470	0.400	ng	0.00
35) Perylene-d12	23.487	264	33761	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.270	112	8794	0.313	ng	0.00
5) Phenol-d6	6.844	99	10465	0.284	ng	0.00
8) Nitrobenzene-d5	8.820	82	7839	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	12.047	152	14812	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.812	330	1523	0.185	ng	0.00
15) 2-Fluorobiphenyl	12.938	172	21999	0.337	ng	0.01
27) Fluoranthene-d10	19.096	212	35261	0.319	ng	0.00
31) Terphenyl-d14	19.695	244	28465	0.348	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.472	198	3	0.175	ng	# 1
24) Pentachlorophenol	16.718	266	74	0.175	ng	# 81

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

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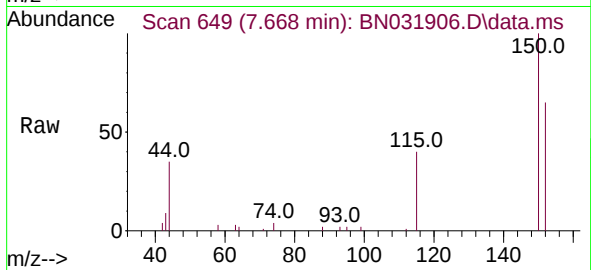
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 15:47:32 2024
Response via : Initial Calibration



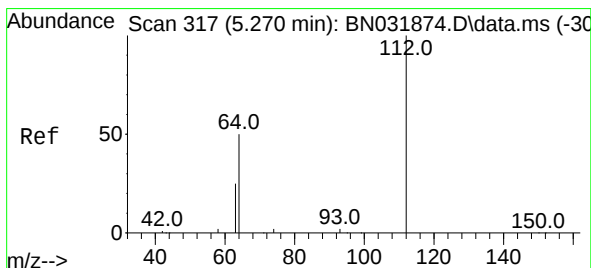
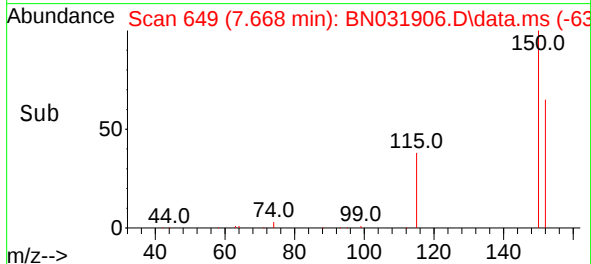
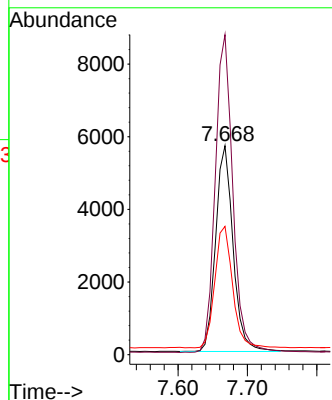


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.668 min Scan# 649
Delta R.T. -0.007 min
Lab File: BN031906.D
Acq: 11 Jun 2024 11:21

Instrument :
BNA_N
ClientSampleId :
PB161392BL

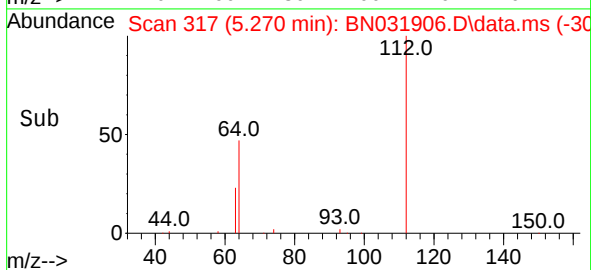
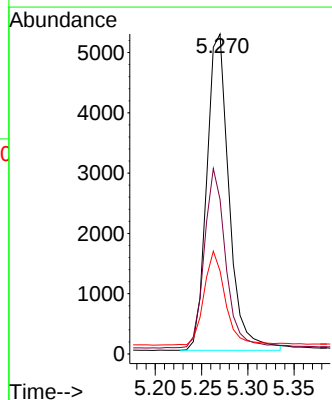
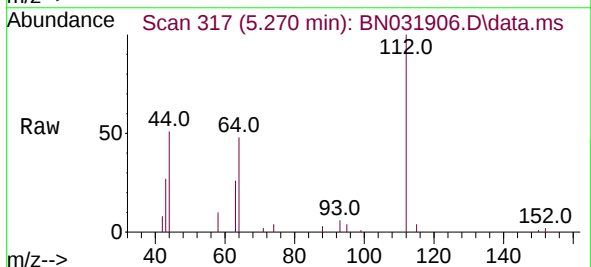


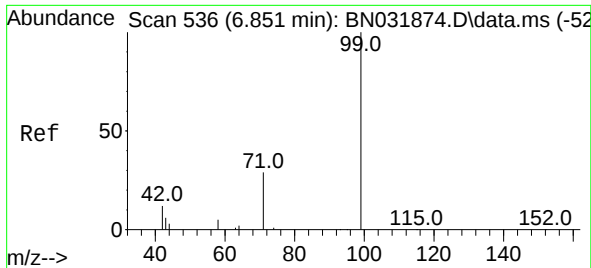
Tgt Ion:152 Resp: 9876
Ion Ratio Lower Upper
152 100
150 153.2 121.0 181.4
115 61.4 49.4 74.0



#4
2-Fluorophenol
Concen: 0.313 ng
RT: 5.270 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN031906.D
Acq: 11 Jun 2024 11:21

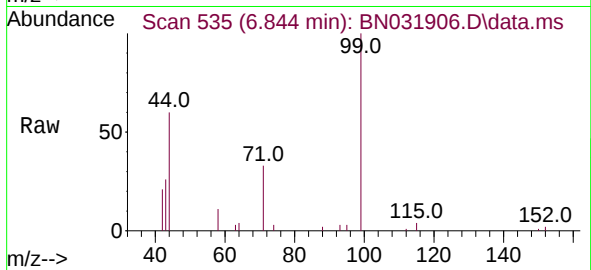
Tgt Ion:112 Resp: 8794
Ion Ratio Lower Upper
112 100
64 54.7 42.4 63.6
63 28.4 22.1 33.1



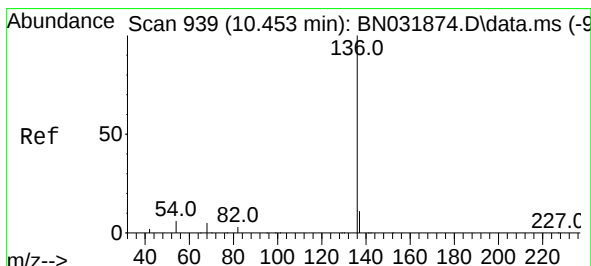
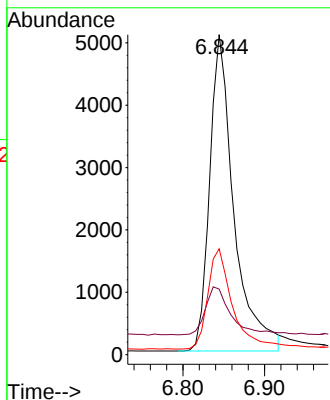
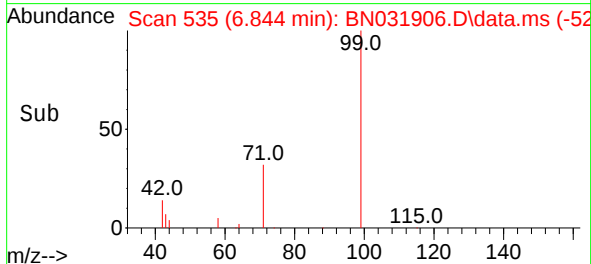


#5
Phenol-d6
Concen: 0.284 ng
RT: 6.844 min Scan# 536
Delta R.T. -0.007 min
Lab File: BN031906.D
Acq: 11 Jun 2024 11:21

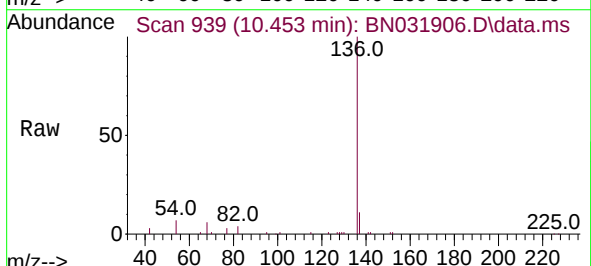
Instrument :
BNA_N
ClientSampleId :
PB161392BL



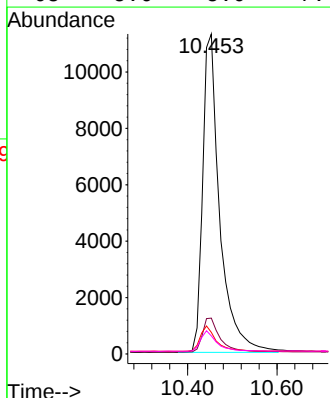
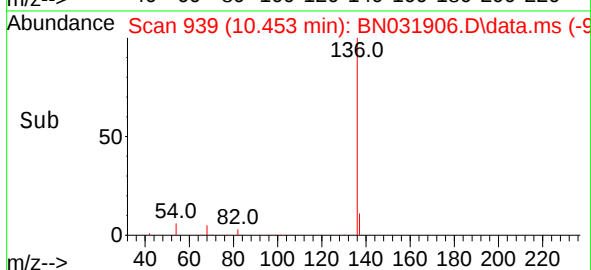
Tgt Ion: 99 Resp: 10465
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 32.3 25.4 38.2

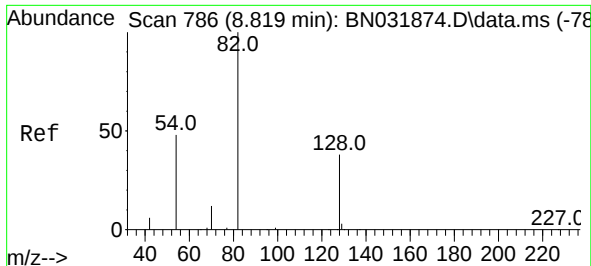


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.453 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN031906.D
Acq: 11 Jun 2024 11:21



Tgt Ion: 136 Resp: 29865
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.8 5.6 8.4
68 5.6 5.0 7.4

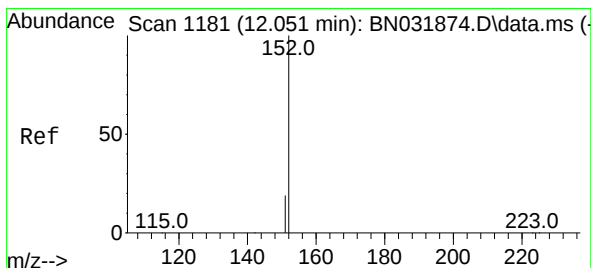
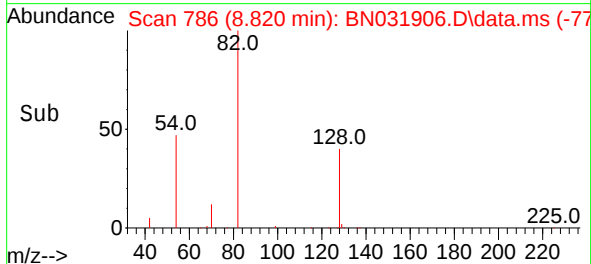
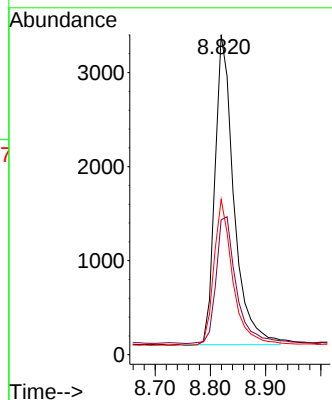
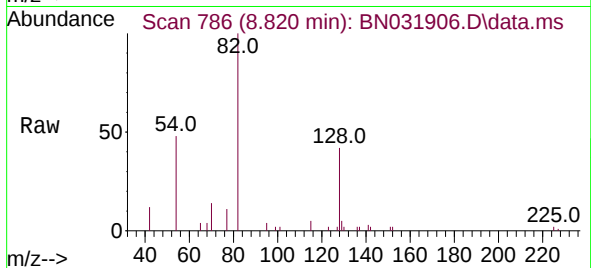




#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.820 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN031906.D
Acq: 11 Jun 2024 11:21

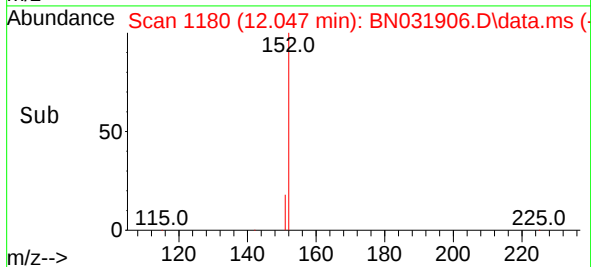
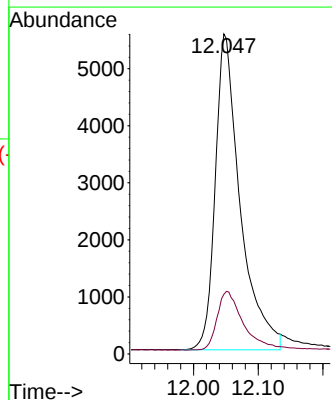
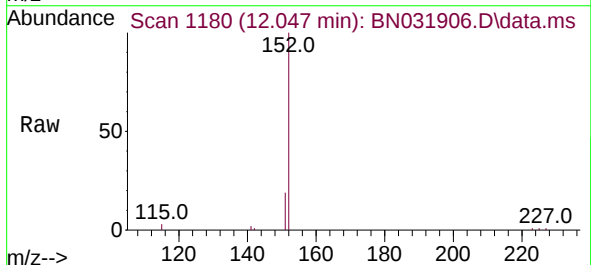
Instrument :
BNA_N
ClientSampleId :
PB161392BL

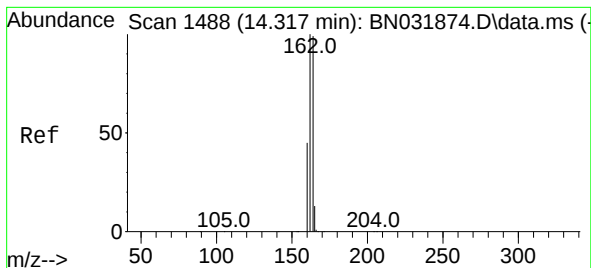
Tgt Ion: 82 Resp: 7839
Ion Ratio Lower Upper
82 100
128 42.2 32.1 48.1
54 48.5 39.7 59.5



#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.047 min Scan# 1180
Delta R.T. -0.004 min
Lab File: BN031906.D
Acq: 11 Jun 2024 11:21

Tgt Ion: 152 Resp: 14812
Ion Ratio Lower Upper
152 100
151 19.3 16.3 24.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.306 min Scan# 1488

Delta R.T. -0.011 min

Lab File: BN031906.D

Acq: 11 Jun 2024 11:21

Instrument :

BNA_N

ClientSampleId :

PB161392BL

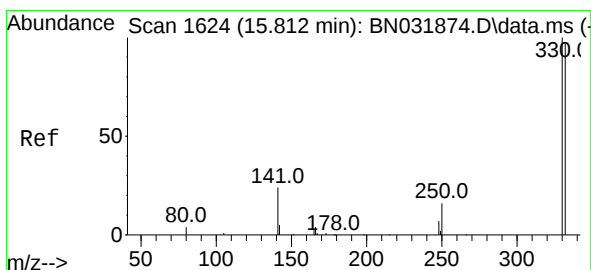
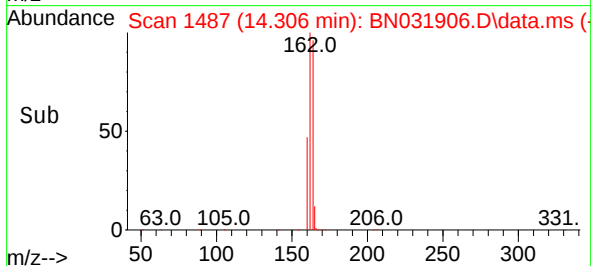
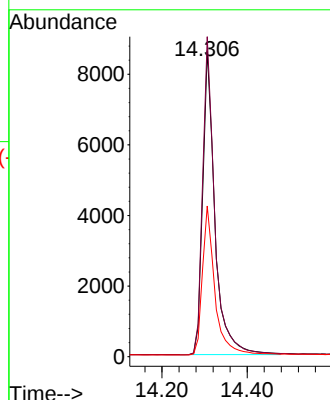
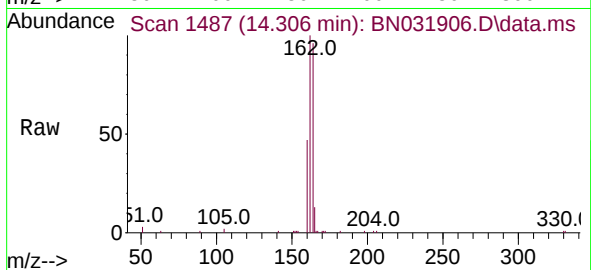
Tgt Ion:164 Resp: 17215

Ion Ratio Lower Upper

164 100

162 104.5 80.7 121.1

160 49.2 36.2 54.4



#14

2,4,6-Tribromophenol

Concen: 0.185 ng

RT: 15.812 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BN031906.D

Acq: 11 Jun 2024 11:21

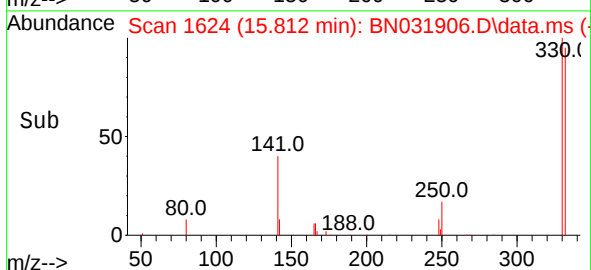
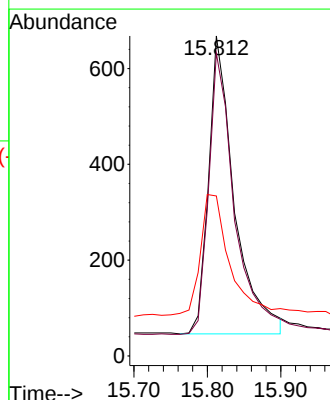
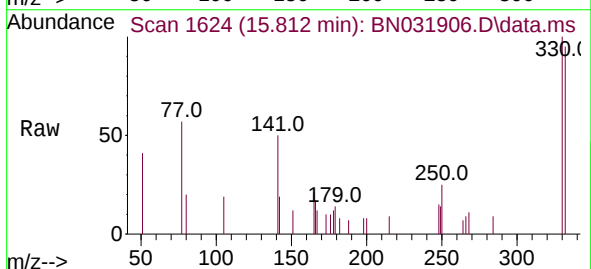
Tgt Ion:330 Resp: 1523

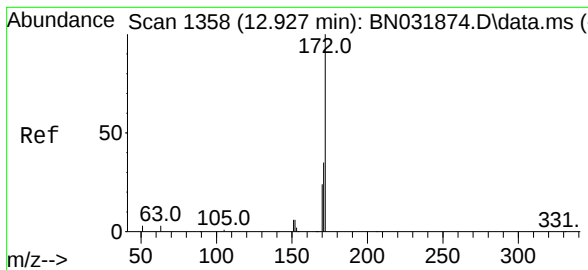
Ion Ratio Lower Upper

330 100

332 95.1 77.5 116.3

141 45.2 34.7 52.1

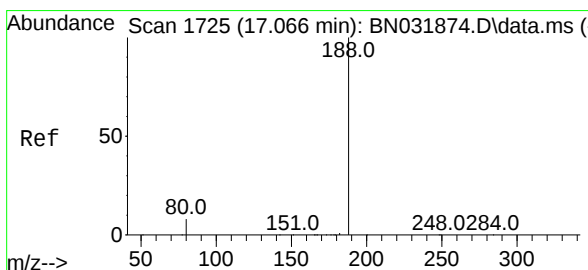
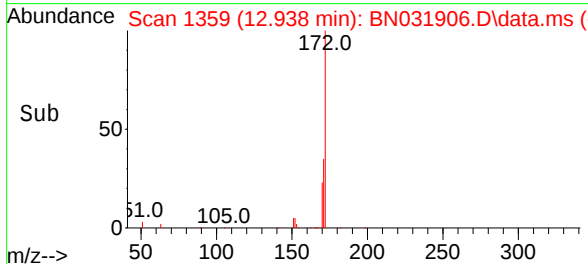
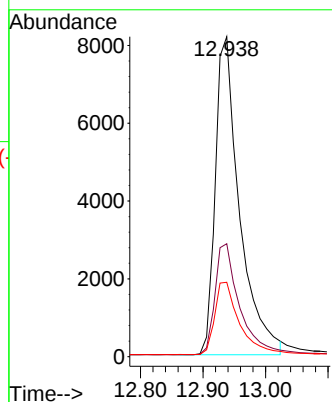
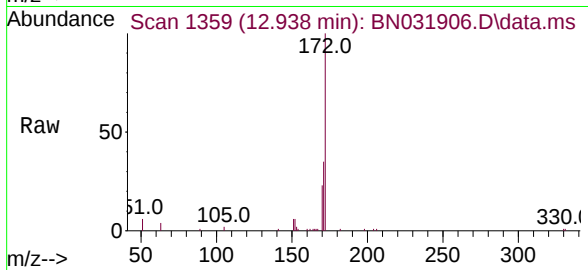




#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 12.938 min Scan# 1358
Delta R.T. 0.011 min
Lab File: BN031906.D
Acq: 11 Jun 2024 11:21

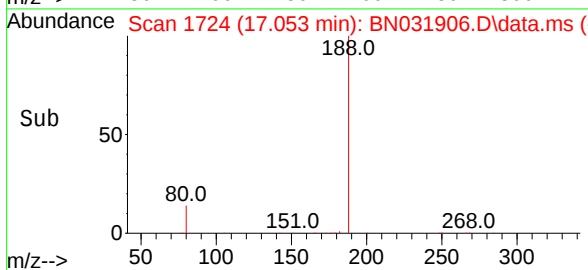
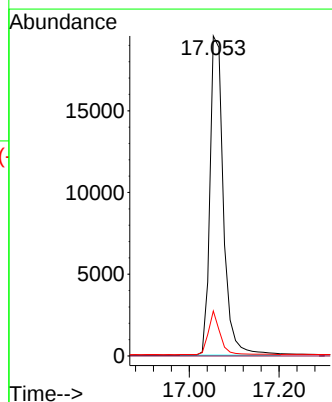
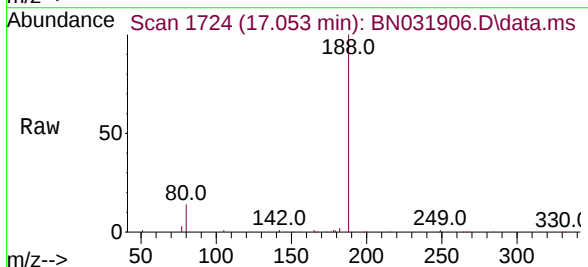
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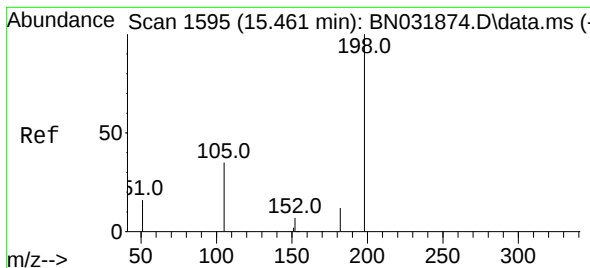
Tgt Ion:172 Resp: 21999
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.2 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.053 min Scan# 1724
Delta R.T. -0.012 min
Lab File: BN031906.D
Acq: 11 Jun 2024 11:21

Tgt Ion:188 Resp: 40652
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 6.4 9.6#

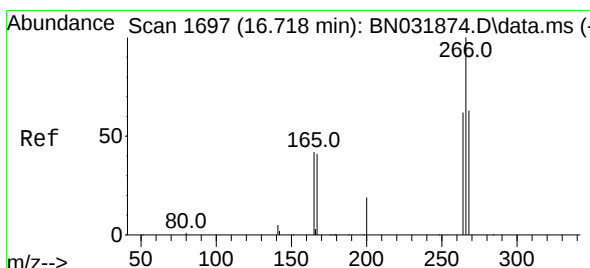
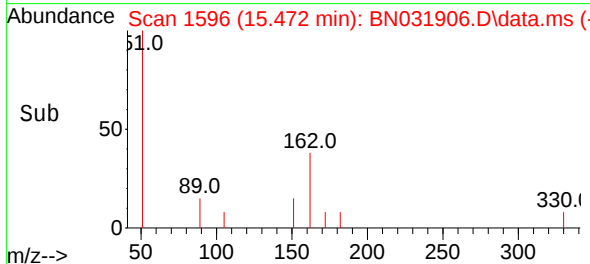
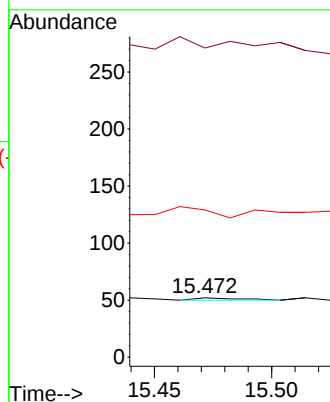
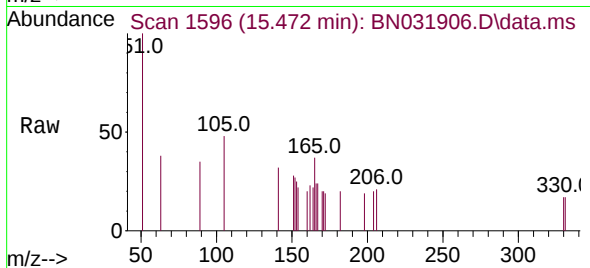




#20
4,6-Dinitro-2-methylphenol
Concen: 0.175 ng
RT: 15.472 min Scan# 1596
Delta R.T. 0.011 min
Lab File: BN031906.D
Acq: 11 Jun 2024 11:21

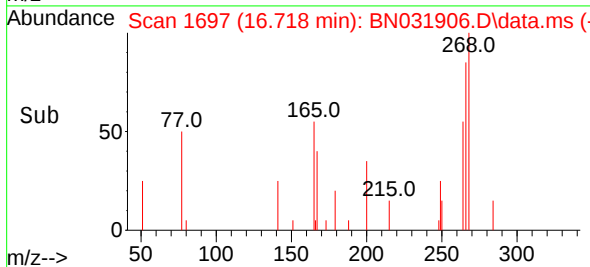
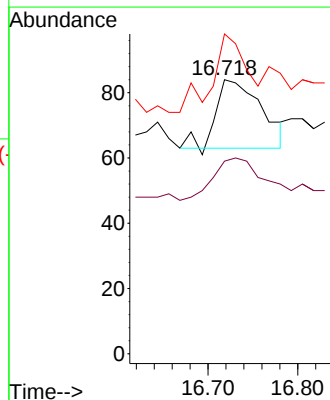
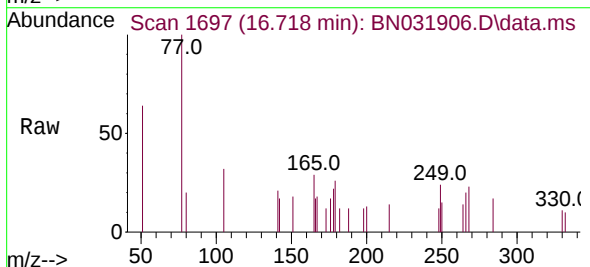
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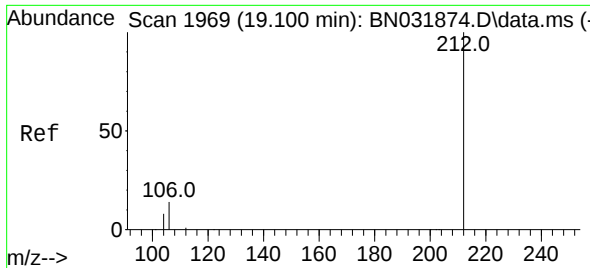
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 521.2 42.7 64.1#
105 248.1 41.8 62.8#



#24
Pentachlorophenol
Concen: 0.175 ng
RT: 16.718 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN031906.D
Acq: 11 Jun 2024 11:21

Tgt Ion:266 Resp: 74
Ion Ratio Lower Upper
266 100
264 68.9 50.0 75.0
268 86.5 51.0 76.6#

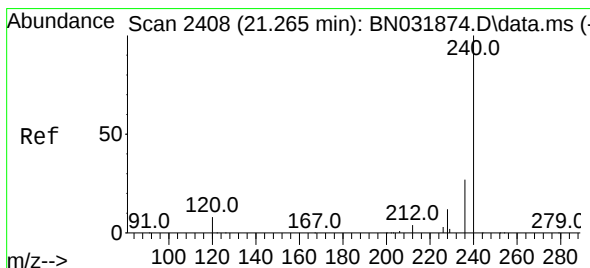
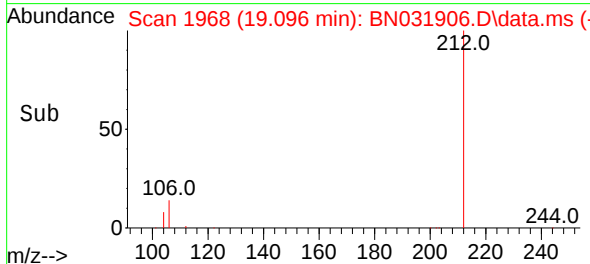
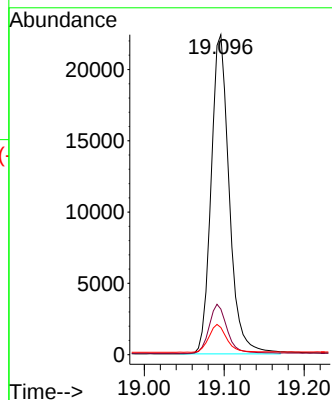
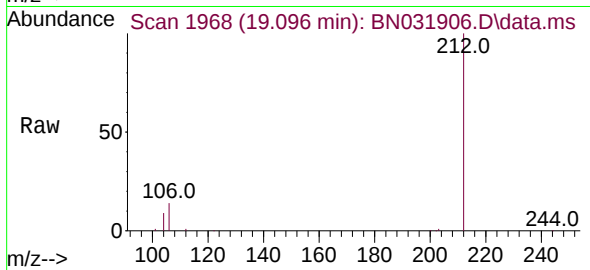




#27
Fluoranthene-d10
Concen: 0.319 ng
RT: 19.096 min Scan# 1906
Delta R.T. -0.005 min
Lab File: BN031906.D
Acq: 11 Jun 2024 11:21

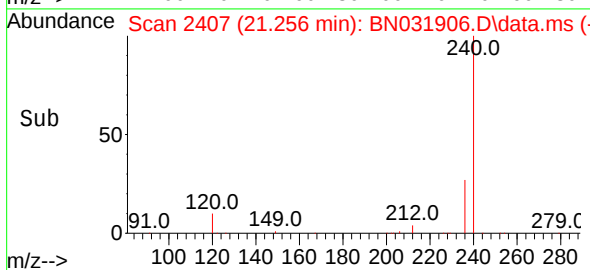
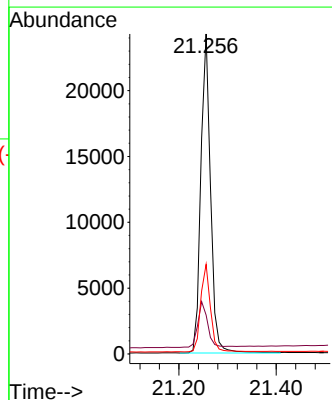
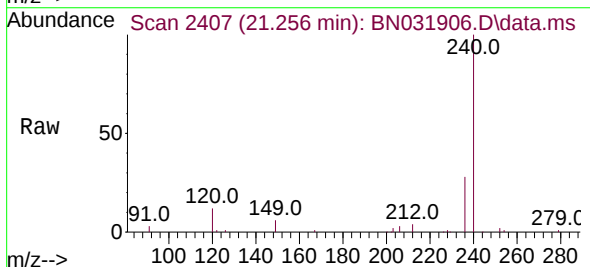
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PB161392BL

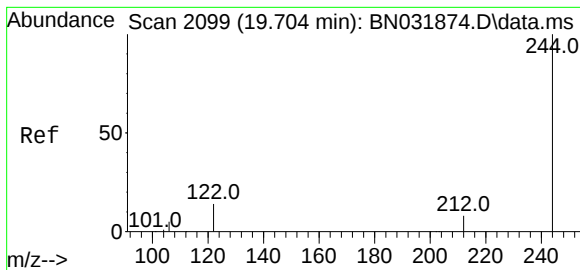
Tgt Ion:212 Resp: 35261
Ion Ratio Lower Upper
212 100
106 15.3 11.8 17.8
104 8.6 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.256 min Scan# 2407
Delta R.T. -0.009 min
Lab File: BN031906.D
Acq: 11 Jun 2024 11:21

Tgt Ion:240 Resp: 33470
Ion Ratio Lower Upper
240 100
120 12.1 8.2 12.4
236 28.0 21.8 32.8

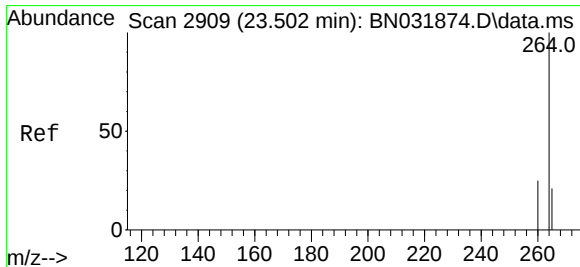
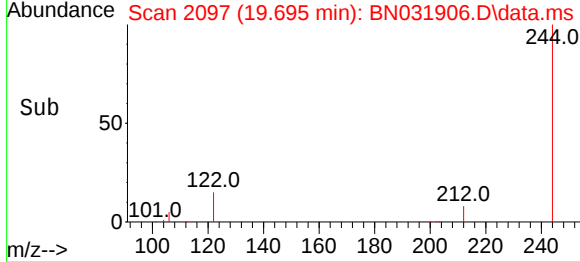
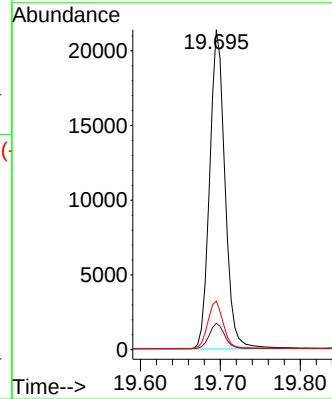
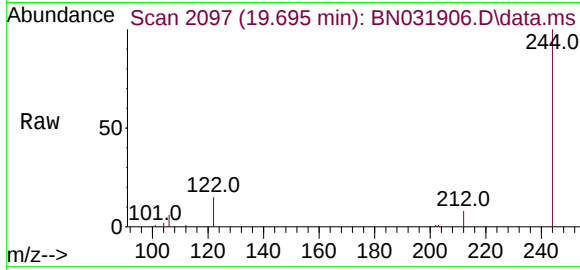




#31
Terphenyl-d14
Concen: 0.348 ng
RT: 19.695 min Scan# 2097
Delta R.T. -0.009 min
Lab File: BN031906.D
Acq: 11 Jun 2024 11:21

Instrument :
BNA_N
ClientSampleId :
PB161392BL

Tgt Ion:244 Resp: 28465
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 15.2 11.4 17.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.487 min Scan# 2904
Delta R.T. -0.015 min
Lab File: BN031906.D
Acq: 11 Jun 2024 11:21

Tgt Ion:264 Resp: 33761
Ion Ratio Lower Upper
264 100
260 25.4 20.5 30.7
265 56.0 39.6 59.4

