

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050824\
 Data File : BN031433.D
 Acq On : 08 May 2024 10:59
 Operator : MA/JU
 Sample : PB160696BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB160696BL

Quant Time: May 08 12:07:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 17:14:43 2024
 Response via : Initial Calibration

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

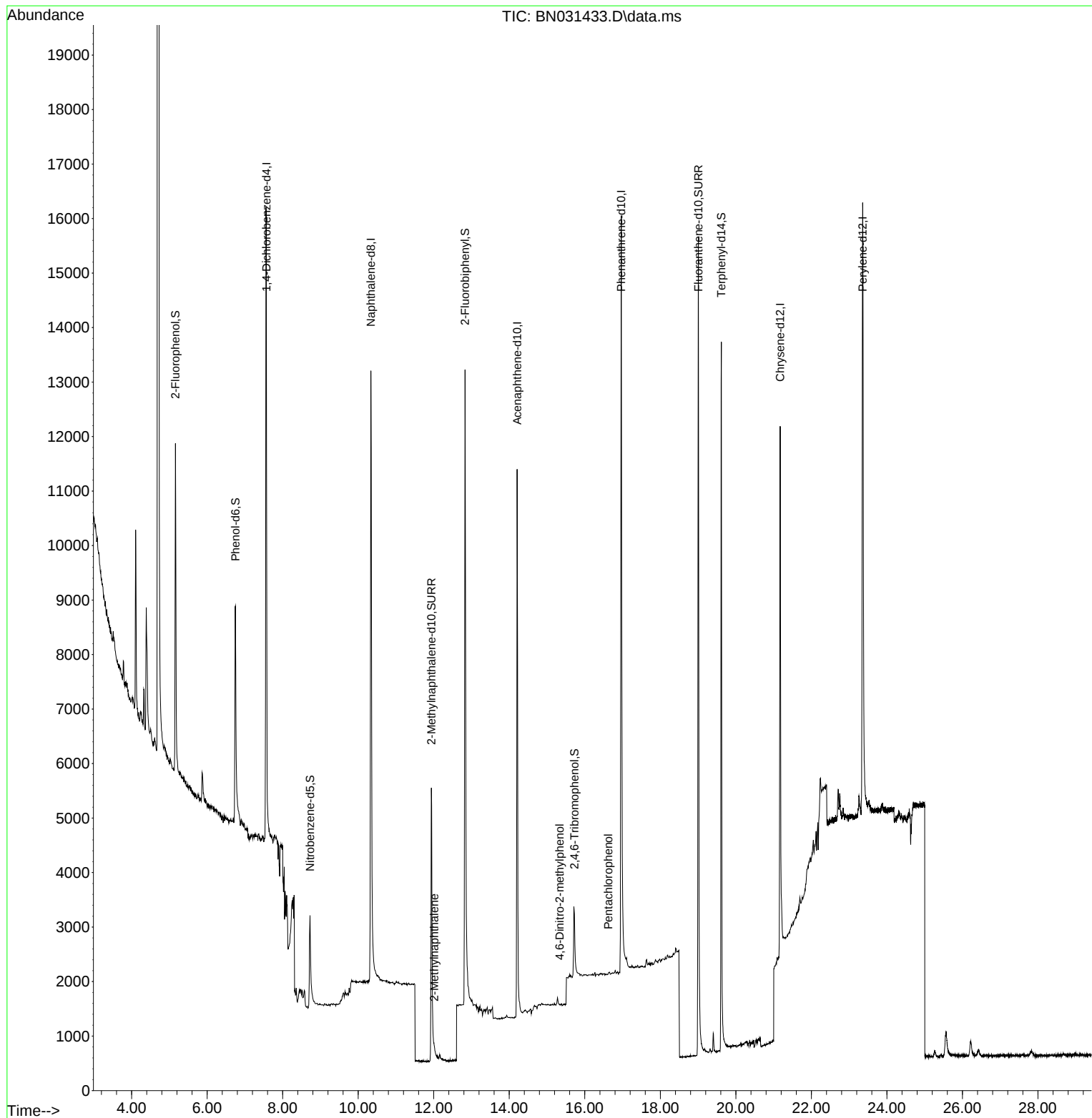
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	6382	0.400	ng	0.00
7) Naphthalene-d8	10.336	136	18759	0.400	ng	0.00
13) Acenaphthene-d10	14.210	164	6183	0.400	ng	0.00
19) Phenanthrene-d10	16.966	188	22335	0.400	ng	0.00
29) Chrysene-d12	21.175	240	10489	0.400	ng	0.00
35) Perylene-d12	23.358	264	16438	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	5267	0.352	ng	0.00
5) Phenol-d6	6.750	99	5189	0.292	ng	0.00
8) Nitrobenzene-d5	8.723	82	2041	0.124	ng	0.01
11) 2-Methylnaphthalene-d10	11.937	152	8740	0.427	ng	0.00
14) 2,4,6-Tribromophenol	15.725	330	1011	0.331	ng	0.01
15) 2-Fluorobiphenyl	12.831	172	13089	0.572	ng	0.00
27) Fluoranthene-d10	19.007	212	19047	0.315	ng	0.00
31) Terphenyl-d14	19.616	244	14161	0.532	ng	0.00
Target Compounds						Qvalue
12) 2-Methylnaphthalene	12.017	142	93	0.173	ng	# 47
20) 4,6-Dinitro-2-methylph...	15.333	198	4	0.023	ng	# 1
24) Pentachlorophenol	16.619	266	16	0.165	ng	# 45
30) Pyrene	19.402	202	361	Below Cal		# 94

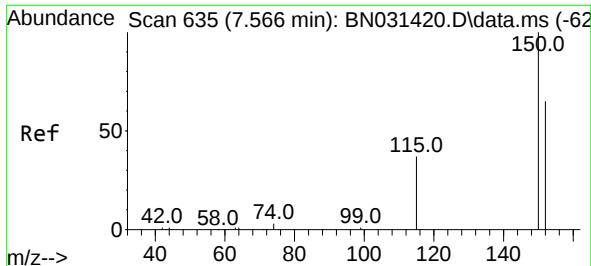
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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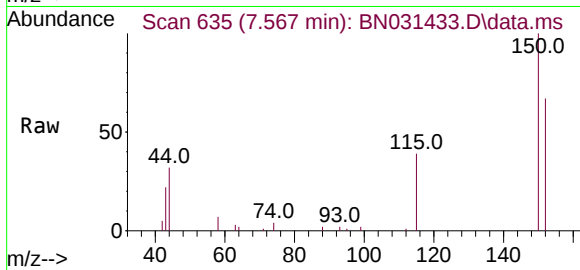
Quant Time: May 08 12:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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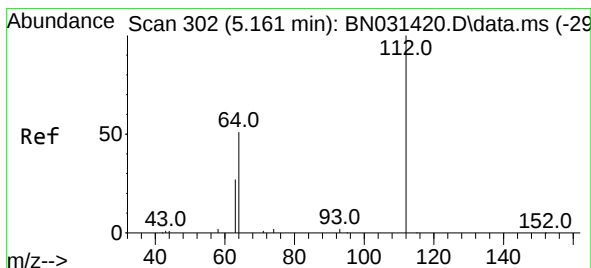
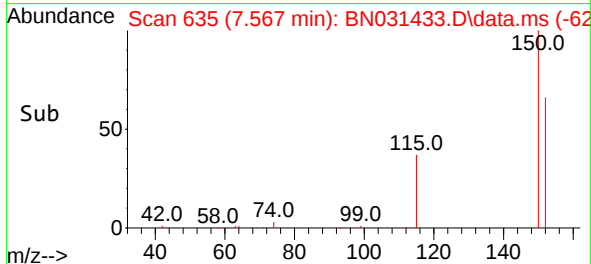
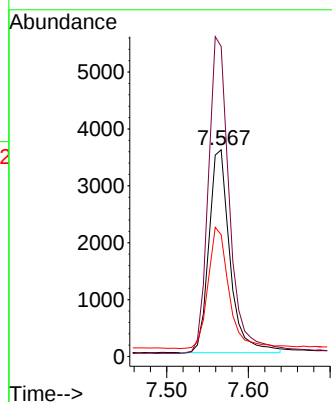
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.567 min Scan# 635
 Delta R.T. 0.001 min
 Lab File: BN031433.D
 Acq: 08 May 2024 10:59

Instrument :
 BNA_N
 ClientSampleId :
 PB160696BL



Tgt Ion:152 Resp: 6382

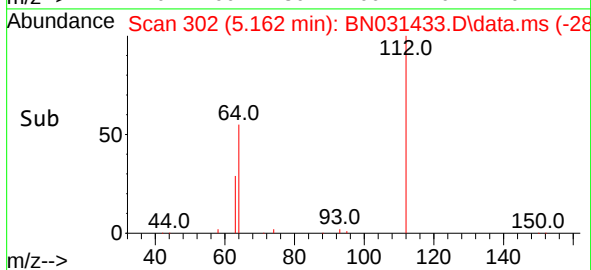
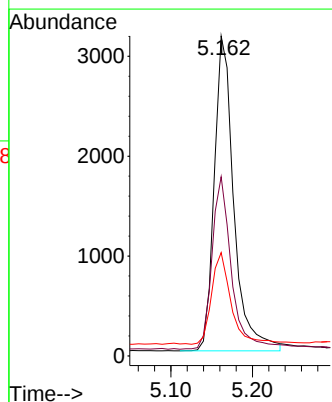
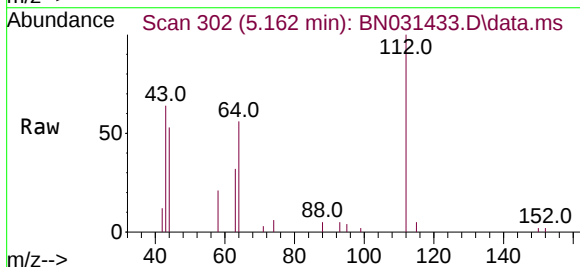
Ion	Ratio	Lower	Upper
152	100		
150	150.0	122.2	183.2
115	58.9	47.8	71.6

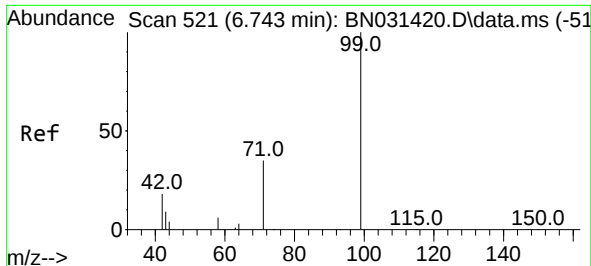


#4
 2-Fluorophenol
 Concen: 0.352 ng
 RT: 5.162 min Scan# 302
 Delta R.T. 0.000 min
 Lab File: BN031433.D
 Acq: 08 May 2024 10:59

Tgt Ion:112 Resp: 5267

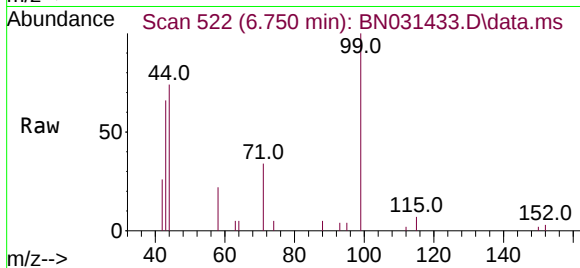
Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.4	63.6
63	28.9	22.6	34.0



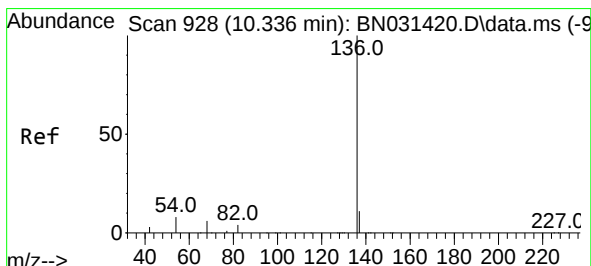
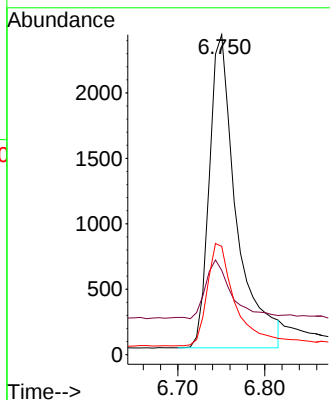
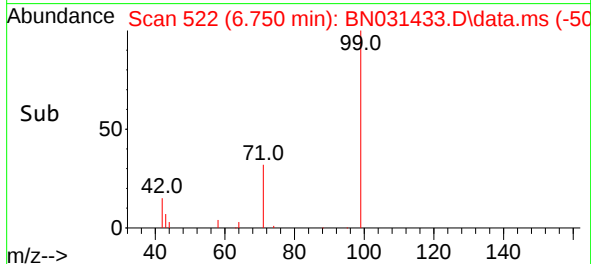


#5
Phenol-d6
Concen: 0.292 ng
RT: 6.750 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN031433.D
Acq: 08 May 2024 10:59

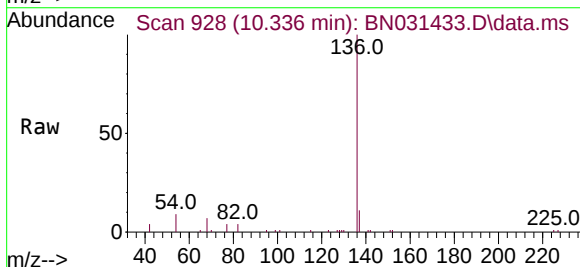
Instrument :
BNA_N
ClientSampleId :
PB160696BL



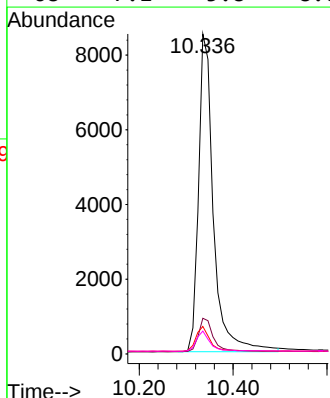
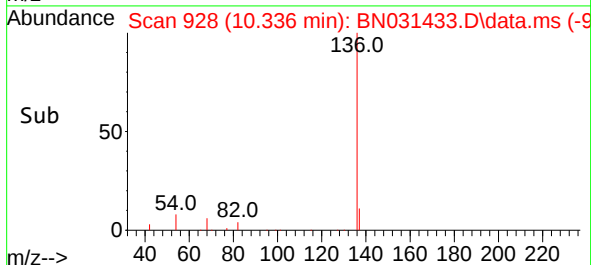
Tgt Ion:	99	Resp:	5189
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.8	23.8
71	33.7	27.8	41.6

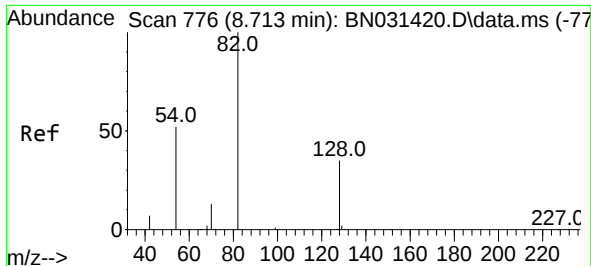


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 928
Delta R.T. 0.000 min
Lab File: BN031433.D
Acq: 08 May 2024 10:59



Tgt Ion:	136	Resp:	18759
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	8.6	7.2	10.8
68	7.1	5.8	8.6

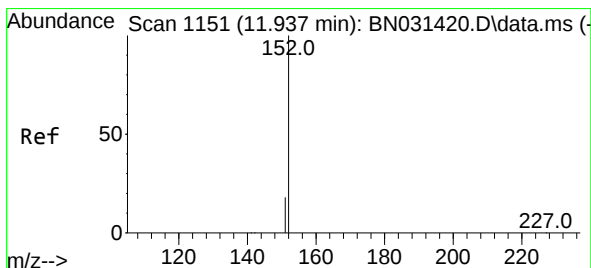
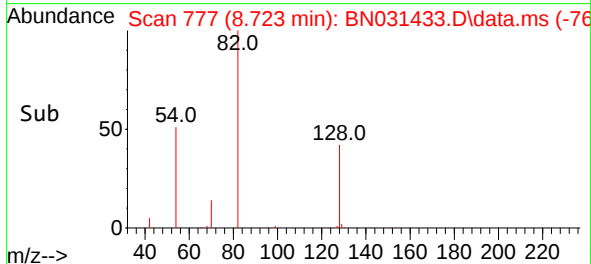
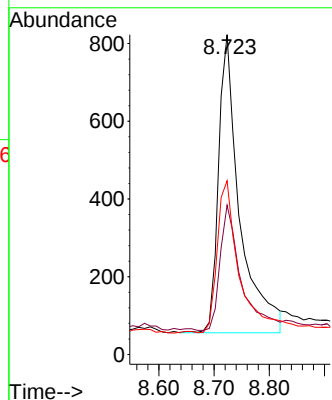
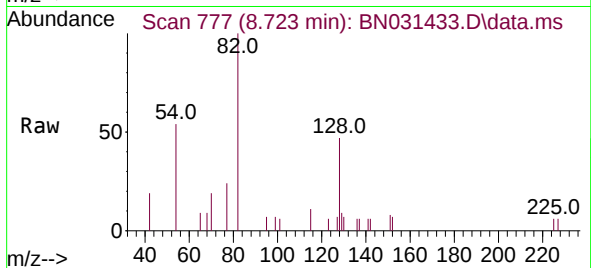




#8
 Nitrobenzene-d5
 Concen: 0.124 ng
 RT: 8.723 min Scan# 71
 Delta R.T. 0.011 min
 Lab File: BN031433.D
 Acq: 08 May 2024 10:59

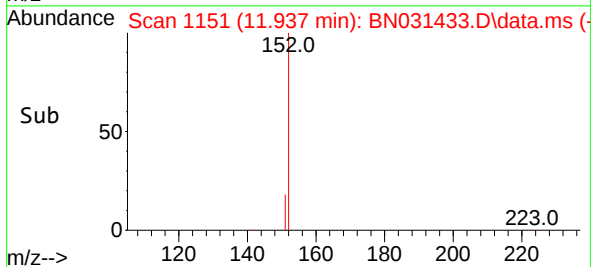
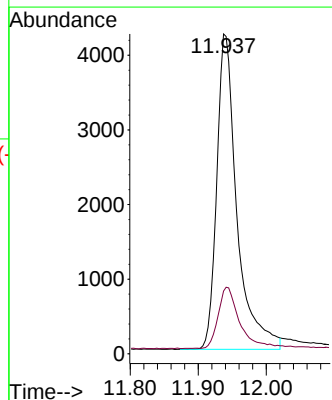
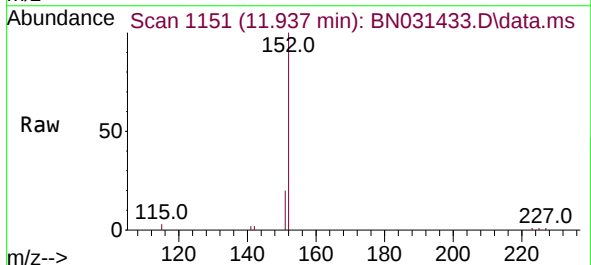
Instrument :
 BNA_N
 ClientSampleId :
 PB160696BL

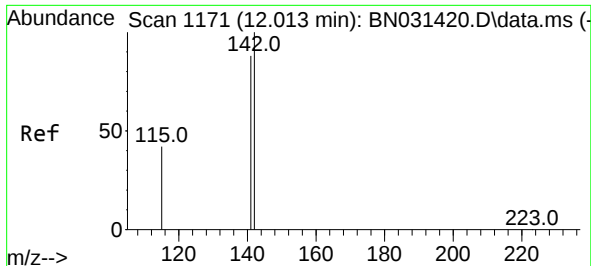
Tgt Ion: 82 Resp: 2041
 Ion Ratio Lower Upper
 82 100
 128 46.7 30.0 45.0#
 54 54.3 43.4 65.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.427 ng
 RT: 11.937 min Scan# 1151
 Delta R.T. 0.000 min
 Lab File: BN031433.D
 Acq: 08 May 2024 10:59

Tgt Ion: 152 Resp: 8740
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.7 25.1





#12

2-Methylnaphthalene

Concen: 0.173 ng

RT: 12.017 min Scan# 1171

Delta R.T. 0.004 min

Lab File: BN031433.D

Acq: 08 May 2024 10:59

Instrument :

BNA_N

ClientSampleId :

PB160696BL

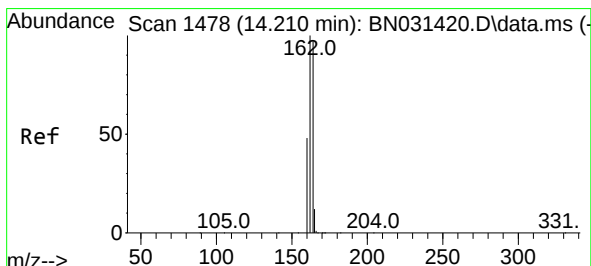
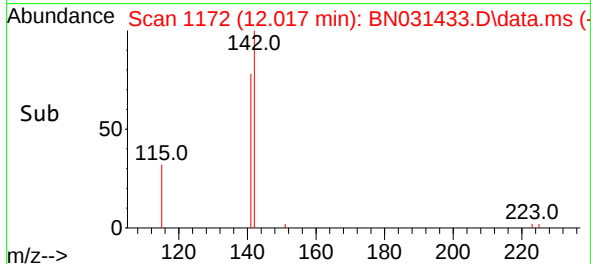
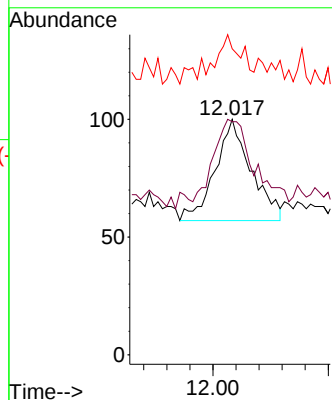
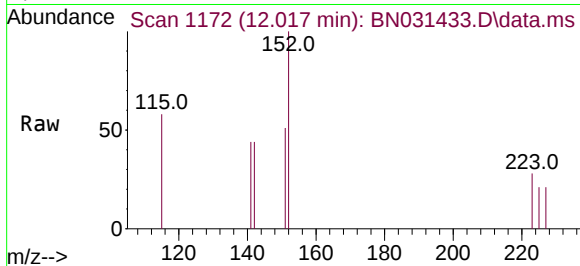
Tgt Ion:142 Resp: 93

Ion Ratio Lower Upper

142 100

141 99.0 70.2 105.2

115 130.0 34.2 51.4#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.210 min Scan# 1478

Delta R.T. 0.000 min

Lab File: BN031433.D

Acq: 08 May 2024 10:59

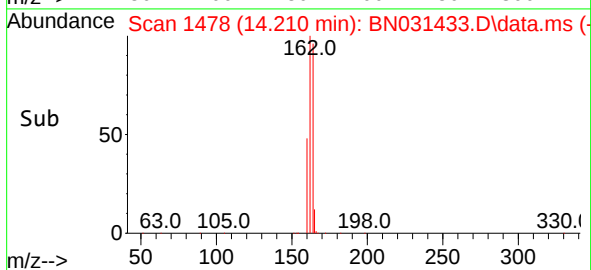
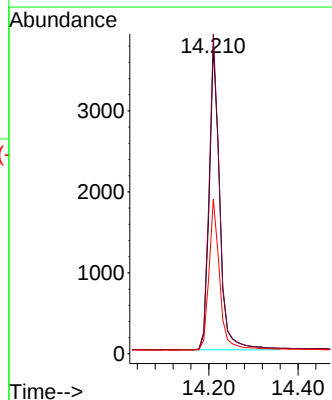
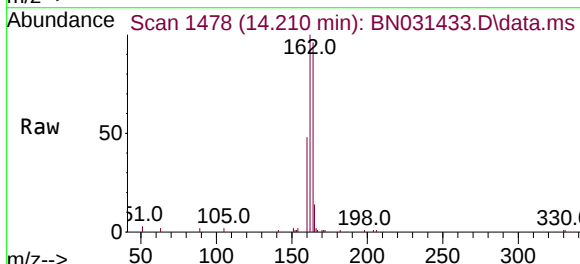
Tgt Ion:164 Resp: 6183

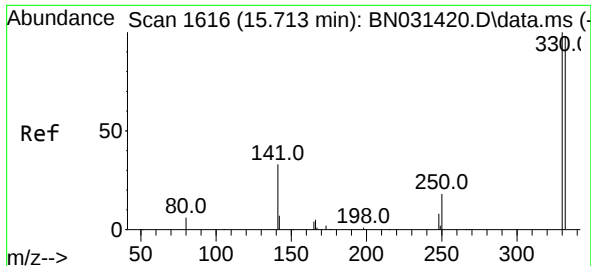
Ion Ratio Lower Upper

164 100

162 104.1 82.3 123.5

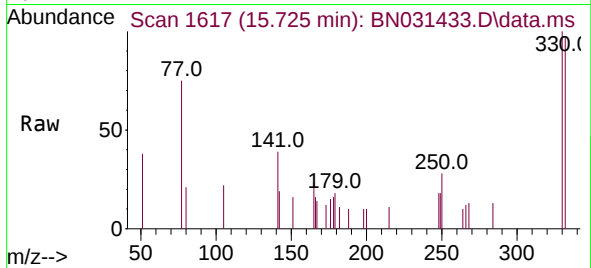
160 50.3 40.2 60.2



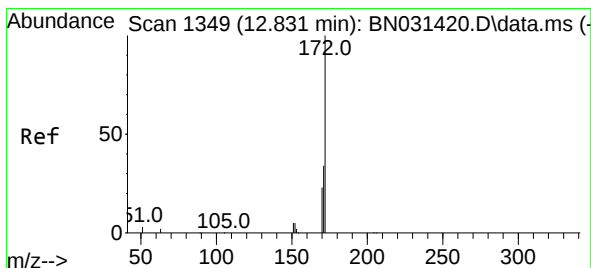
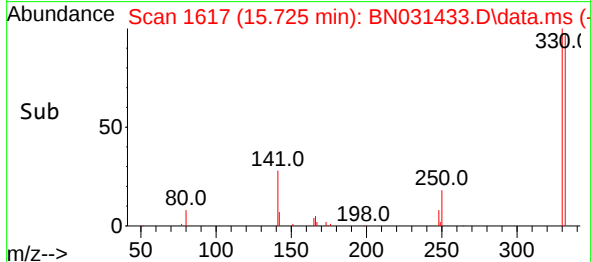
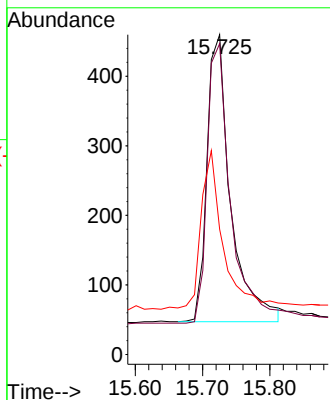


#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 15.725 min Scan# 1617
Delta R.T. 0.012 min
Lab File: BN031433.D
Acq: 08 May 2024 10:59

Instrument :
BNA_N
ClientSampleId :
PB160696BL

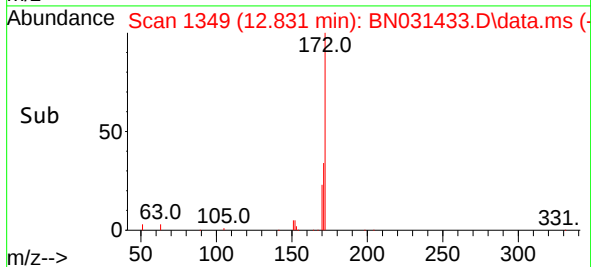
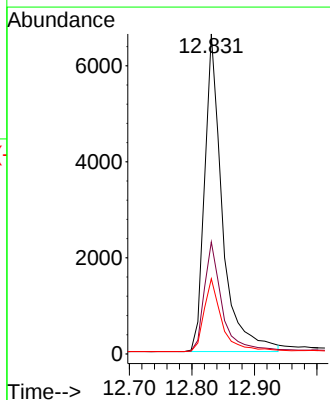
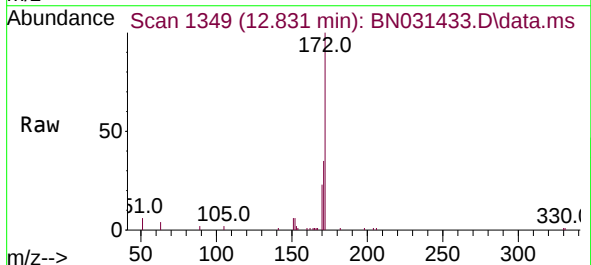


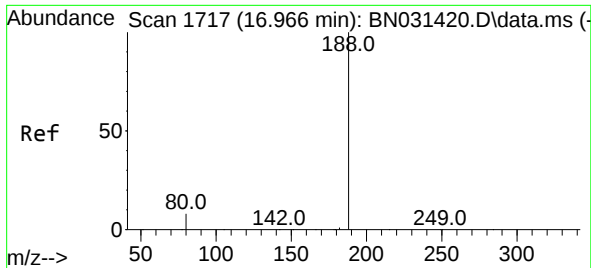
Tgt Ion:330 Resp: 1011
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 51.7 39.3 58.9



#15
2-Fluorobiphenyl
Concen: 0.572 ng
RT: 12.831 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN031433.D
Acq: 08 May 2024 10:59

Tgt Ion:172 Resp: 13089
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.5 18.9 28.3

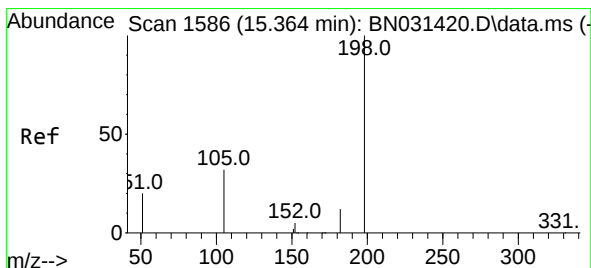
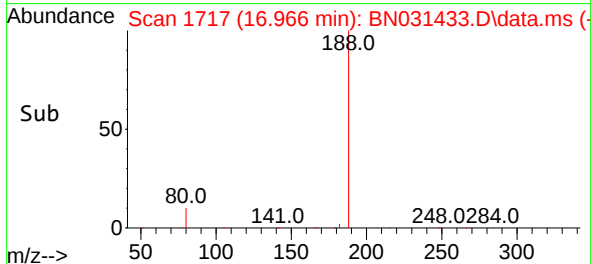
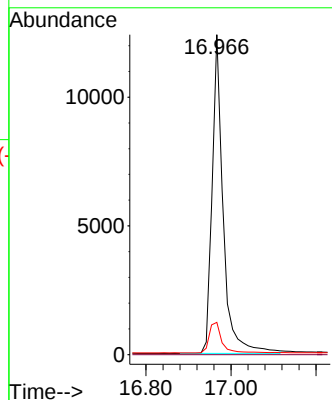
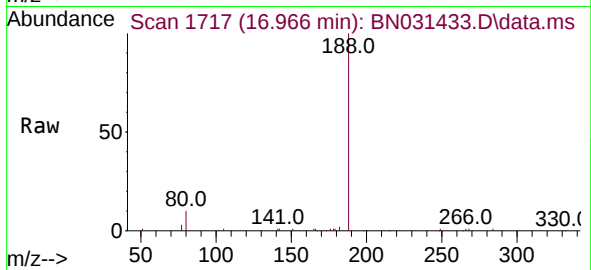




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.966 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BN031433.D
Acq: 08 May 2024 10:59

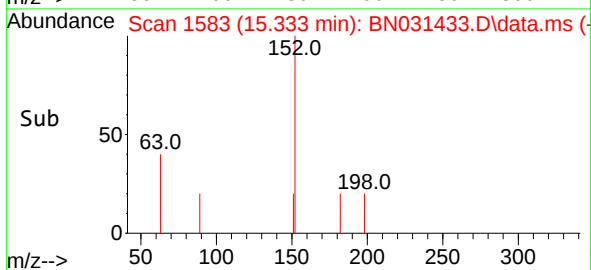
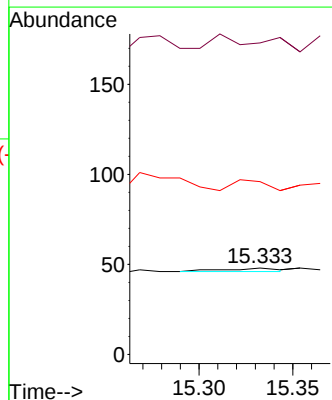
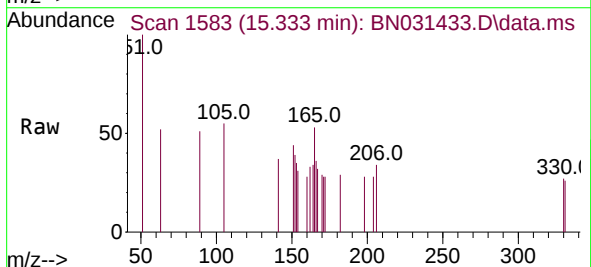
Instrument :
BNA_N
ClientSampleId :
PB160696BL

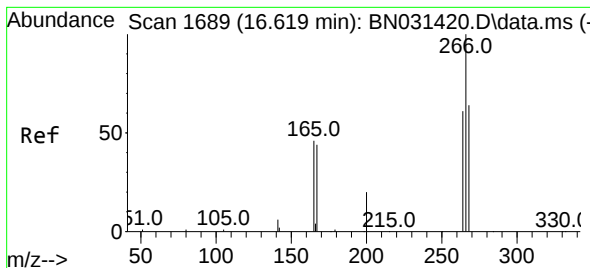
Tgt Ion:188 Resp: 22335
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 6.8 10.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.023 ng
RT: 15.333 min Scan# 1583
Delta R.T. -0.032 min
Lab File: BN031433.D
Acq: 08 May 2024 10:59

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 360.4 47.4 71.2#
105 200.0 35.7 53.5#





#24

Pentachlorophenol

Concen: 0.165 ng

RT: 16.619 min Scan# 1689

Delta R.T. -0.000 min

Lab File: BN031433.D

Acq: 08 May 2024 10:59

Instrument :

BNA_N

ClientSampleId :

PB160696BL

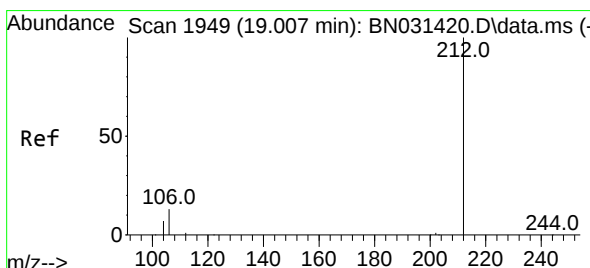
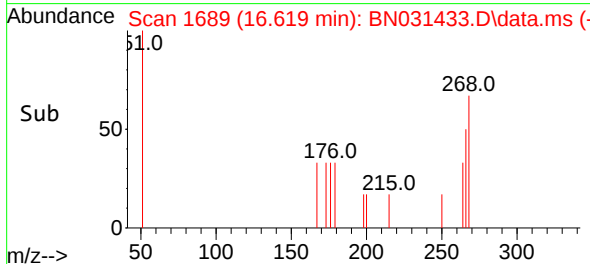
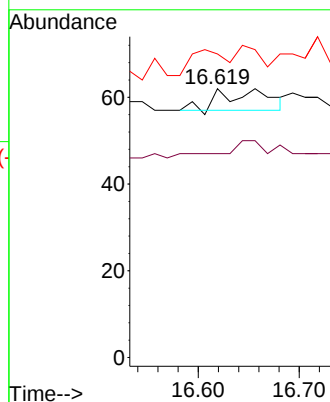
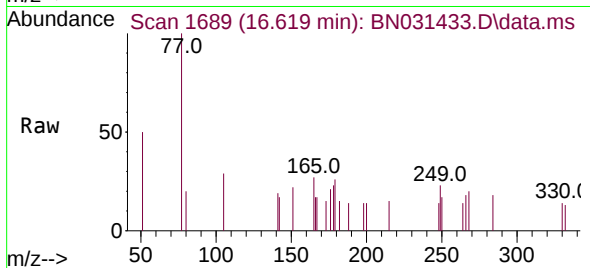
Tgt Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

264 0.0 49.0 73.4#

268 87.5 51.0 76.4#



#27

Fluoranthene-d10

Concen: 0.315 ng

RT: 19.007 min Scan# 1949

Delta R.T. 0.000 min

Lab File: BN031433.D

Acq: 08 May 2024 10:59

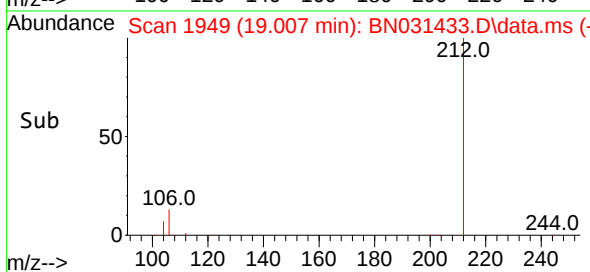
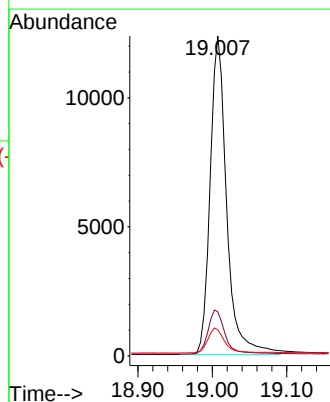
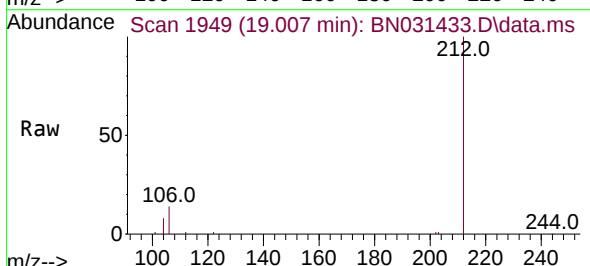
Tgt Ion:212 Resp: 19047

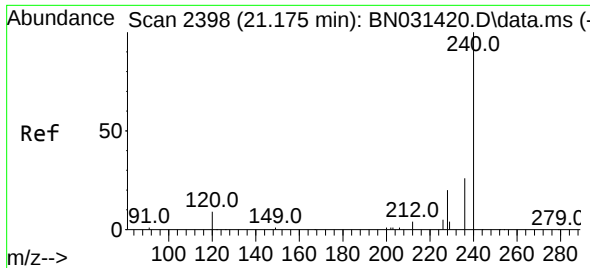
Ion Ratio Lower Upper

212 100

106 14.1 11.5 17.3

104 7.9 6.4 9.6

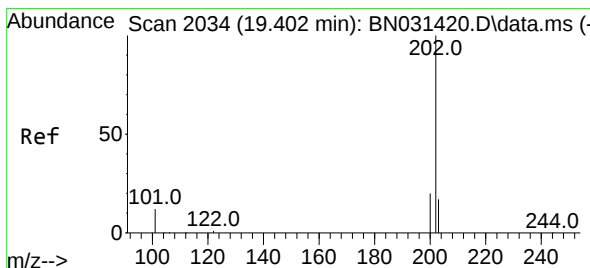
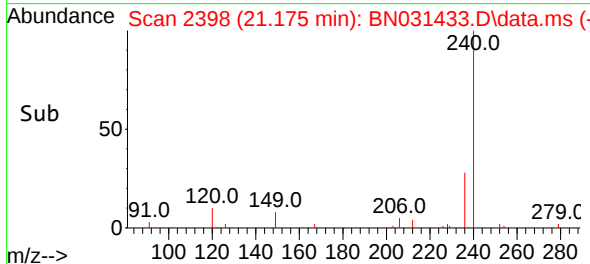
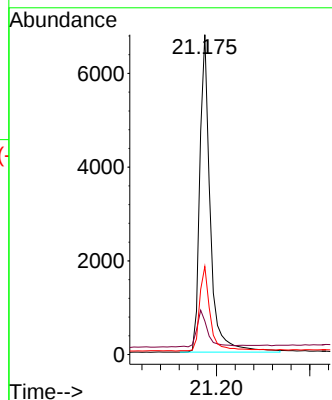
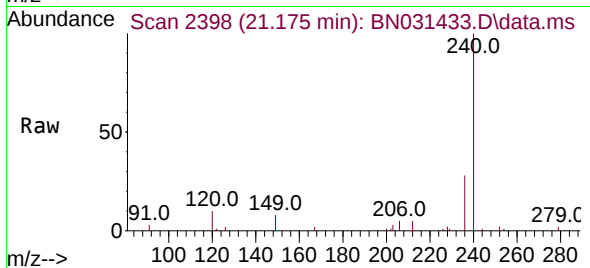




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.175 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BN031433.D
Acq: 08 May 2024 10:59

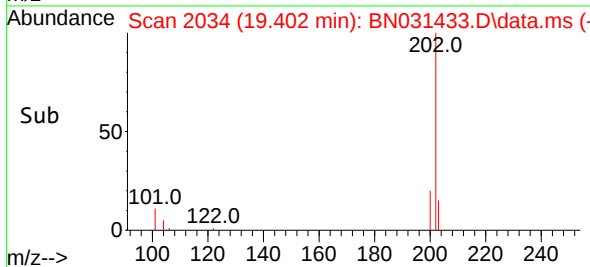
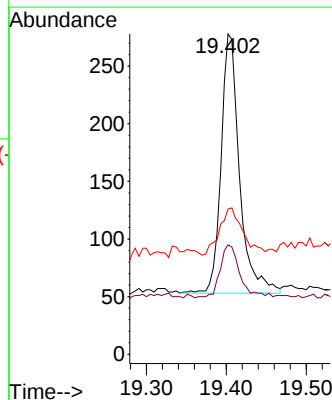
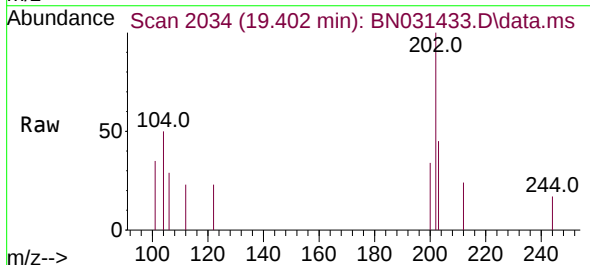
Instrument :
BNA_N
ClientSampleId :
PB160696BL

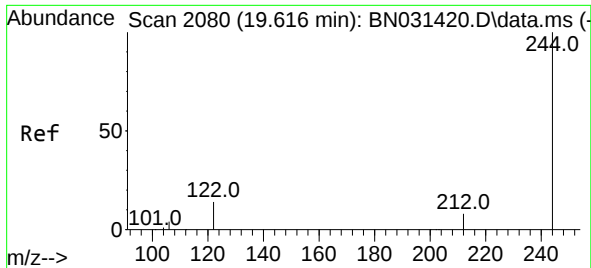
Tgt Ion:240 Resp: 10489
Ion Ratio Lower Upper
240 100
120 10.5 7.9 11.9
236 27.5 21.4 32.2



#30
Pyrene
Concen: Below Cal
RT: 19.402 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BN031433.D
Acq: 08 May 2024 10:59

Tgt Ion:202 Resp: 361
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 23.0 14.3 21.5#

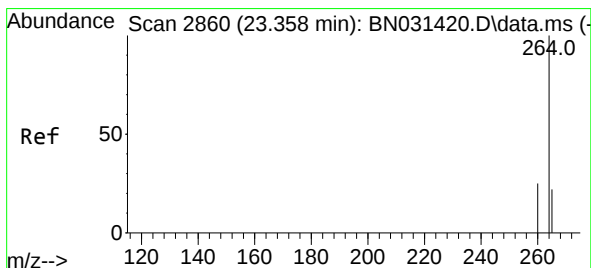
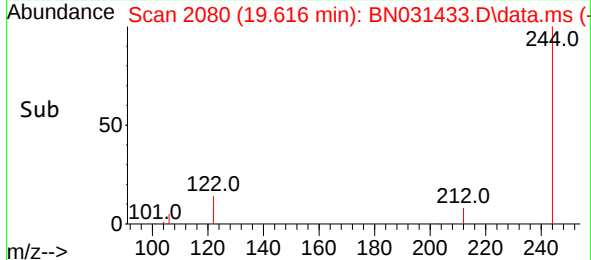
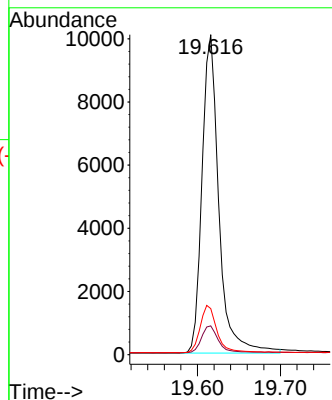
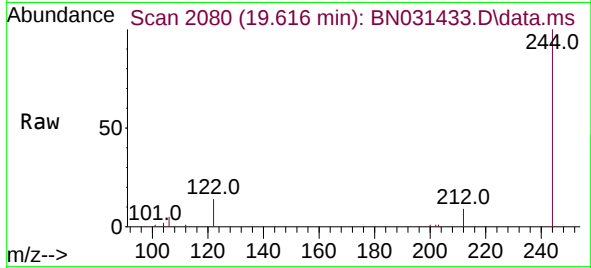




#31
Terphenyl-d14
Concen: 0.532 ng
RT: 19.616 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN031433.D
Acq: 08 May 2024 10:59

Instrument :
BNA_N
ClientSampleId :
PB160696BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.9	10.3
122	14.4	11.4	17.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.358 min Scan# 2860
Delta R.T. 0.000 min
Lab File: BN031433.D
Acq: 08 May 2024 10:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.4
265	61.5	43.4	65.2

