

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
 Data File : BN025732.D
 Acq On : 31 May 2023 02:07
 Operator : CG/JU
 Sample : 02880-19DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20230519DL

Quant Time: May 31 04:49:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

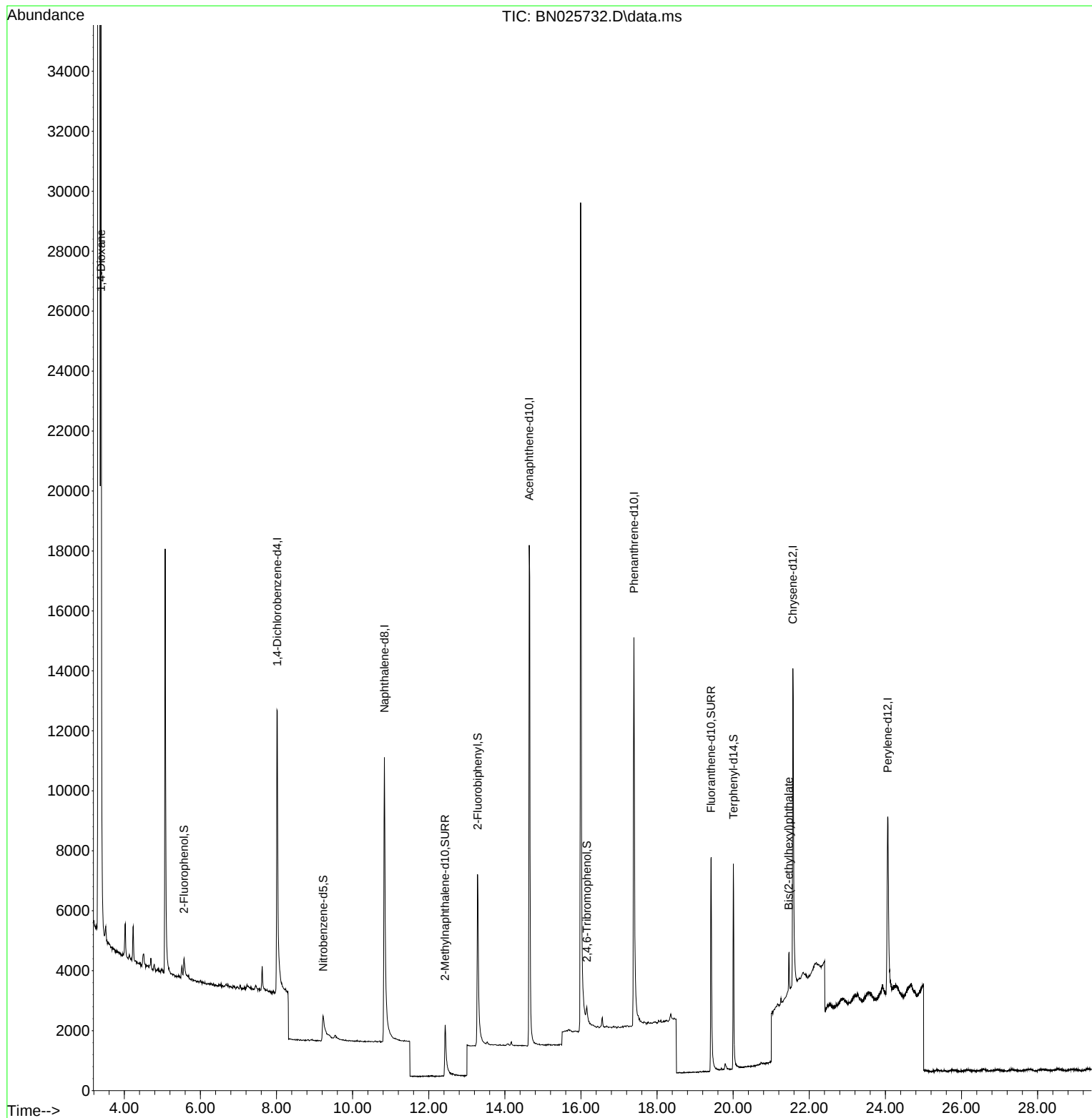
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	6941	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	19572	0.400	ng	# 0.00
13) Acenaphthene-d10	14.641	164	12017	0.400	ng	-0.01
19) Phenanthrene-d10	17.393	188	24568	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	14606	0.400	ng	0.00
35) Perylene-d12	24.063	264	12489	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.571	112	977	0.055	ng	0.01
5) Phenol-d6	7.232	99	418	0.020	ng	0.06
8) Nitrobenzene-d5	9.223	82	2001	0.122	ng	0.03
11) 2-Methylnaphthalene-d10	12.430	152	4537	0.162	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	392	0.161	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	7492	0.151	ng	0.00
27) Fluoranthene-d10	19.421	212	10770	0.193	ng	0.00
31) Terphenyl-d14	20.006	244	7526	0.235	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	20588	2.561	ng	Qvalue 100
34) Bis(2-ethylhexyl)phtha...	21.462	149	2032	0.061	ng	# 90

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

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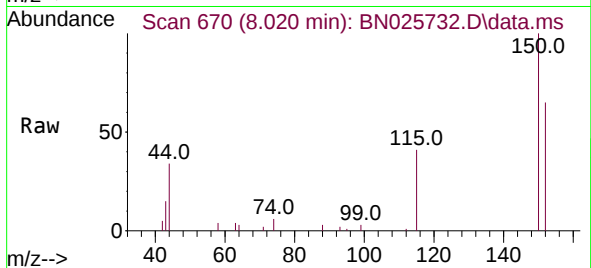
Quant Time: May 31 04:49:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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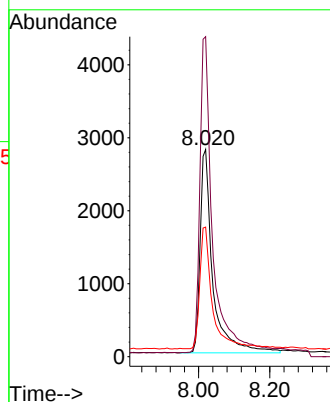
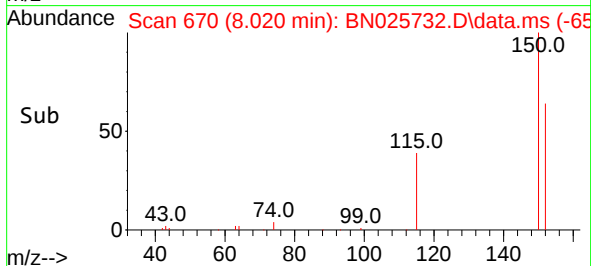


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.020 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN025732.D
Acq: 31 May 2023 02:07

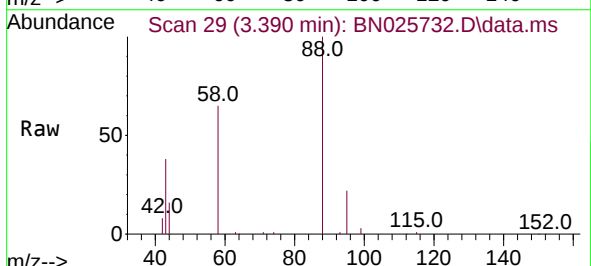
Instrument :
BNA_N
ClientSampleId :
RE137-20230519DL



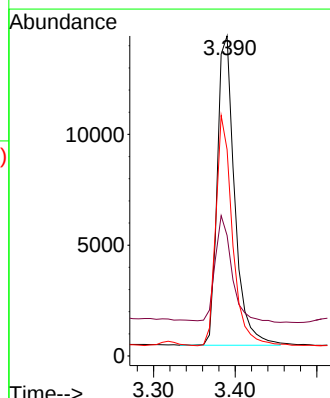
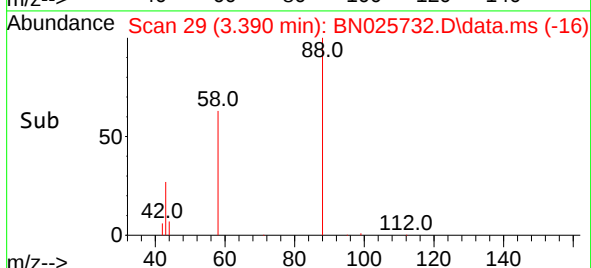
Tgt Ion:152 Resp: 6941
Ion Ratio Lower Upper
152 100
150 154.5 121.0 181.6
115 62.6 48.5 72.7



#2
1,4-Dioxane
Concen: 2.561 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025732.D
Acq: 31 May 2023 02:07



Tgt Ion: 88 Resp: 20588
Ion Ratio Lower Upper
88 100
43 33.4 26.5 39.7
58 71.2 56.8 85.2

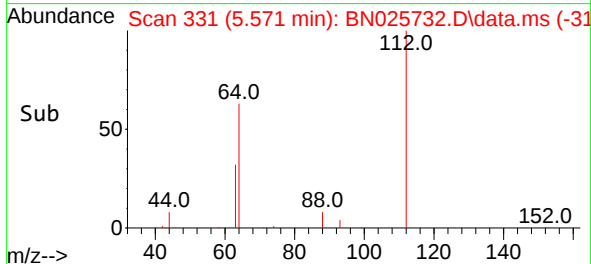
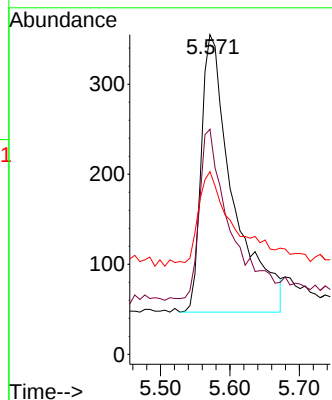
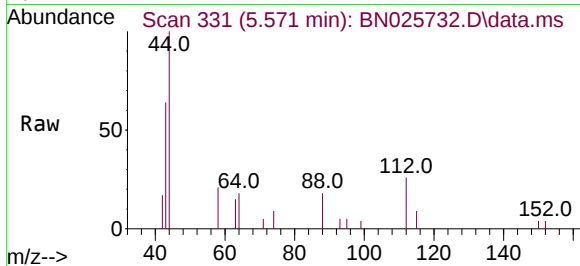




#4
2-Fluorophenol
Concen: 0.055 ng
RT: 5.571 min Scan# 31
Delta R.T. 0.015 min
Lab File: BN025732.D
Acq: 31 May 2023 02:07

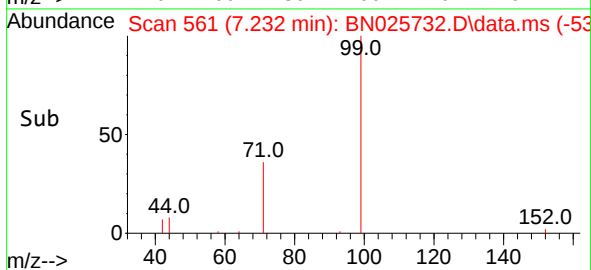
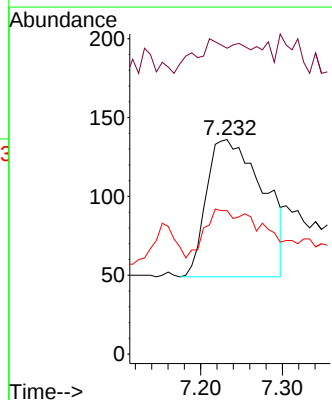
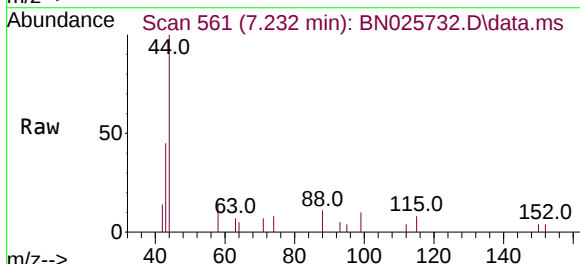
Instrument :
BNA_N
ClientSampleId :
RE137-20230519DL

Tgt Ion: 112 Resp: 977
Ion Ratio Lower Upper
112 100
64 61.0 45.7 68.5
63 40.4 26.2 39.2#



#5
Phenol-d6
Concen: 0.020 ng
RT: 7.232 min Scan# 561
Delta R.T. 0.058 min
Lab File: BN025732.D
Acq: 31 May 2023 02:07

Tgt Ion: 99 Resp: 418
Ion Ratio Lower Upper
99 100
42 0.0 17.1 25.7#
71 0.0 29.3 43.9#

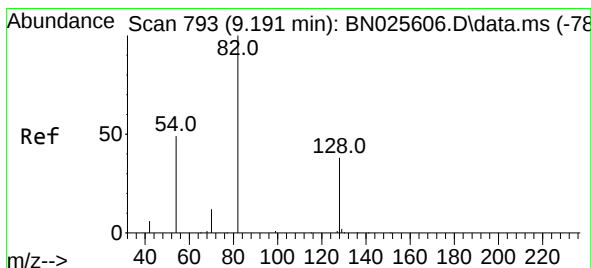
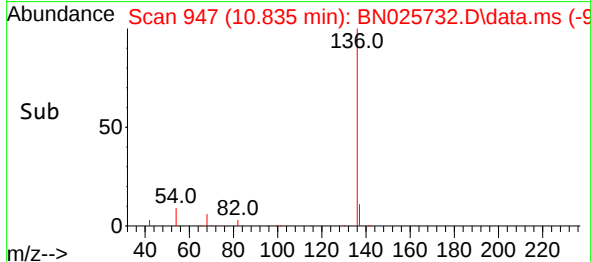
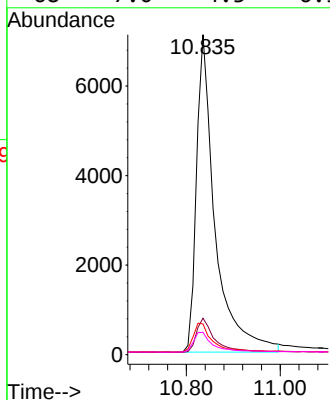
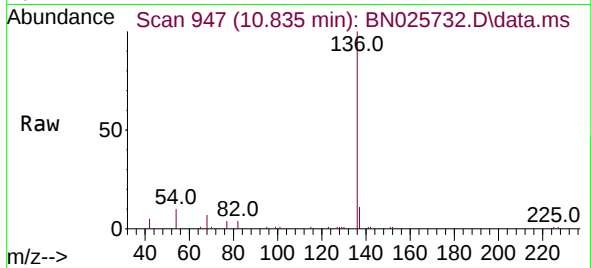




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN025732.D
Acq: 31 May 2023 02:07

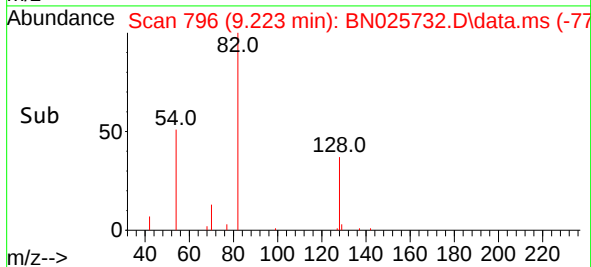
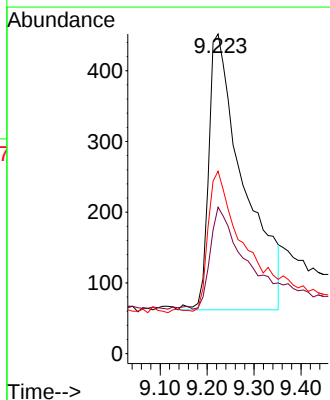
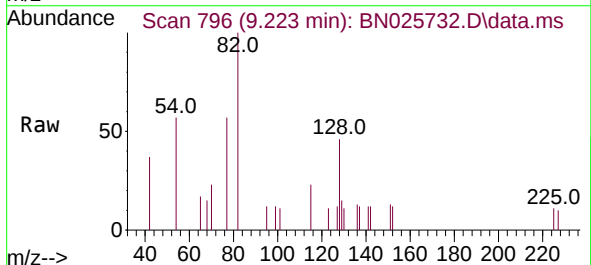
Instrument :
BNA_N
ClientSampleId :
RE137-20230519DL

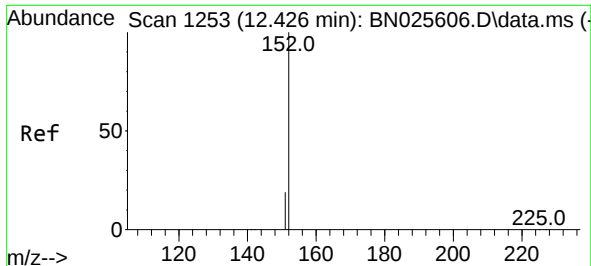
Tgt Ion:	136	Resp:	19572
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	9.6	5.4	8.0#
68	7.0	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.122 ng
RT: 9.223 min Scan# 796
Delta R.T. 0.032 min
Lab File: BN025732.D
Acq: 31 May 2023 02:07

Tgt Ion:	82	Resp:	2001
Ion Ratio	Lower	Upper	
82	100		
128	45.8	32.5	48.7
54	57.1	40.6	60.8

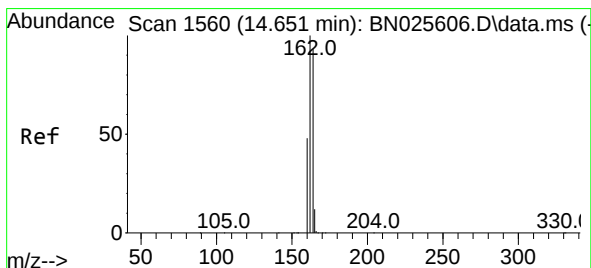
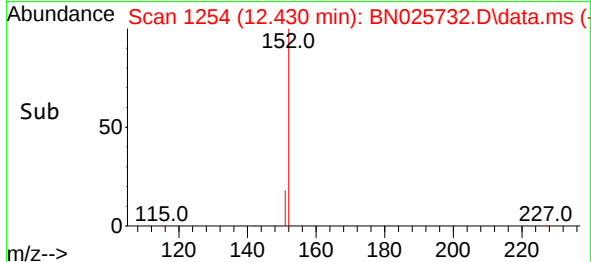
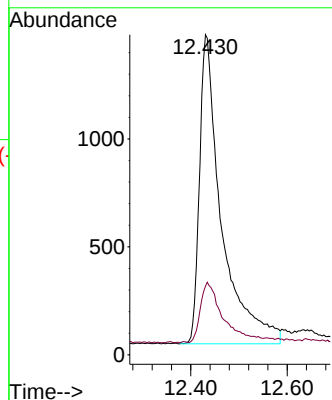
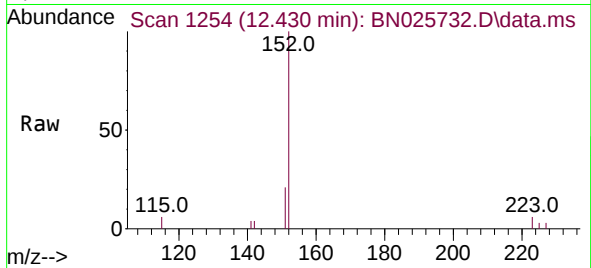




#11
2-Methylnaphthalene-d10
Concen: 0.162 ng
RT: 12.430 min Scan# 11
Delta R.T. 0.007 min
Lab File: BN025732.D
Acq: 31 May 2023 02:07

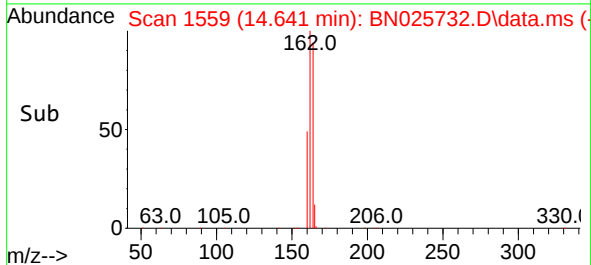
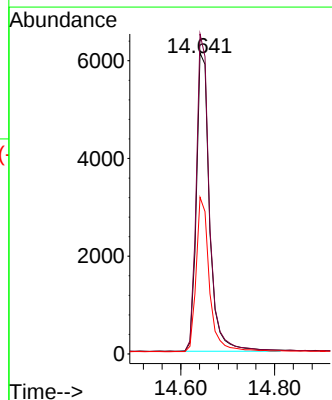
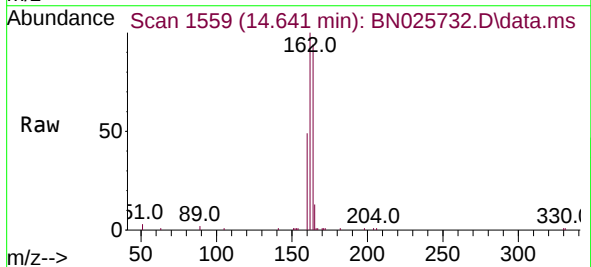
Instrument :
BNA_N
ClientSampleId :
RE137-20230519DL

Tgt Ion:152 Resp: 4537
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.641 min Scan# 1559
Delta R.T. -0.011 min
Lab File: BN025732.D
Acq: 31 May 2023 02:07

Tgt Ion:164 Resp: 12017
Ion Ratio Lower Upper
164 100
162 106.3 86.4 129.6
160 52.0 41.9 62.9

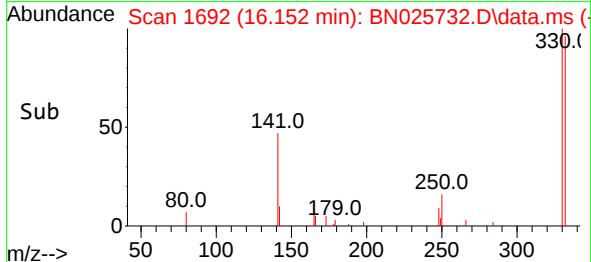
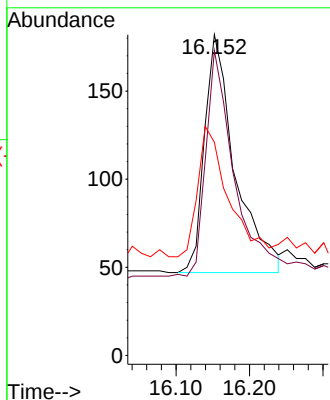
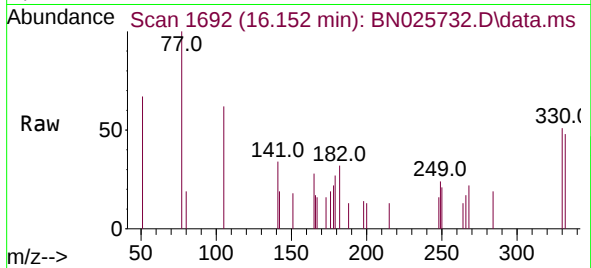




#14
2,4,6-Tribromophenol
Concen: 0.161 ng
RT: 16.152 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN025732.D
Acq: 31 May 2023 02:07

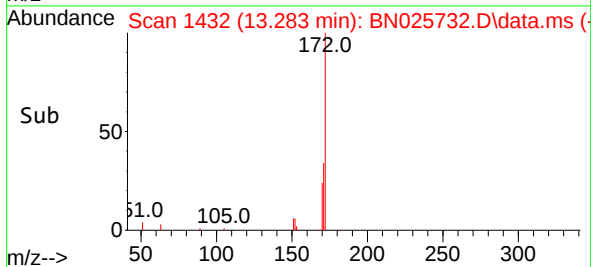
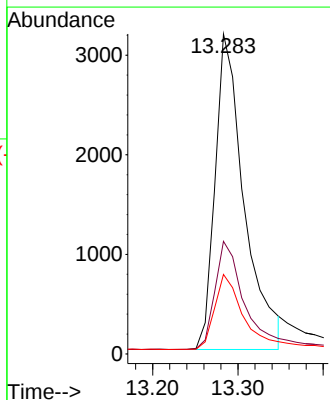
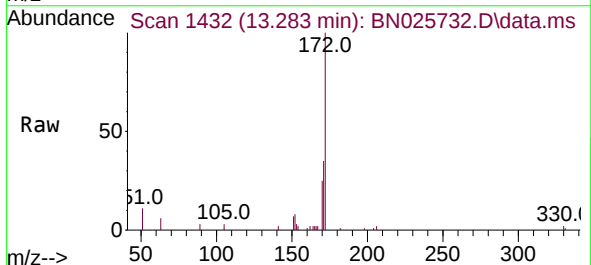
Instrument :
BNA_N
ClientSampleId :
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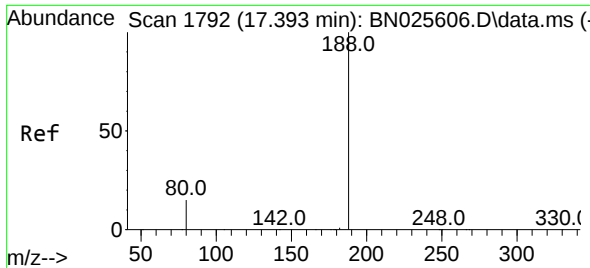
Tgt Ion:	330	Resp:	392
Ion Ratio	Lower	Upper	
330	100		
332	87.5	80.0	120.0
141	54.6	45.8	68.6



#15
2-Fluorobiphenyl
Concen: 0.151 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN025732.D
Acq: 31 May 2023 02:07

Tgt Ion:	172	Resp:	7492
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.6	42.8
170	24.9	19.7	29.5

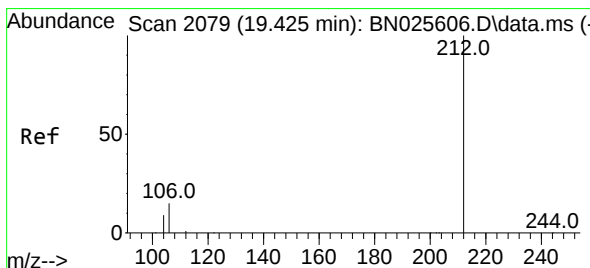
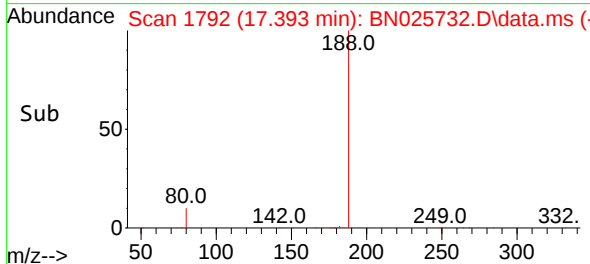
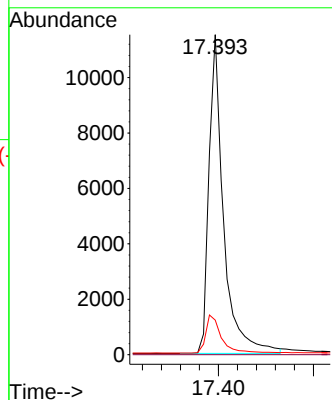
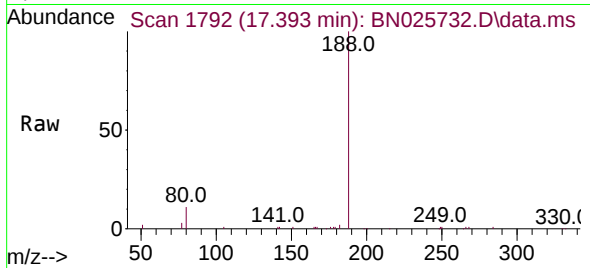




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025732.D
Acq: 31 May 2023 02:07

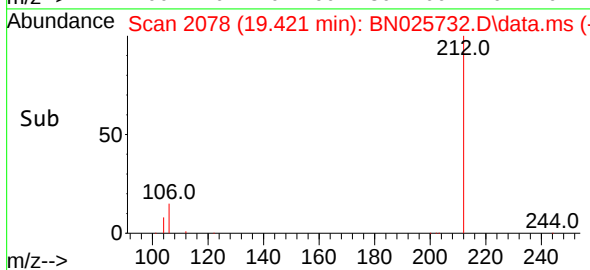
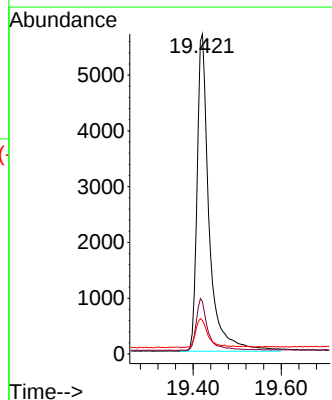
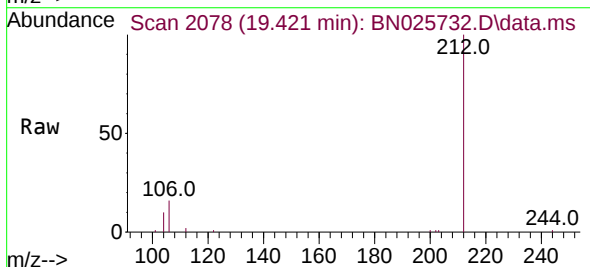
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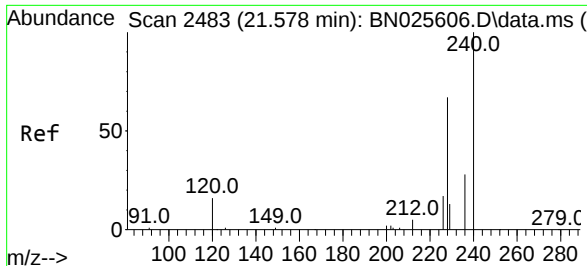
Tgt Ion:188 Resp: 24568
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.193 ng
RT: 19.421 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BN025732.D
Acq: 31 May 2023 02:07

Tgt Ion:212 Resp: 10770
Ion Ratio Lower Upper
212 100
106 15.5 12.3 18.5
104 9.5 7.2 10.8

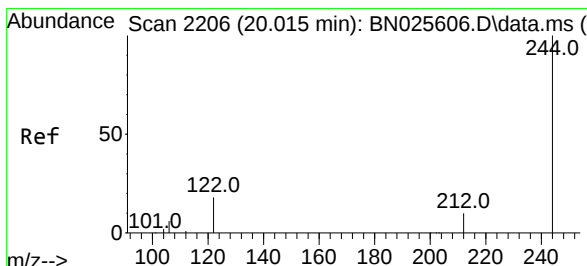
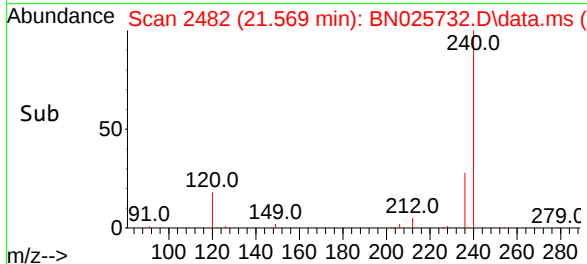
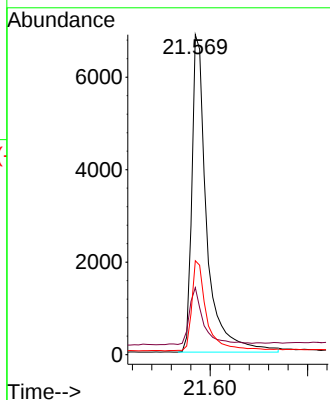
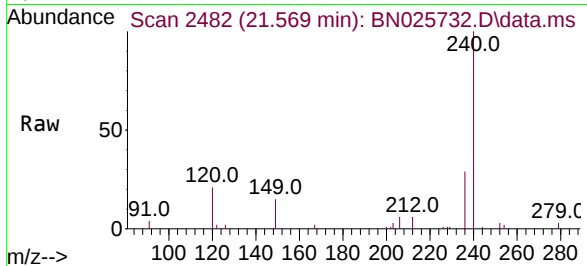




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BN025732.D
Acq: 31 May 2023 02:07

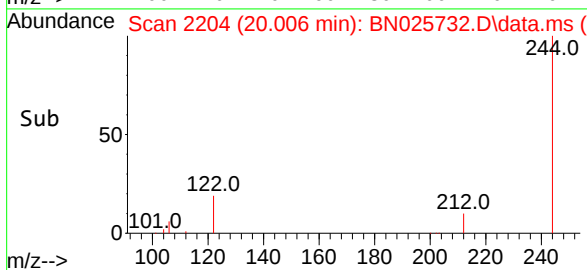
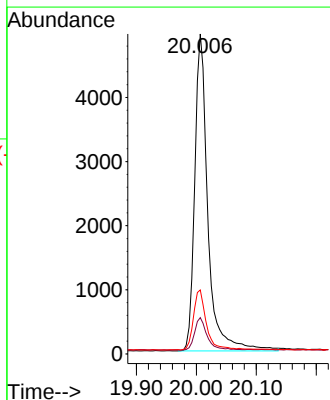
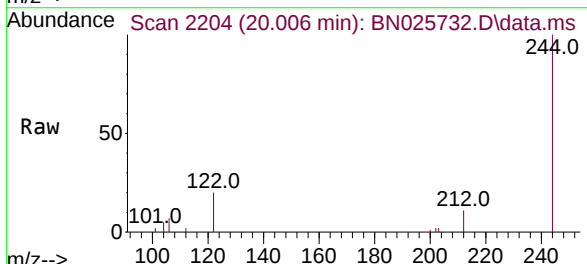
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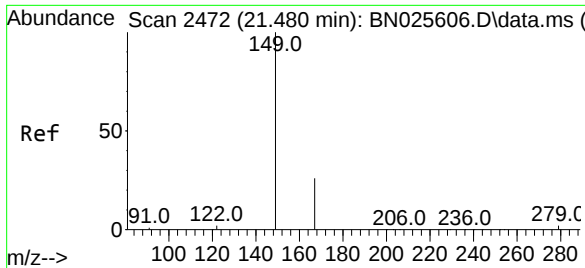
Tgt Ion:240 Resp: 14606
Ion Ratio Lower Upper
240 100
120 20.9 15.4 23.0
236 29.3 23.2 34.8



#31
Terphenyl-d14
Concen: 0.235 ng
RT: 20.006 min Scan# 2204
Delta R.T. -0.009 min
Lab File: BN025732.D
Acq: 31 May 2023 02:07

Tgt Ion:244 Resp: 7526
Ion Ratio Lower Upper
244 100
212 11.4 8.5 12.7
122 20.0 14.9 22.3

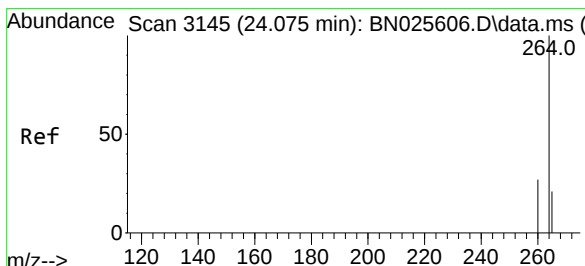
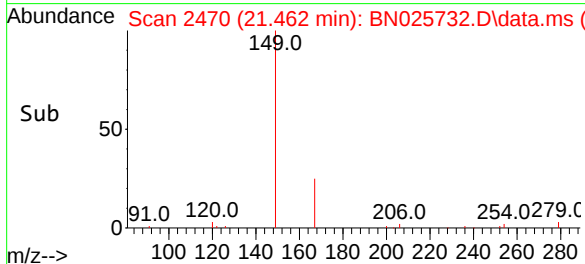
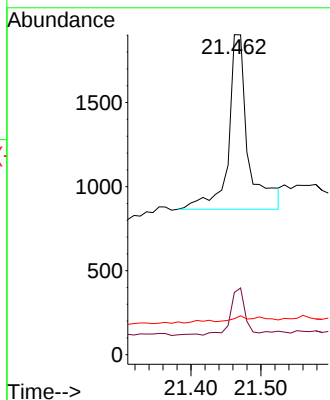
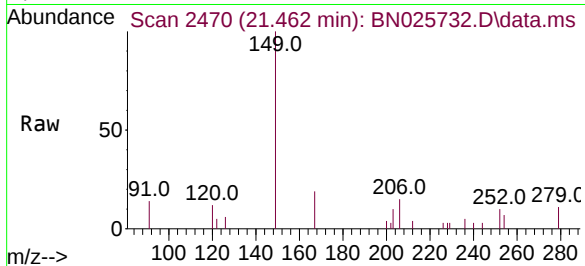




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 21.462 min Scan# 2470
 Delta R.T. -0.009 min
 Lab File: BN025732.D
 Acq: 31 May 2023 02:07

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20230519DL

Tgt Ion:149 Resp: 2032
 Ion Ratio Lower Upper
 149 100
 167 19.7 20.4 30.6#
 279 2.7 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.063 min Scan# 3141
 Delta R.T. -0.006 min
 Lab File: BN025732.D
 Acq: 31 May 2023 02:07

Tgt Ion:264 Resp: 12489
 Ion Ratio Lower Upper
 264 100
 260 27.2 22.3 33.5
 265 56.5 54.3 81.5

