

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
 Data File : BN029216.D
 Acq On : 28 Dec 2023 16:12
 Operator : MA/JU
 Sample : 05967-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMA1

Quant Time: Dec 28 17:03:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 28 01:20:47 2023
 Response via : Initial Calibration

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

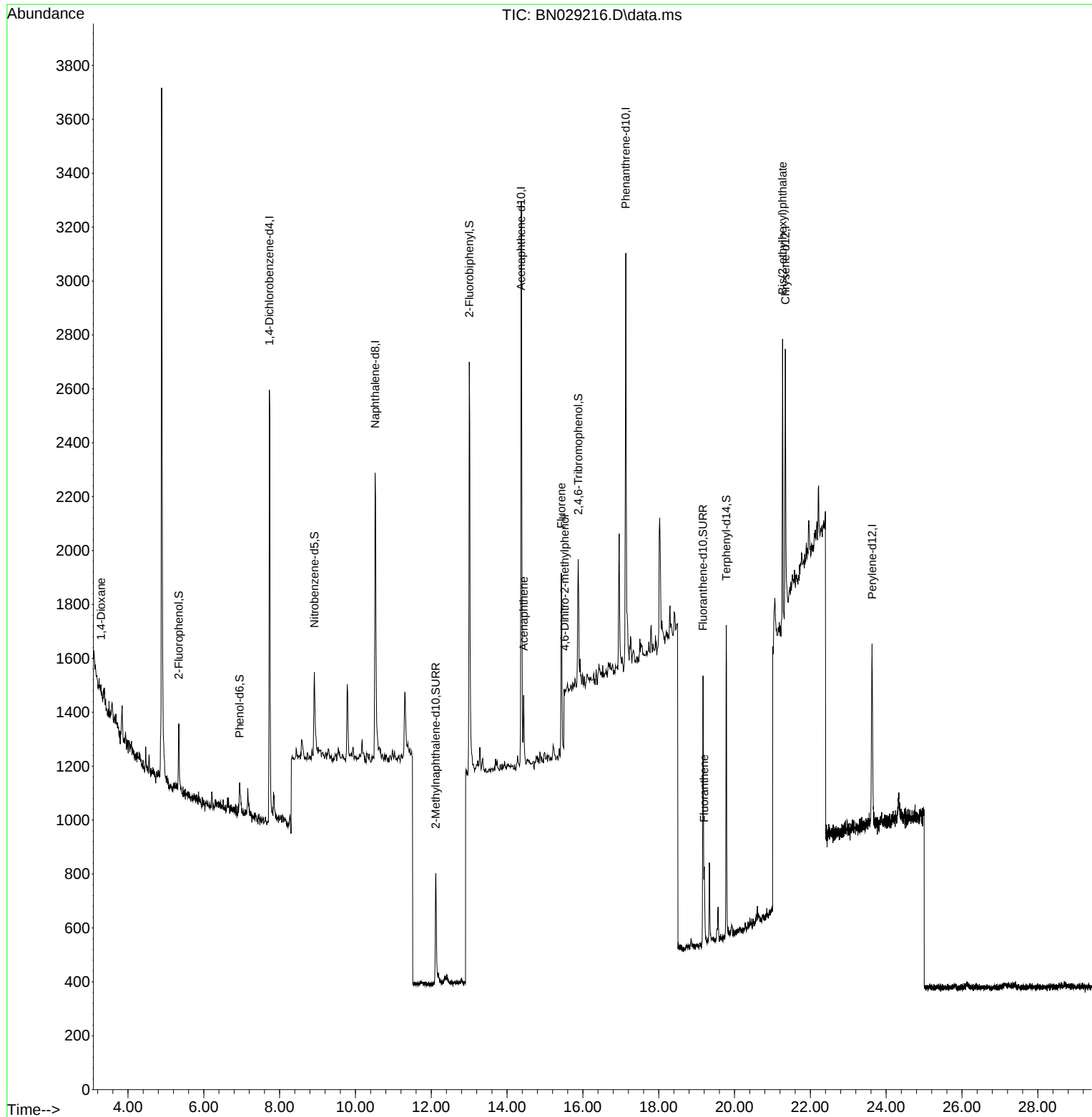
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	881	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	1890	0.400	ng	0.00
13) Acenaphthene-d10	14.372	164	1282	0.400	ng	0.00
19) Phenanthrene-d10	17.131	188	2188	0.400	ng	0.00
29) Chrysene-d12	21.340	240	830	0.400	ng	0.00
35) Perylene-d12	23.628	264	887	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	215	0.105	ng	0.00
5) Phenol-d6	6.944	99	135	0.059	ng	0.00
8) Nitrobenzene-d5	8.918	82	474	0.200	ng	0.01
11) 2-Methylnaphthalene-d10	12.117	152	695	0.213	ng	0.00
14) 2,4,6-Tribromophenol	15.878	330	261	0.264	ng	0.00
15) 2-Fluorobiphenyl	13.004	172	1653	0.240	ng	0.00
27) Fluoranthene-d10	19.169	212	1163	0.261	ng	0.00
31) Terphenyl-d14	19.782	244	975	0.379	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	20	0.025	ng	# 48
17) Acenaphthene	14.436	154	117	0.022	ng	93
18) Fluorene	15.430	166	413	0.055	ng	# 98
20) 4,6-Dinitro-2-methylph...	15.518	198	1	0.104	ng	# 12
28) Fluoranthene	19.201	202	232	0.027	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.268	149	1043	0.150	ng	# 90

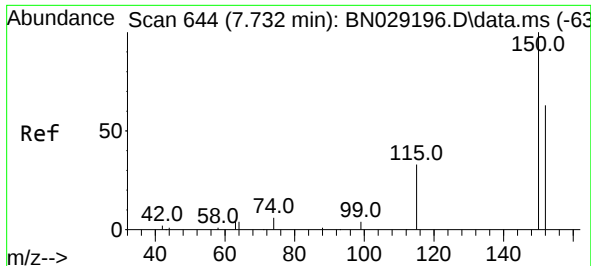
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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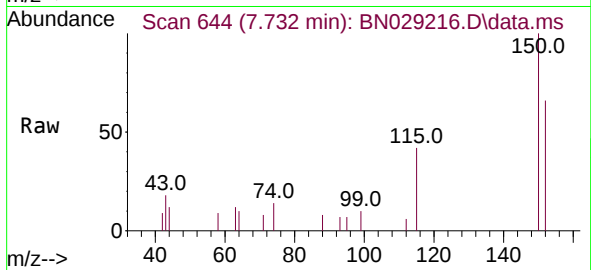
Quant Time: Dec 28 17:03:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
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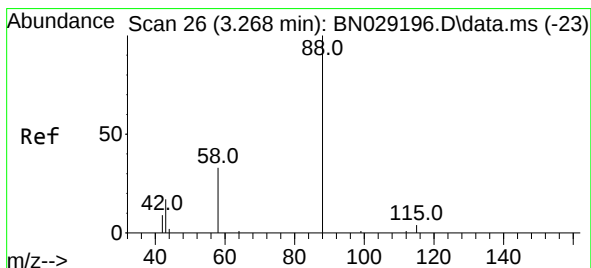
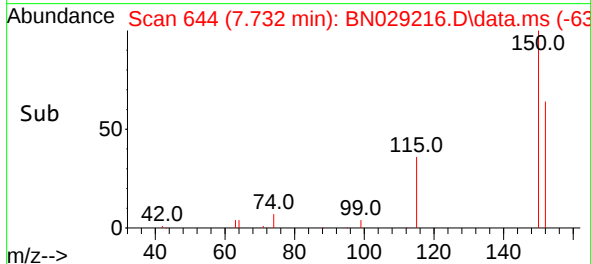
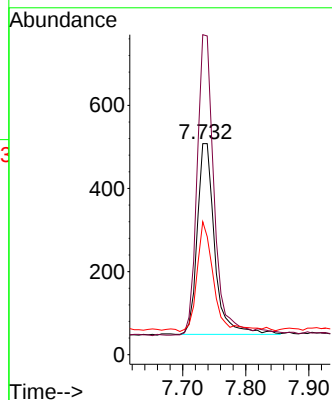


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN029216.D
 Acq: 28 Dec 2023 16:12

Instrument :
 BNA_N
 ClientSampleId :
 COMA1

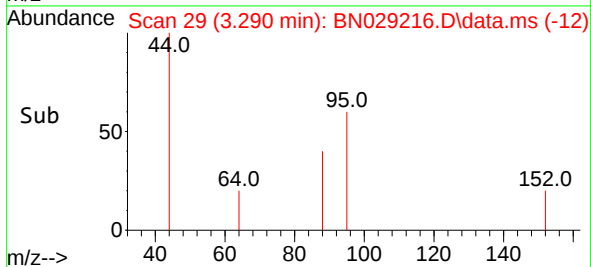
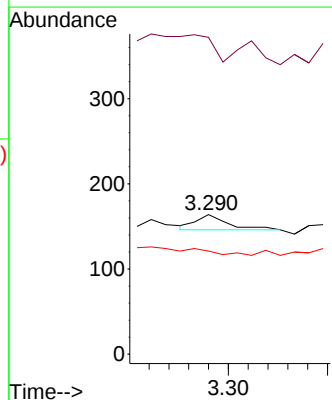
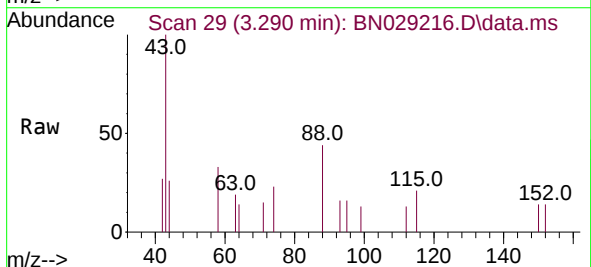


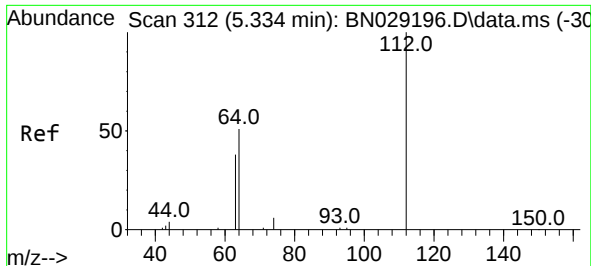
Tgt Ion:152 Resp: 881
 Ion Ratio Lower Upper
 152 100
 150 151.6 122.2 183.2
 115 63.0 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.025 ng
 RT: 3.290 min Scan# 29
 Delta R.T. 0.022 min
 Lab File: BN029216.D
 Acq: 28 Dec 2023 16:12

Tgt Ion: 88 Resp: 20
 Ion Ratio Lower Upper
 88 100
 43 0.0 19.0 28.4#
 58 0.0 23.1 34.7#

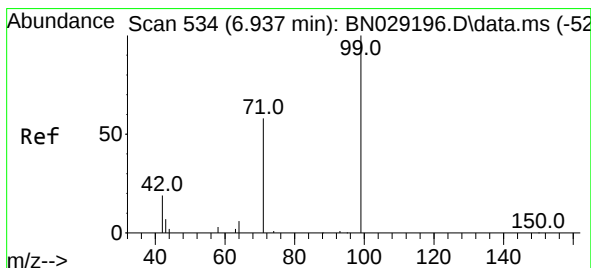
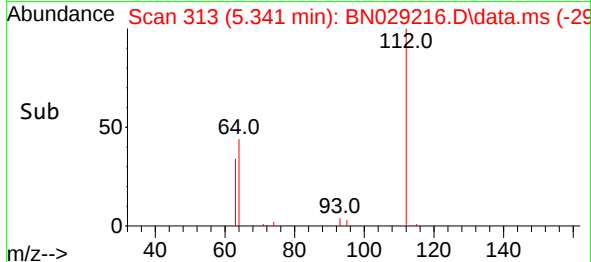
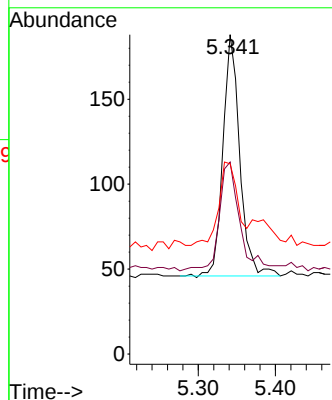
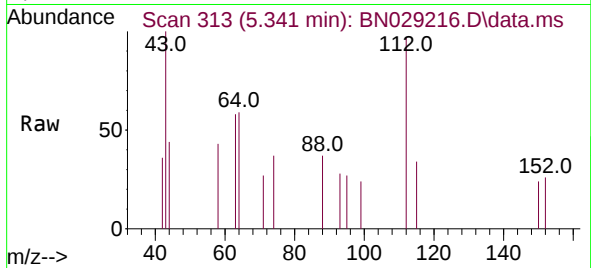




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.341 min Scan# 312
Delta R.T. 0.007 min
Lab File: BN029216.D
Acq: 28 Dec 2023 16:12

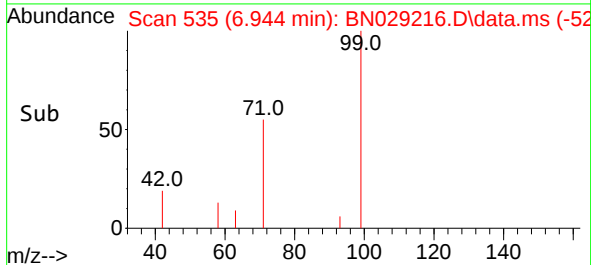
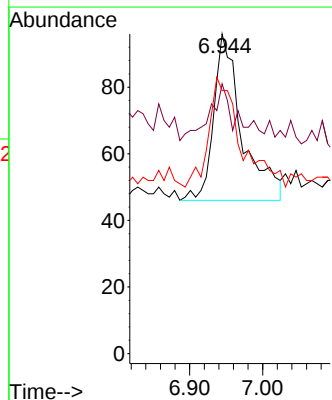
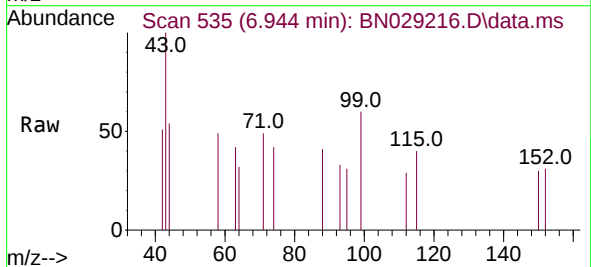
Instrument :
BNA_N
ClientSampleId :
COMA1

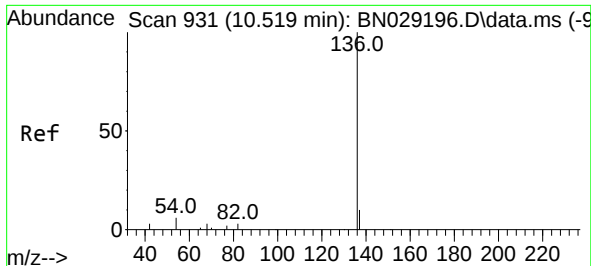
Tgt Ion:112 Resp: 215
Ion Ratio Lower Upper
112 100
64 54.9 38.8 58.2
63 39.1 30.6 45.8



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.944 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN029216.D
Acq: 28 Dec 2023 16:12

Tgt Ion: 99 Resp: 135
Ion Ratio Lower Upper
99 100
42 28.1 18.3 27.5#
71 74.1 48.6 73.0#

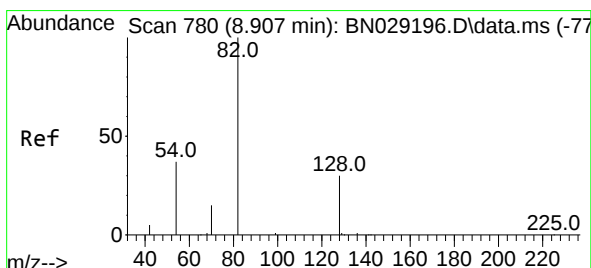
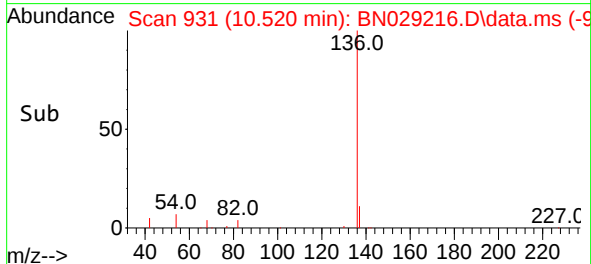
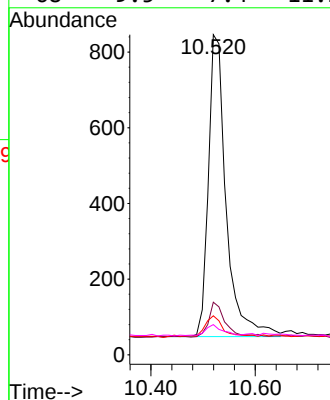
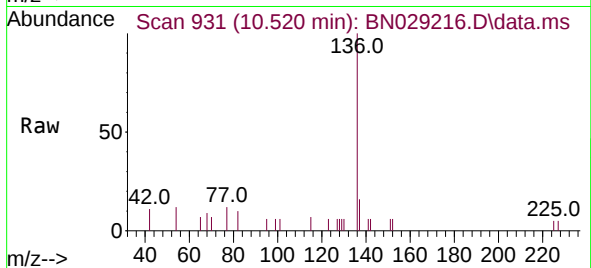




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 91
Delta R.T. 0.001 min
Lab File: BN029216.D
Acq: 28 Dec 2023 16:12

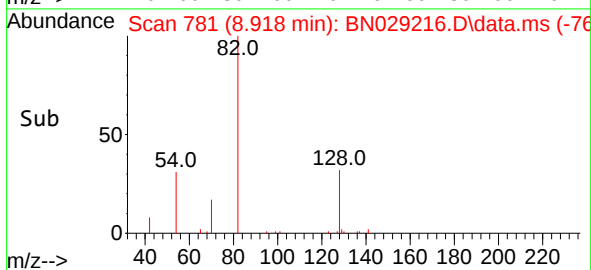
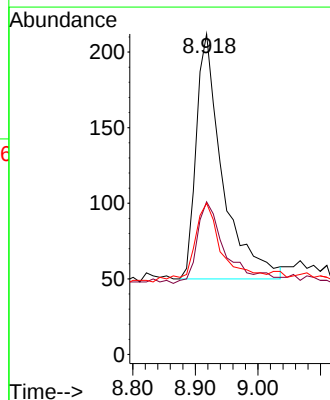
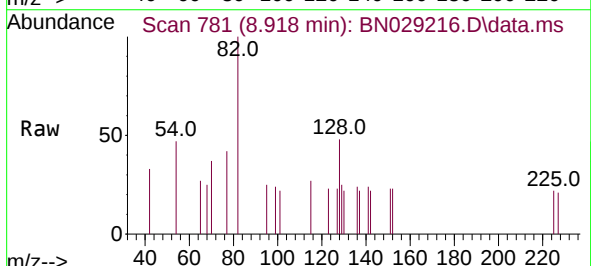
Instrument :
BNA_N
ClientSampleId :
COMA1

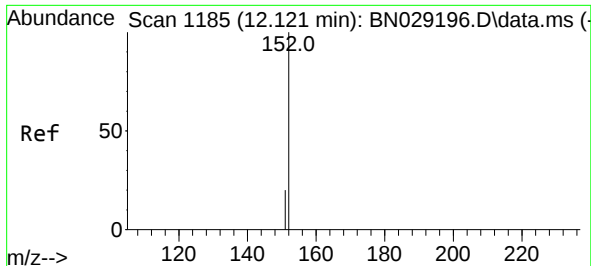
Tgt Ion:	136	Resp:	1890
Ion	Ratio	Lower	Upper
136	100		
137	16.4	13.0	19.4
54	12.2	9.8	14.6
68	9.5	7.4	11.2



#8
Nitrobenzene-d5
Concen: 0.200 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.011 min
Lab File: BN029216.D
Acq: 28 Dec 2023 16:12

Tgt Ion:	82	Resp:	474
Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.2	51.2
54	47.2	38.8	58.2

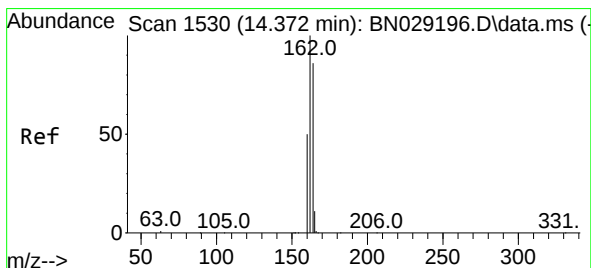
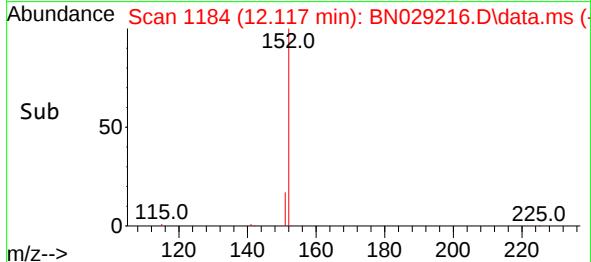
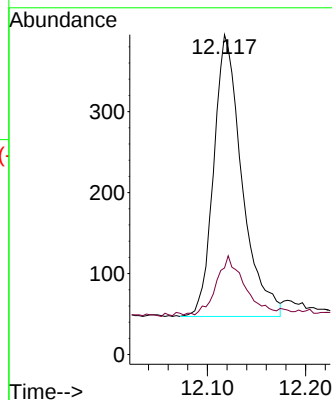
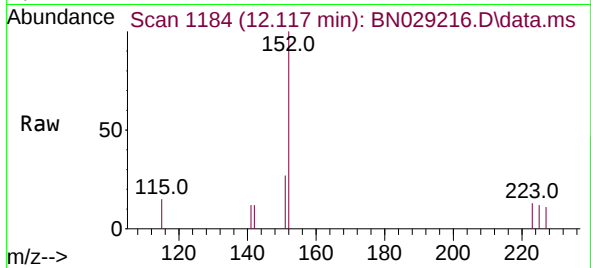




#11
2-Methylnaphthalene-d10
Concen: 0.213 ng
RT: 12.117 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BN029216.D
Acq: 28 Dec 2023 16:12

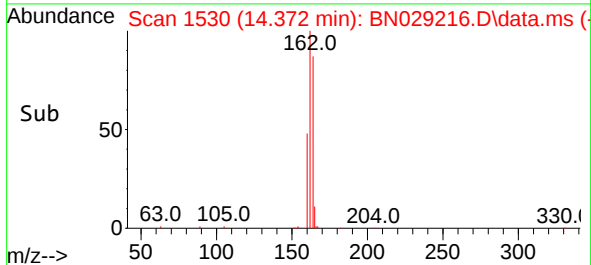
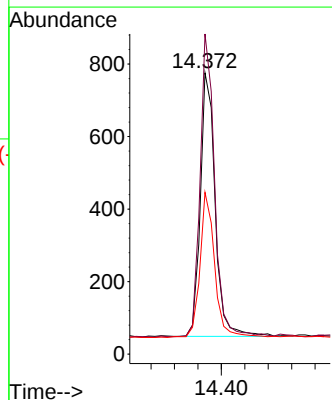
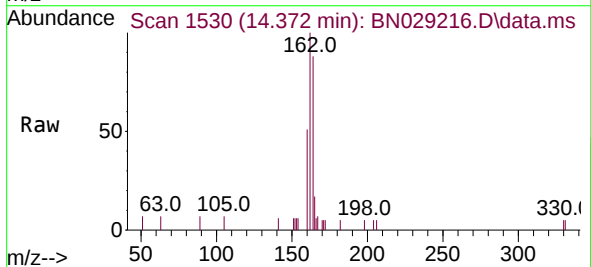
Instrument :
BNA_N
ClientSampleId :
COMA1

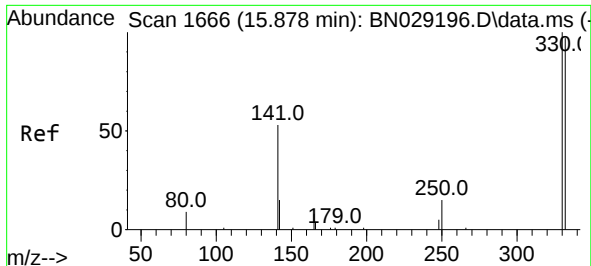
Tgt Ion:152 Resp: 695
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.372 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN029216.D
Acq: 28 Dec 2023 16:12

Tgt Ion:164 Resp: 1282
Ion Ratio Lower Upper
164 100
162 113.8 91.8 137.8
160 57.5 49.4 74.2

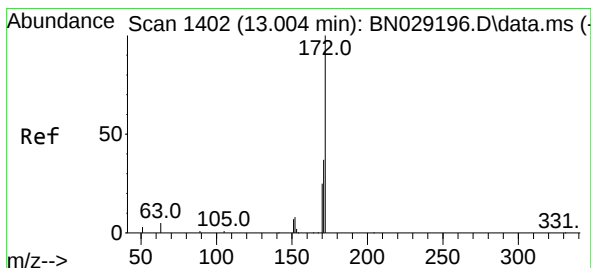
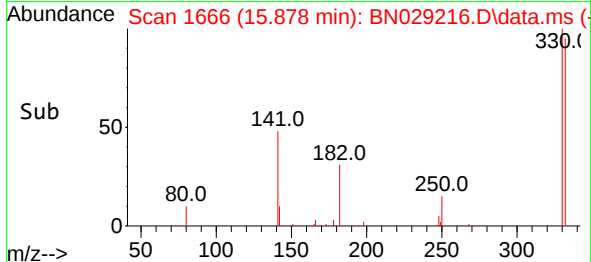
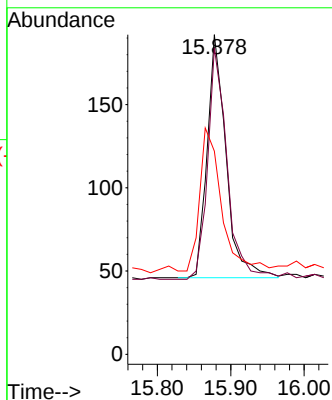
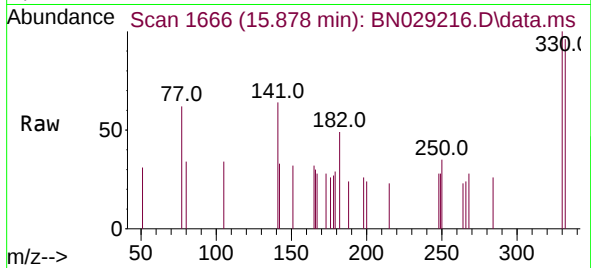




#14
2,4,6-Tribromophenol
Concen: 0.264 ng
RT: 15.878 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN029216.D
Acq: 28 Dec 2023 16:12

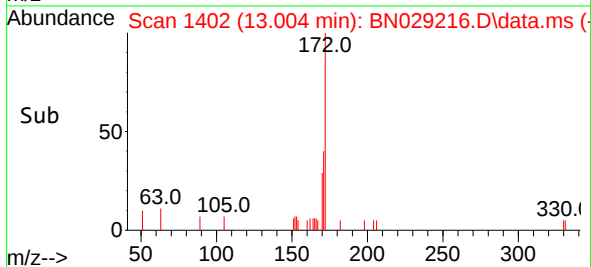
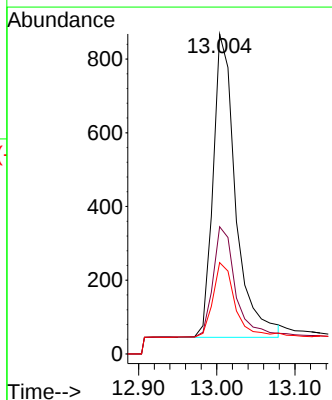
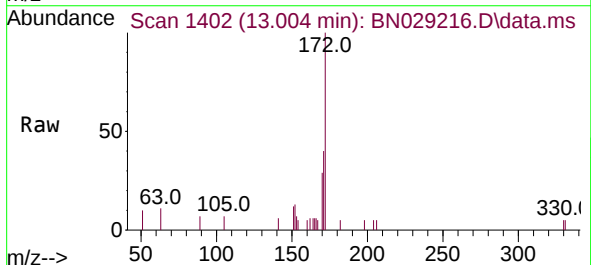
Instrument :
BNA_N
ClientSampleId :
COMA1

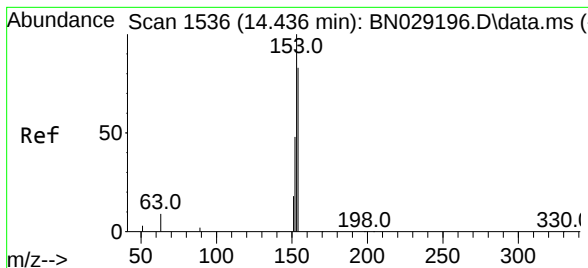
Tgt Ion: 330 Resp: 261
Ion Ratio Lower Upper
330 100
332 98.5 74.4 111.6
141 64.8 46.7 70.1



#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 13.004 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN029216.D
Acq: 28 Dec 2023 16:12

Tgt Ion: 172 Resp: 1653
Ion Ratio Lower Upper
172 100
171 39.7 32.8 49.2
170 28.6 24.0 36.0





#17

Acenaphthene

Concen: 0.022 ng

RT: 14.436 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BN029216.D

Acq: 28 Dec 2023 16:12

Instrument :

BNA_N

ClientSampleId :

COMA1

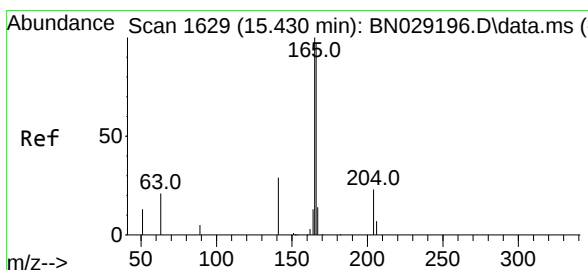
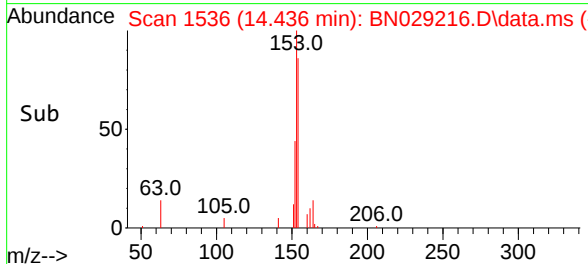
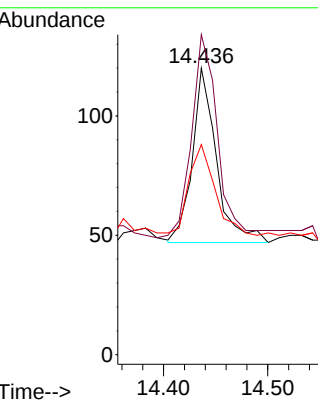
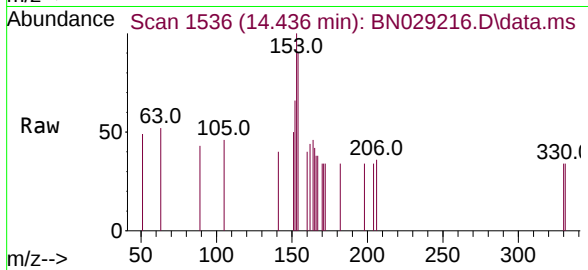
Tgt Ion:154 Resp: 117

Ion Ratio Lower Upper

154 100

153 128.2 94.6 141.8

152 56.4 46.4 69.6



#18

Fluorene

Concen: 0.055 ng

RT: 15.430 min Scan# 1629

Delta R.T. 0.000 min

Lab File: BN029216.D

Acq: 28 Dec 2023 16:12

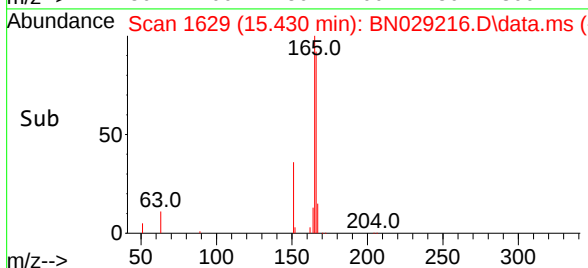
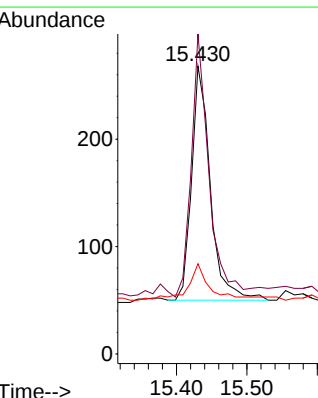
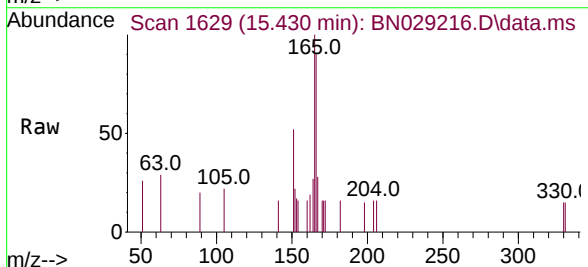
Tgt Ion:166 Resp: 413

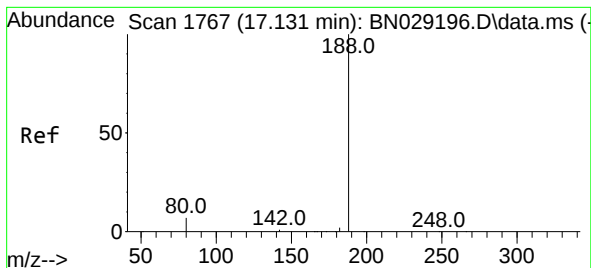
Ion Ratio Lower Upper

166 100

165 103.9 82.8 124.2

167 19.9 11.4 17.2#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.131 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN029216.D

Acq: 28 Dec 2023 16:12

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BNA_N

ClientSampleId :

COMA1

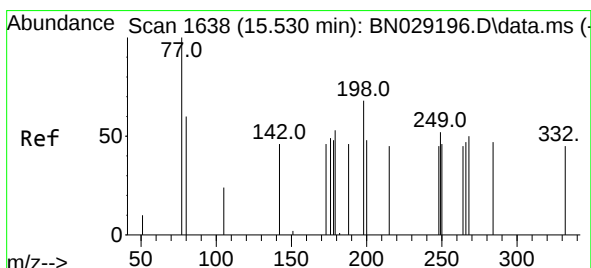
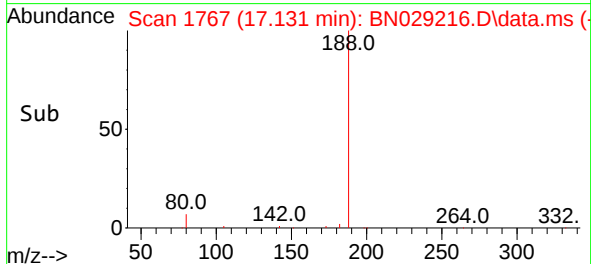
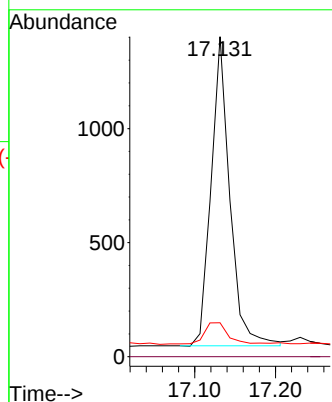
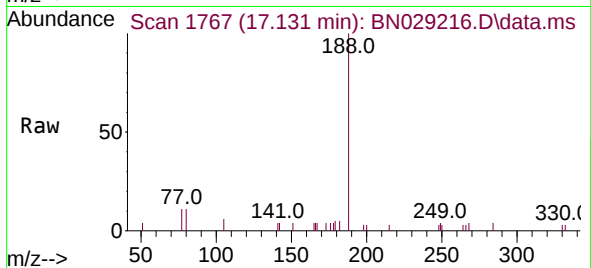
Tgt Ion:188 Resp: 2188

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.104 ng

RT: 15.518 min Scan# 1637

Delta R.T. -0.012 min

Lab File: BN029216.D

Acq: 28 Dec 2023 16:12

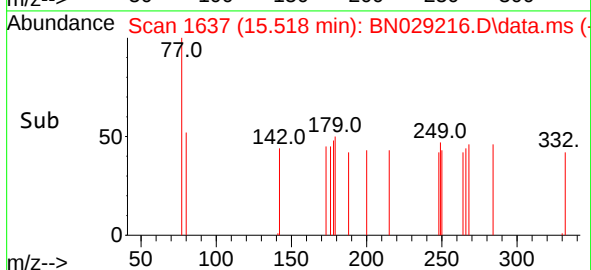
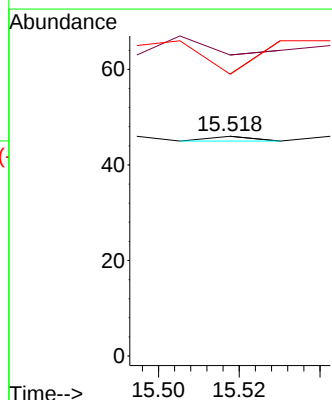
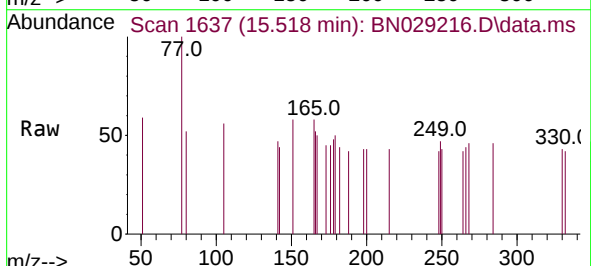
Tgt Ion:198 Resp: 1

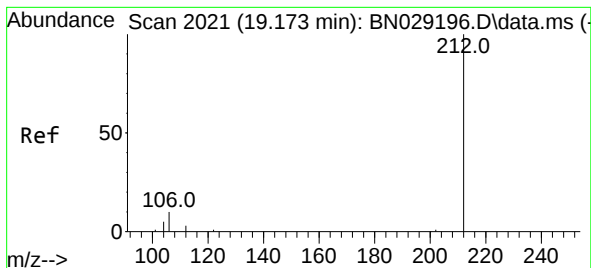
Ion Ratio Lower Upper

198 100

51 137.0 47.4 71.2#

105 128.3 54.5 81.7#





#27

Fluoranthene-d10

Concen: 0.261 ng

RT: 19.169 min Scan# 20

Delta R.T. -0.005 min

Lab File: BN029216.D

Acq: 28 Dec 2023 16:12

Instrument :

BNA_N

ClientSampleId :

COMA1

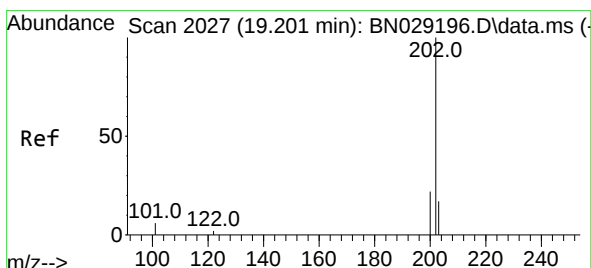
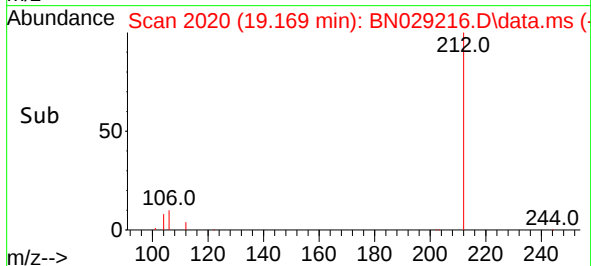
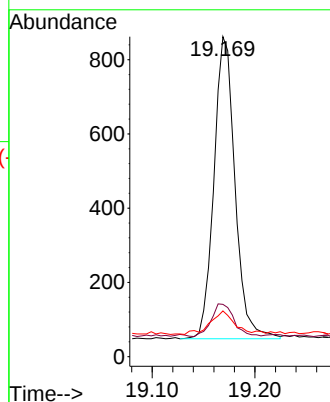
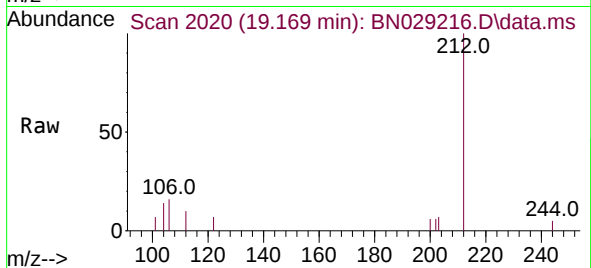
Tgt Ion:212 Resp: 1163

Ion Ratio Lower Upper

212 100

106 11.6 9.7 14.5

104 8.2 6.3 9.5



#28

Fluoranthene

Concen: 0.027 ng

RT: 19.201 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BN029216.D

Acq: 28 Dec 2023 16:12

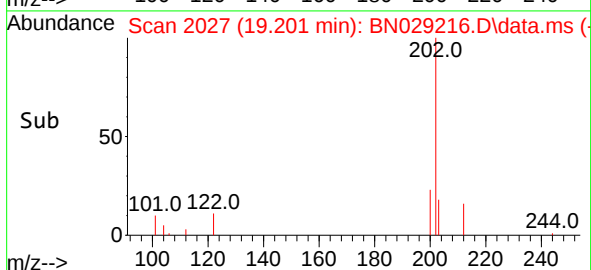
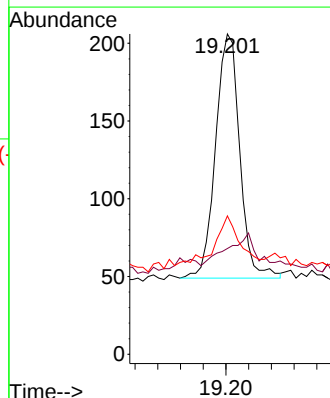
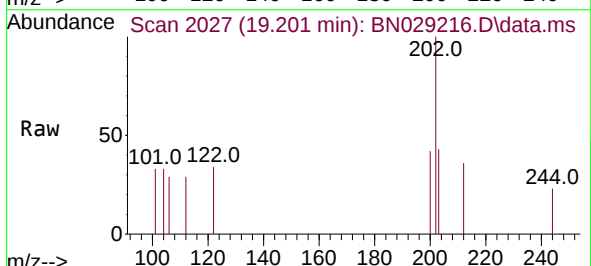
Tgt Ion:202 Resp: 232

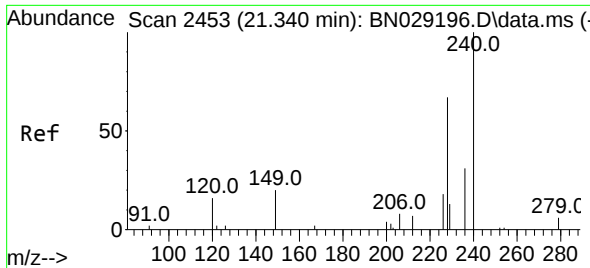
Ion Ratio Lower Upper

202 100

101 25.4 5.8 8.6#

203 25.9 13.6 20.4#

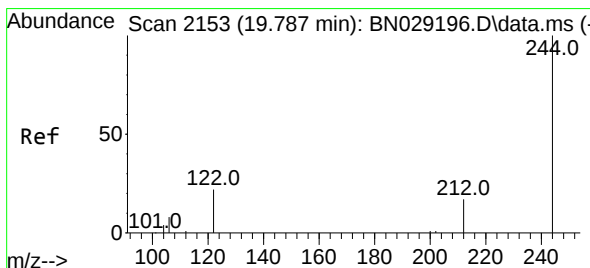
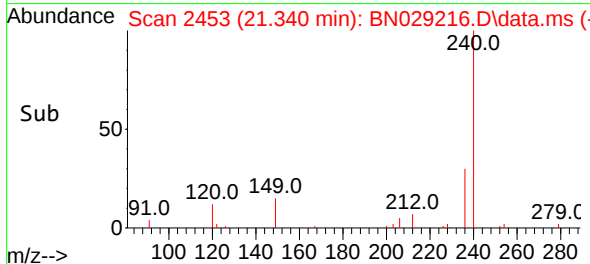
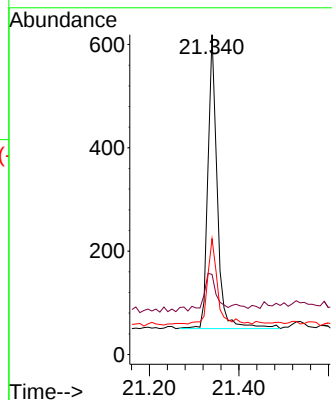
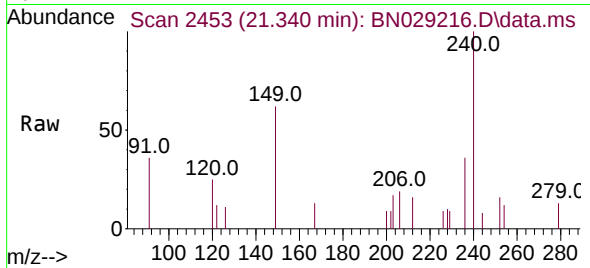




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BN029216.D
Acq: 28 Dec 2023 16:12

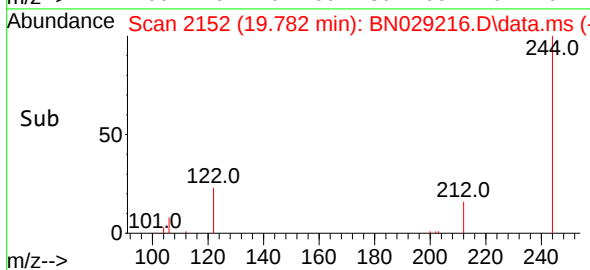
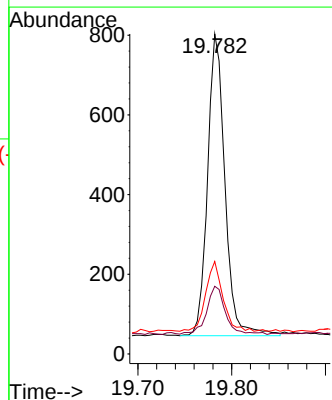
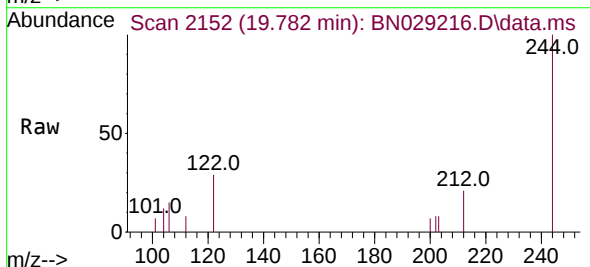
Instrument :
BNA_N
ClientSampleId :
COMA1

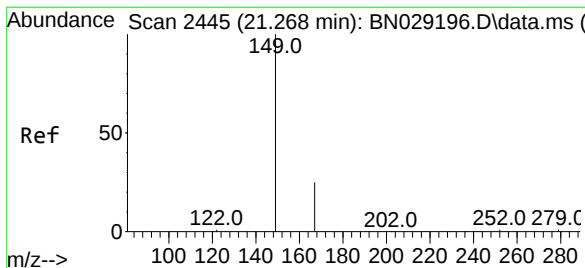
Tgt Ion:240 Resp: 830
Ion Ratio Lower Upper
240 100
120 25.0 24.6 36.8
236 36.2 32.0 48.0



#31
Terphenyl-d14
Concen: 0.379 ng
RT: 19.782 min Scan# 2152
Delta R.T. -0.005 min
Lab File: BN029216.D
Acq: 28 Dec 2023 16:12

Tgt Ion:244 Resp: 975
Ion Ratio Lower Upper
244 100
212 21.2 20.1 30.1
122 28.9 23.9 35.9

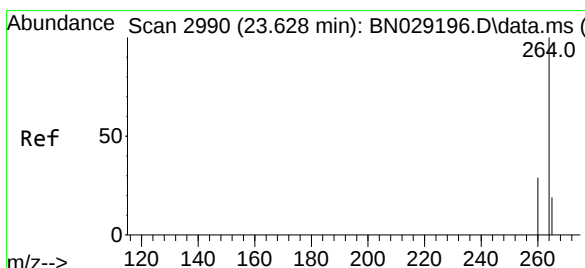
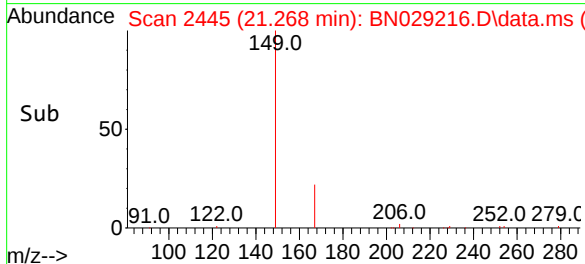
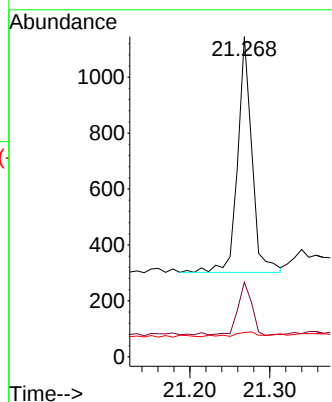
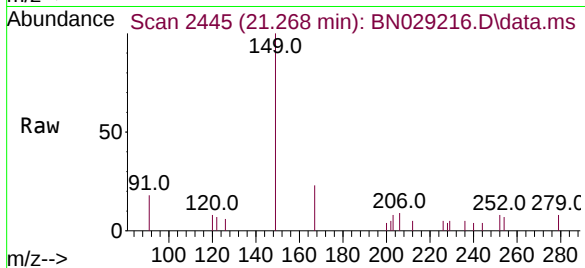




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.150 ng
 RT: 21.268 min Scan# 2445
 Delta R.T. 0.000 min
 Lab File: BN029216.D
 Acq: 28 Dec 2023 16:12

Instrument :
 BNA_N
 ClientSampleId :
 COMA1

Tgt Ion:149 Resp: 1043
 Ion Ratio Lower Upper
 149 100
 167 20.4 20.7 31.1#
 279 3.4 2.4 3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.628 min Scan# 2990
 Delta R.T. 0.000 min
 Lab File: BN029216.D
 Acq: 28 Dec 2023 16:12

Tgt Ion:264 Resp: 887
 Ion Ratio Lower Upper
 264 100
 260 35.6 30.2 45.4
 265 110.9 88.1 132.1

