

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
 Data File : BN034047.D
 Acq On : 19 Sep 2024 10:09
 Operator : JU/RC
 Sample : PB163341BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 10:59:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

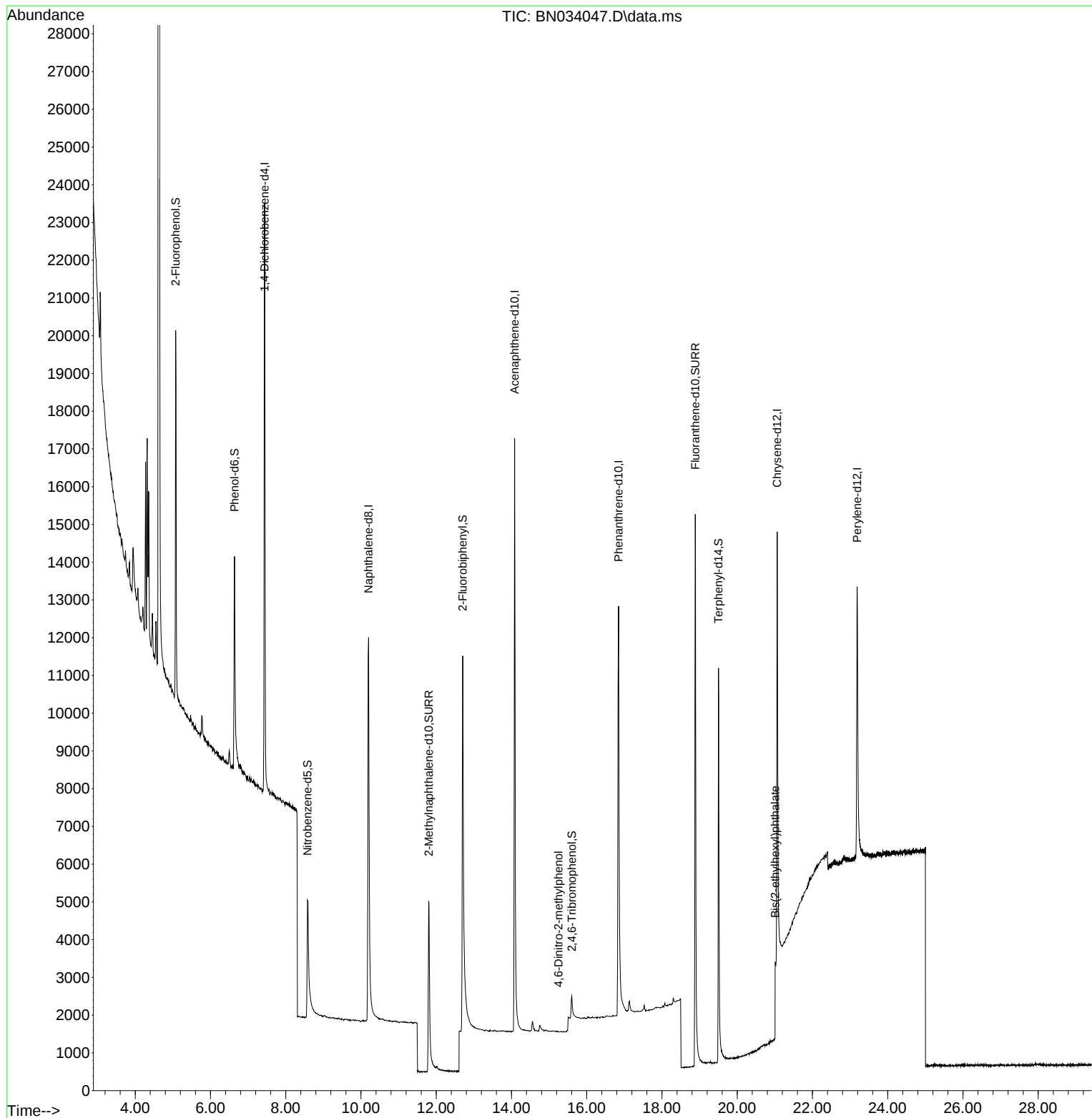
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	7708	0.400	ng	0.00
7) Naphthalene-d8	10.201	136	19759	0.400	ng	0.00
13) Acenaphthene-d10	14.083	164	10160	0.400	ng	0.00
19) Phenanthrene-d10	16.845	188	21734	0.400	ng	0.00
29) Chrysene-d12	21.062	240	14035	0.400	ng	0.00
35) Perylene-d12	23.189	264	11710	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	7300	0.334	ng	0.00
5) Phenol-d6	6.636	99	6660	0.262	ng	0.00
8) Nitrobenzene-d5	8.578	82	4571	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	11.803	152	9277	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.604	330	557	0.121	ng	0.02
15) 2-Fluorobiphenyl	12.704	172	14291	0.346	ng	0.00
27) Fluoranthene-d10	18.885	212	20171	0.368	ng	0.00
31) Terphenyl-d14	19.503	244	12204	0.435	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.248	198	2	0.138	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	1385	0.075	ng	# 85

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

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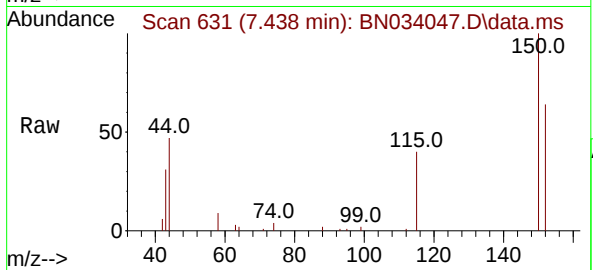
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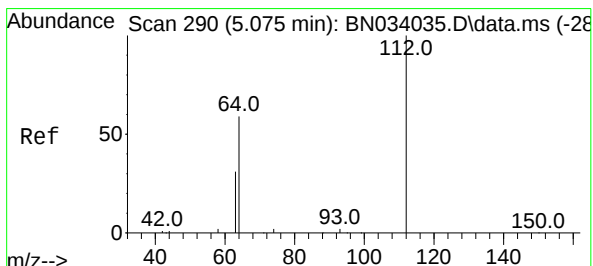
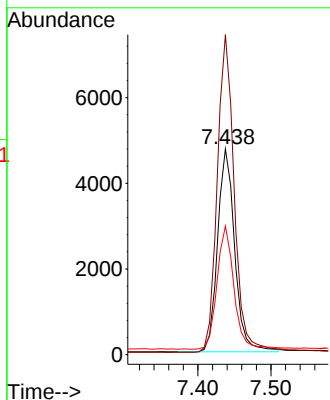
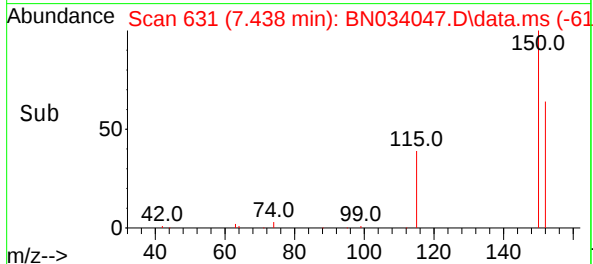


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.438 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN034047.D
Acq: 19 Sep 2024 10:09

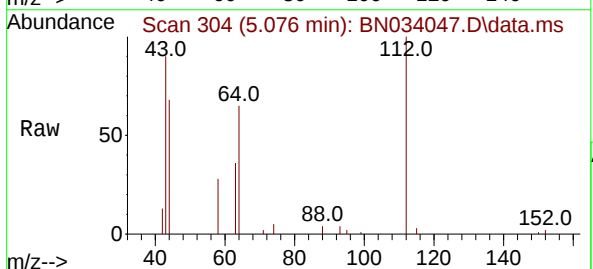
Instrument :
BNA_N
ClientSampleId :



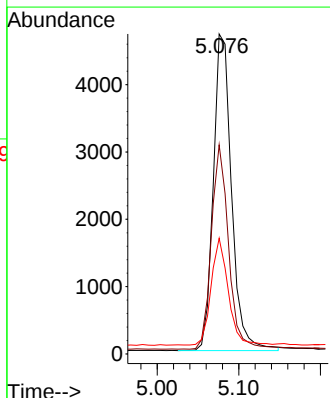
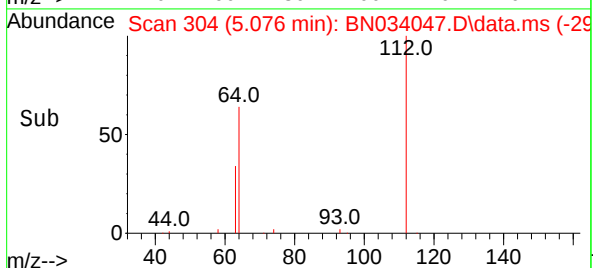
Tgt Ion:152 Resp: 7708
Ion Ratio Lower Upper
152 100
150 155.6 124.6 187.0
115 62.5 50.0 75.0

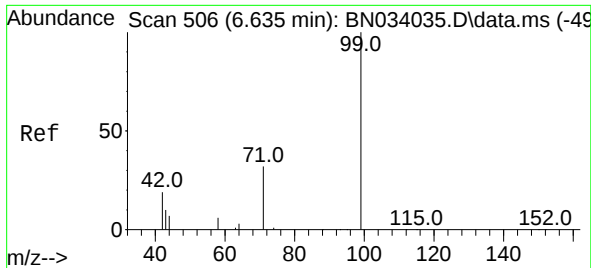


#4
2-Fluorophenol
Concen: 0.334 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034047.D
Acq: 19 Sep 2024 10:09



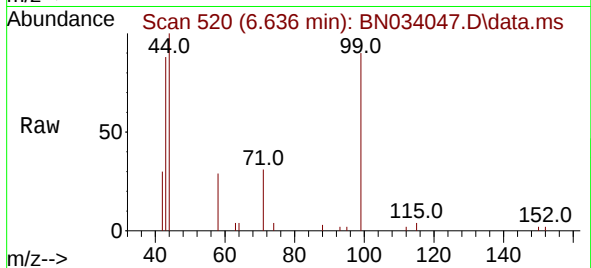
Tgt Ion:112 Resp: 7300
Ion Ratio Lower Upper
112 100
64 60.6 48.6 72.8
63 31.5 25.6 38.4



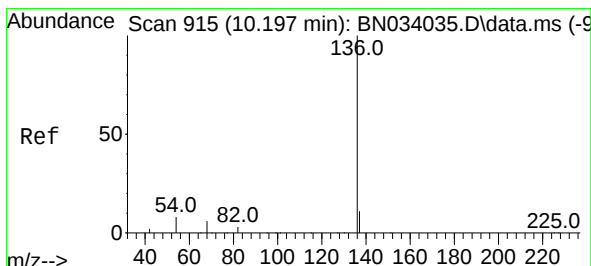
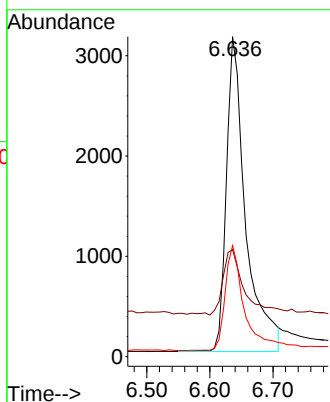
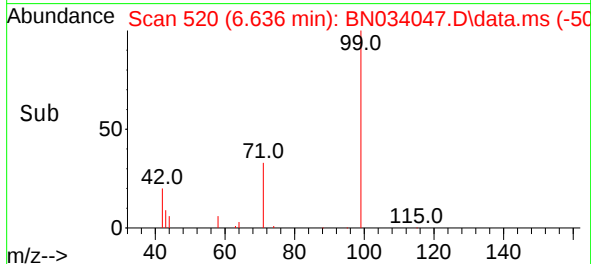


#5
Phenol-d6
Concen: 0.262 ng
RT: 6.636 min Scan# 51
Delta R.T. 0.001 min
Lab File: BN034047.D
Acq: 19 Sep 2024 10:09

Instrument :
BNA_N
ClientSampleId :

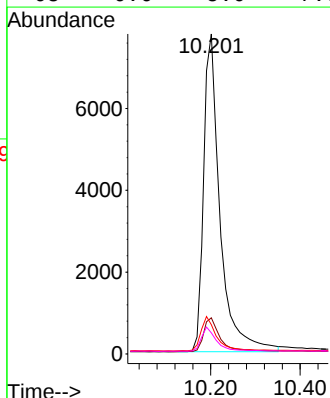
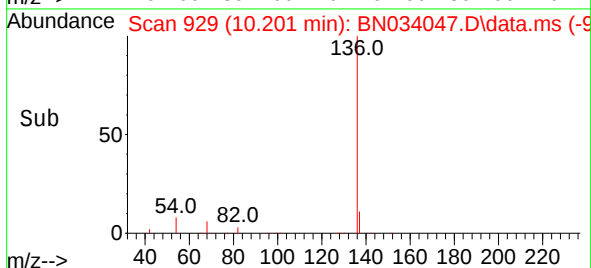
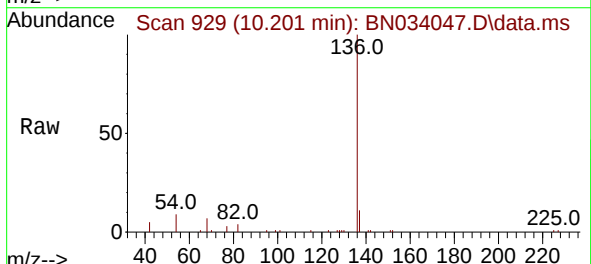


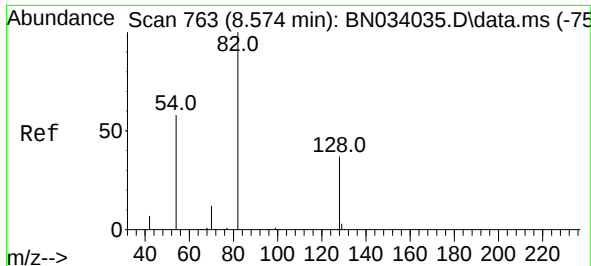
Tgt Ion: 99 Resp: 6660
Ion Ratio Lower Upper
99 100
42 22.7 17.8 26.8
71 33.0 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.201 min Scan# 929
Delta R.T. 0.004 min
Lab File: BN034047.D
Acq: 19 Sep 2024 10:09

Tgt Ion: 136 Resp: 19759
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.2 6.8 10.2
68 6.6 5.0 7.6

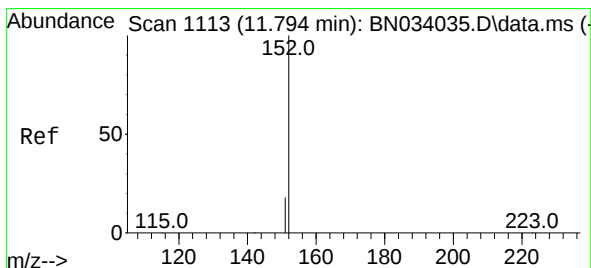
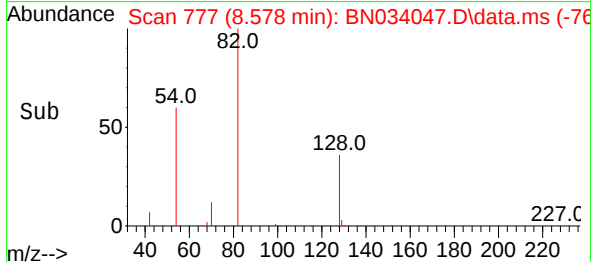
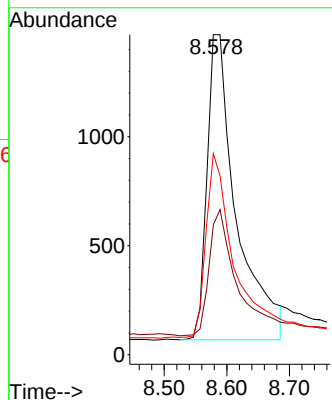
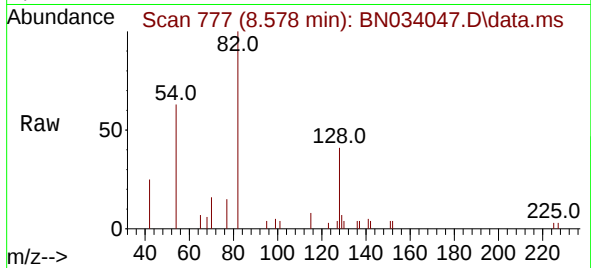




#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 8.578 min Scan# 71
Delta R.T. 0.004 min
Lab File: BN034047.D
Acq: 19 Sep 2024 10:09

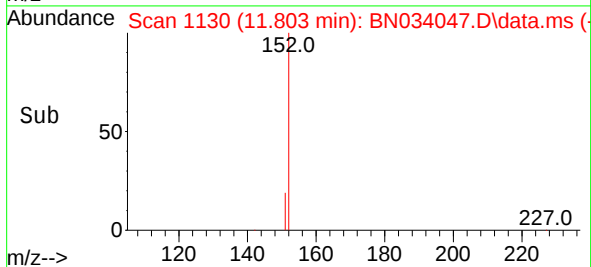
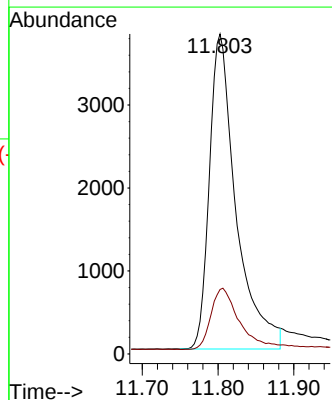
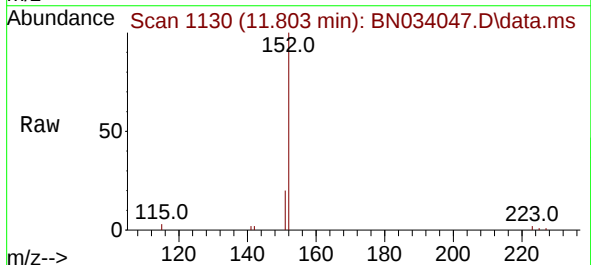
Instrument :
BNA_N
ClientSampleId :

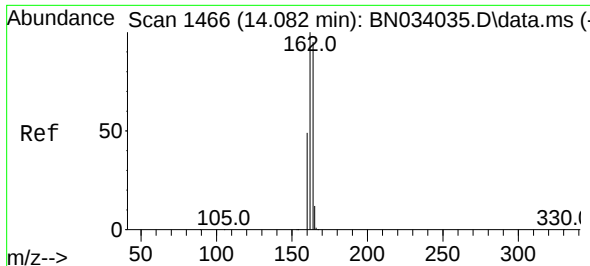
Tgt Ion: 82 Resp: 4571
Ion Ratio Lower Upper
82 100
128 40.5 31.4 47.2
54 62.9 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 11.803 min Scan# 1130
Delta R.T. 0.009 min
Lab File: BN034047.D
Acq: 19 Sep 2024 10:09

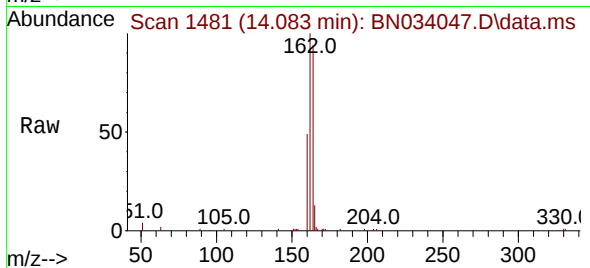
Tgt Ion:152 Resp: 9277
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2



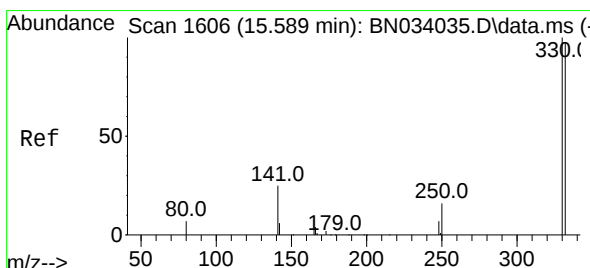
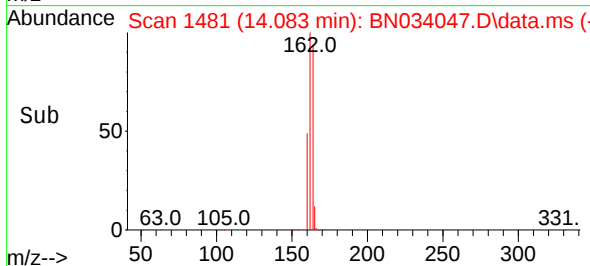
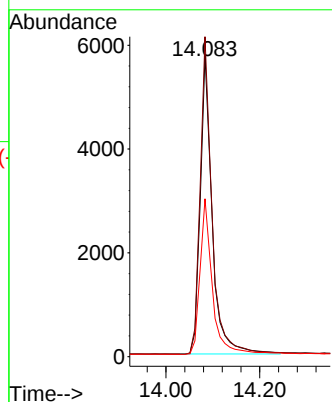


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.083 min Scan# 1466
Delta R.T. 0.001 min
Lab File: BN034047.D
Acq: 19 Sep 2024 10:09

Instrument :
BNA_N
ClientSampleId :

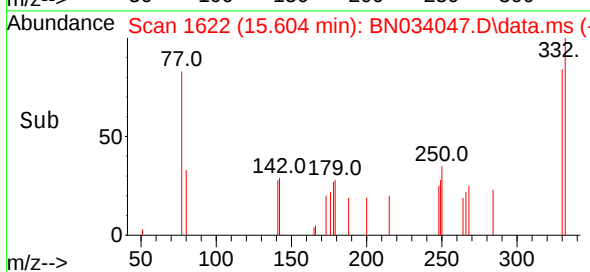
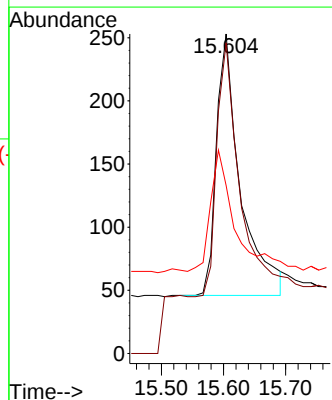
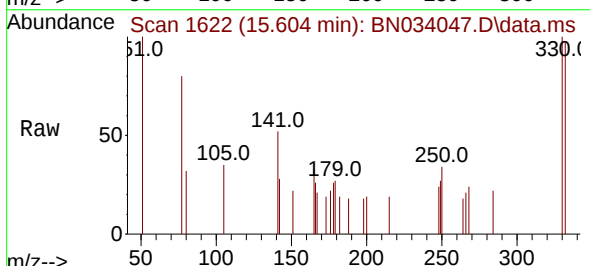


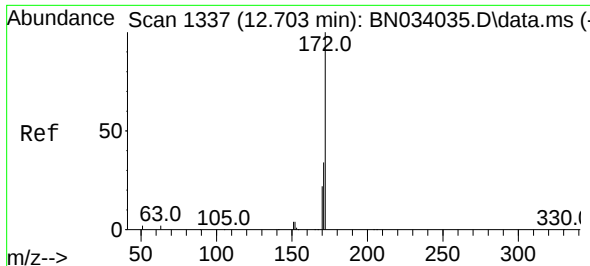
Tgt Ion:164 Resp: 10160
Ion Ratio Lower Upper
164 100
162 106.2 84.2 126.2
160 52.4 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.121 ng
RT: 15.604 min Scan# 1622
Delta R.T. 0.015 min
Lab File: BN034047.D
Acq: 19 Sep 2024 10:09

Tgt Ion:330 Resp: 557
Ion Ratio Lower Upper
330 100
332 93.7 77.4 116.0
141 46.0 35.9 53.9





#15

2-Fluorobiphenyl

Concen: 0.346 ng

RT: 12.704 min Scan# 14291

Delta R.T. 0.001 min

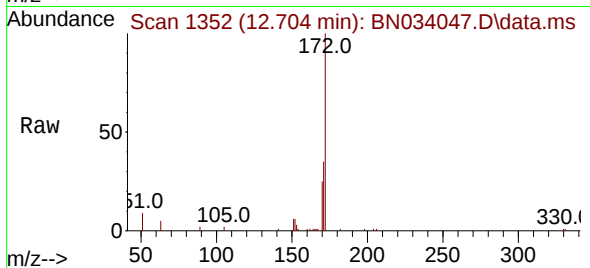
Lab File: BN034047.D

Acq: 19 Sep 2024 10:09

Instrument :

BNA_N

ClientSampleId :



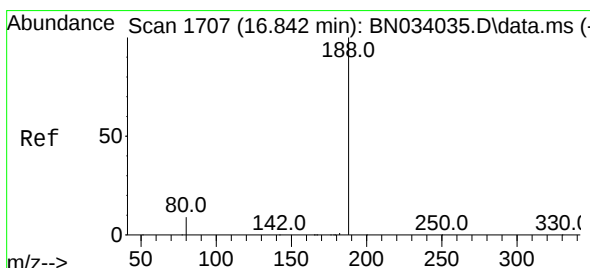
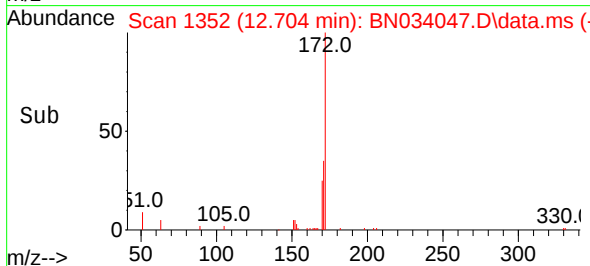
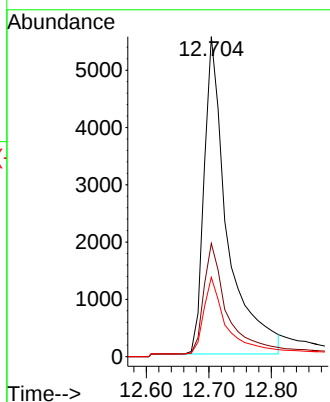
Tgt Ion:172 Resp: 14291

Ion Ratio Lower Upper

172 100

171 35.4 27.3 40.9

170 24.8 18.1 27.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.845 min Scan# 1722

Delta R.T. 0.003 min

Lab File: BN034047.D

Acq: 19 Sep 2024 10:09

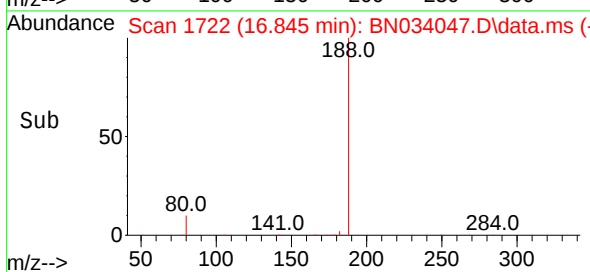
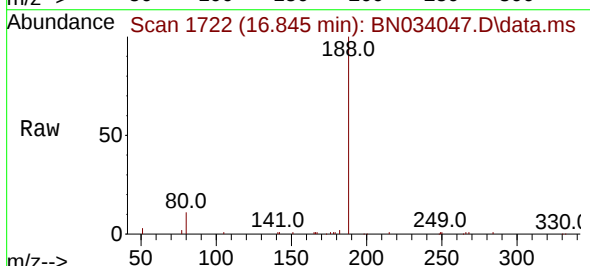
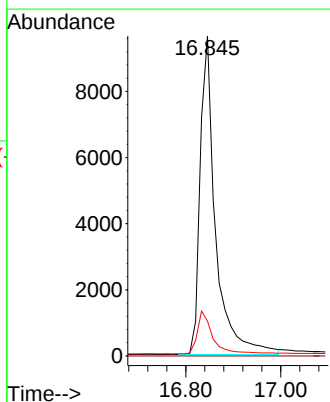
Tgt Ion:188 Resp: 21734

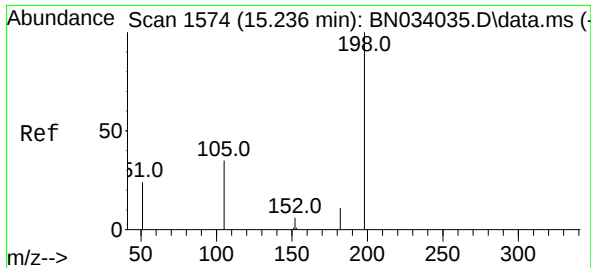
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 7.4 11.0

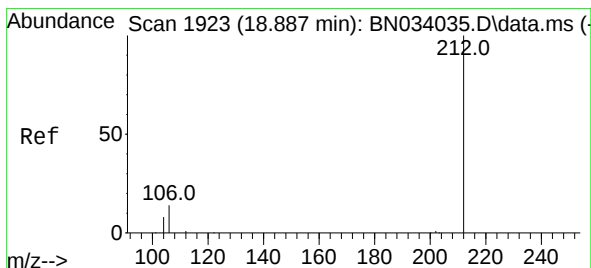
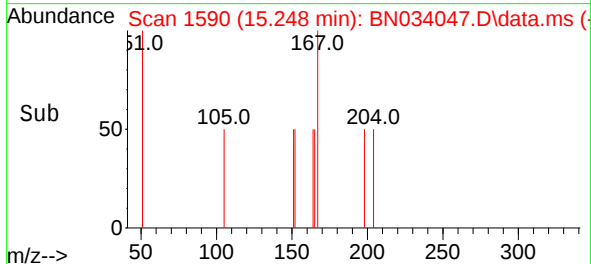
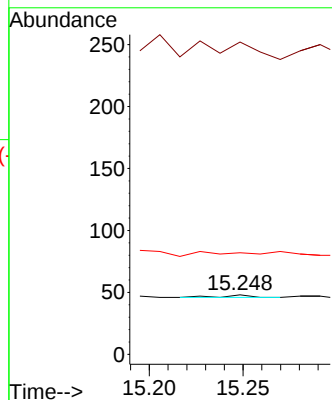
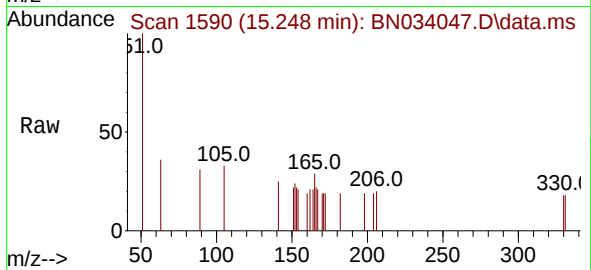




#20
4,6-Dinitro-2-methylphenol
Concen: 0.138 ng
RT: 15.248 min Scan# 1590
Delta R.T. 0.012 min
Lab File: BN034047.D
Acq: 19 Sep 2024 10:09

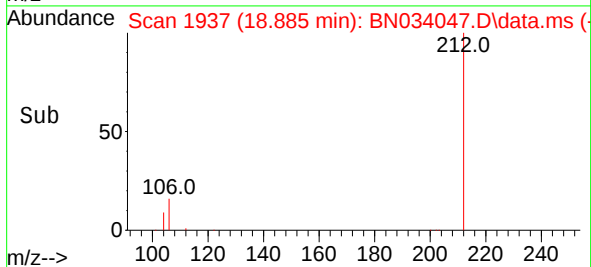
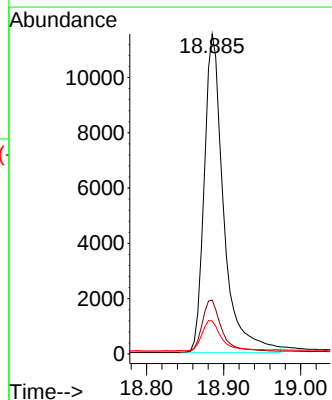
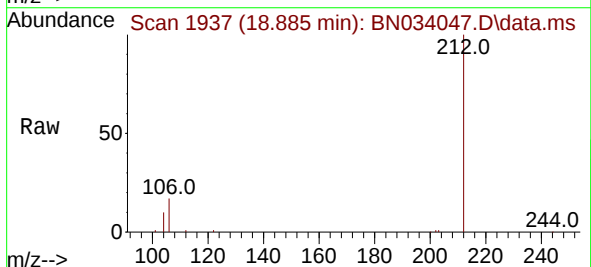
Instrument :
BNA_N
ClientSampleId :

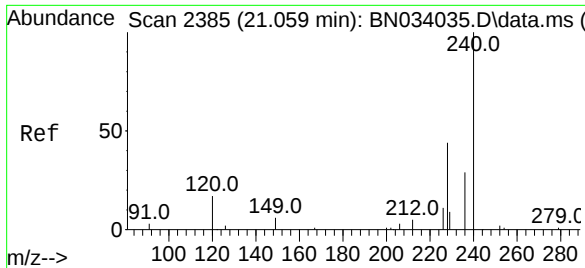
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 525.0 106.4 159.6#
105 170.8 38.5 57.7#



#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 18.885 min Scan# 1937
Delta R.T. -0.002 min
Lab File: BN034047.D
Acq: 19 Sep 2024 10:09

Tgt Ion:212 Resp: 20171
Ion Ratio Lower Upper
212 100
106 16.6 13.4 20.2
104 9.5 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.062 min Scan# 2400

Delta R.T. 0.003 min

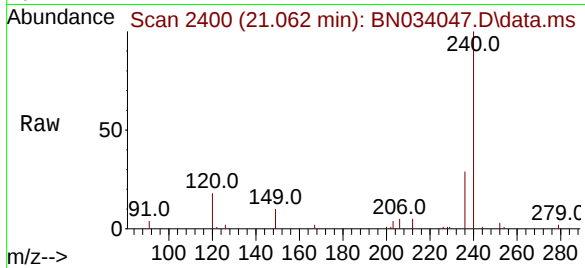
Lab File: BN034047.D

Acq: 19 Sep 2024 10:09

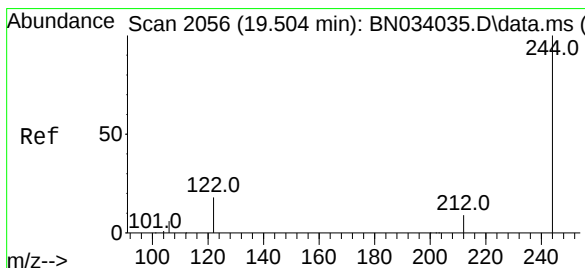
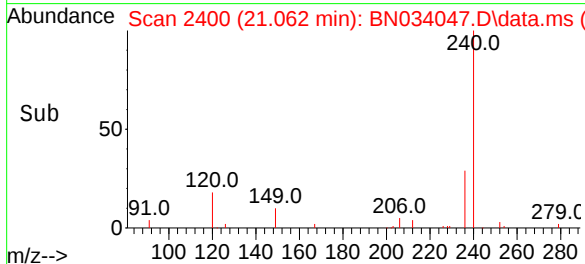
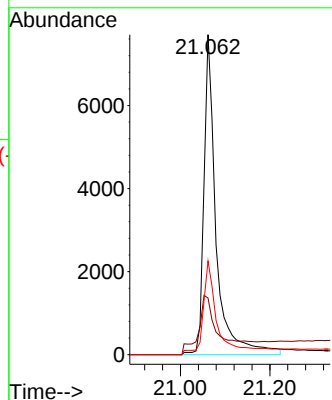
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	240	Resp:	14035
Ion Ratio	Lower	Upper	
240	100		
120	17.7	13.5	20.3
236	29.3	23.4	35.0



#31

Terphenyl-d14

Concen: 0.435 ng

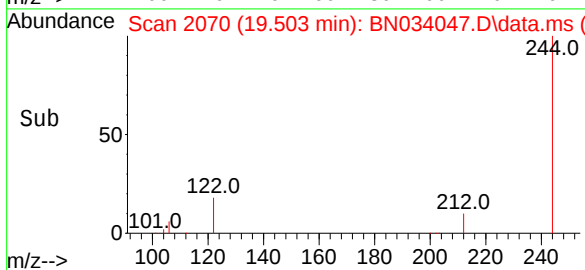
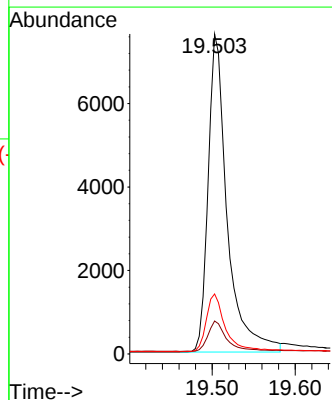
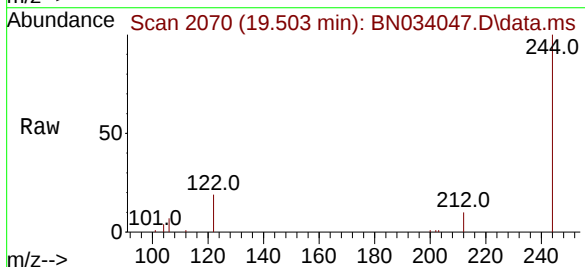
RT: 19.503 min Scan# 2070

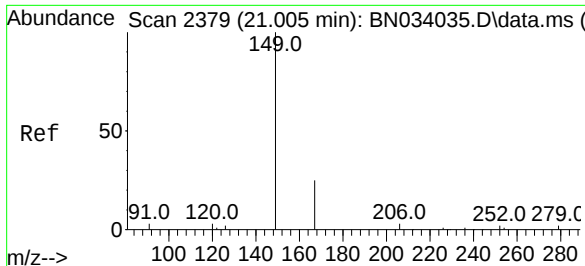
Delta R.T. -0.002 min

Lab File: BN034047.D

Acq: 19 Sep 2024 10:09

Tgt Ion:	244	Resp:	12204
Ion Ratio	Lower	Upper	
244	100		
212	10.3	7.8	11.6
122	18.7	14.8	22.2

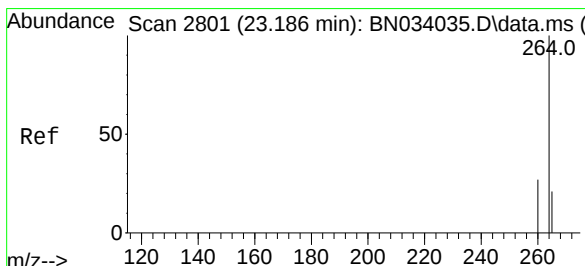
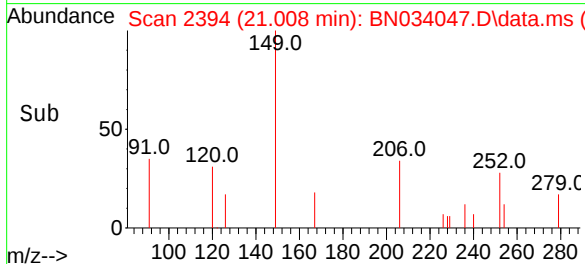
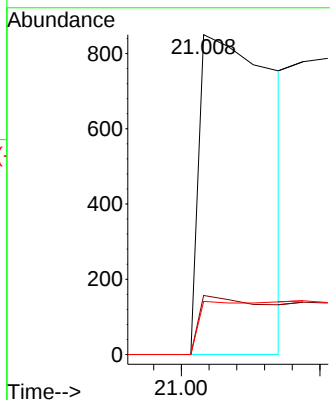
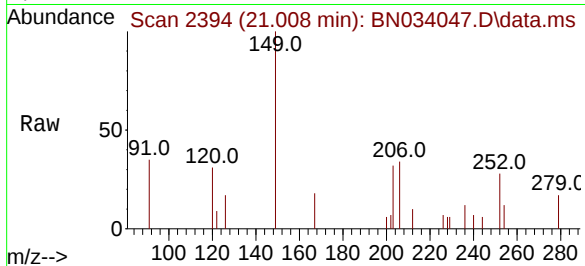




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.008 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN034047.D
 Acq: 19 Sep 2024 10:09

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 1385
 Ion Ratio Lower Upper
 149 100
 167 17.8 19.9 29.9#
 279 0.0 4.6 6.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.189 min Scan# 2818
 Delta R.T. 0.003 min
 Lab File: BN034047.D
 Acq: 19 Sep 2024 10:09

Tgt Ion:264 Resp: 11710
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.7 32.5
 265 97.7 52.1 78.1#

