

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
 Data File : BN017474.D
 Acq On : 16 Nov 2021 14:10
 Operator : CG/JU
 Sample : PB140437BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 16 14:40:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 16 14:06:59 2021
 Response via : Initial Calibration

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

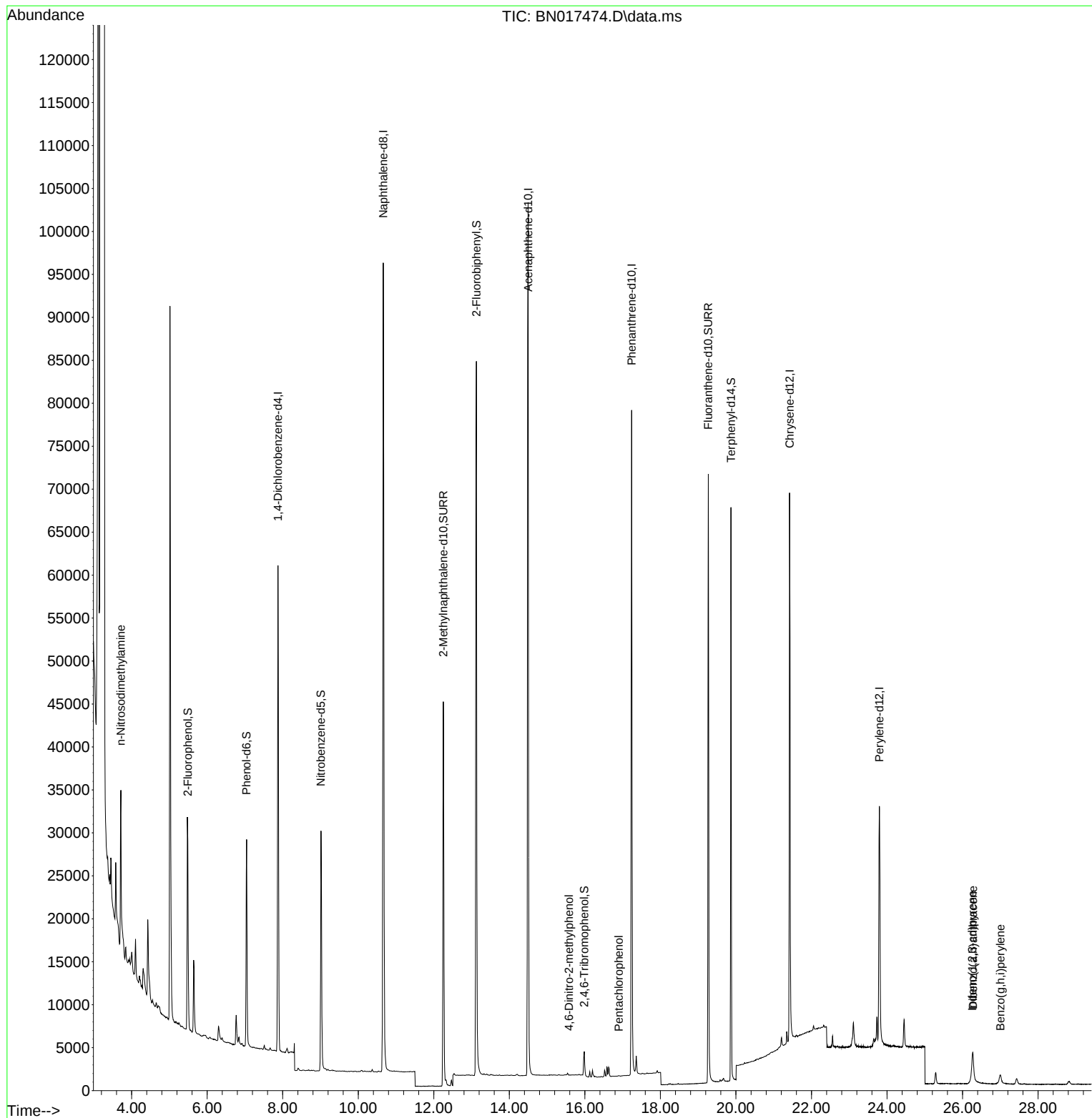
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	29986	0.400	ng	0.00
7) Naphthalene-d8	10.662	136	136072	0.400	ng	# 0.00
13) Acenaphthene-d10	14.499	164	67972	0.400	ng	0.00
19) Phenanthrene-d10	17.238	188	110782	0.400	ng	0.00
29) Chrysene-d12	21.420	240	66896	0.400	ng	# 0.00
35) Perylene-d12	23.798	264	44205	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.486	112	22653	0.317	ng	0.04
5) Phenol-d6	7.045	99	23609	0.307	ng	0.00
8) Nitrobenzene-d5	9.014	82	25079	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	65292	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	2436	0.141	ng	0.00
15) 2-Fluorobiphenyl	13.128	172	85776	0.335	ng	0.00
27) Fluoranthene-d10	19.268	212	86455	0.261	ng	0.00
31) Terphenyl-d14	19.869	244	66507	0.405	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.716	42	2234	0.089	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.577	198	11	0.092	ng	# 1
24) Pentachlorophenol	16.897	266	53	0.092	ng	89
36) Indeno(1,2,3-cd)pyrene	26.259	276	4176	0.041	ng	# 85
40) Dibenzo(a,h)anthracene	26.276	278	3909	0.050	ng	# 18
41) Benzo(g,h,i)perylene	27.001	276	3238	0.034	ng	# 81

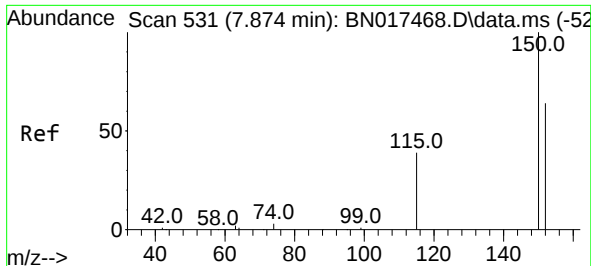
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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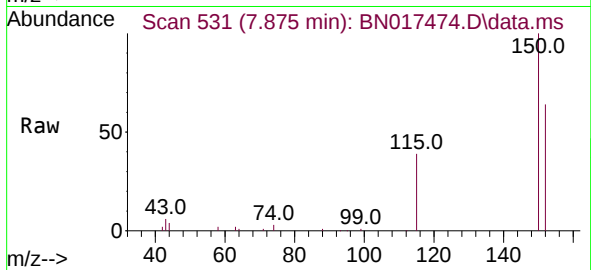
Quant Time: Nov 16 14:40:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
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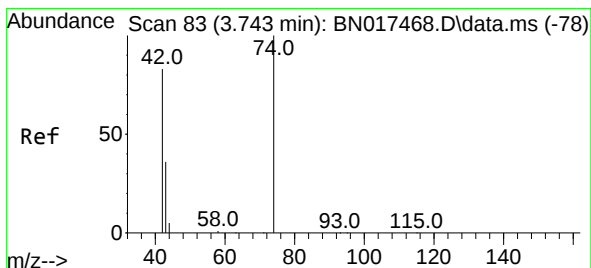
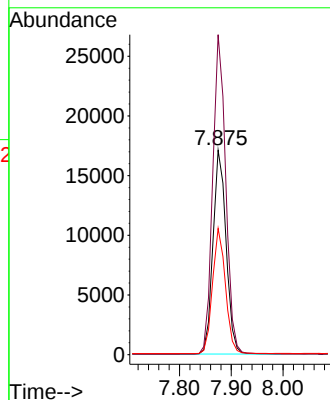
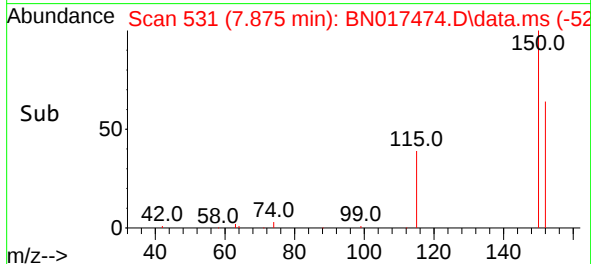


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.875 min Scan# 51
Delta R.T. 0.001 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10

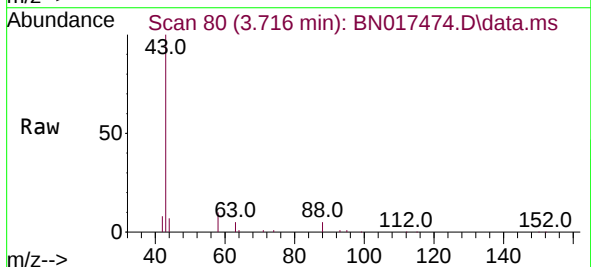
Instrument :
BNA_N
ClientSampleId :



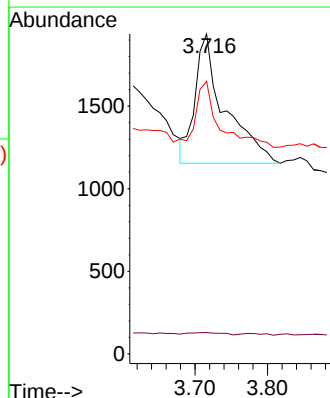
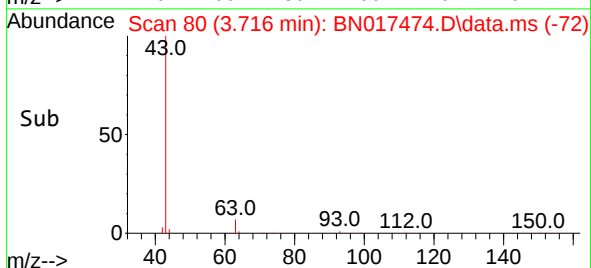
Tgt Ion:152 Resp: 29986
Ion Ratio Lower Upper
152 100
150 156.5 123.0 184.4
115 61.8 45.6 68.4

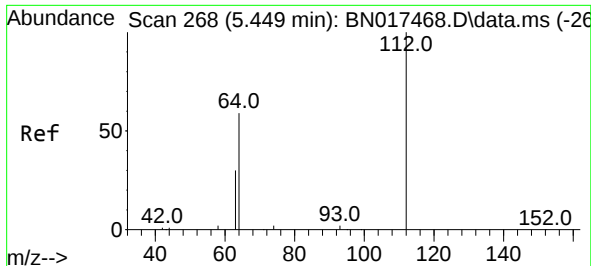


#3
n-Nitrosodimethylamine
Concen: 0.089 ng
RT: 3.716 min Scan# 80
Delta R.T. -0.027 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10



Tgt Ion: 42 Resp: 2234
Ion Ratio Lower Upper
42 100
74 2.1 97.8 146.6#
44 38.5 5.5 8.3#

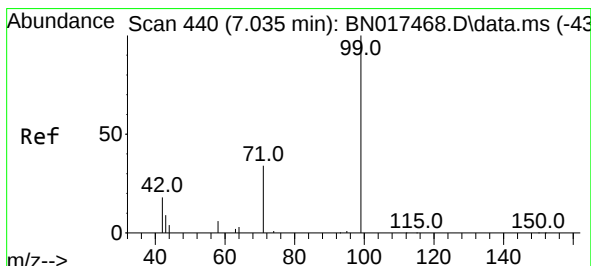
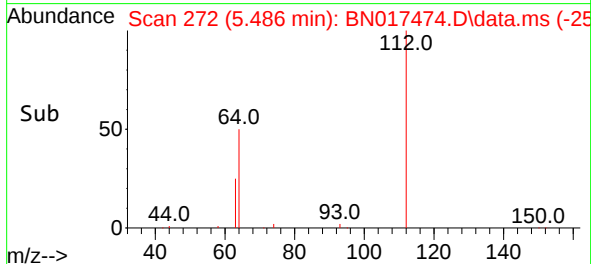
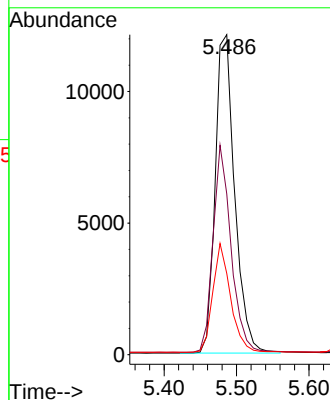
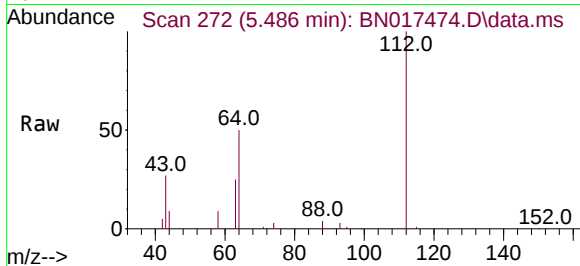




#4
2-Fluorophenol
Concen: 0.317 ng
RT: 5.486 min Scan# 21
Delta R.T. 0.037 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10

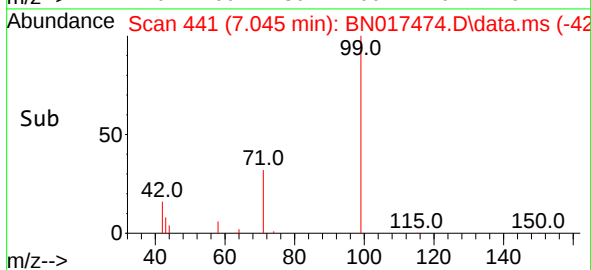
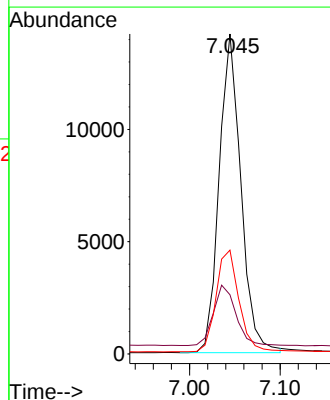
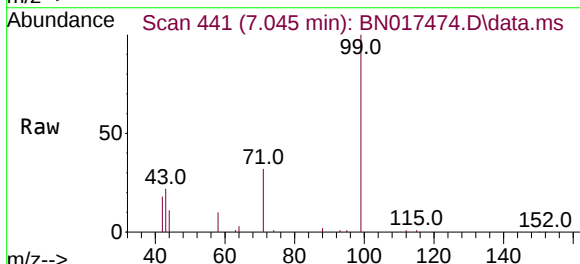
Instrument :
BNA_N
ClientSampleId :

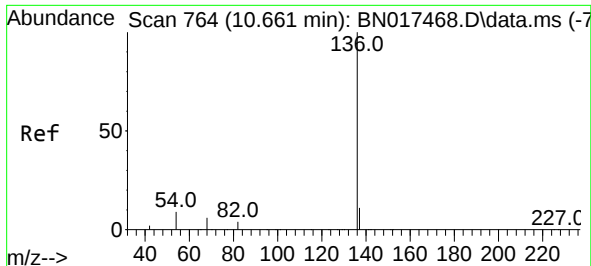
Tgt Ion:112 Resp: 22653
Ion Ratio Lower Upper
112 100
64 60.1 47.6 71.4
63 31.1 24.6 37.0



#5
Phenol-d6
Concen: 0.307 ng
RT: 7.045 min Scan# 441
Delta R.T. 0.010 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10

Tgt Ion: 99 Resp: 23609
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 33.8 24.8 37.2

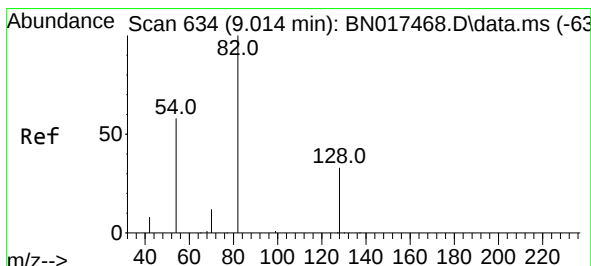
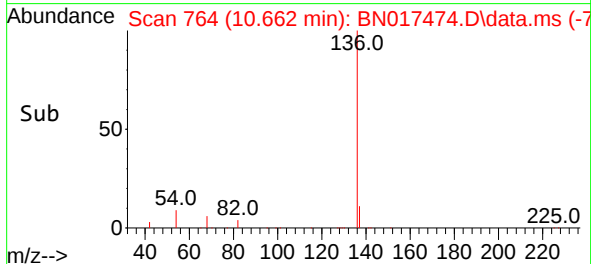
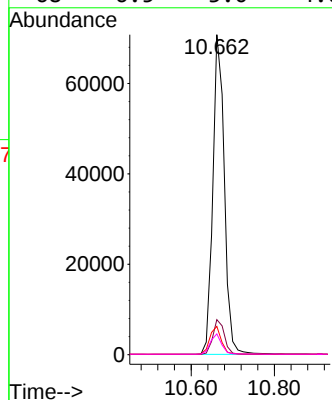
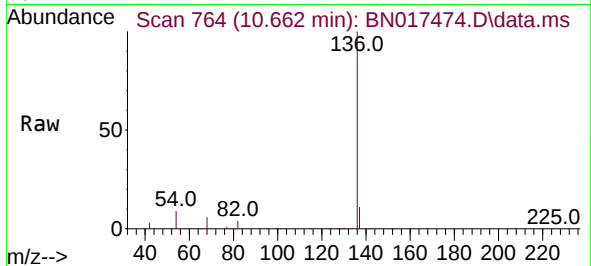




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.662 min Scan# 764
Delta R.T. 0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10

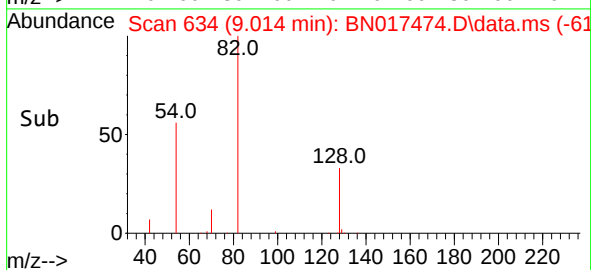
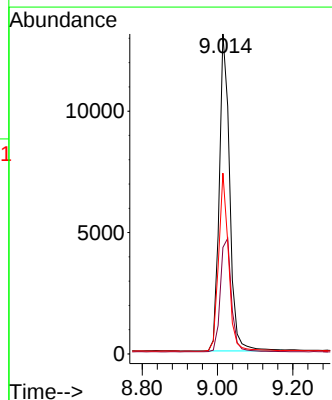
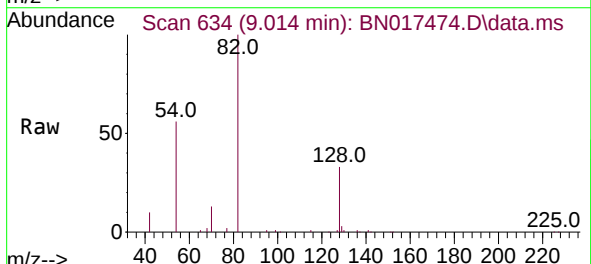
Instrument :
BNA_N
ClientSampleId :

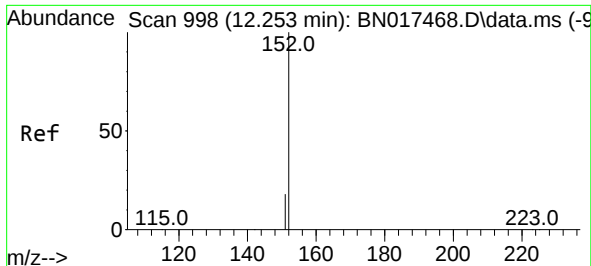
Tgt Ion:136 Resp: 136072
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.9 4.0 6.0#
68 6.5 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 9.014 min Scan# 634
Delta R.T. 0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10

Tgt Ion: 82 Resp: 25079
Ion Ratio Lower Upper
82 100
128 33.3 27.7 41.5
54 56.5 49.2 73.8





#11

2-Methylnaphthalene-d10

Concen: 0.292 ng

RT: 12.253 min Scan# 998

Delta R.T. 0.000 min

Lab File: BN017474.D

Acq: 16 Nov 2021 14:10

Instrument :

BNA_N

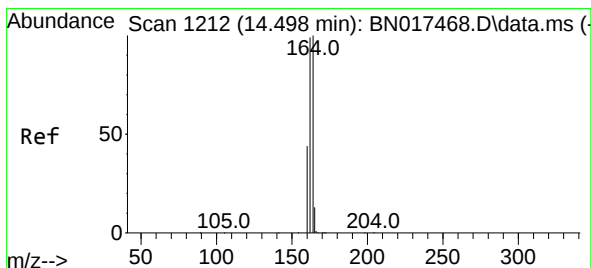
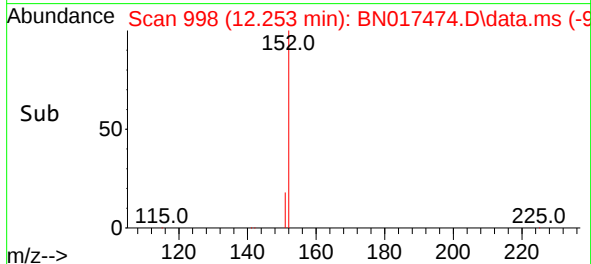
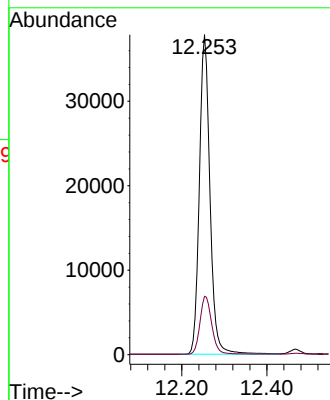
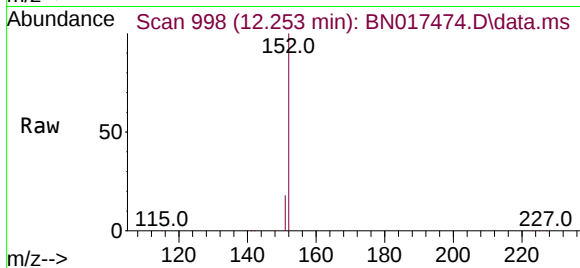
ClientSampleId :

Tgt Ion:152 Resp: 65292

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.499 min Scan# 1212

Delta R.T. 0.001 min

Lab File: BN017474.D

Acq: 16 Nov 2021 14:10

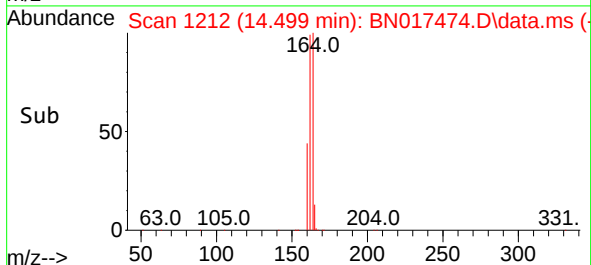
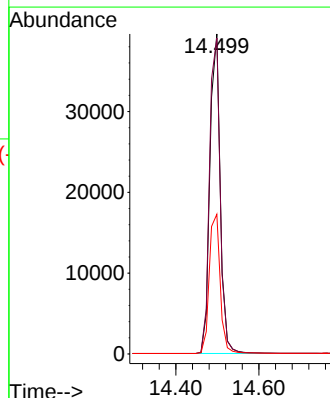
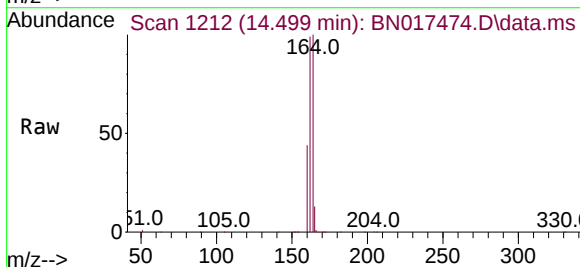
Tgt Ion:164 Resp: 67972

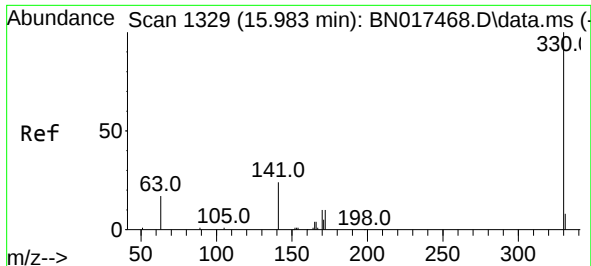
Ion Ratio Lower Upper

164 100

162 98.7 81.4 122.2

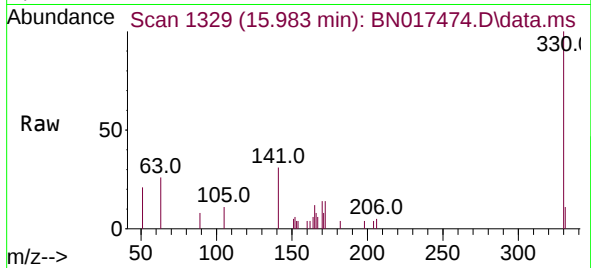
160 43.7 36.8 55.2



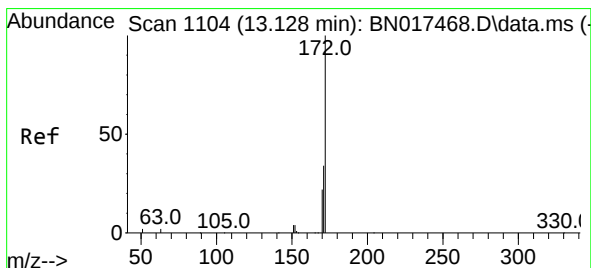
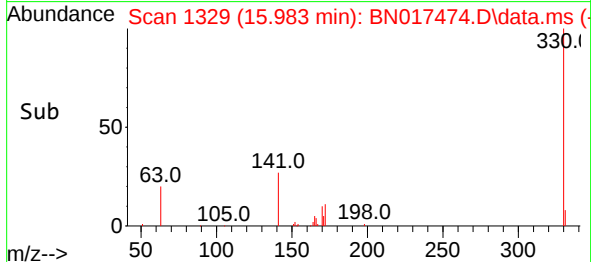
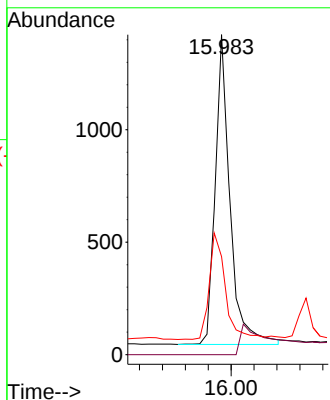


#14
2,4,6-Tribromophenol
Concen: 0.141 ng
RT: 15.983 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10

Instrument :
BNA_N
ClientSampleId :

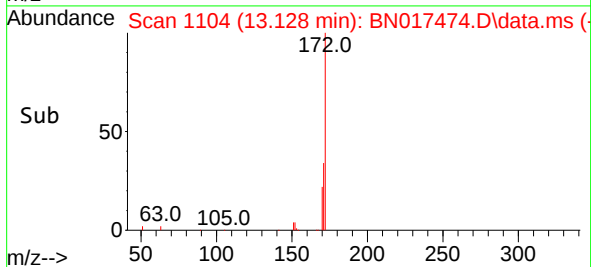
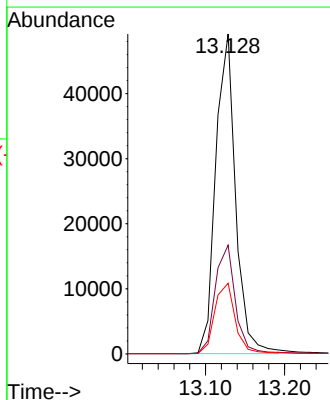
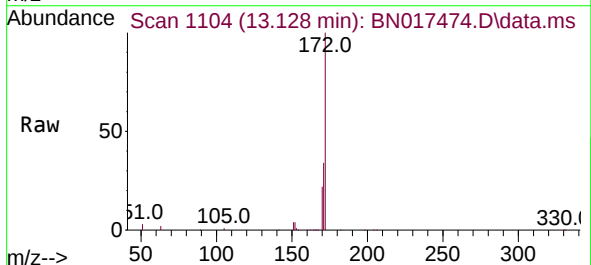


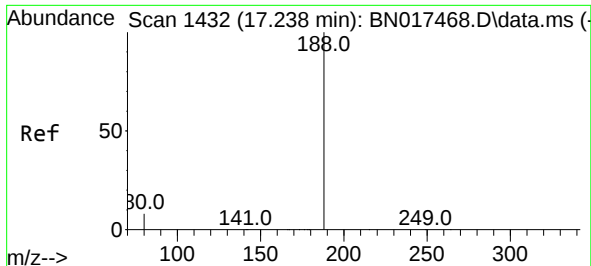
Tgt Ion:330 Resp: 2436
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.5 28.9 43.3



#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.128 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10

Tgt Ion:172 Resp: 85776
Ion Ratio Lower Upper
172 100
171 34.0 28.7 43.1
170 22.1 19.4 29.2

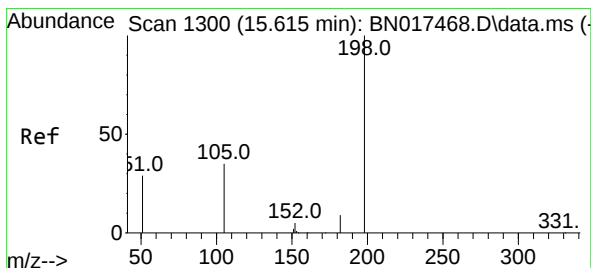
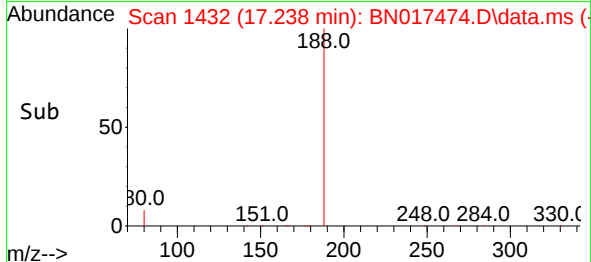
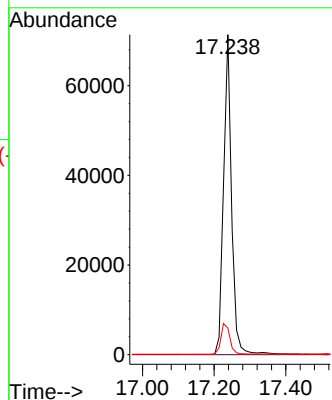
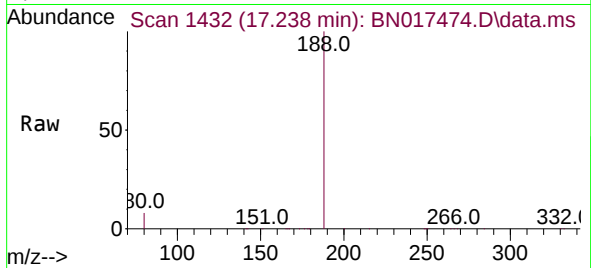




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.238 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10

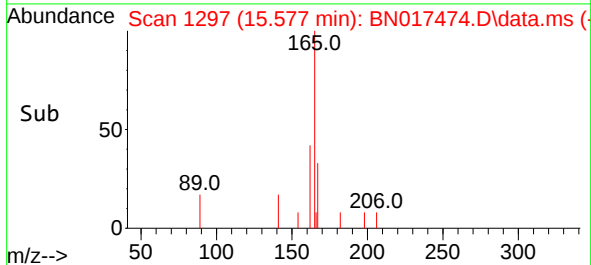
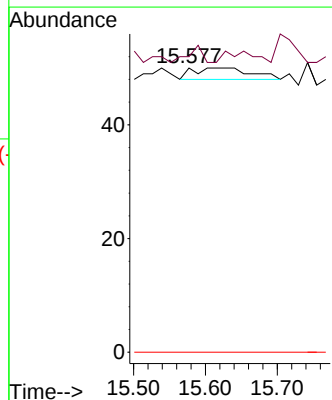
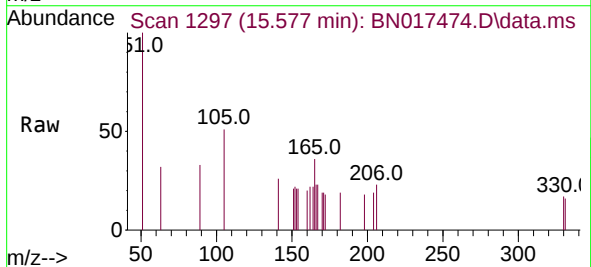
Instrument :
BNA_N
ClientSampleId :

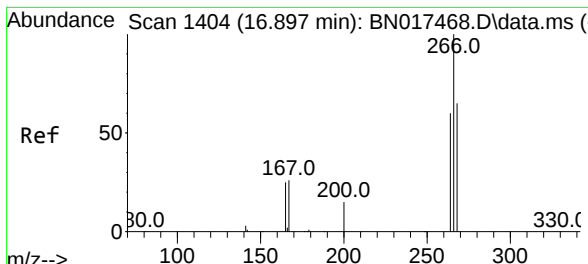
Tgt Ion:188 Resp: 110782
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.092 ng
RT: 15.577 min Scan# 1297
Delta R.T. -0.038 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 104.0 11.4 17.2#
77 0.0 0.0 0.0

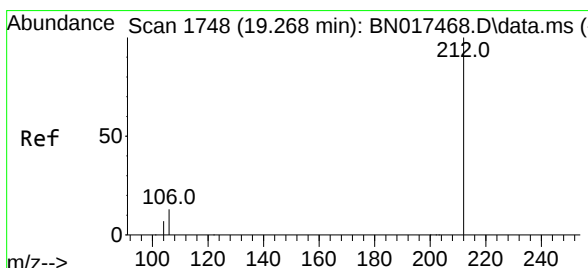
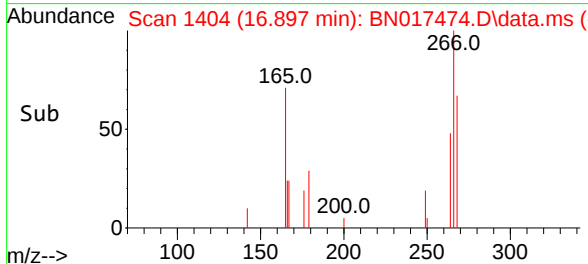
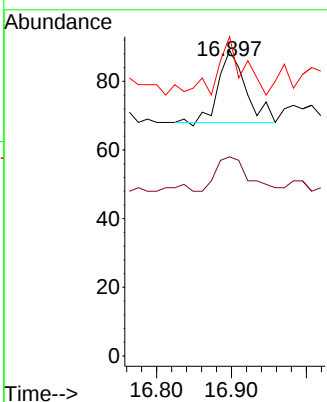
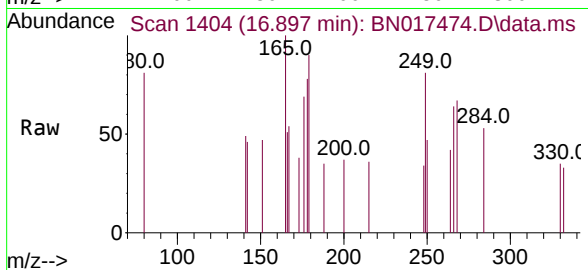




#24
 Pentachlorophenol
 Concen: 0.092 ng
 RT: 16.897 min Scan# 1404
 Delta R.T. 0.000 min
 Lab File: BN017474.D
 Acq: 16 Nov 2021 14:10

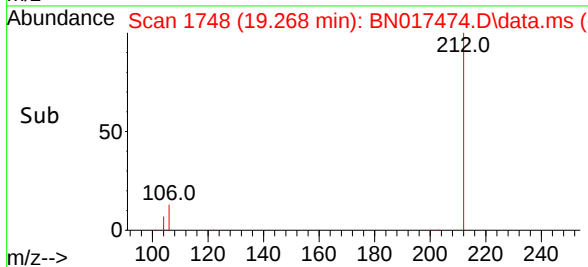
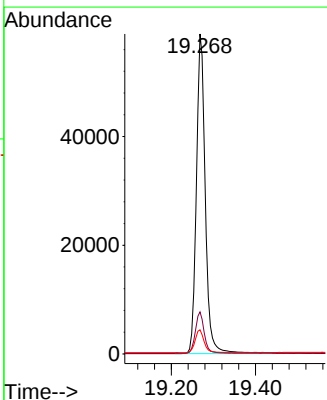
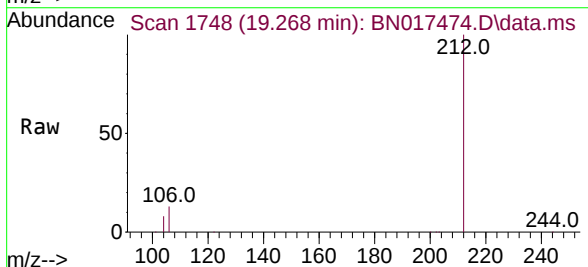
Instrument :
 BNA_N
 ClientSampleId :

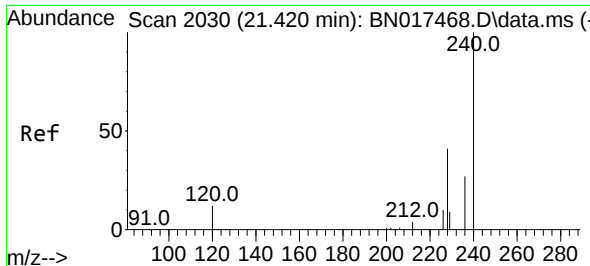
Tgt Ion:266	Resp:	53
Ion Ratio	Lower	Upper
266	100	
264	54.7	49.8 74.8
268	73.6	51.3 76.9



#27
 Fluoranthene-d10
 Concen: 0.261 ng
 RT: 19.268 min Scan# 1748
 Delta R.T. 0.000 min
 Lab File: BN017474.D
 Acq: 16 Nov 2021 14:10

Tgt Ion:212	Resp:	86455
Ion Ratio	Lower	Upper
212	100	
106	13.1	10.5 15.7
104	7.4	5.8 8.6

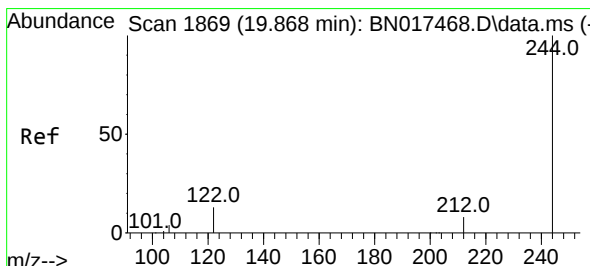
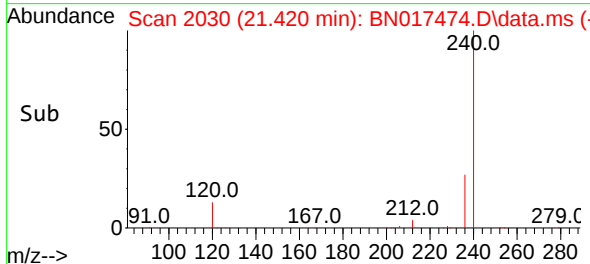
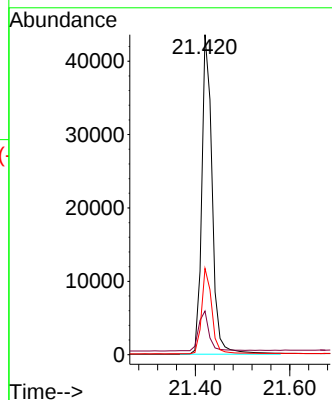
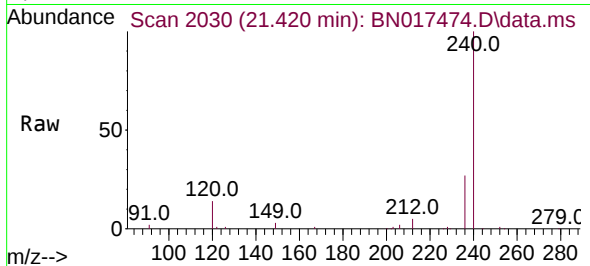




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.420 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10

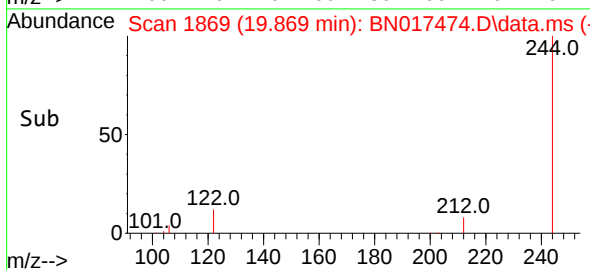
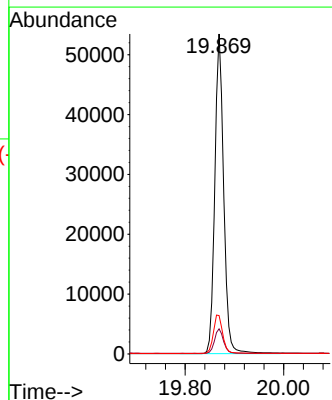
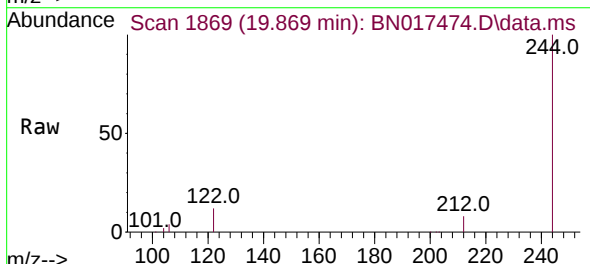
Instrument :
BNA_N
ClientSampleId :

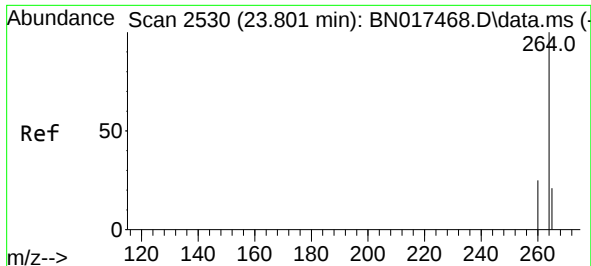
Tgt Ion:240 Resp: 66896
Ion Ratio Lower Upper
240 100
120 13.7 4.2 6.2#
236 27.0 20.0 30.0



#31
Terphenyl-d14
Concen: 0.405 ng
RT: 19.869 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10

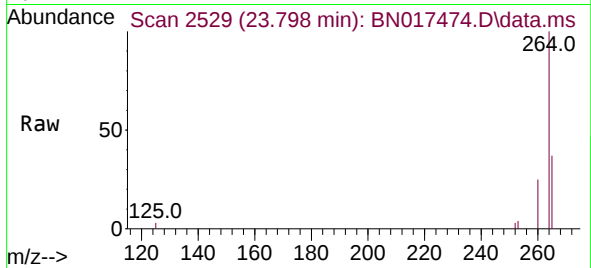
Tgt Ion:244 Resp: 66507
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 12.0 8.6 13.0



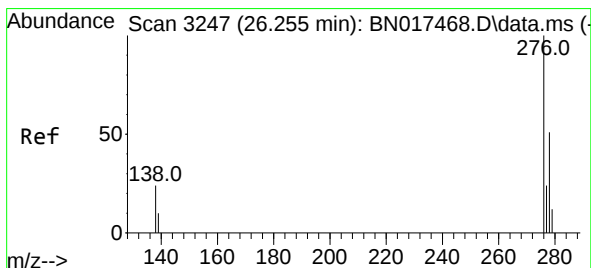
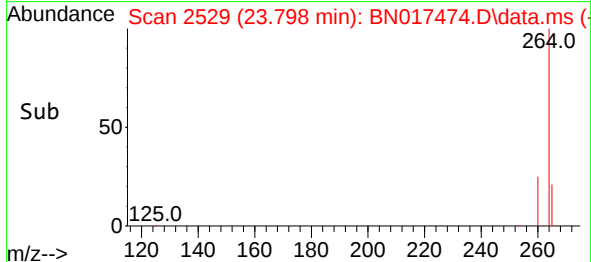
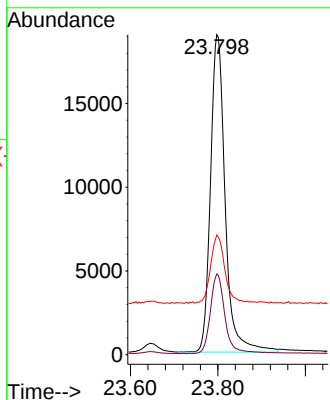


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.798 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10

Instrument :
BNA_N
ClientSampleId :

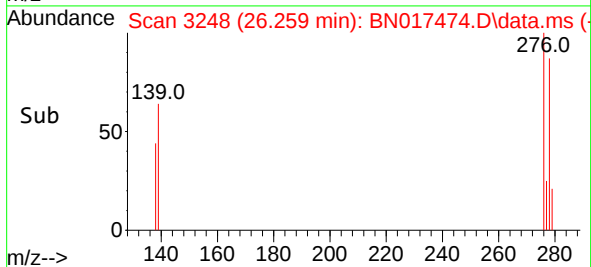
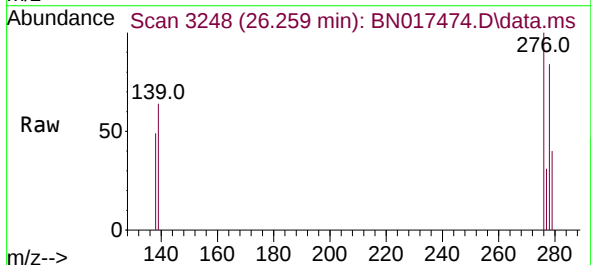
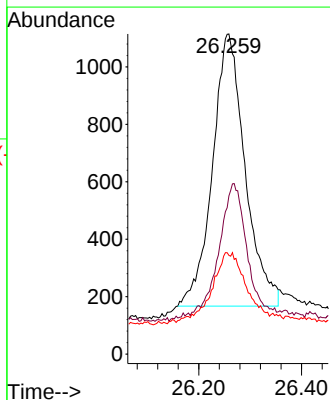


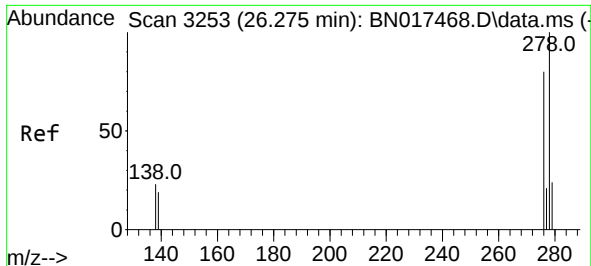
Tgt Ion:264 Resp: 44205
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.2
265 37.4 18.6 28.0#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.041 ng
RT: 26.259 min Scan# 3248
Delta R.T. 0.004 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10

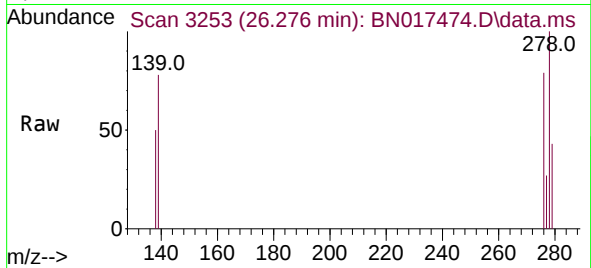
Tgt Ion:276 Resp: 4176
Ion Ratio Lower Upper
276 100
138 39.6 19.7 29.5#
277 25.0 20.0 30.0



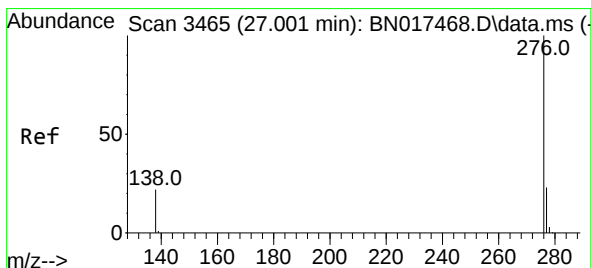
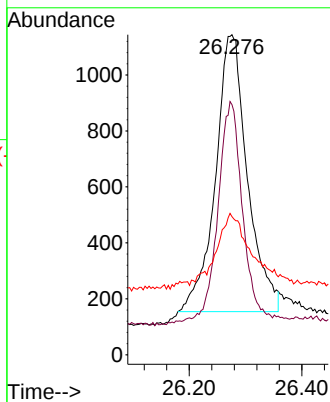
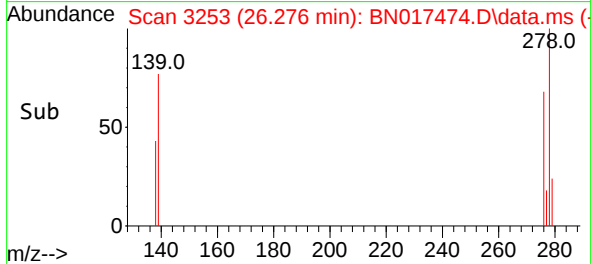


#40
Dibenzo(a,h)anthracene
Concen: 0.050 ng
RT: 26.276 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 3909
Ion Ratio Lower Upper
278 100
139 78.1 13.0 19.6#
279 43.2 19.2 28.8#



#41
Benzo(g,h,i)perylene
Concen: 0.034 ng
RT: 27.001 min Scan# 3465
Delta R.T. 0.000 min
Lab File: BN017474.D
Acq: 16 Nov 2021 14:10

Tgt Ion:276 Resp: 3238
Ion Ratio Lower Upper
276 100
277 32.3 19.0 28.4#
138 31.4 17.1 25.7#

