

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024398.D
 Acq On : 19 Mar 2023 02:34
 Operator : CG/JU
 Sample : 01903-13
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20230312

Quant Time: Mar 20 01:13:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:49:08 2023
 Response via : Initial Calibration

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

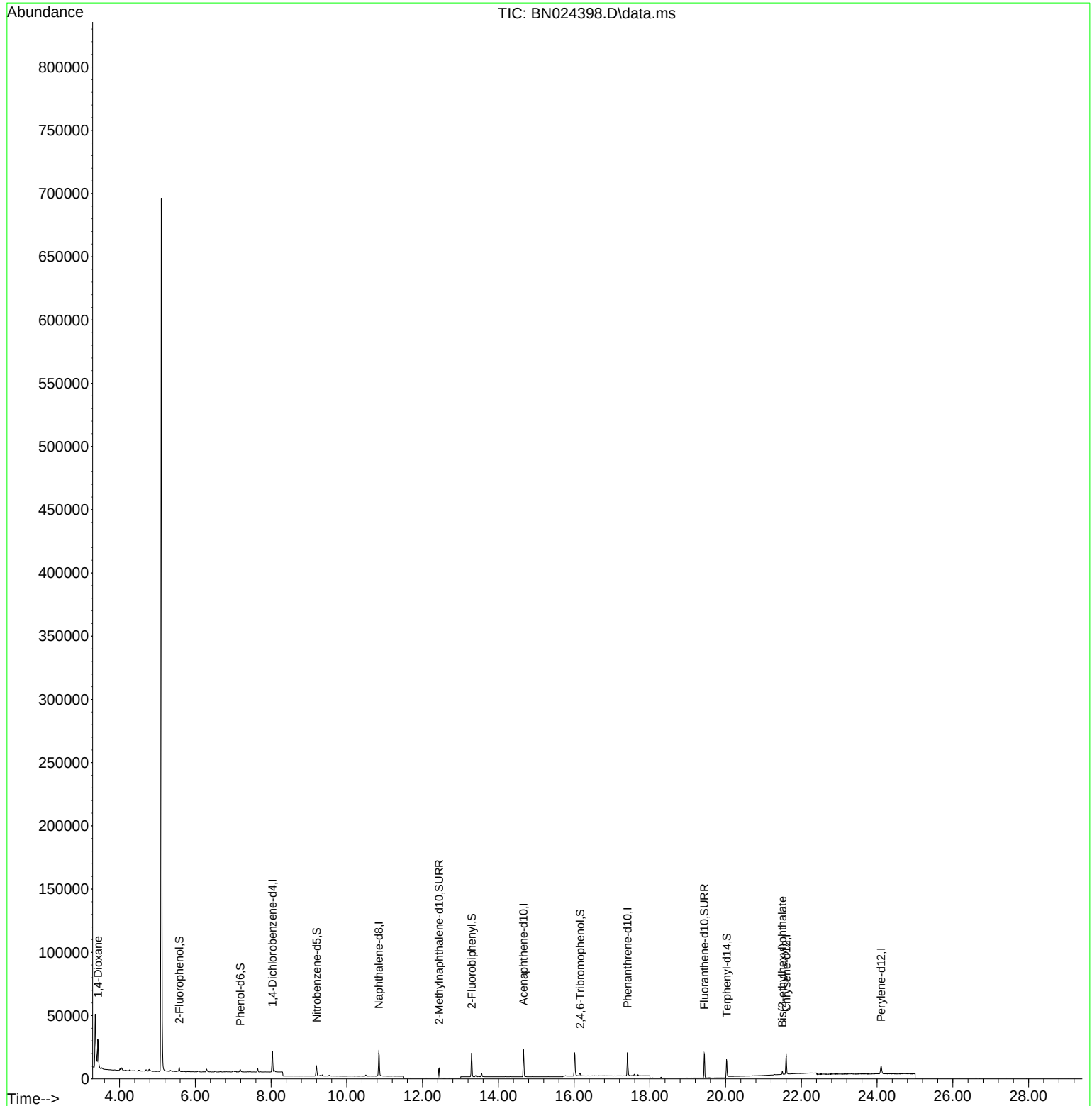
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	8046	0.400	ng	0.00
7) Naphthalene-d8	10.845	136	24471	0.400	ng	#-0.01
13) Acenaphthene-d10	14.665	164	11558	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	23732	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	14498	0.400	ng	0.00
35) Perylene-d12	24.106	264	10652	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	2393	0.134	ng	0.00
5) Phenol-d6	7.188	99	1753	0.077	ng	0.00
8) Nitrobenzene-d5	9.201	82	6256	0.383	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	10324	0.343	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1483	0.251	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	15427	0.353	ng	0.00
27) Fluoranthene-d10	19.438	212	20103	0.400	ng	0.00
31) Terphenyl-d14	20.034	244	10730	0.439	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	14847	1.696	ng	96
34) Bis(2-ethylhexyl)phtha...	21.493	149	2554	0.112	ng	# 94

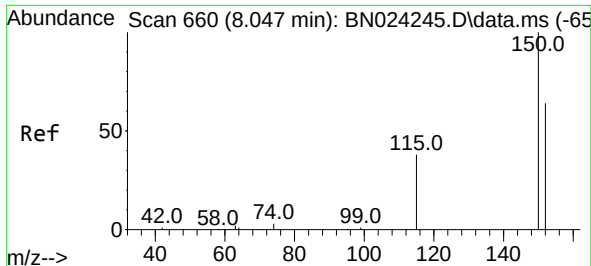
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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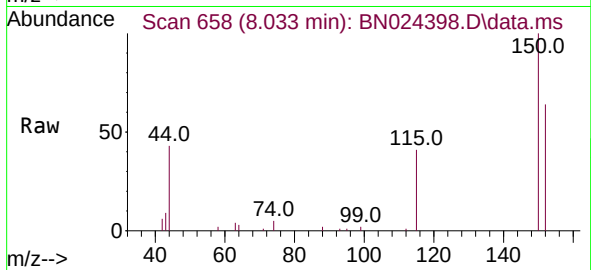
Quant Time: Mar 20 01:13:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
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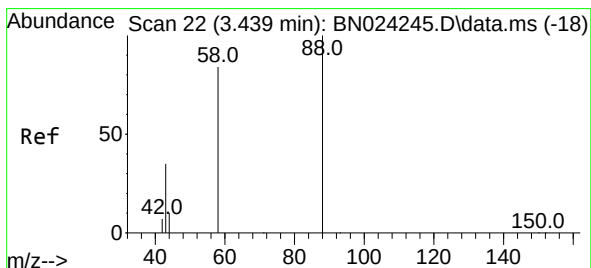
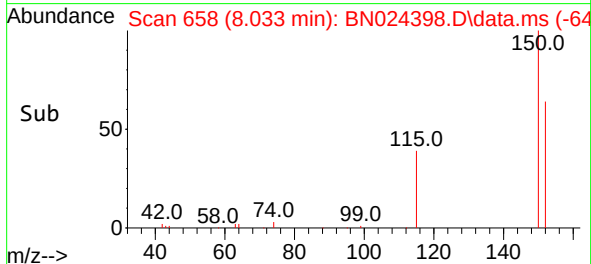
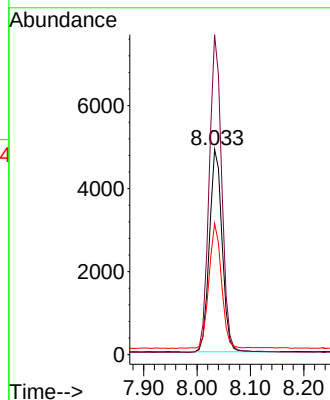


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.033 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN024398.D
Acq: 19 Mar 2023 02:34

Instrument :
BNA_N
ClientSampleId :
RE131D3-20230312

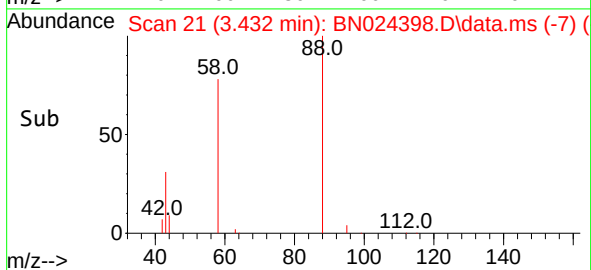
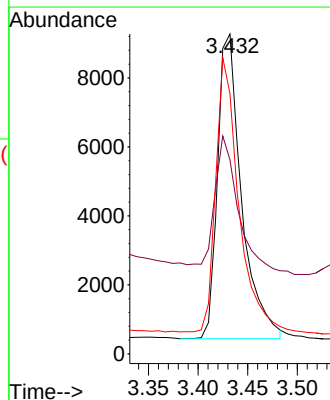
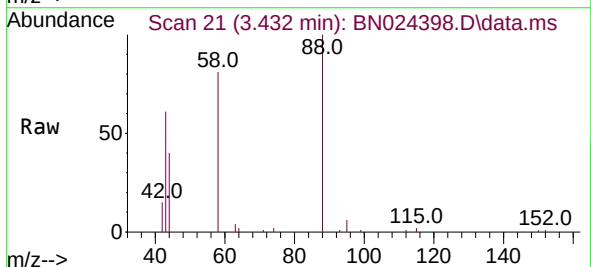


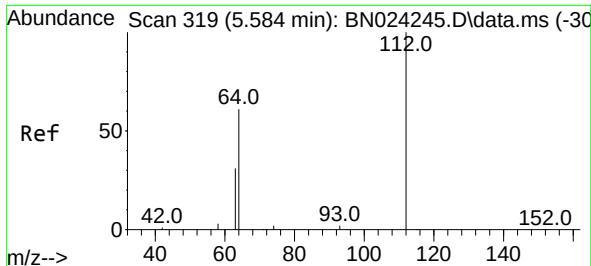
Tgt Ion:152 Resp: 8046
Ion Ratio Lower Upper
152 100
150 156.0 124.7 187.1
115 64.0 49.1 73.7



#2
1,4-Dioxane
Concen: 1.696 ng
RT: 3.432 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024398.D
Acq: 19 Mar 2023 02:34

Tgt Ion: 88 Resp: 14847
Ion Ratio Lower Upper
88 100
43 42.5 29.0 43.4
58 85.5 67.3 100.9

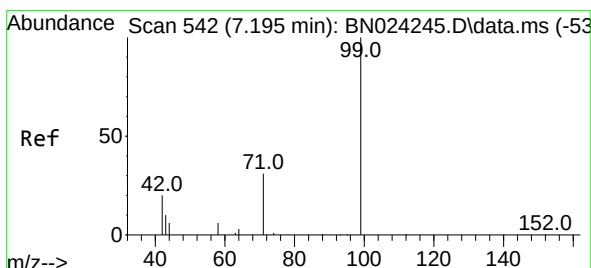
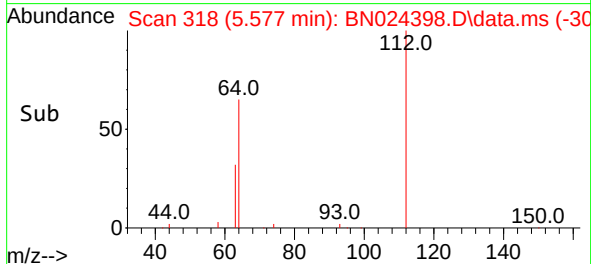
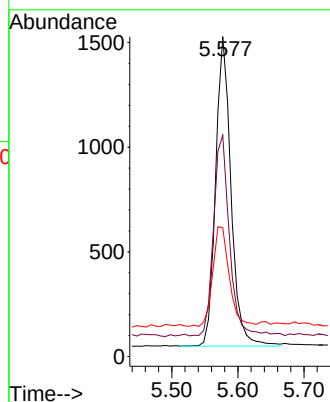
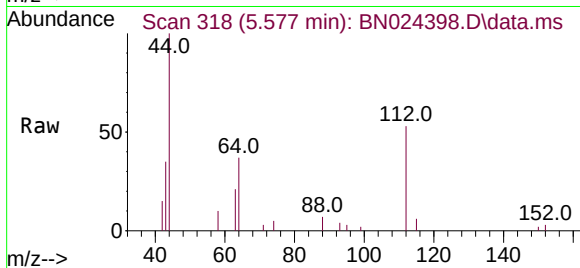




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN024398.D
Acq: 19 Mar 2023 02:34

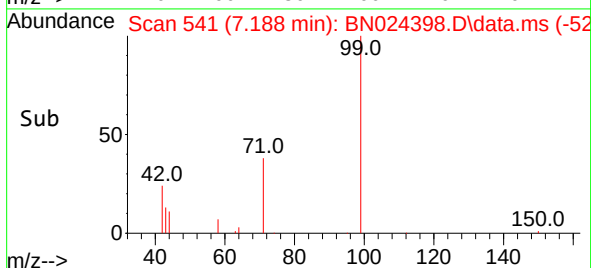
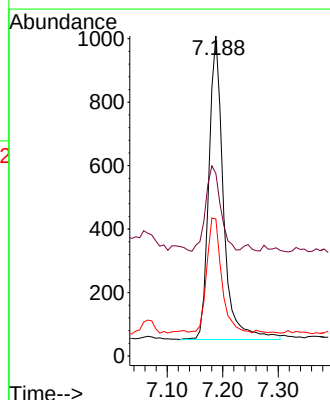
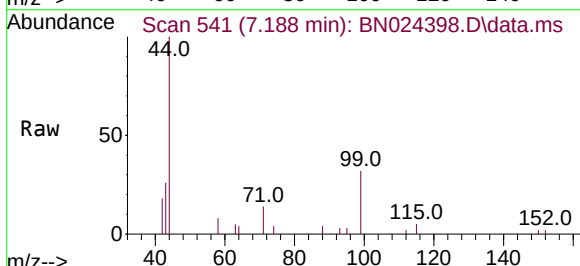
Instrument :
BNA_N
ClientSampleId :
RE131D3-20230312

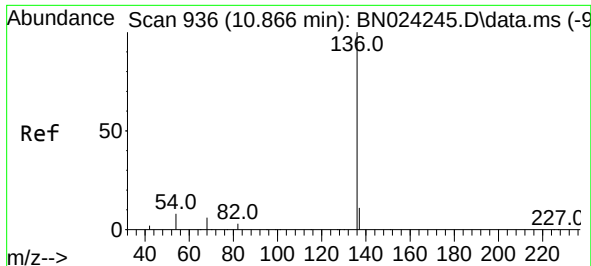
Tgt Ion:112 Resp: 2393
Ion Ratio Lower Upper
112 100
64 67.2 49.0 73.6
63 34.3 25.7 38.5



#5
Phenol-d6
Concen: 0.077 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024398.D
Acq: 19 Mar 2023 02:34

Tgt Ion: 99 Resp: 1753
Ion Ratio Lower Upper
99 100
42 28.6 20.1 30.1
71 38.9 25.8 38.8#

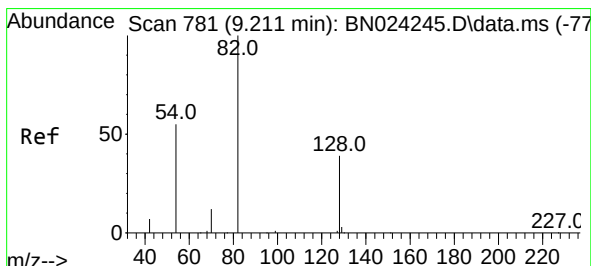
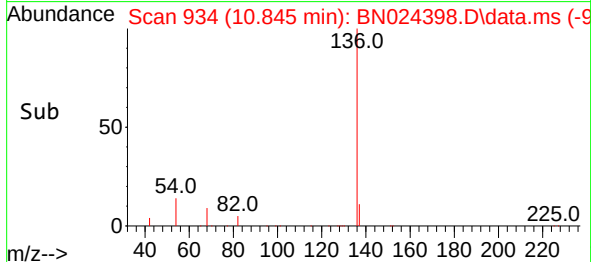
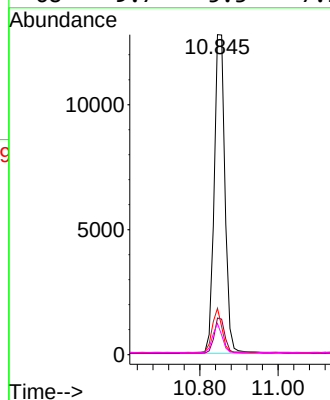
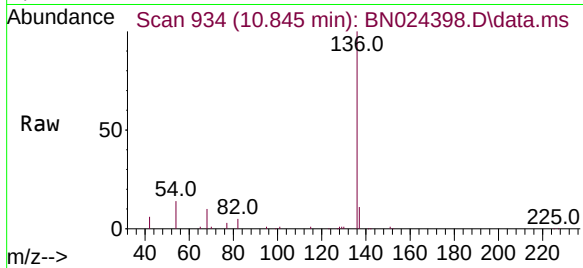




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.845 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN024398.D
Acq: 19 Mar 2023 02:34

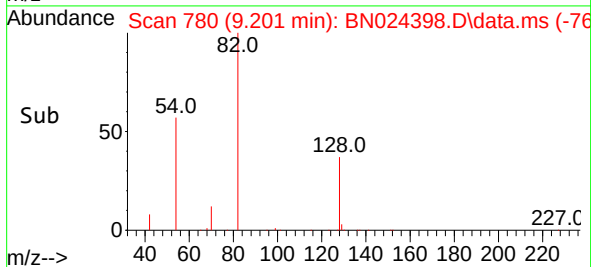
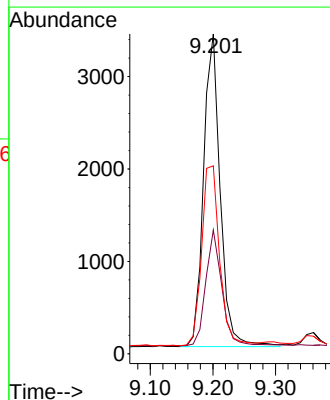
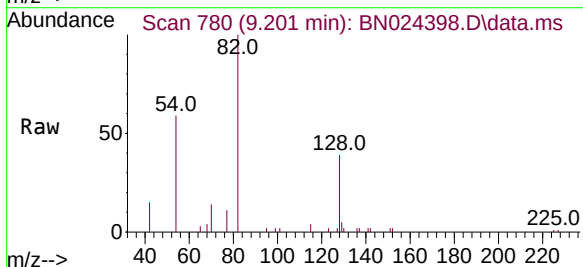
Instrument :
BNA_N
ClientSampleId :
RE131D3-20230312

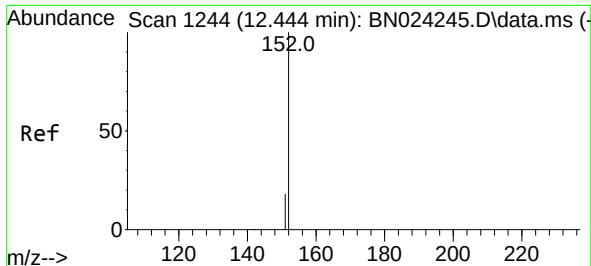
Tgt Ion:	136	Resp:	24471
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	14.5	7.1	10.7#
68	9.7	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024398.D
Acq: 19 Mar 2023 02:34

Tgt Ion:	82	Resp:	6256
Ion Ratio	Lower	Upper	
82	100		
128	38.7	32.4	48.6
54	58.8	45.2	67.8

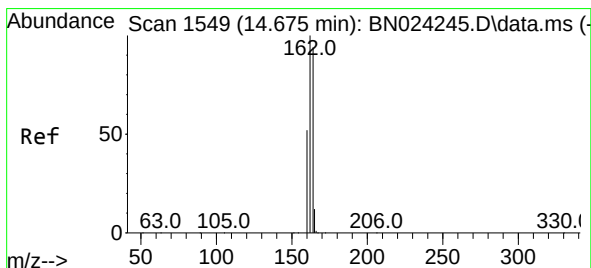
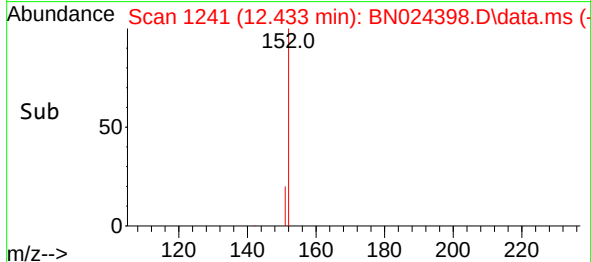
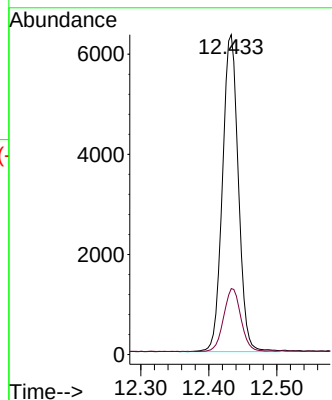
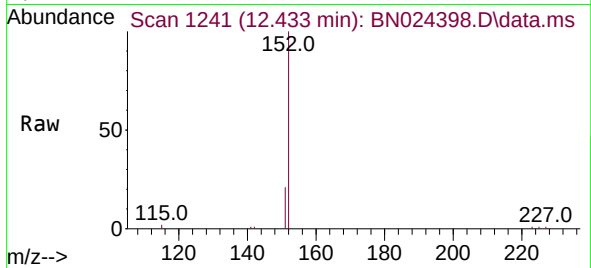




#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024398.D
Acq: 19 Mar 2023 02:34

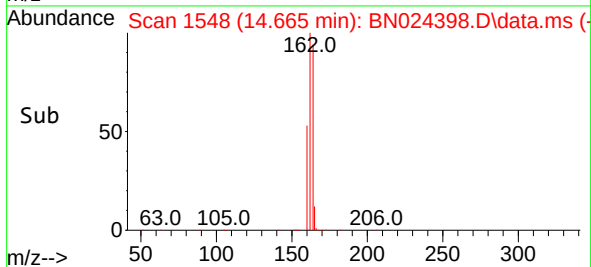
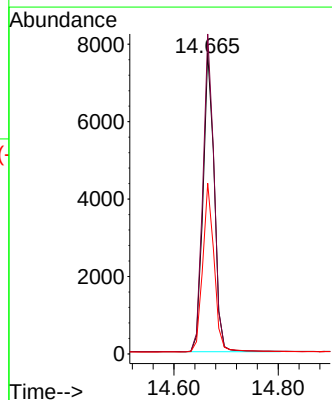
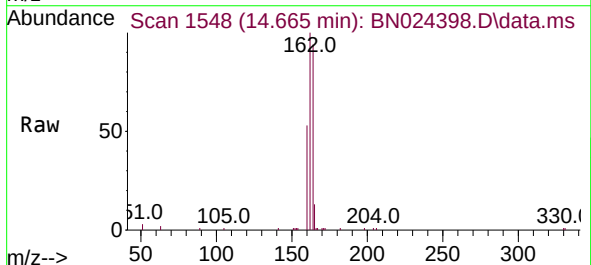
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ClientSampleId :
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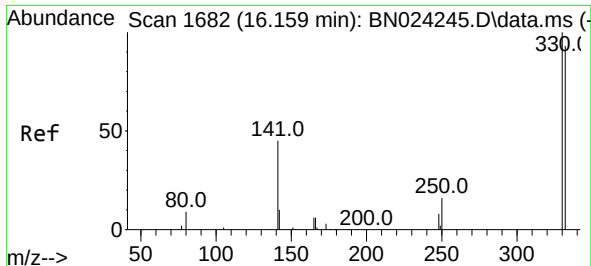
Tgt Ion:152 Resp: 10324
Ion Ratio Lower Upper
152 100
151 21.6 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024398.D
Acq: 19 Mar 2023 02:34

Tgt Ion:164 Resp: 11558
Ion Ratio Lower Upper
164 100
162 106.2 84.7 127.1
160 56.6 44.6 66.8

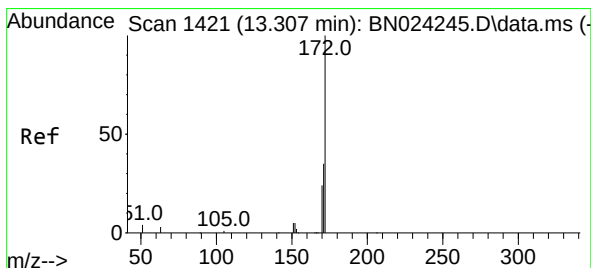
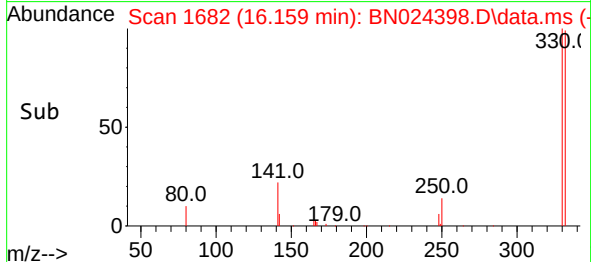
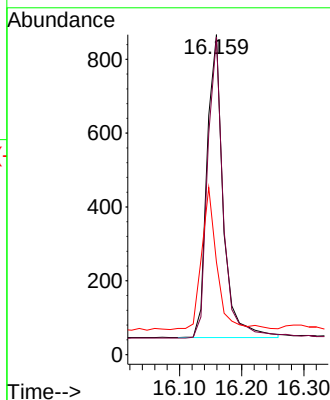
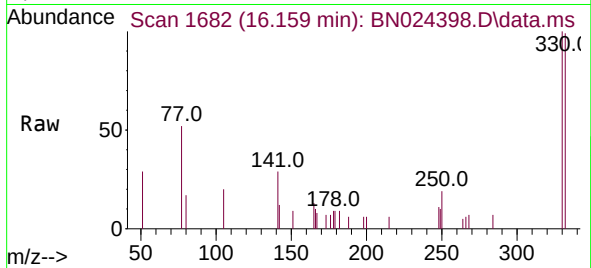




#14
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 16.159 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BN024398.D
Acq: 19 Mar 2023 02:34

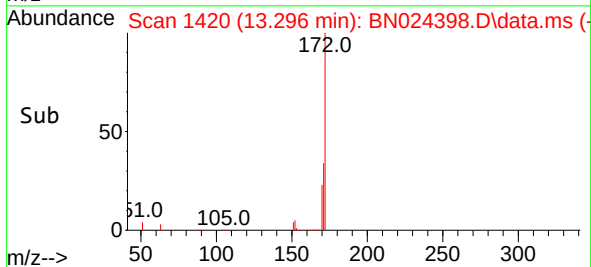
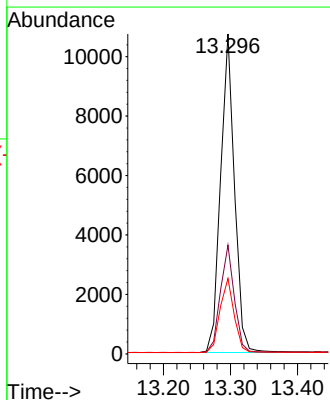
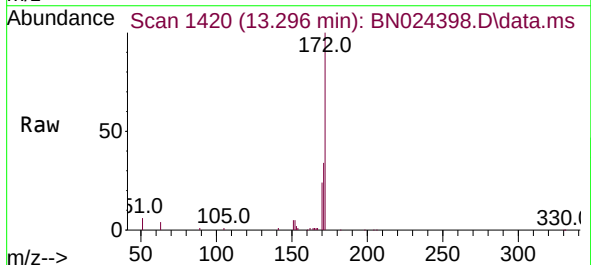
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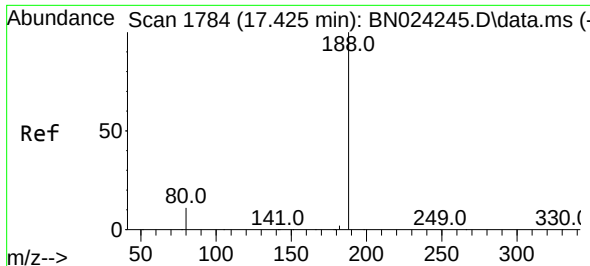
Tgt Ion:	330	Resp:	1483
Ion Ratio	Lower	Upper	
330	100		
332	96.2	78.0	117.0
141	44.6	30.8	46.2



#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024398.D
Acq: 19 Mar 2023 02:34

Tgt Ion:	172	Resp:	15427
Ion Ratio	Lower	Upper	
172	100		
171	34.0	27.8	41.8
170	23.6	19.0	28.6

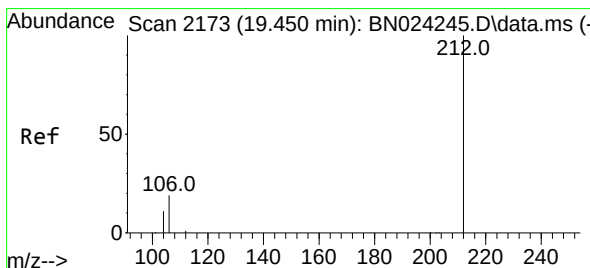
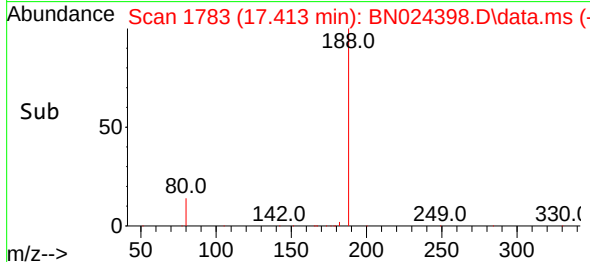
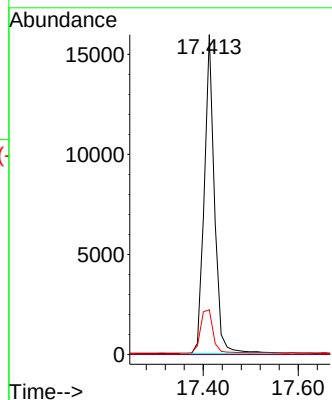
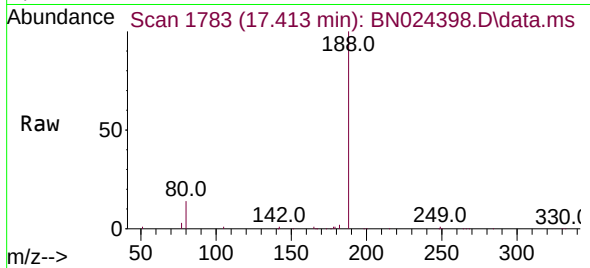




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024398.D
Acq: 19 Mar 2023 02:34

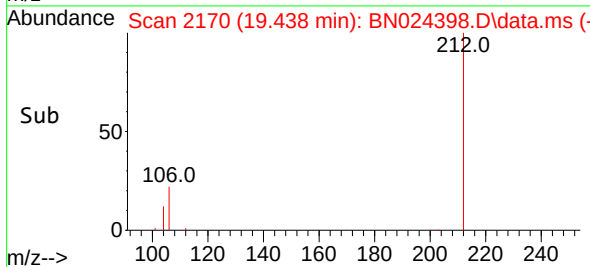
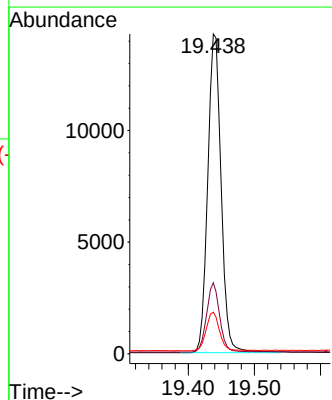
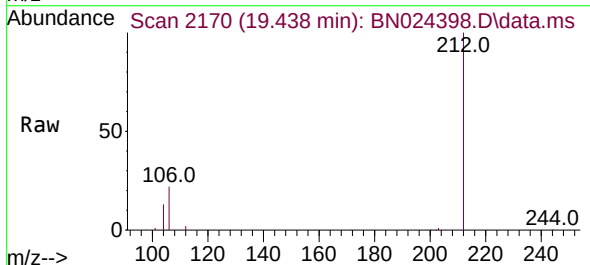
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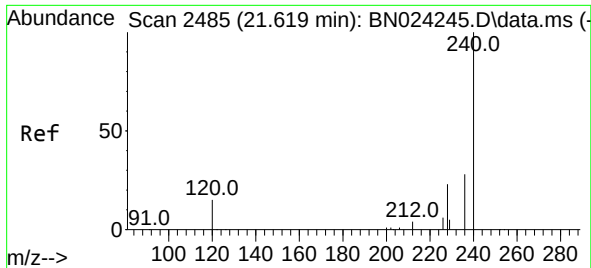
Tgt Ion:188 Resp: 23732
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 8.9 13.3#



#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.438 min Scan# 2170
Delta R.T. -0.004 min
Lab File: BN024398.D
Acq: 19 Mar 2023 02:34

Tgt Ion:212 Resp: 20103
Ion Ratio Lower Upper
212 100
106 21.2 15.4 23.2
104 12.1 8.6 13.0

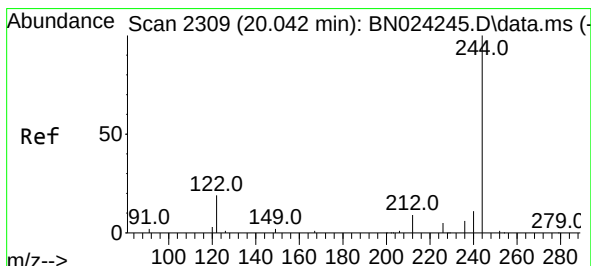
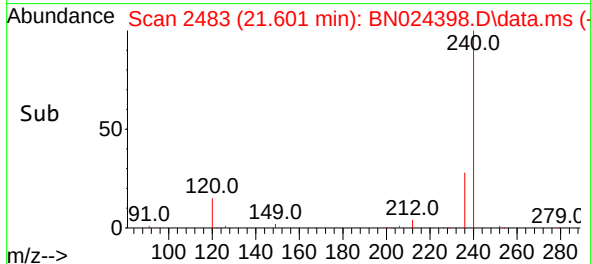
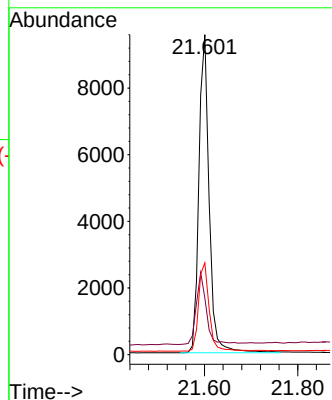
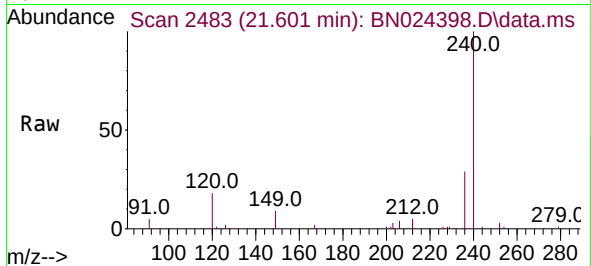




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.601 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN024398.D
Acq: 19 Mar 2023 02:34

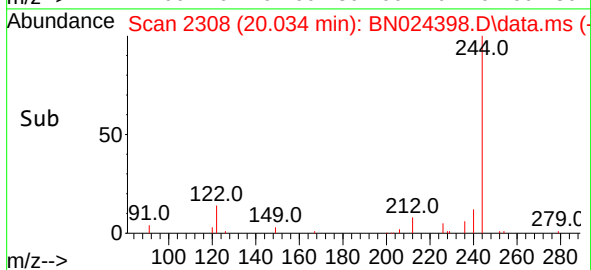
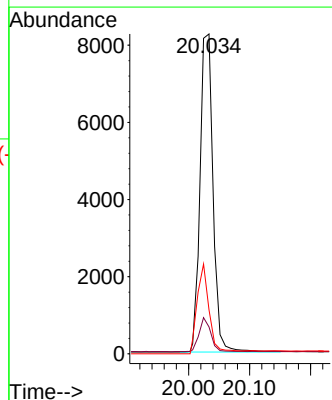
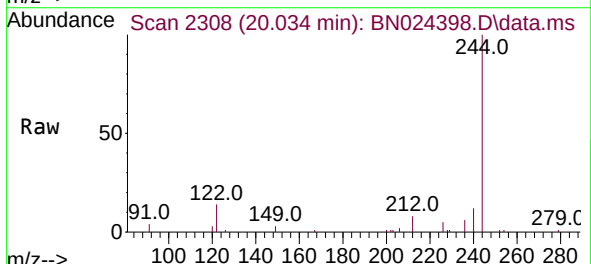
Instrument :
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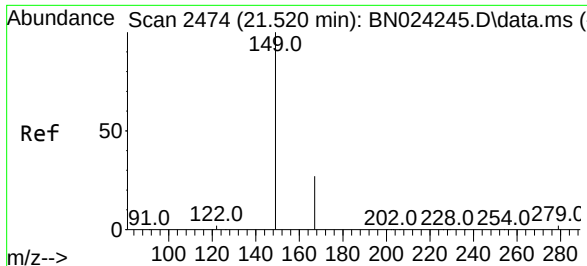
Tgt Ion:240 Resp: 14498
Ion Ratio Lower Upper
240 100
120 17.7 12.8 19.2
236 28.7 22.5 33.7



#31
Terphenyl-d14
Concen: 0.439 ng
RT: 20.034 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BN024398.D
Acq: 19 Mar 2023 02:34

Tgt Ion:244 Resp: 10730
Ion Ratio Lower Upper
244 100
212 8.4 7.6 11.4
122 13.8 15.1 22.7#

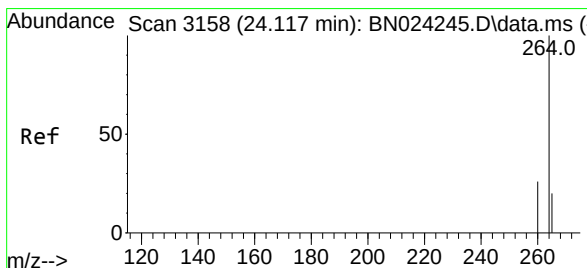
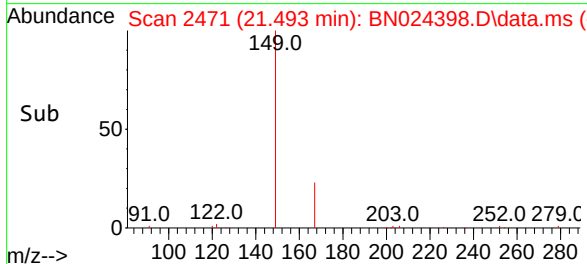
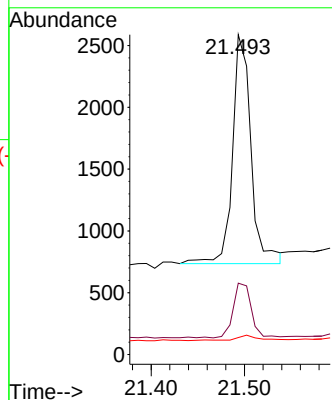
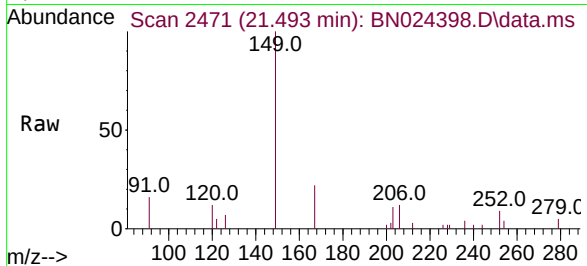




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.112 ng
 RT: 21.493 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BN024398.D
 Acq: 19 Mar 2023 02:34

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20230312

Tgt Ion:149 Resp: 2554
 Ion Ratio Lower Upper
 149 100
 167 23.3 21.2 31.8
 279 3.1 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.106 min Scan# 3154
 Delta R.T. 0.009 min
 Lab File: BN024398.D
 Acq: 19 Mar 2023 02:34

Tgt Ion:264 Resp: 10652
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.4 32.2
 265 75.1 35.7 53.5#

