

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
 Data File : BN030950.D
 Acq On : 15 Apr 2024 23:58
 Operator : MA/JU
 Sample : PB160202BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB160202BL

Quant Time: Apr 16 00:26:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 17:03:47 2024
 Response via : Initial Calibration

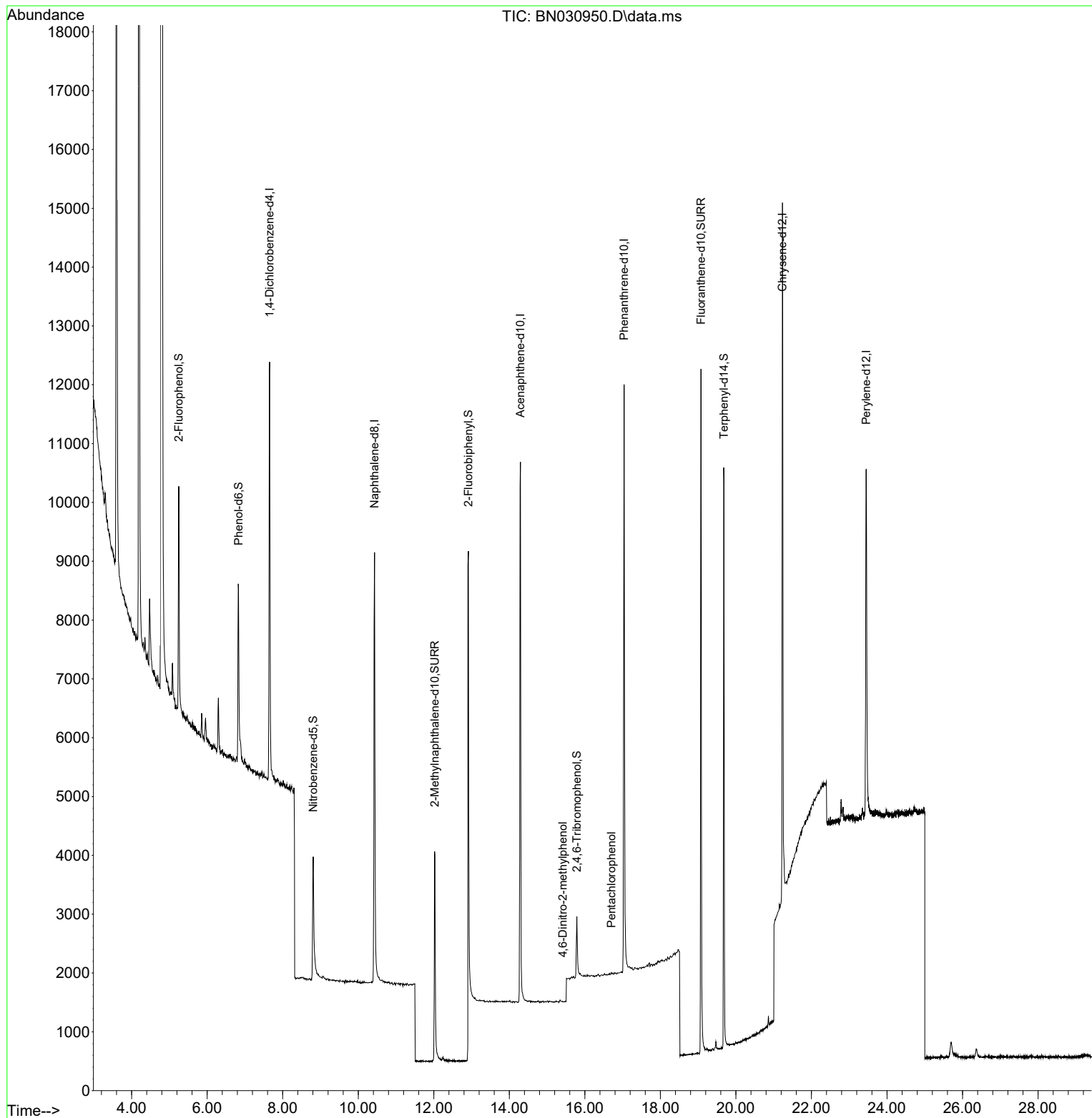
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.653	152	3953	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	11347	0.400	ng	0.00
13) Acenaphthene-d10	14.295	164	5967	0.400	ng	0.00
19) Phenanthrene-d10	17.040	188	14502	0.400	ng	0.00
29) Chrysene-d12	21.231	240	11765	0.400	ng	# 0.00
35) Perylene-d12	23.451	264	8850	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	3362	0.382	ng	0.00
5) Phenol-d6	6.830	99	3738	0.350	ng	0.00
8) Nitrobenzene-d5	8.809	82	2437	0.310	ng	0.01
11) 2-Methylnaphthalene-d10	12.024	152	5719	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	682	0.295	ng	0.00
15) 2-Fluorobiphenyl	12.916	172	7313	0.365	ng	0.01
27) Fluoranthene-d10	19.075	212	13511	0.346	ng	0.00
31) Terphenyl-d14	19.683	244	9960	0.365	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.417	198	4	0.104	ng	# 1
24) Pentachlorophenol	16.705	266	28	0.134	ng	# 45

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

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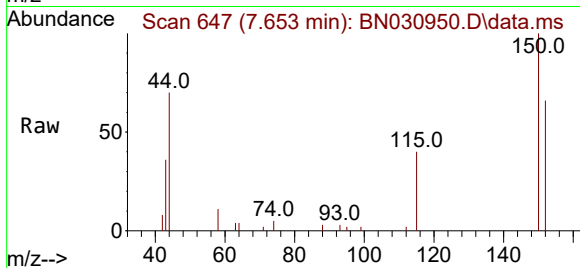
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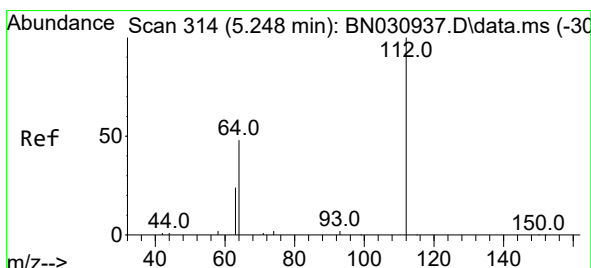
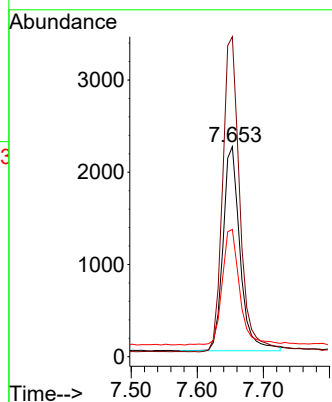
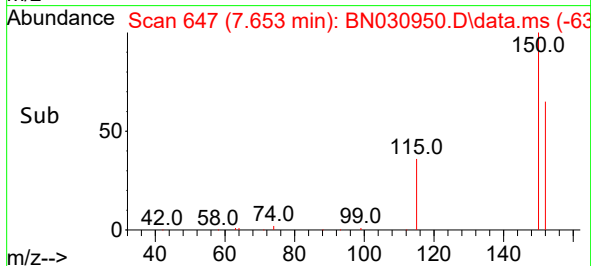


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.653 min Scan# 647
Delta R.T. 0.000 min
Lab File: BN030950.D
Acq: 15 Apr 2024 23:58

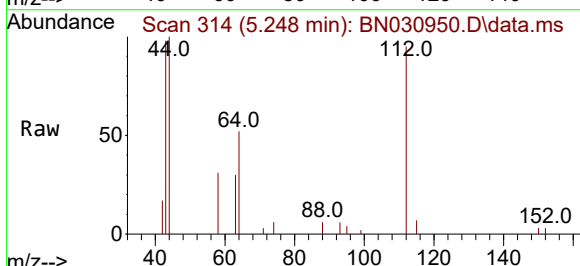
Instrument :
BNA_N
ClientSampleId :
PB160202BL



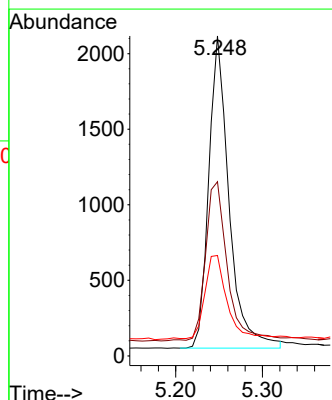
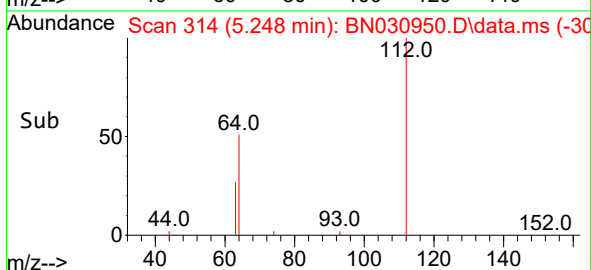
Tgt Ion:152 Resp: 3953
Ion Ratio Lower Upper
152 100
150 152.3 121.7 182.5
115 60.5 47.8 71.8

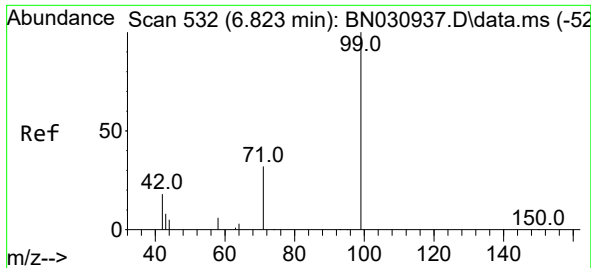


#4
2-Fluorophenol
Concen: 0.382 ng
RT: 5.248 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN030950.D
Acq: 15 Apr 2024 23:58



Tgt Ion:112 Resp: 3362
Ion Ratio Lower Upper
112 100
64 55.3 43.4 65.2
63 30.2 22.2 33.2

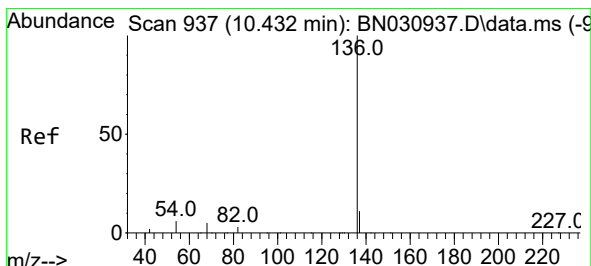
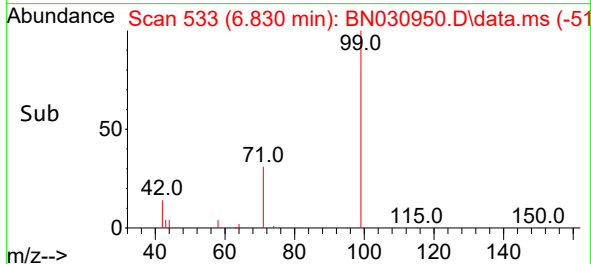
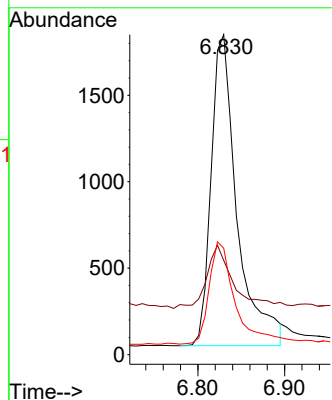
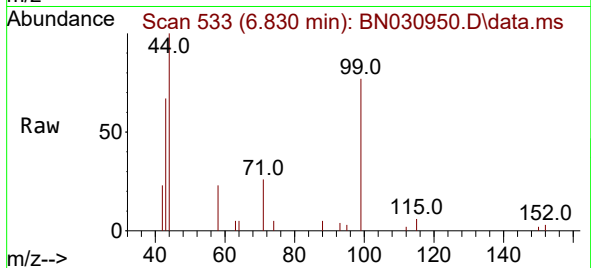




#5
Phenol-d6
Concen: 0.350 ng
RT: 6.830 min Scan# 511
Delta R.T. 0.007 min
Lab File: BN030950.D
Acq: 15 Apr 2024 23:58

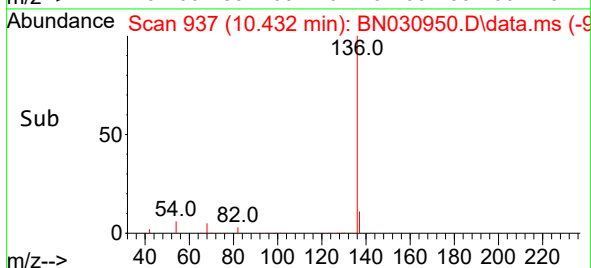
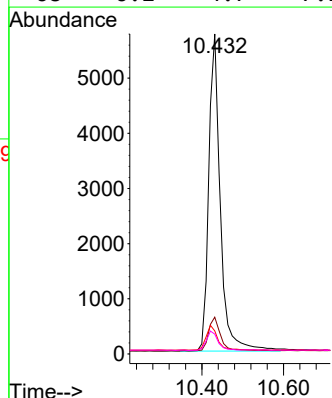
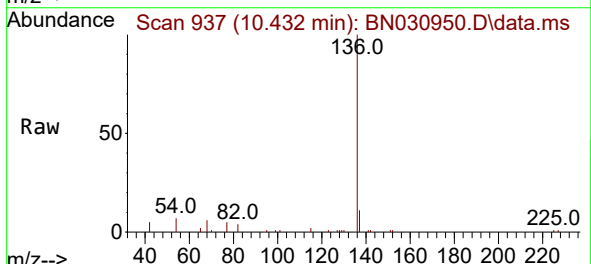
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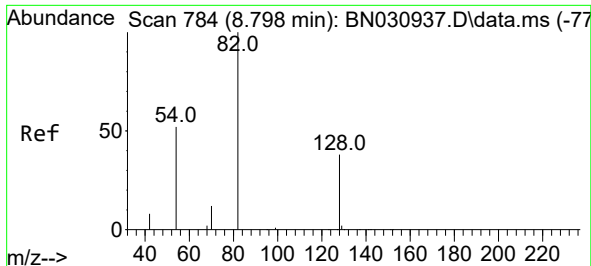
Tgt Ion:	99	Resp:	3738
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.4	24.6
71	32.6	26.3	39.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN030950.D
Acq: 15 Apr 2024 23:58

Tgt Ion:	136	Resp:	11347
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	7.2	5.3	7.9
68	6.2	4.7	7.1

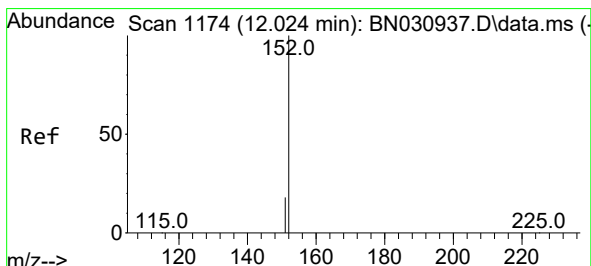
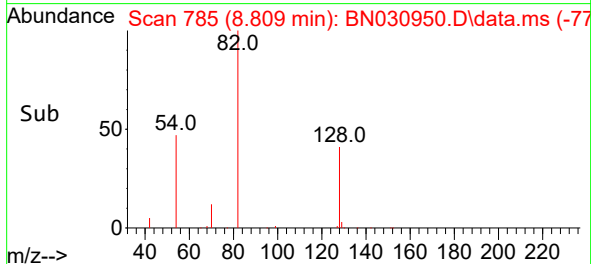
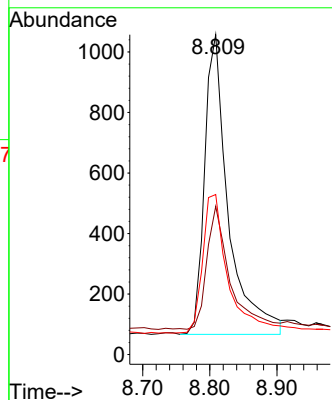
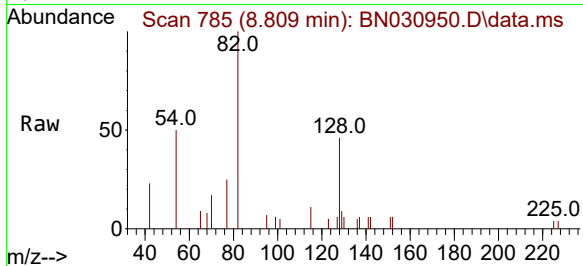




#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.809 min Scan# 71
Delta R.T. 0.010 min
Lab File: BN030950.D
Acq: 15 Apr 2024 23:58

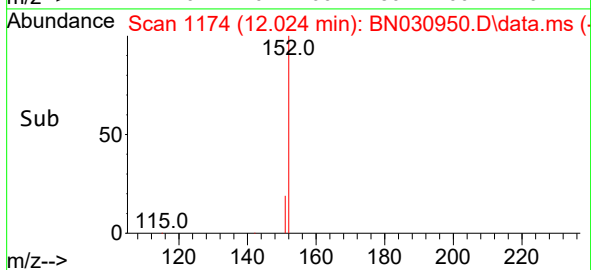
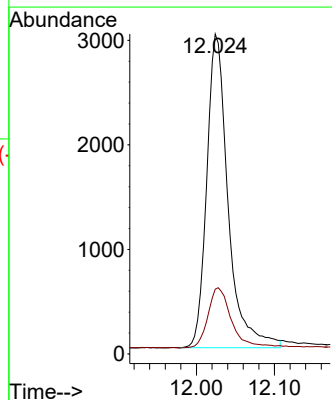
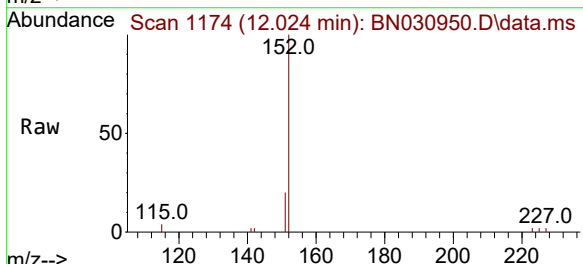
Instrument :
BNA_N
ClientSampleId :
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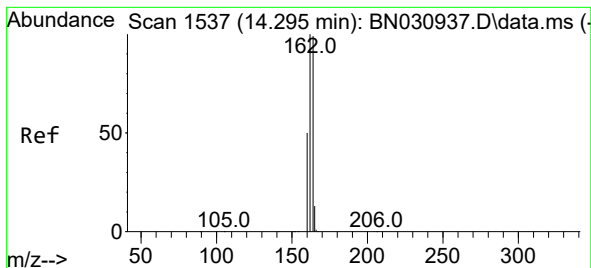
Tgt Ion: 82 Resp: 2437
Ion Ratio Lower Upper
82 100
128 46.4 33.7 50.5
54 50.0 43.7 65.5



#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.024 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN030950.D
Acq: 15 Apr 2024 23:58

Tgt Ion: 152 Resp: 5719
Ion Ratio Lower Upper
152 100
151 21.2 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.295 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BN030950.D

Acq: 15 Apr 2024 23:58

Instrument :

BNA_N

ClientSampleId :

PB160202BL

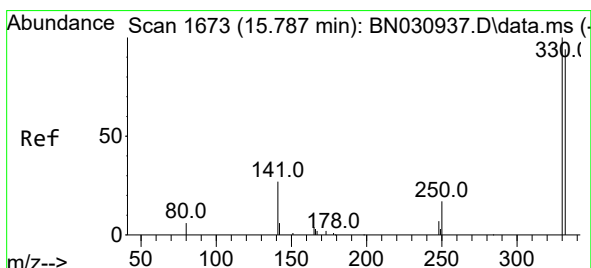
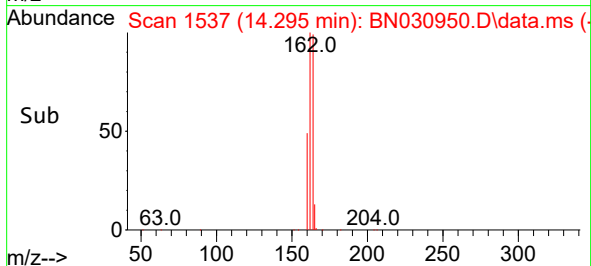
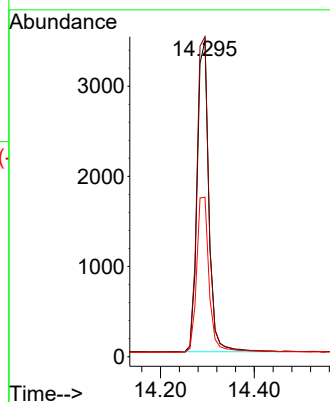
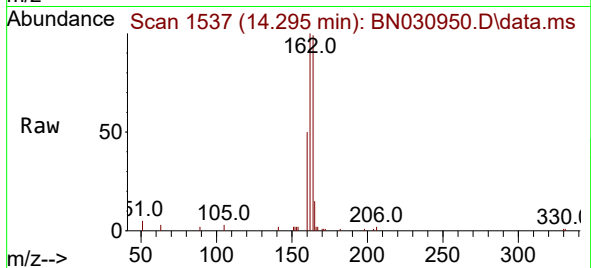
Tgt Ion:164 Resp: 5967

Ion Ratio Lower Upper

164 100

162 101.3 80.6 121.0

160 50.5 40.7 61.1



#14

2,4,6-Tribromophenol

Concen: 0.295 ng

RT: 15.787 min Scan# 1673

Delta R.T. -0.000 min

Lab File: BN030950.D

Acq: 15 Apr 2024 23:58

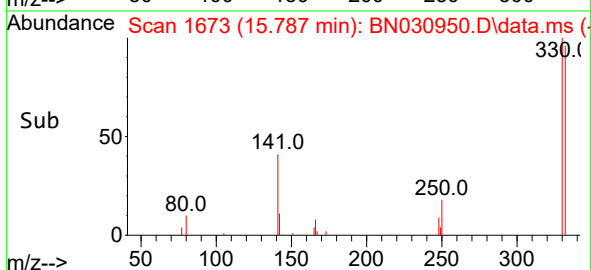
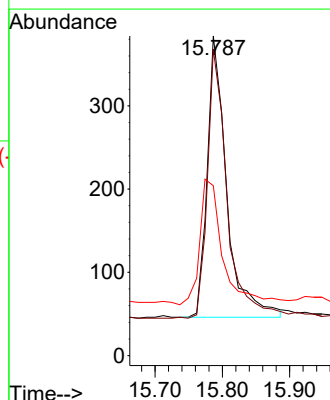
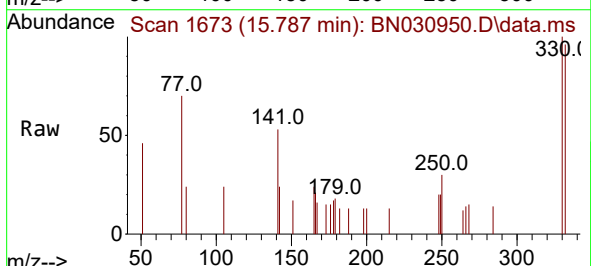
Tgt Ion:330 Resp: 682

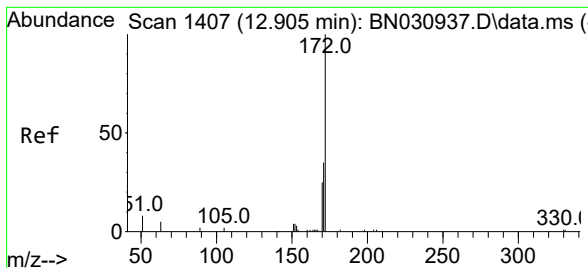
Ion Ratio Lower Upper

330 100

332 96.0 74.2 111.2

141 52.6 37.2 55.8

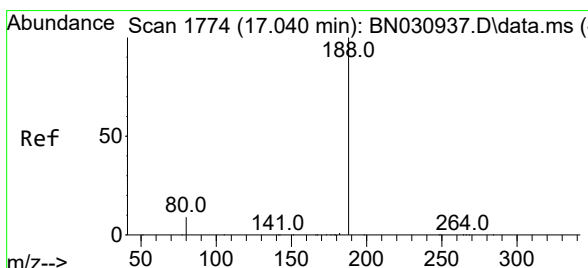
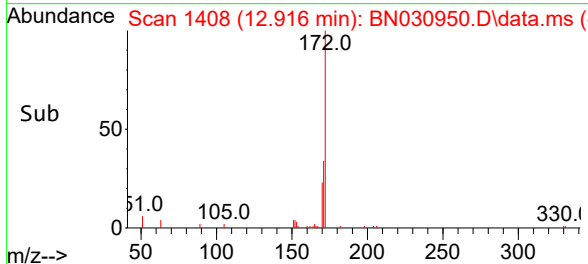
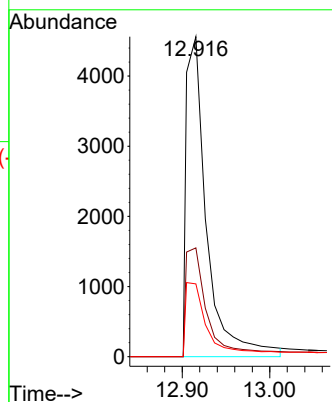
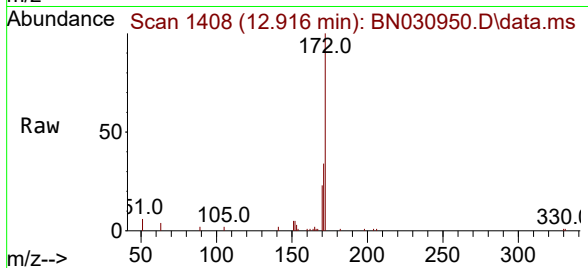




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.916 min Scan# 1408
Delta R.T. 0.011 min
Lab File: BN030950.D
Acq: 15 Apr 2024 23:58

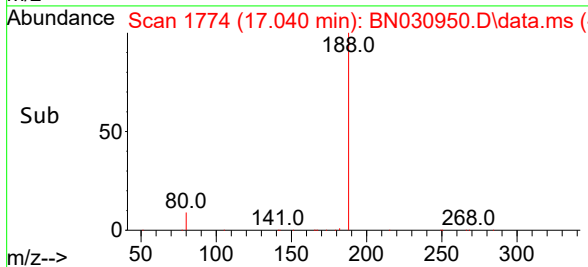
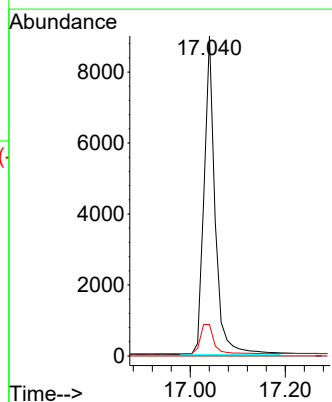
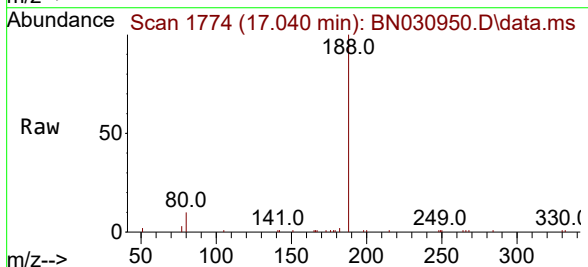
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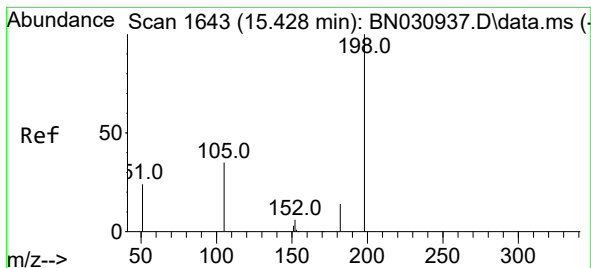
Tgt Ion:172 Resp: 7313
Ion Ratio Lower Upper
172 100
171 34.0 28.3 42.5
170 22.8 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.040 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BN030950.D
Acq: 15 Apr 2024 23:58

Tgt Ion:188 Resp: 14502
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 7.4 11.2

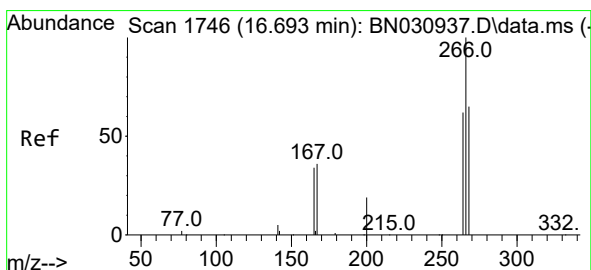
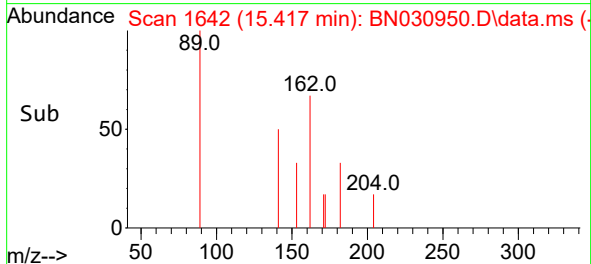
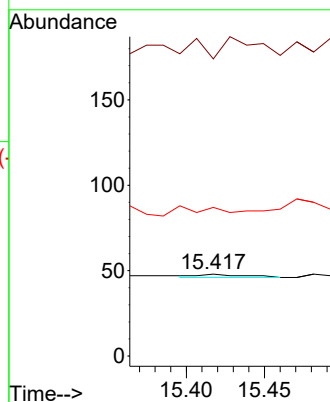
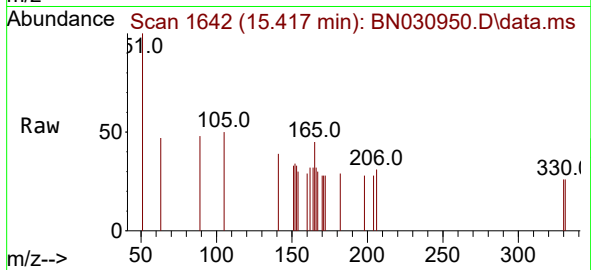




#20
4,6-Dinitro-2-methylphenol
Concen: 0.104 ng
RT: 15.417 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN030950.D
Acq: 15 Apr 2024 23:58

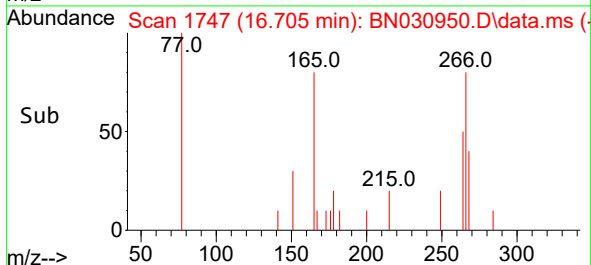
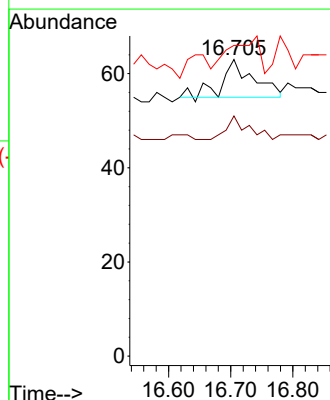
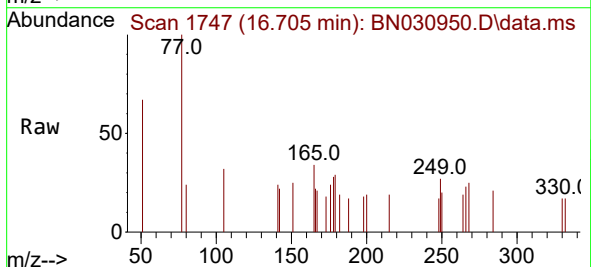
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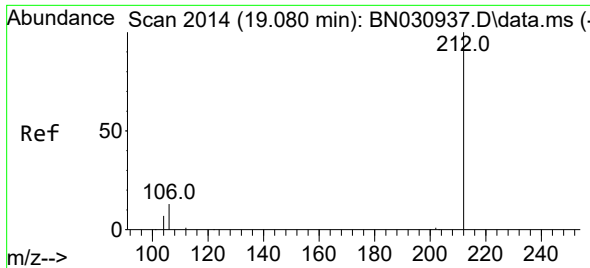
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 362.5 65.2 97.8#
105 181.3 41.0 61.4#



#24
Pentachlorophenol
Concen: 0.134 ng
RT: 16.705 min Scan# 1747
Delta R.T. 0.012 min
Lab File: BN030950.D
Acq: 15 Apr 2024 23:58

Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 42.9 50.2 75.2#
268 0.0 52.3 78.5#

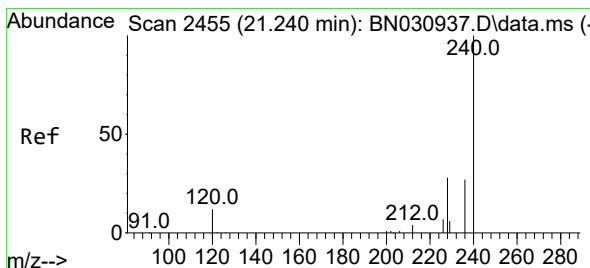
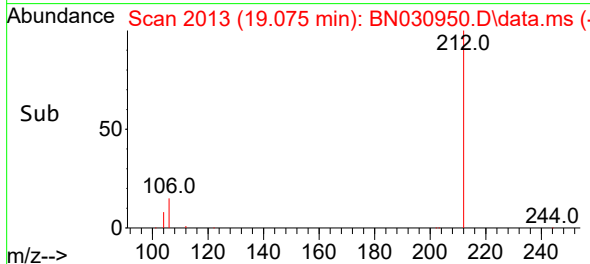
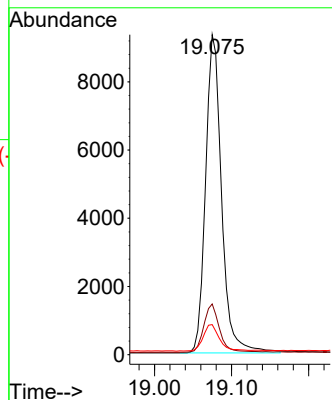
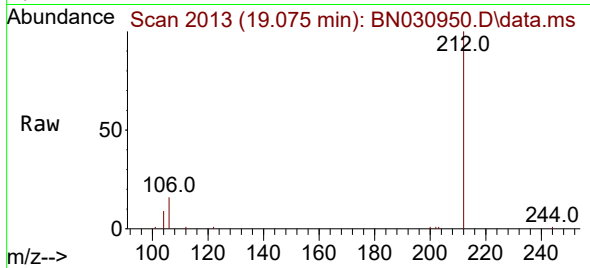




#27
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.075 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN030950.D
Acq: 15 Apr 2024 23:58

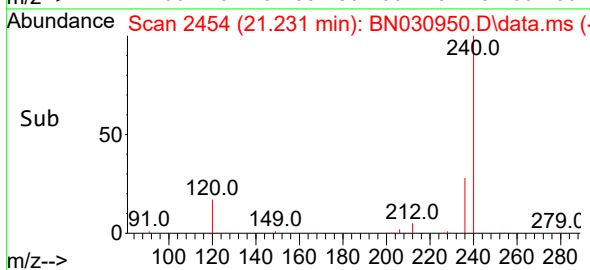
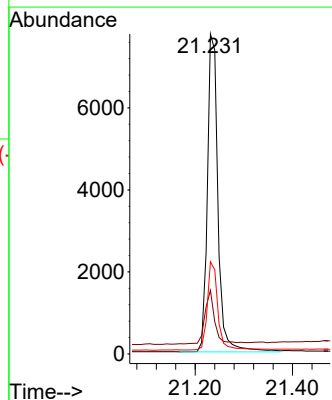
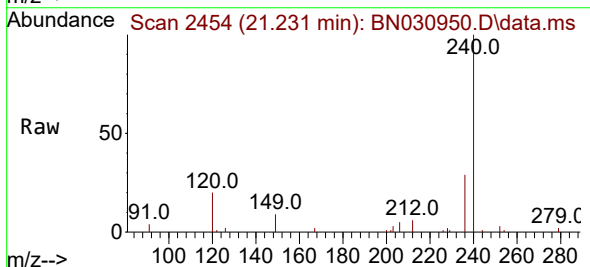
Instrument :
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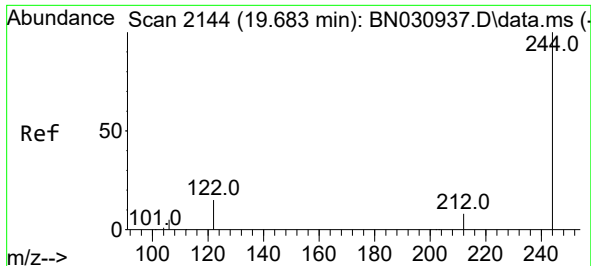
Tgt Ion:212 Resp: 13511
Ion Ratio Lower Upper
212 100
106 14.9 12.0 18.0
104 8.7 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.231 min Scan# 2454
Delta R.T. -0.009 min
Lab File: BN030950.D
Acq: 15 Apr 2024 23:58

Tgt Ion:240 Resp: 11765
Ion Ratio Lower Upper
240 100
120 19.9 11.0 16.4#
236 28.8 22.3 33.5

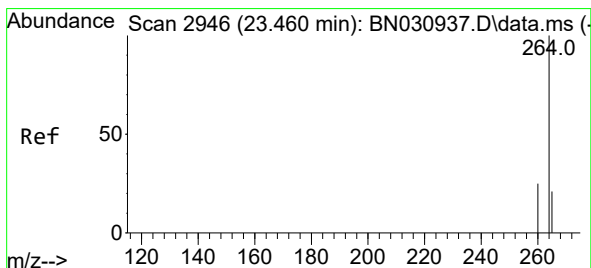
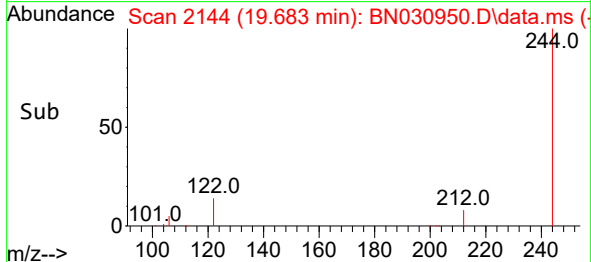
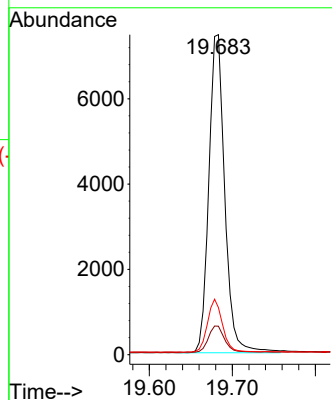
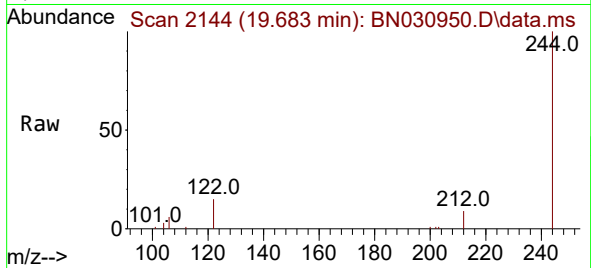




#31
Terphenyl-d14
Concen: 0.365 ng
RT: 19.683 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BN030950.D
Acq: 15 Apr 2024 23:58

Instrument :
BNA_N
ClientSampleId :
PB160202BL

Tgt Ion:244 Resp: 9960
Ion Ratio Lower Upper
244 100
212 8.9 7.2 10.8
122 14.7 12.7 19.1



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.451 min Scan# 2943
Delta R.T. -0.009 min
Lab File: BN030950.D
Acq: 15 Apr 2024 23:58

Tgt Ion:264 Resp: 8850
Ion Ratio Lower Upper
264 100
260 26.0 20.6 31.0
265 90.6 53.3 79.9#

