

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027258.D
 Acq On : 30 Aug 2023 02:39
 Operator : MA/JU
 Sample : 04126-24
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20230821

Quant Time: Aug 30 03:52:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

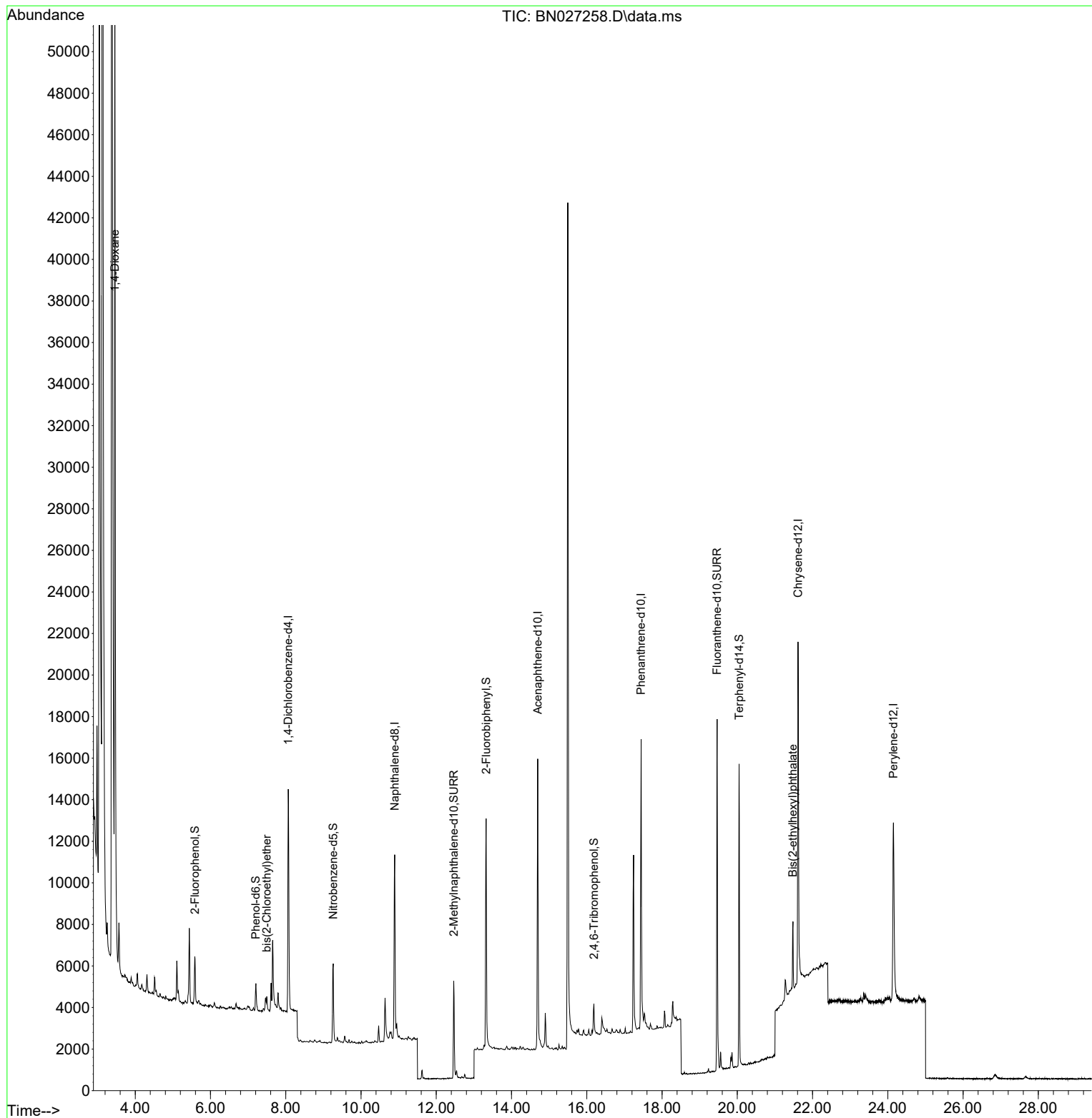
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	5007	0.400	ng	0.00
7) Naphthalene-d8	10.896	136	13306	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	8321	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	19196	0.400	ng	0.00
29) Chrysene-d12	21.614	240	17538	0.400	ng	0.00
35) Perylene-d12	24.148	264	15509	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	1998	0.153	ng	0.00
5) Phenol-d6	7.207	99	1332	0.084	ng	0.00
8) Nitrobenzene-d5	9.262	82	3565	0.368	ng	0.00
11) 2-Methylnaphthalene-d10	12.464	152	6831	0.350	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	991	0.322	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	10962	0.346	ng	0.00
27) Fluoranthene-d10	19.463	212	19114	0.401	ng	0.00
31) Terphenyl-d14	20.048	244	14424	0.409	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	33261	5.441	ng	93
6) bis(2-Chloroethyl)ether	7.496	93	471	0.031	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.480	149	3312	0.114	ng	98

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

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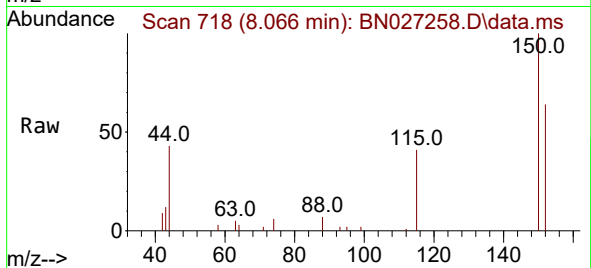
Quant Time: Aug 30 03:52:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
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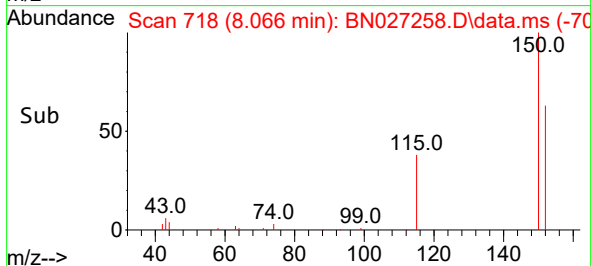
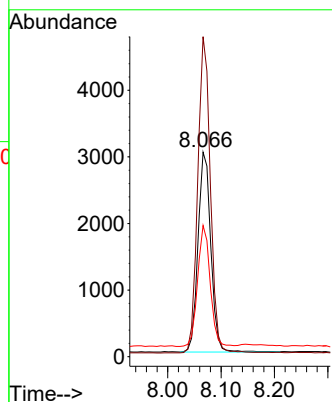


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.066 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN027258.D
Acq: 30 Aug 2023 02:39

Instrument :
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ClientSampleId :
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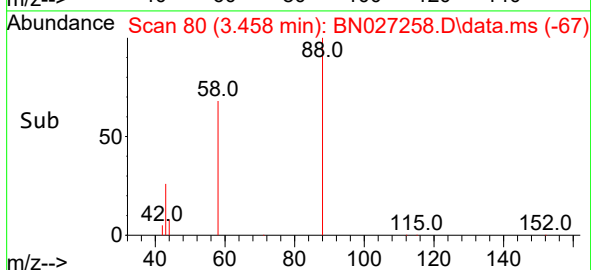
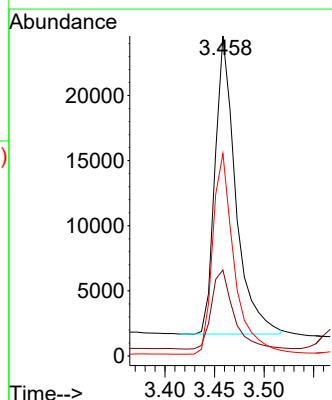
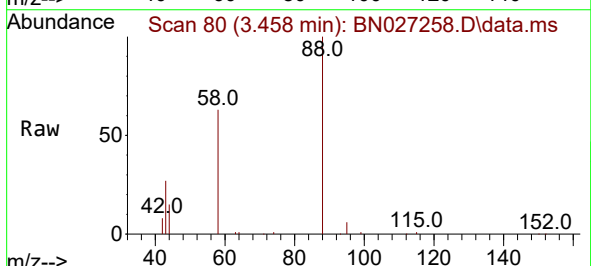


Tgt Ion:152 Resp: 5007
Ion Ratio Lower Upper
152 100
150 156.5 122.7 184.1
115 64.1 48.6 73.0



#2
1,4-Dioxane
Concen: 5.441 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.007 min
Lab File: BN027258.D
Acq: 30 Aug 2023 02:39

Tgt Ion: 88 Resp: 33261
Ion Ratio Lower Upper
88 100
43 28.3 19.1 28.7
58 70.0 52.2 78.2

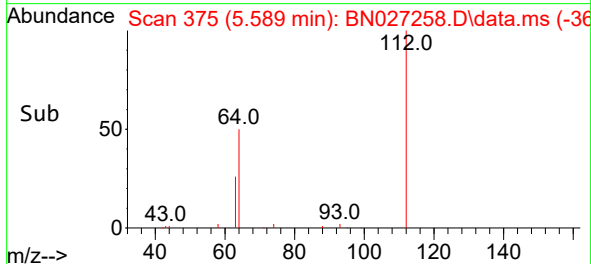
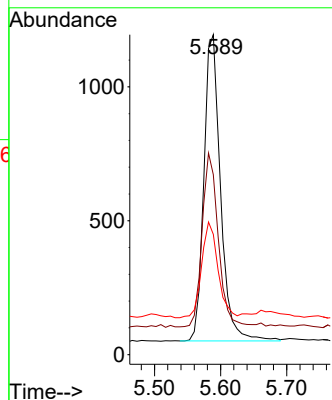
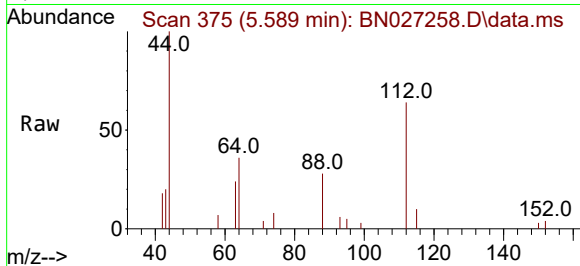




#4
2-Fluorophenol
Concen: 0.153 ng
RT: 5.589 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027258.D
Acq: 30 Aug 2023 02:39

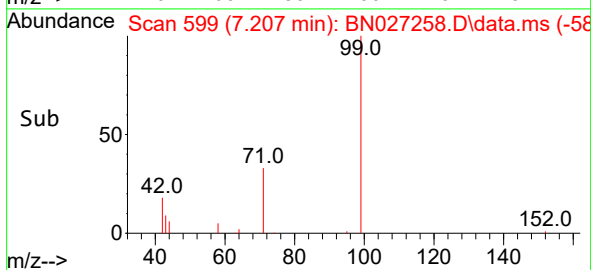
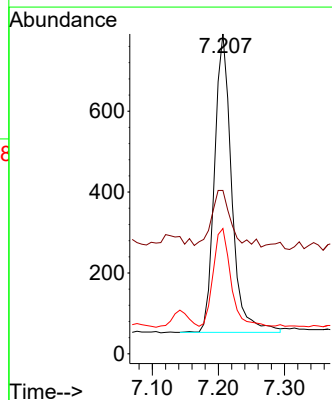
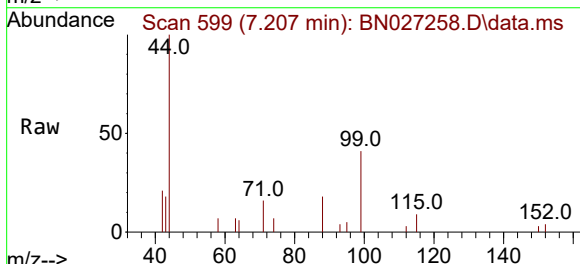
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230821

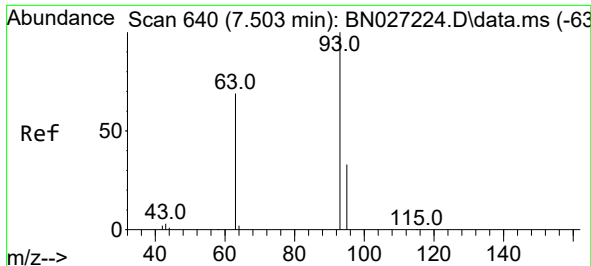
Tgt Ion:112 Resp: 1998
Ion Ratio Lower Upper
112 100
64 54.9 44.4 66.6
63 30.5 23.1 34.7



#5
Phenol-d6
Concen: 0.084 ng
RT: 7.207 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027258.D
Acq: 30 Aug 2023 02:39

Tgt Ion: 99 Resp: 1332
Ion Ratio Lower Upper
99 100
42 22.6 14.5 21.7#
71 33.3 25.8 38.6

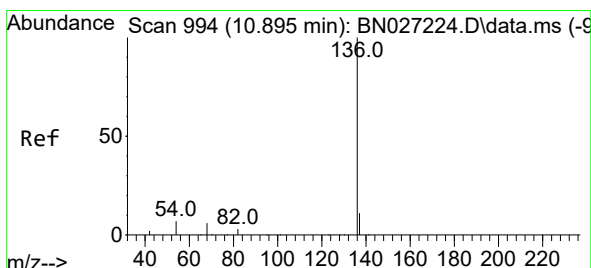
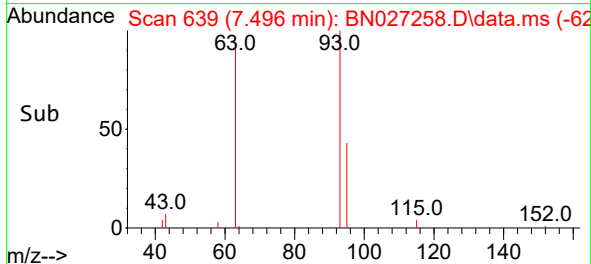
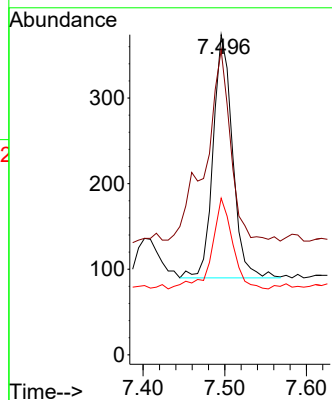
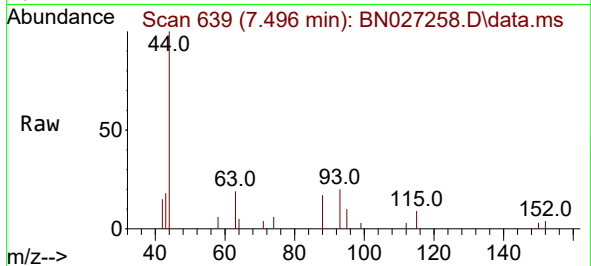




#6
bis(2-Chloroethyl)ether
Concen: 0.031 ng
RT: 7.496 min Scan# 611
Delta R.T. -0.007 min
Lab File: BN027258.D
Acq: 30 Aug 2023 02:39

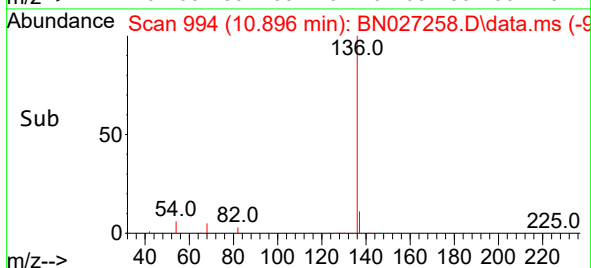
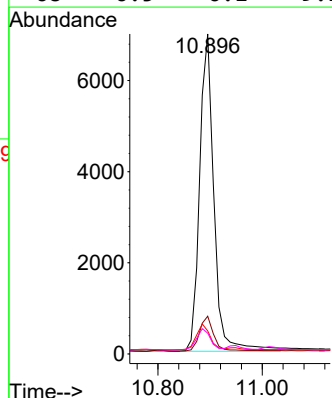
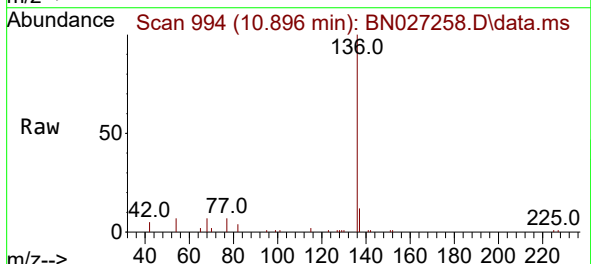
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230821

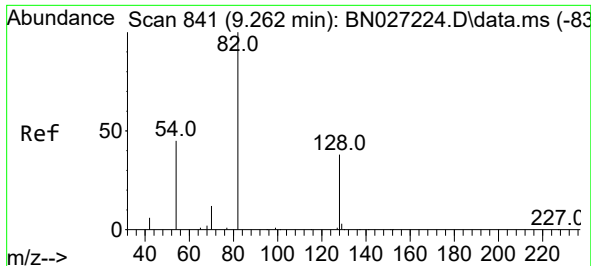
Tgt Ion: 93 Resp: 471
Ion Ratio Lower Upper
93 100
63 99.2 58.5 87.7#
95 39.7 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.896 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027258.D
Acq: 30 Aug 2023 02:39

Tgt Ion:136 Resp: 13306
Ion Ratio Lower Upper
136 100
137 11.8 9.3 13.9
54 7.2 6.7 10.1
68 6.5 6.1 9.1

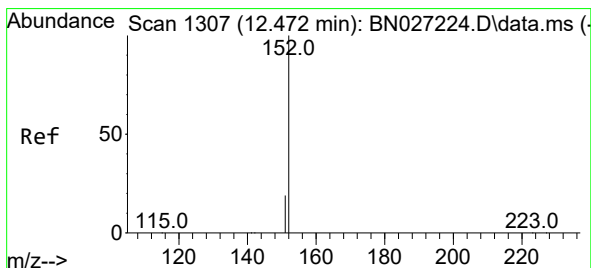
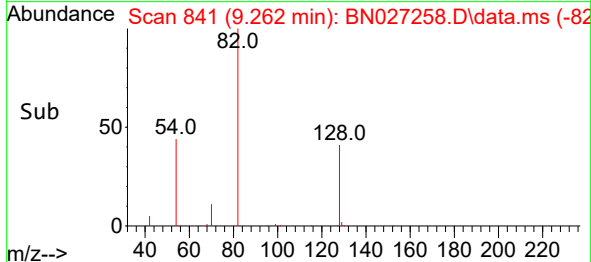
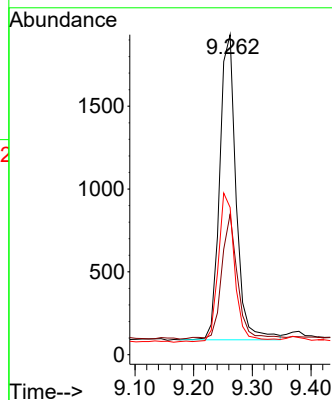
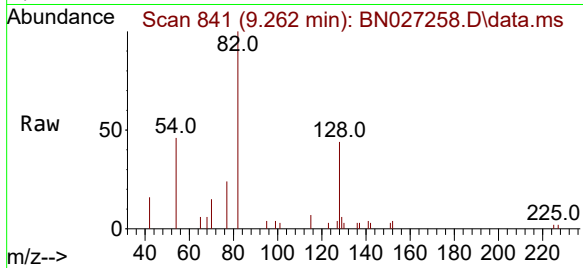




#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 9.262 min Scan# 841
Delta R.T. 0.000 min
Lab File: BN027258.D
Acq: 30 Aug 2023 02:39

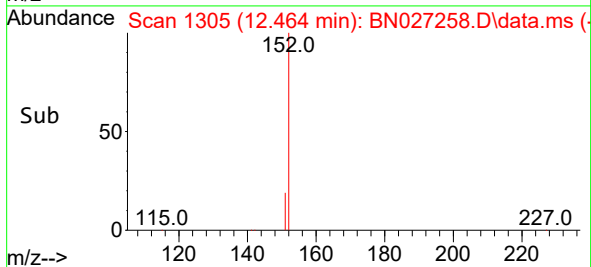
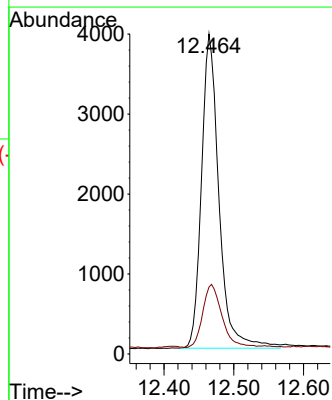
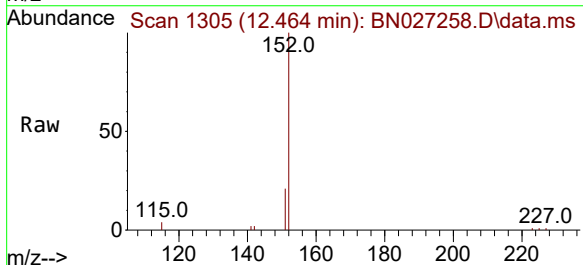
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BNA_N
ClientSampleId :
RE132D5-20230821

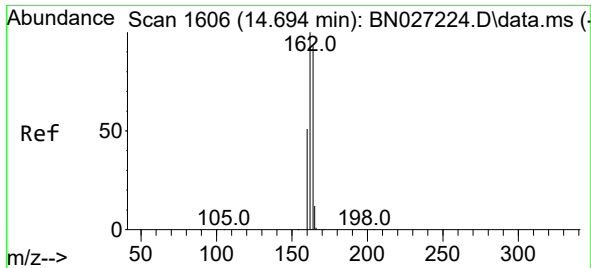
Tgt Ion: 82 Resp: 3565
Ion Ratio Lower Upper
82 100
128 43.9 33.4 50.0
54 46.0 37.7 56.5



#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.464 min Scan# 1305
Delta R.T. -0.007 min
Lab File: BN027258.D
Acq: 30 Aug 2023 02:39

Tgt Ion: 152 Resp: 6831
Ion Ratio Lower Upper
152 100
151 22.3 16.6 25.0

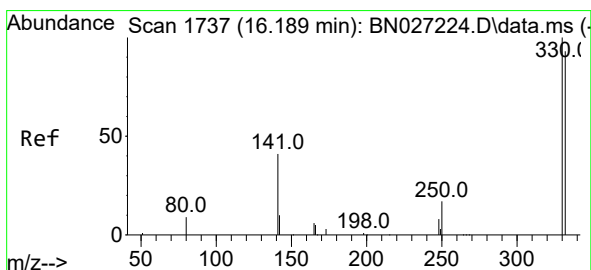
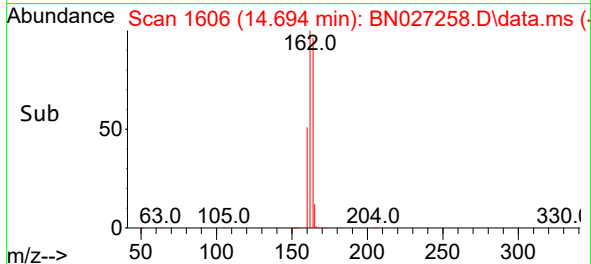
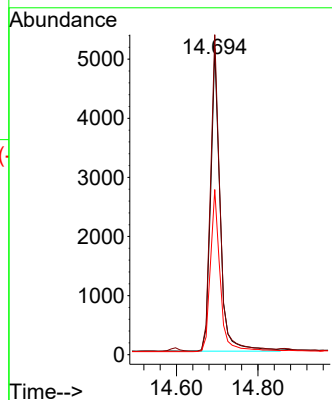
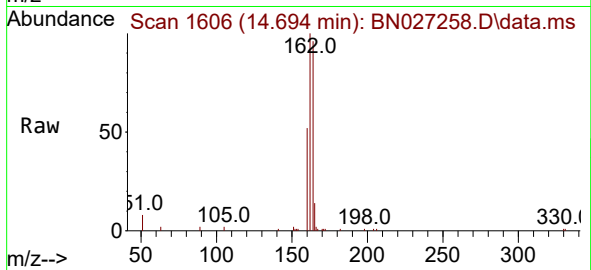




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BN027258.D
Acq: 30 Aug 2023 02:39

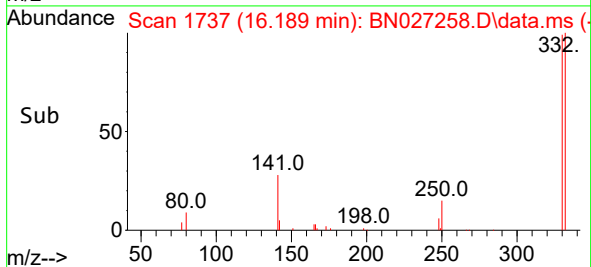
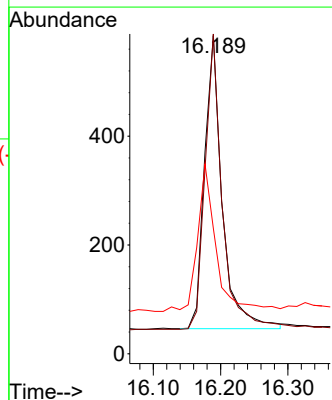
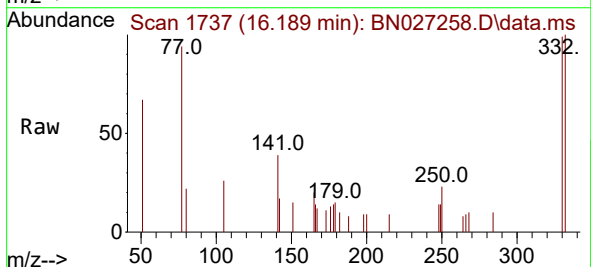
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ClientSampleId :
RE132D5-20230821

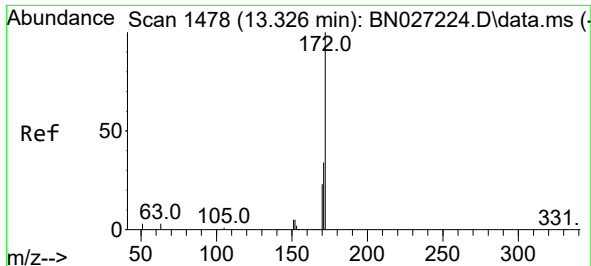
Tgt Ion:164 Resp: 8321
Ion Ratio Lower Upper
164 100
162 104.5 85.8 128.8
160 53.9 44.2 66.2



#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 16.189 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN027258.D
Acq: 30 Aug 2023 02:39

Tgt Ion:330 Resp: 991
Ion Ratio Lower Upper
330 100
332 97.4 75.2 112.8
141 52.2 36.2 54.4

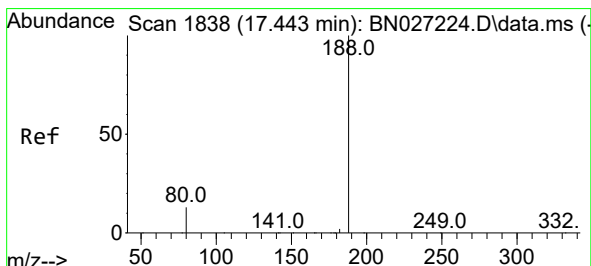
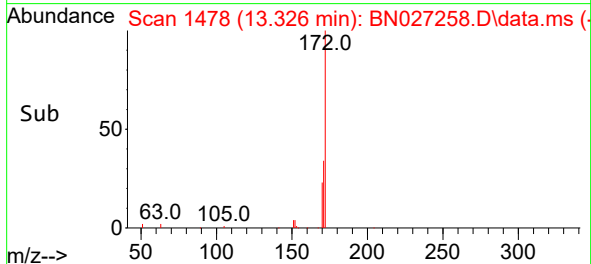
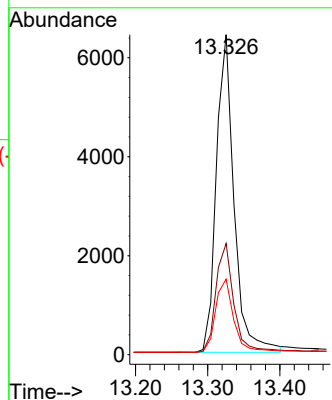
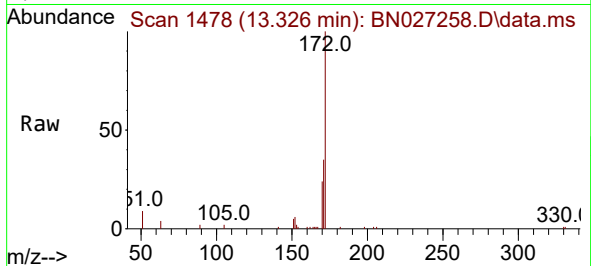




#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027258.D
Acq: 30 Aug 2023 02:39

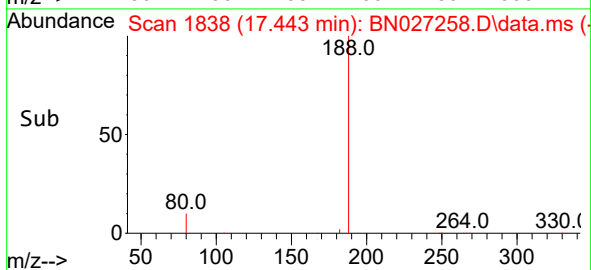
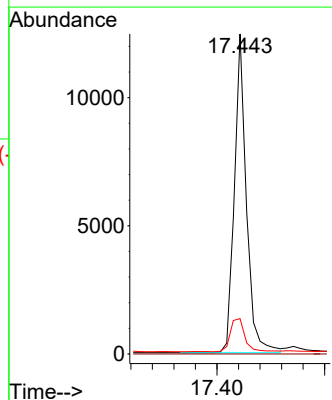
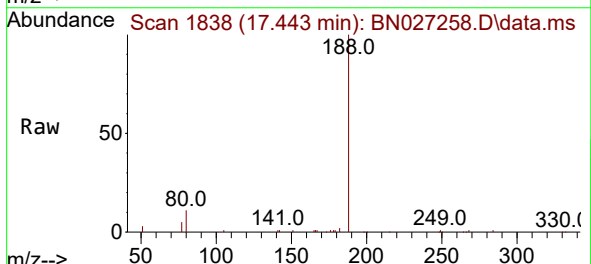
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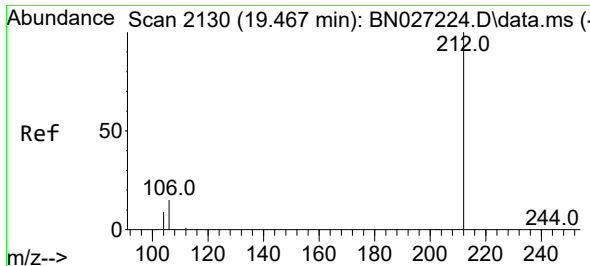
Tgt Ion:172	Resp:	10962
Ion Ratio	Lower	Upper
172	100	
171	34.7	27.8 41.8
170	23.6	19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BN027258.D
Acq: 30 Aug 2023 02:39

Tgt Ion:188	Resp:	19196
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	11.1	11.0 16.6

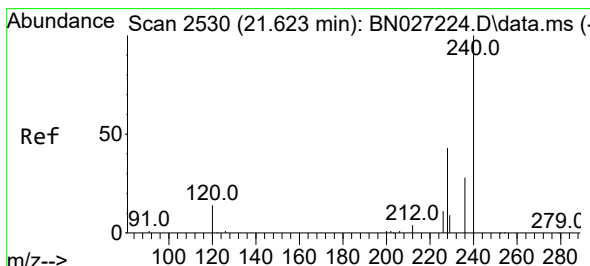
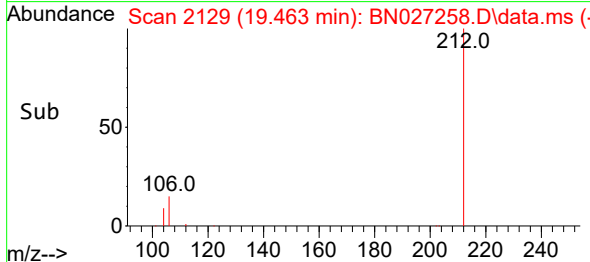
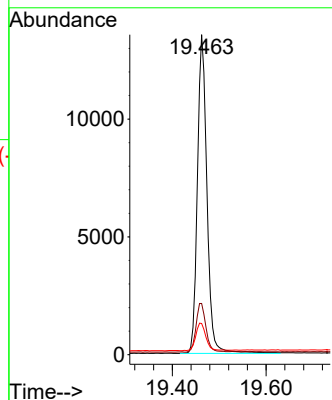
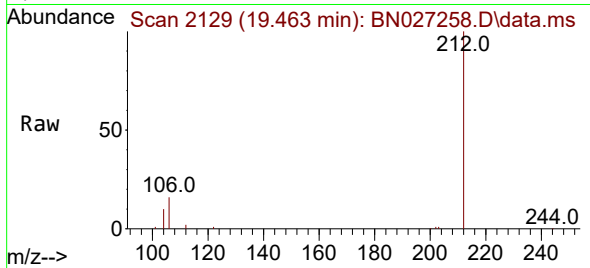




#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.463 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BN027258.D
Acq: 30 Aug 2023 02:39

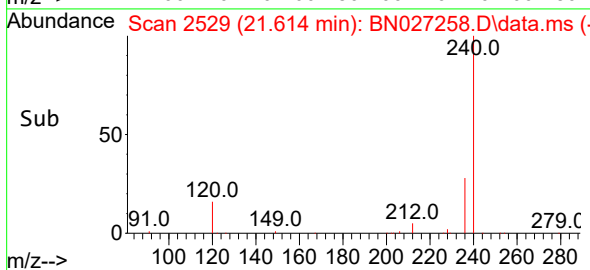
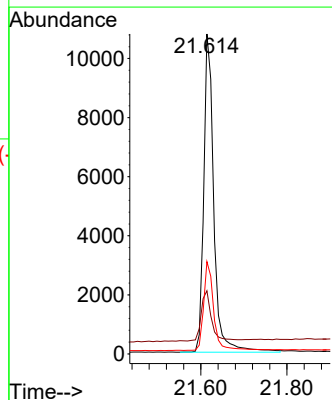
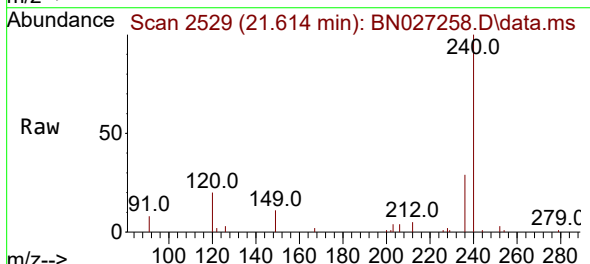
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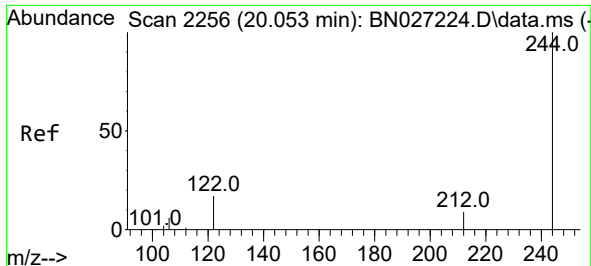
Tgt Ion:212 Resp: 19114
Ion Ratio Lower Upper
212 100
106 15.7 12.1 18.1
104 9.3 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.614 min Scan# 2529
Delta R.T. -0.009 min
Lab File: BN027258.D
Acq: 30 Aug 2023 02:39

Tgt Ion:240 Resp: 17538
Ion Ratio Lower Upper
240 100
120 19.7 14.2 21.4
236 28.8 22.9 34.3

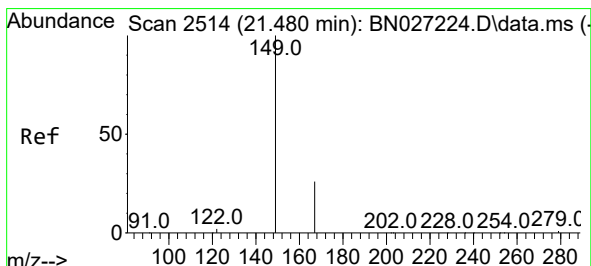
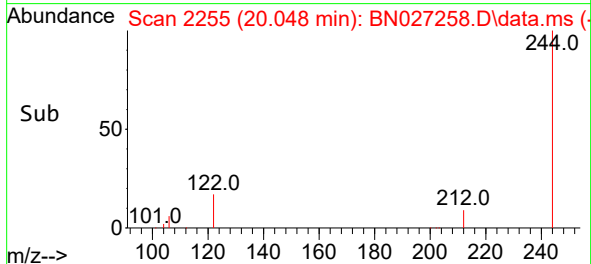
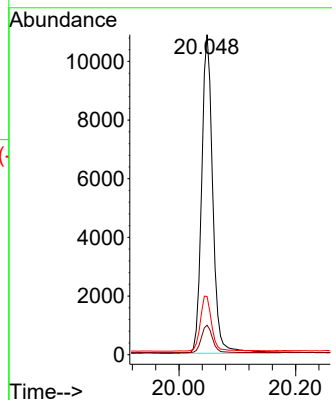
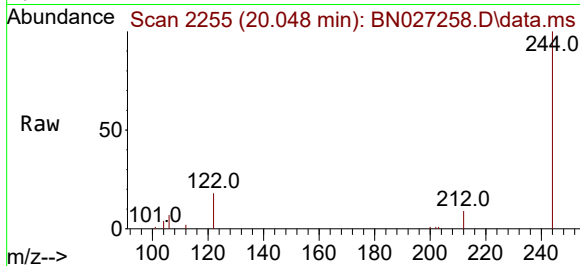




#31
 Terphenyl-d14
 Concen: 0.409 ng
 RT: 20.048 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN027258.D
 Acq: 30 Aug 2023 02:39

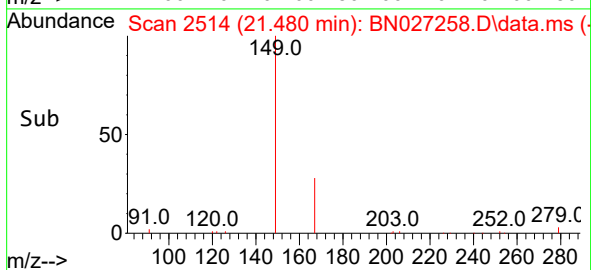
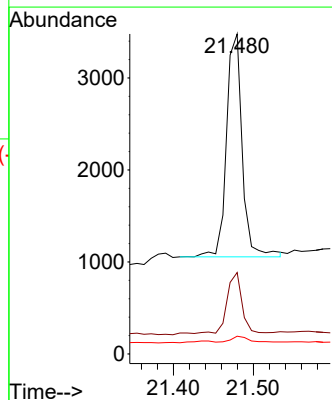
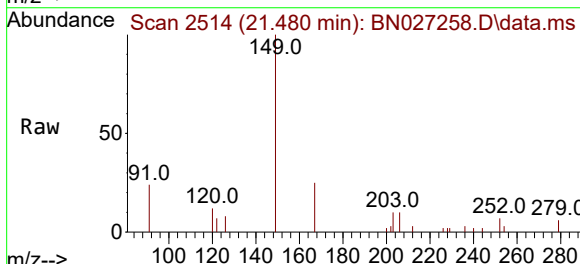
Instrument :
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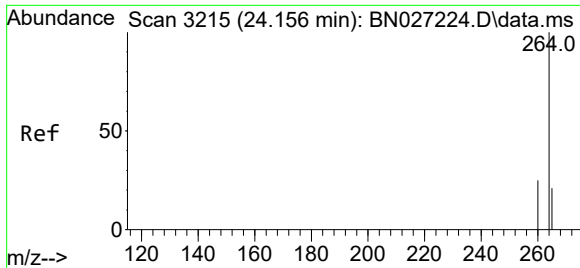
Tgt Ion:244 Resp: 14424
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.5 11.3
 122 18.2 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.114 ng
 RT: 21.480 min Scan# 2514
 Delta R.T. 0.000 min
 Lab File: BN027258.D
 Acq: 30 Aug 2023 02:39

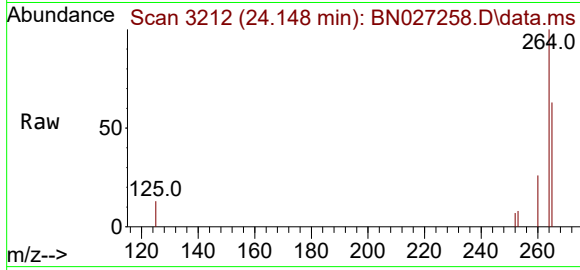
Tgt Ion:149 Resp: 3312
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.1 33.1
 279 2.9 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.148 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BN027258.D
 Acq: 30 Aug 2023 02:39

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20230821



Tgt Ion:264 Resp: 15509
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.7 31.1
 265 62.9 53.3 79.9

