

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031523\
 Data File : BN024296.D
 Acq On : 15 Mar 2023 16:43
 Operator : CG/JU
 Sample : 01843-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20230306

Quant Time: Mar 16 01:19:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 16 01:06:57 2023
 Response via : Initial Calibration

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

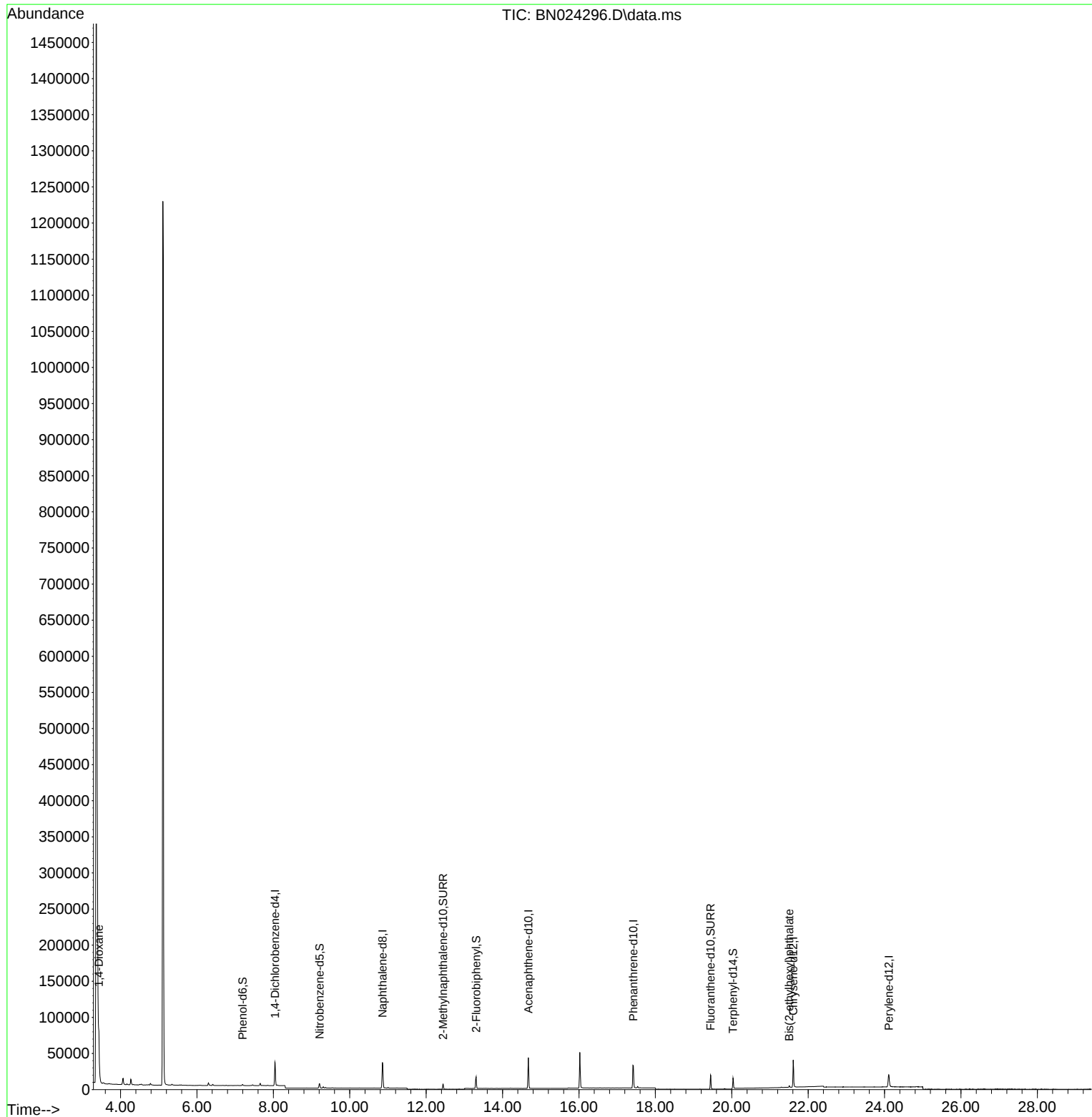
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	16074	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	46749	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	22817	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	47152	0.400	ng	0.00
29) Chrysene-d12	21.610	240	34286	0.400	ng	0.00
35) Perylene-d12	24.108	264	28248	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	493	0.014	ng	0.00
5) Phenol-d6	7.195	99	1355	0.030	ng	0.00
8) Nitrobenzene-d5	9.211	82	5447	0.174	ng	0.01
11) 2-Methylnaphthalene-d10	12.440	152	9455	0.165	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	36	0.003	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	14194	0.165	ng	0.00
27) Fluoranthene-d10	19.446	212	20508	0.205	ng	0.00
31) Terphenyl-d14	20.034	244	11461	0.198	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	25997	1.486	ng	Qvalue 97
34) Bis(2-ethylhexyl)phtha...	21.502	149	2248	0.042	ng	# 97

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

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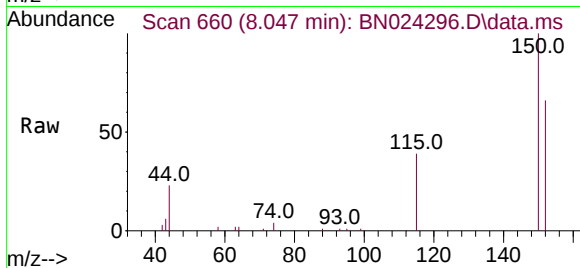
Quant Time: Mar 16 01:19:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
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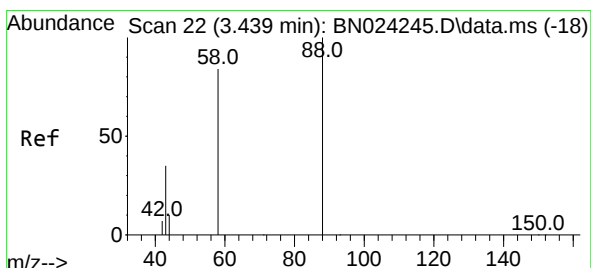
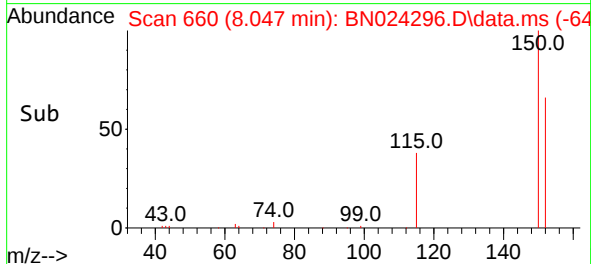
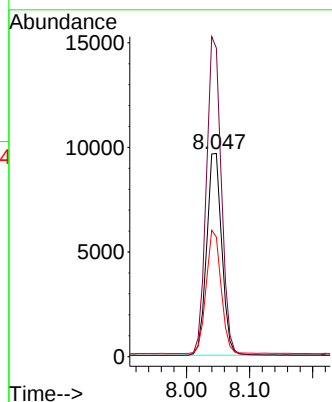


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BN024296.D
 Acq: 15 Mar 2023 16:43

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20230306

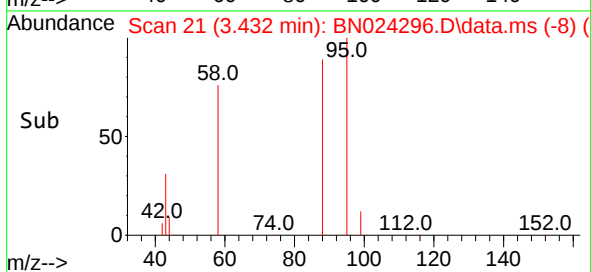
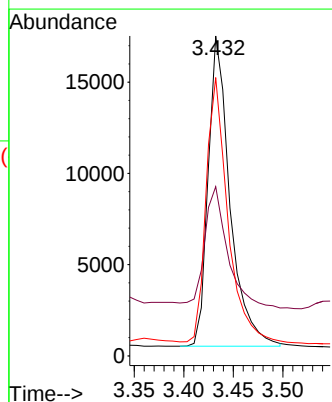
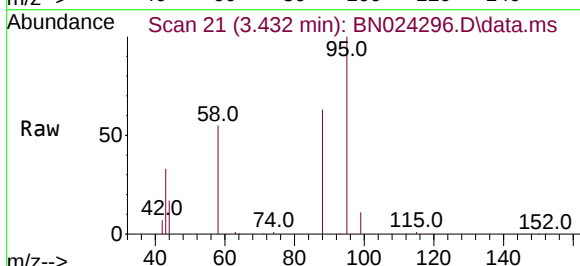


Tgt Ion:152 Resp: 16074
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.7 187.1
 115 58.9 49.1 73.7



#2
 1,4-Dioxane
 Concen: 1.486 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024296.D
 Acq: 15 Mar 2023 16:43

Tgt Ion: 88 Resp: 25997
 Ion Ratio Lower Upper
 88 100
 43 41.6 29.0 43.4
 58 84.2 67.3 100.9

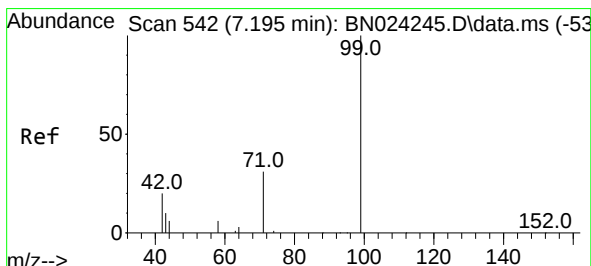
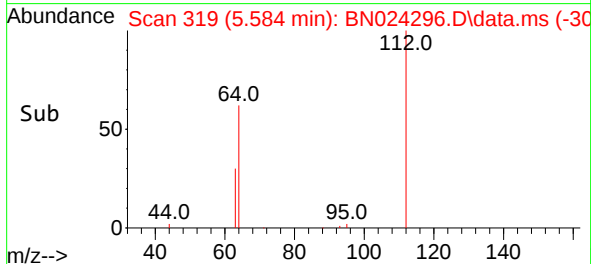
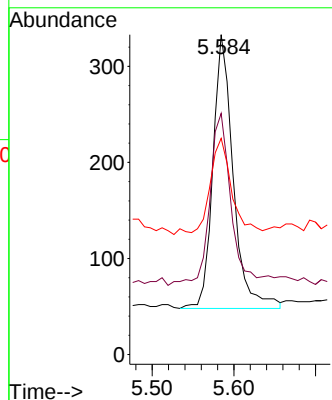
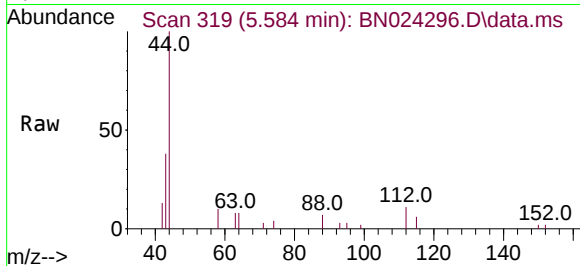




#4
2-Fluorophenol
Concen: 0.014 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024296.D
Acq: 15 Mar 2023 16:43

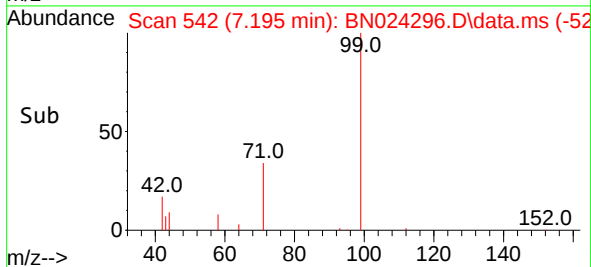
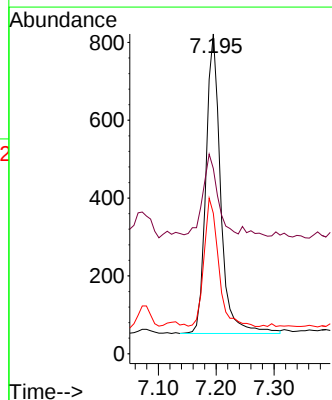
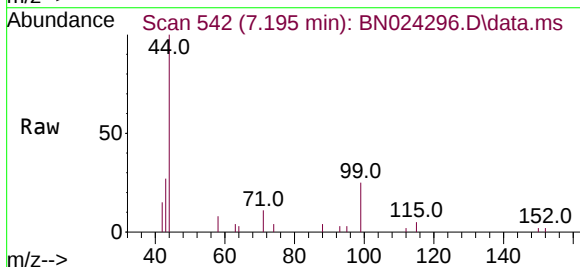
Instrument :
BNA_N
ClientSampleId :
RE132D7-20230306

Tgt Ion: 112 Resp: 493
Ion Ratio Lower Upper
112 100
64 65.3 49.0 73.6
63 35.3 25.7 38.5



#5
Phenol-d6
Concen: 0.030 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024296.D
Acq: 15 Mar 2023 16:43

Tgt Ion: 99 Resp: 1355
Ion Ratio Lower Upper
99 100
42 26.5 20.1 30.1
71 42.1 25.8 38.8

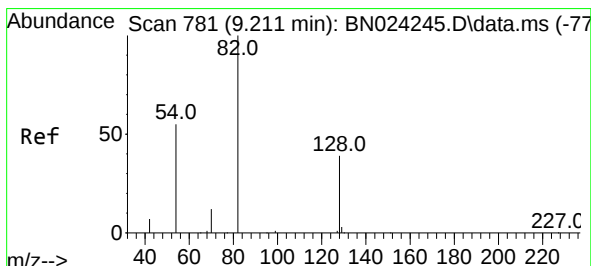
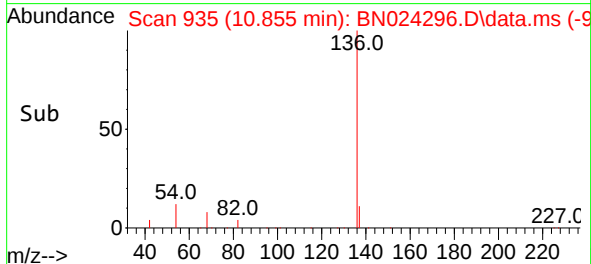
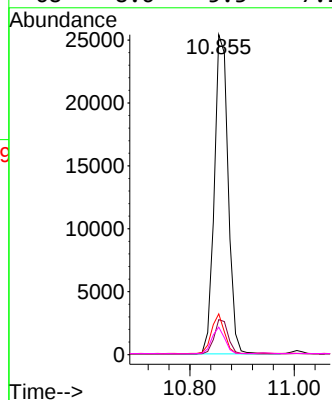
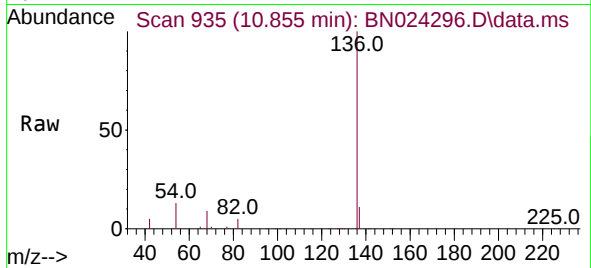




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024296.D
Acq: 15 Mar 2023 16:43

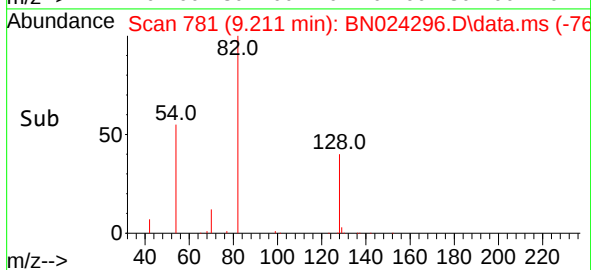
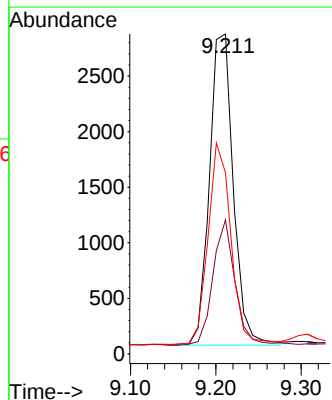
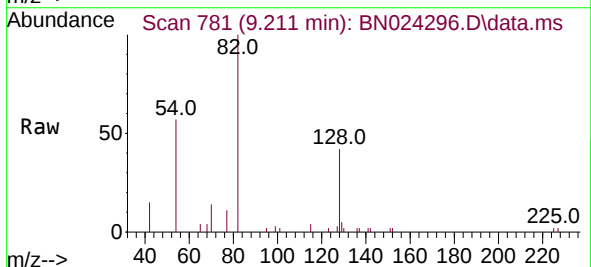
Instrument :
BNA_N
ClientSampleId :
RE132D7-20230306

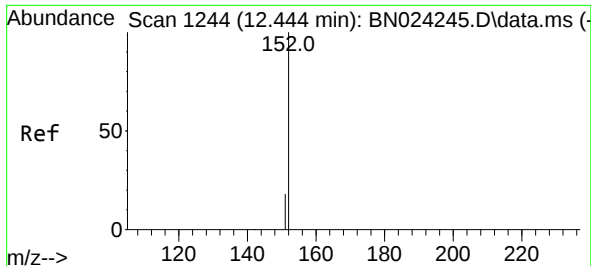
Tgt Ion:136	Resp:	46749
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	12.7	7.1 10.7#
68	8.6	5.3 7.9#



#8
Nitrobenzene-d5
Concen: 0.174 ng
RT: 9.211 min Scan# 781
Delta R.T. 0.011 min
Lab File: BN024296.D
Acq: 15 Mar 2023 16:43

Tgt Ion: 82	Resp:	5447
Ion Ratio	Lower	Upper
82	100	
128	41.9	32.4 48.6
54	56.6	45.2 67.8

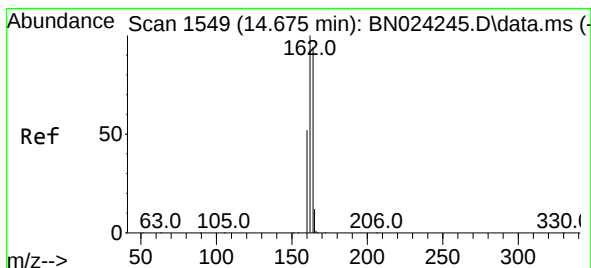
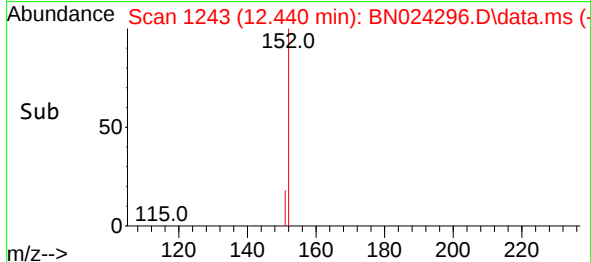
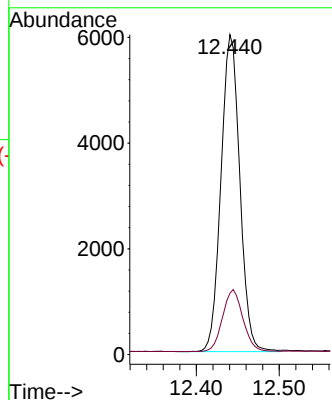
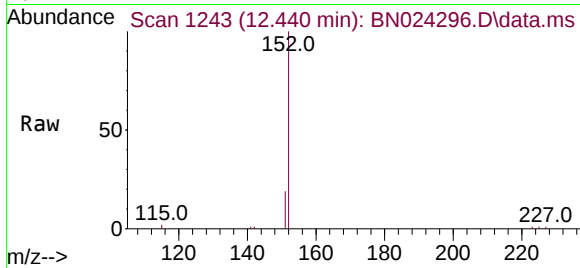




#11
2-Methylnaphthalene-d10
Concen: 0.165 ng
RT: 12.440 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024296.D
Acq: 15 Mar 2023 16:43

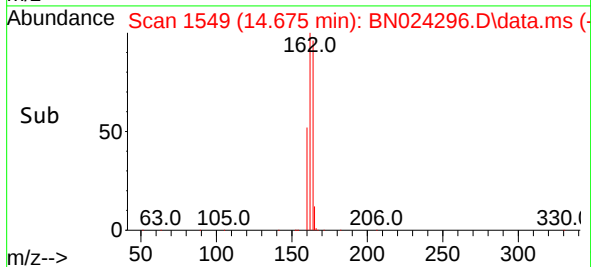
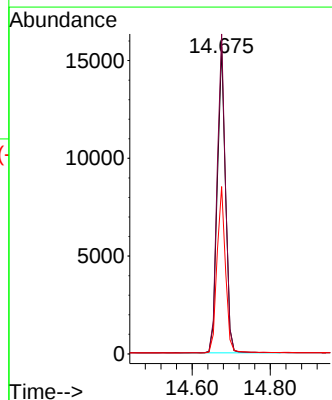
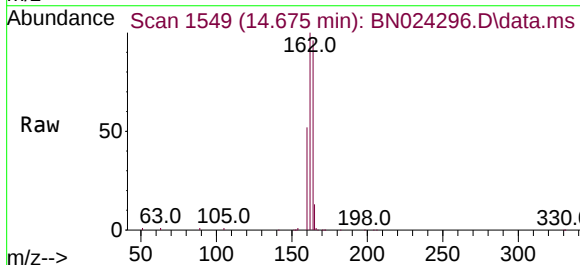
Instrument :
BNA_N
ClientSampleId :
RE132D7-20230306

Tgt Ion:152 Resp: 9455
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024296.D
Acq: 15 Mar 2023 16:43

Tgt Ion:164 Resp: 22817
Ion Ratio Lower Upper
164 100
162 104.3 84.7 127.1
160 54.5 44.6 66.8

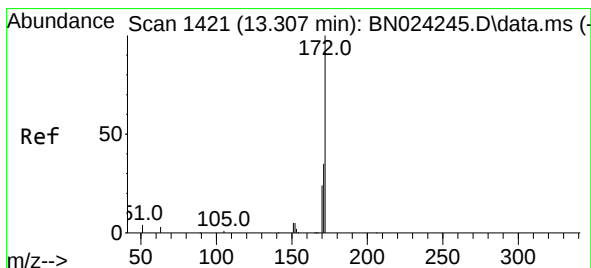
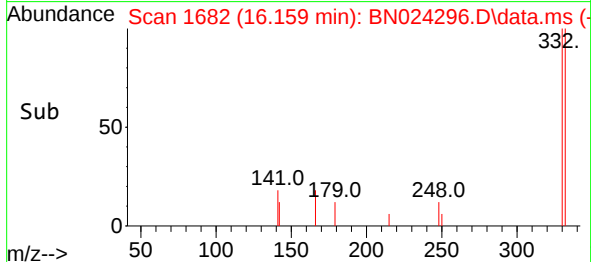
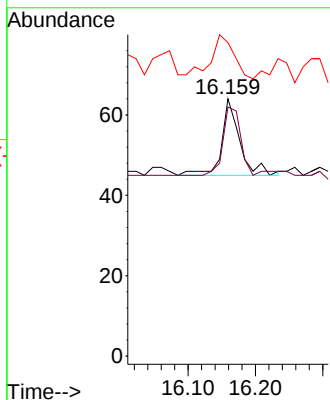
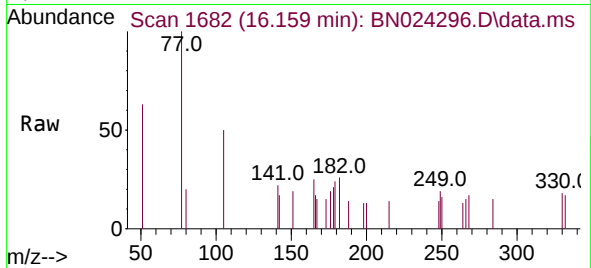




#14
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024296.D
Acq: 15 Mar 2023 16:43

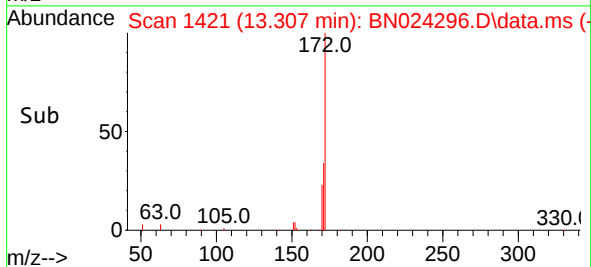
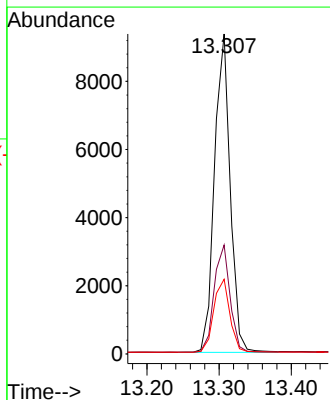
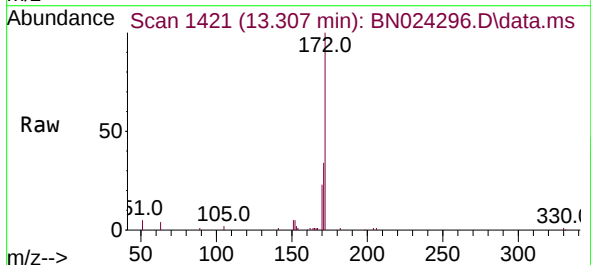
Instrument :
BNA_N
ClientSampleId :
RE132D7-20230306

Tgt Ion: 330 Resp: 36
Ion Ratio Lower Upper
330 100
332 86.1 78.0 117.0
141 72.2 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.165 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024296.D
Acq: 15 Mar 2023 16:43

Tgt Ion: 172 Resp: 14194
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.8
170 23.3 19.0 28.6

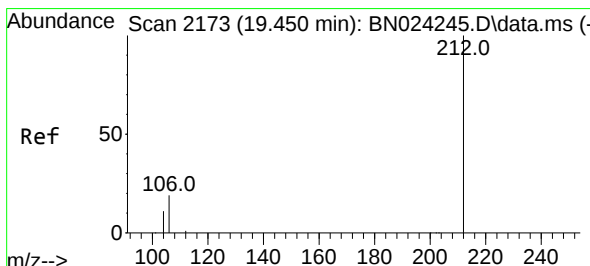
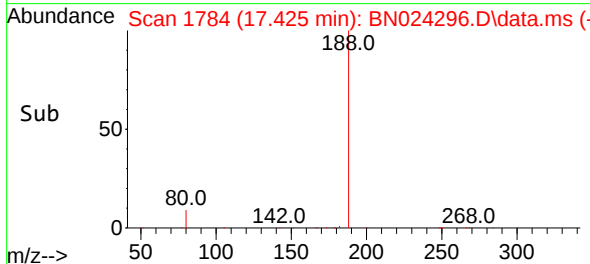
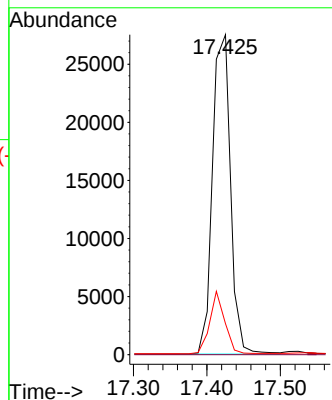
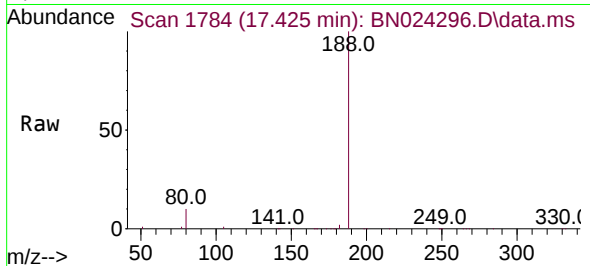




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.425 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024296.D
Acq: 15 Mar 2023 16:43

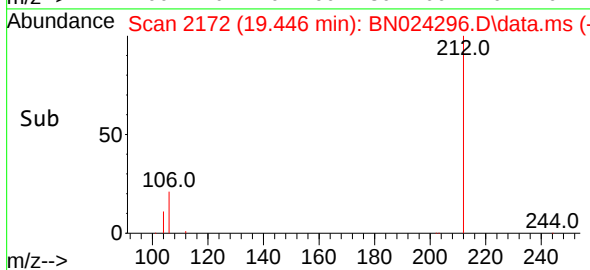
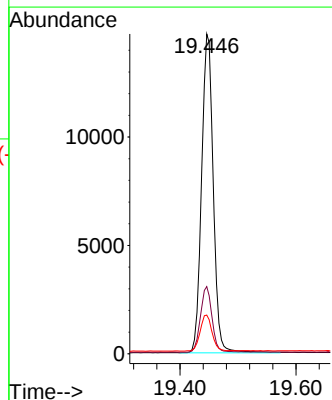
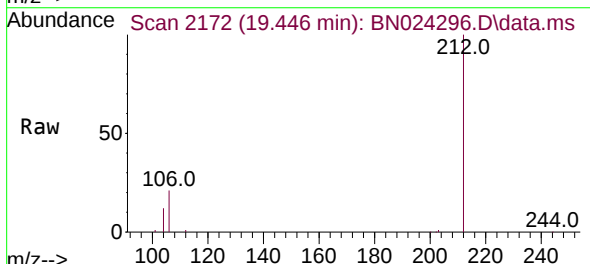
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ClientSampleId :
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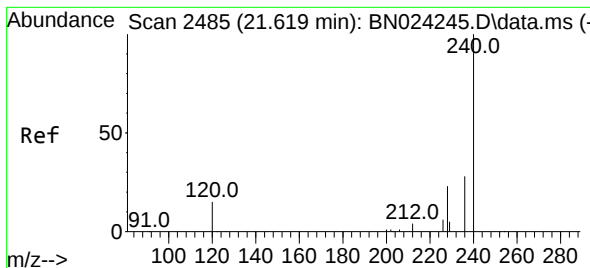
Tgt Ion:188 Resp: 47152
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 8.9 13.3



#27
Fluoranthene-d10
Concen: 0.205 ng
RT: 19.446 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN024296.D
Acq: 15 Mar 2023 16:43

Tgt Ion:212 Resp: 20508
Ion Ratio Lower Upper
212 100
106 20.3 15.4 23.2
104 11.5 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.610 min Scan# 2485

Delta R.T. 0.000 min

Lab File: BN024296.D

Acq: 15 Mar 2023 16:43

Instrument :

BNA_N

ClientSampleId :

RE132D7-20230306

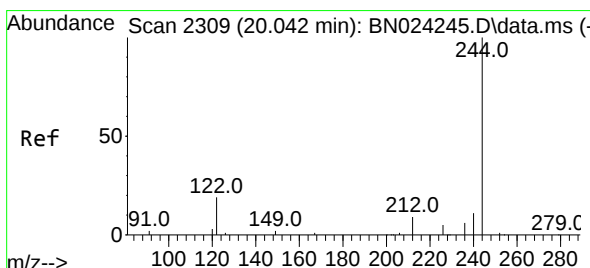
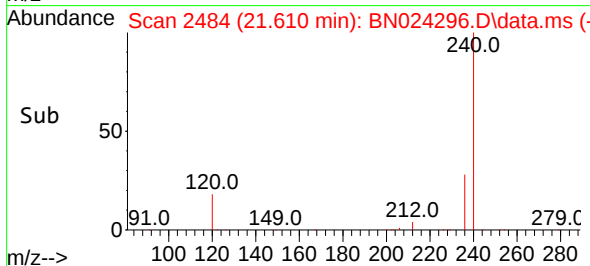
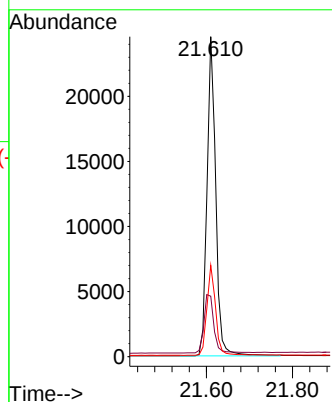
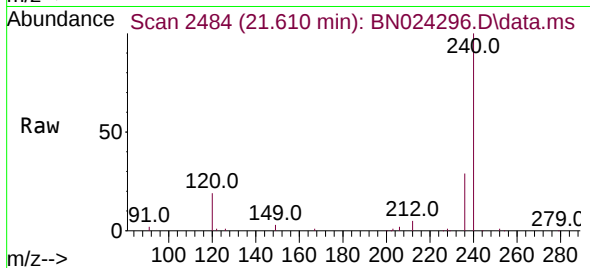
Tgt Ion:240 Resp: 34286

Ion Ratio Lower Upper

240 100

120 18.9 12.8 19.2

236 28.5 22.5 33.7



#31

Terphenyl-d14

Concen: 0.198 ng

RT: 20.034 min Scan# 2308

Delta R.T. -0.009 min

Lab File: BN024296.D

Acq: 15 Mar 2023 16:43

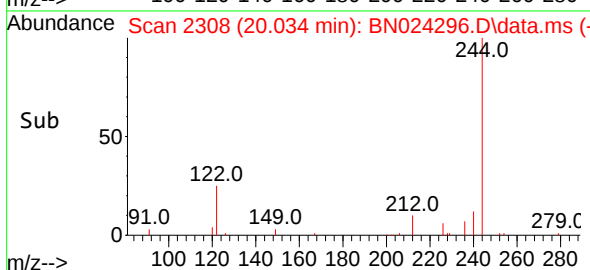
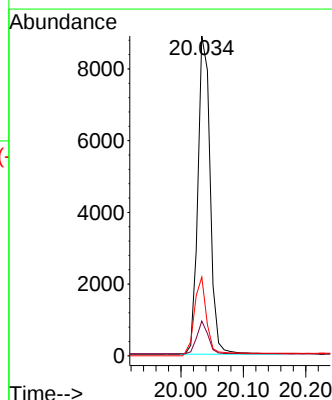
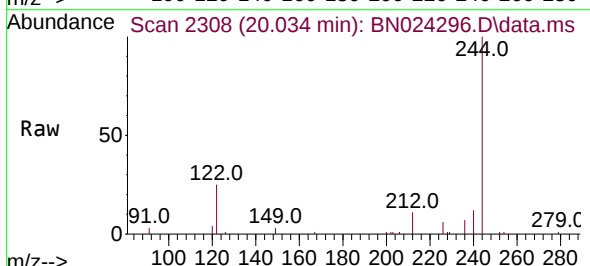
Tgt Ion:244 Resp: 11461

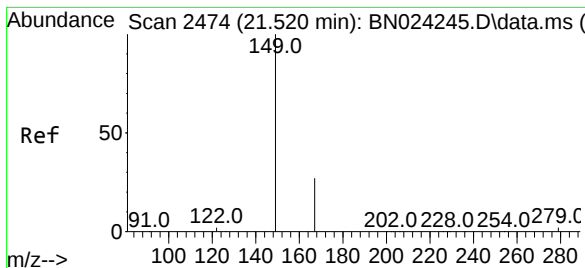
Ion Ratio Lower Upper

244 100

212 10.9 7.6 11.4

122 24.6 15.1 22.7#

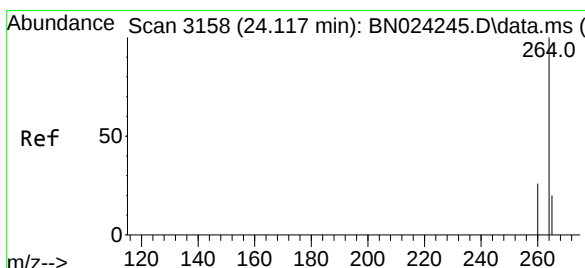
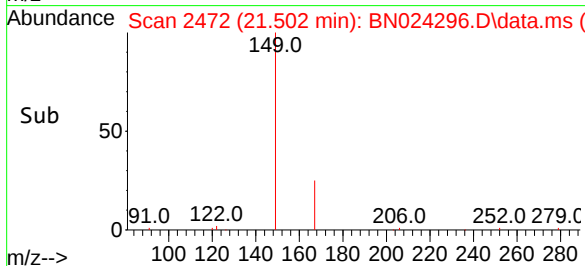
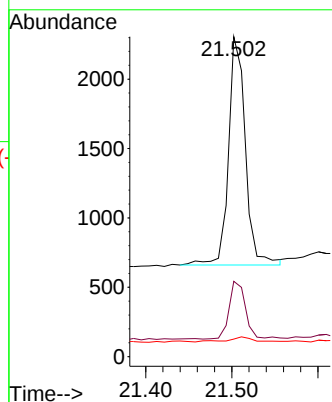
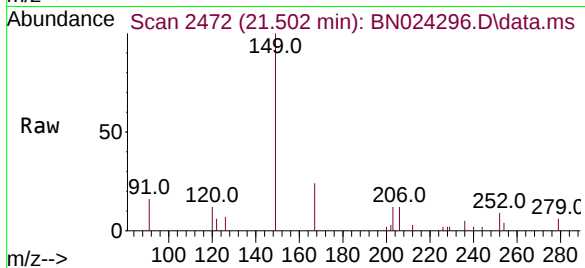




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.042 ng
RT: 21.502 min Scan# 2474
Delta R.T. -0.009 min
Lab File: BN024296.D
Acq: 15 Mar 2023 16:43

Instrument :
BNA_N
ClientSampleId :
RE132D7-20230306

Tgt Ion:149 Resp: 2248
Ion Ratio Lower Upper
149 100
167 24.8 21.2 31.8
279 3.2 1.8 2.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.108 min Scan# 3155
Delta R.T. -0.020 min
Lab File: BN024296.D
Acq: 15 Mar 2023 16:43

Tgt Ion:264 Resp: 28248
Ion Ratio Lower Upper
264 100
260 27.2 21.4 32.2
265 40.0 35.7 53.5

