

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
 Data File : BN023154.D
 Acq On : 13 Dec 2022 04:23
 Operator : CG/JU
 Sample : SP56087
 Misc : 8270 SIM SURROGATE
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP56087

Quant Time: Dec 13 05:48:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:18:26 2022
 Response via : Initial Calibration

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

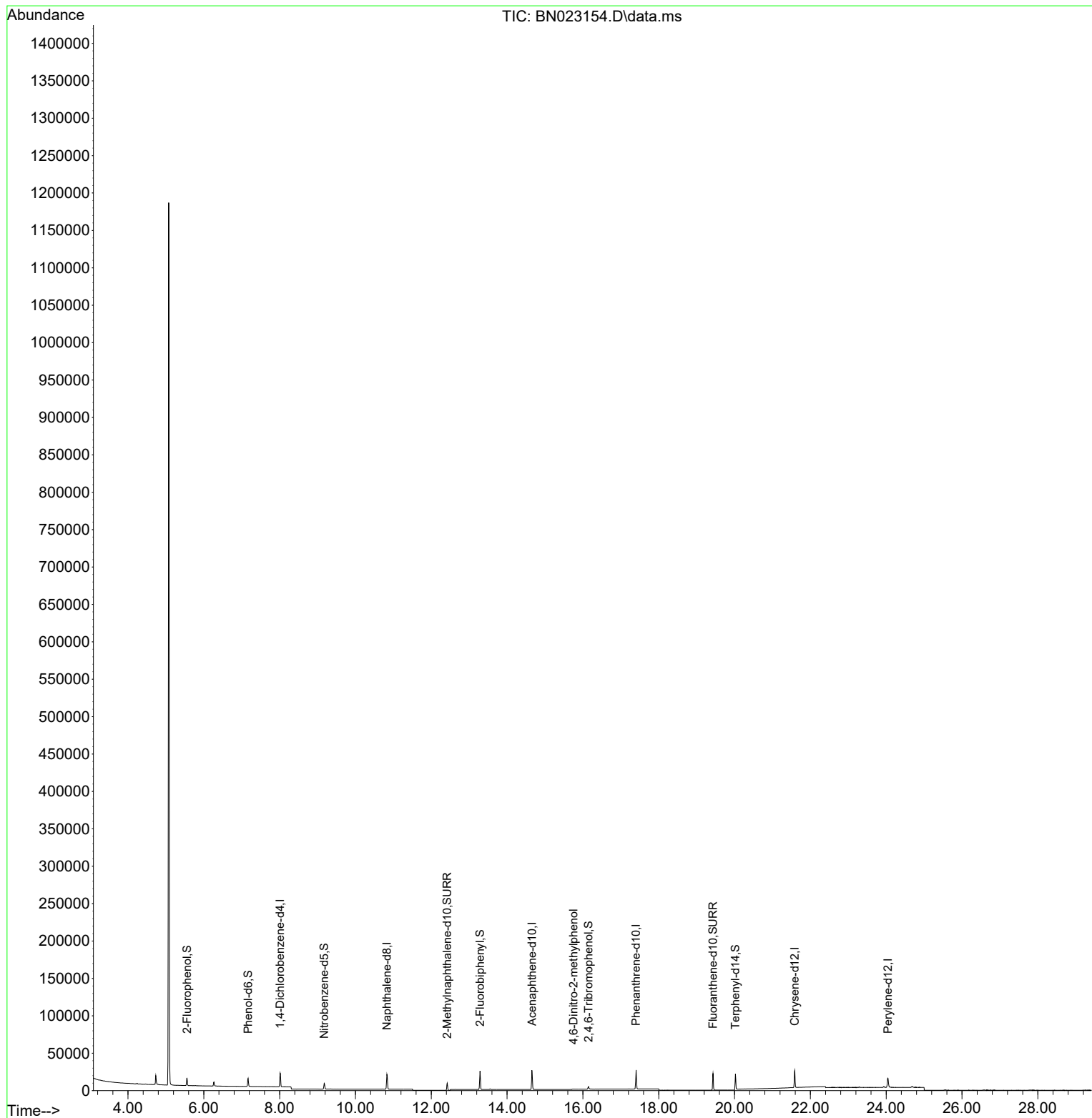
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	8954	0.400	ng	0.00
7) Naphthalene-d8	10.829	136	26404	0.400	ng	-0.01
13) Acenaphthene-d10	14.656	164	13730	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	30902	0.400	ng	# 0.00
29) Chrysene-d12	21.589	240	21875	0.400	ng	0.00
35) Perylene-d12	24.044	264	19075	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.558	112	8032	0.482	ng	0.00
5) Phenol-d6	7.168	99	9967	0.470	ng	0.00
8) Nitrobenzene-d5	9.174	82	6349	0.365	ng	-0.01
11) 2-Methylnaphthalene-d10	12.420	152	12814	0.286	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	1970	0.395	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	20265	0.369	ng	0.00
27) Fluoranthene-d10	19.431	212	24017	0.332	ng	0.00
31) Terphenyl-d14	20.022	244	14315	0.403	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.751	198	2	0.232	ng	# 1

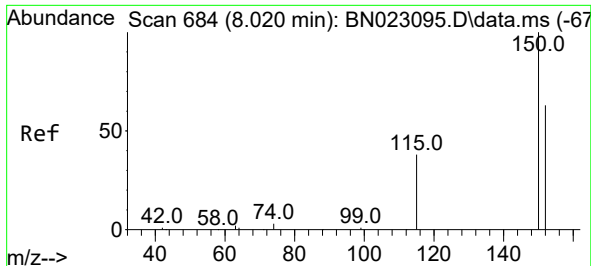
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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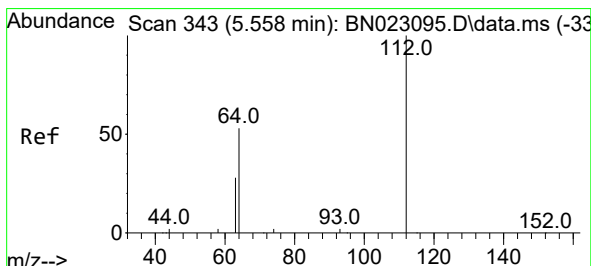
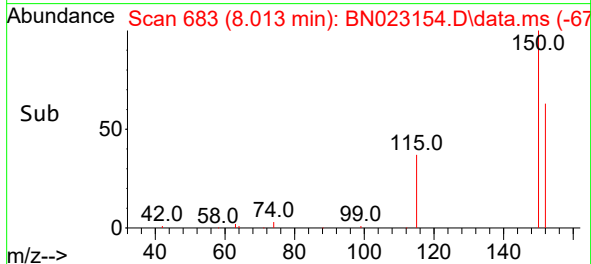
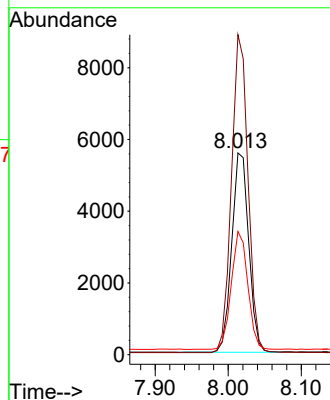
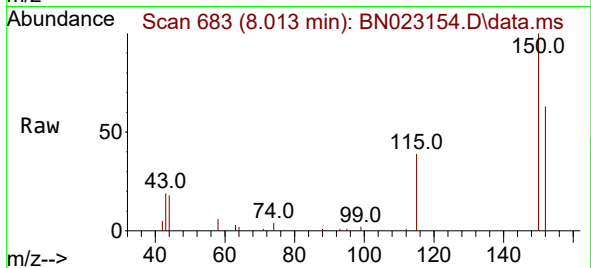




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.013 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN023154.D
Acq: 13 Dec 2022 04:23

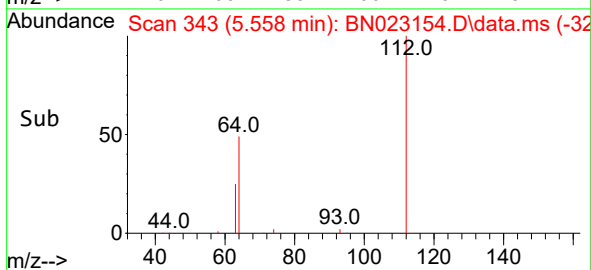
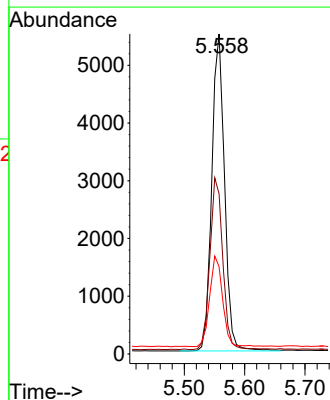
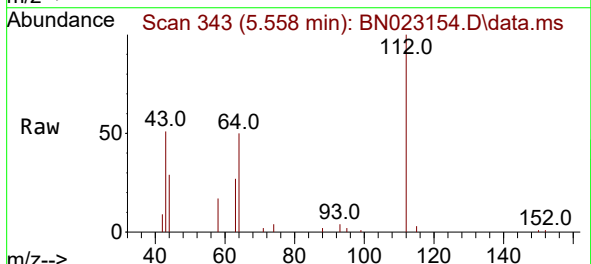
Instrument :
BNA_N
ClientSampleId :
SP56087

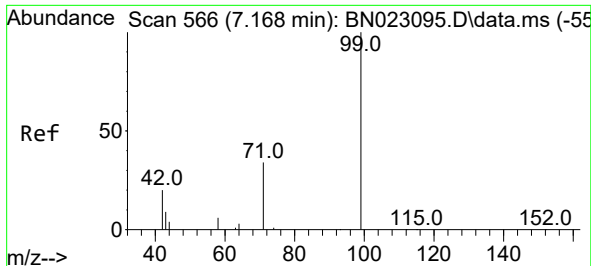
Tgt Ion:152 Resp: 8954
Ion Ratio Lower Upper
152 100
150 158.6 125.6 188.4
115 61.1 49.0 73.4



#4
2-Fluorophenol
Concen: 0.482 ng
RT: 5.558 min Scan# 343
Delta R.T. 0.007 min
Lab File: BN023154.D
Acq: 13 Dec 2022 04:23

Tgt Ion:112 Resp: 8032
Ion Ratio Lower Upper
112 100
64 55.0 44.4 66.6
63 29.1 23.7 35.5

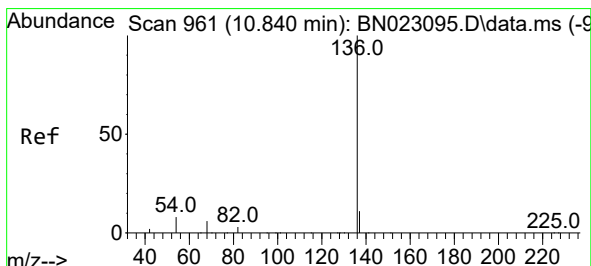
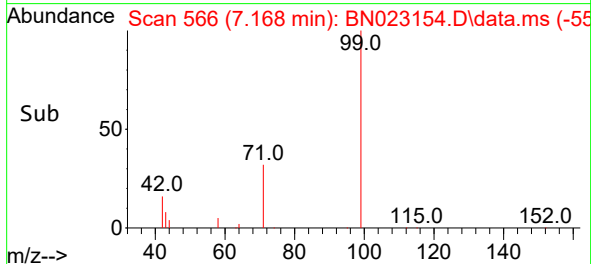
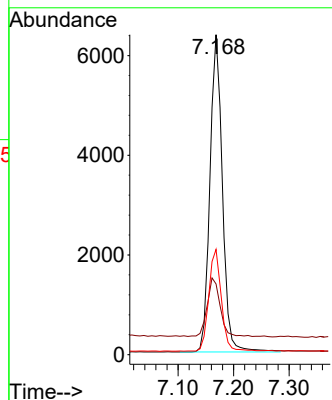
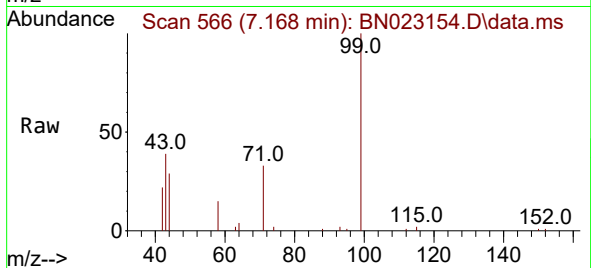




#5
Phenol-d6
Concen: 0.470 ng
RT: 7.168 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN023154.D
Acq: 13 Dec 2022 04:23

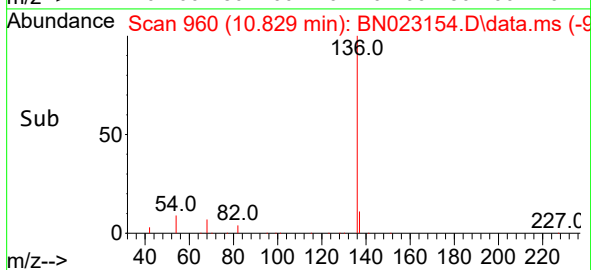
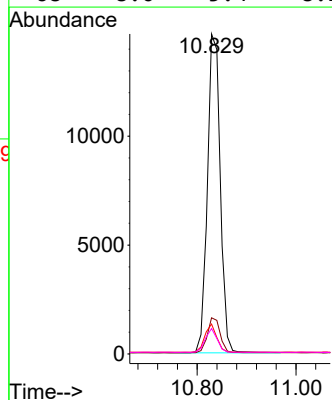
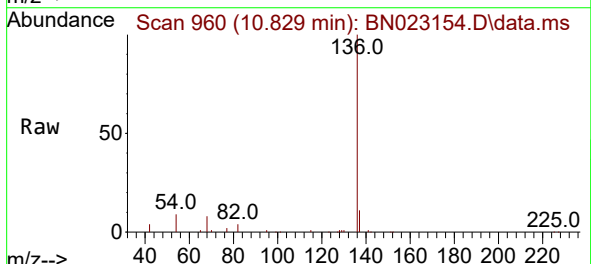
Instrument :
BNA_N
ClientSampleId :
SP56087

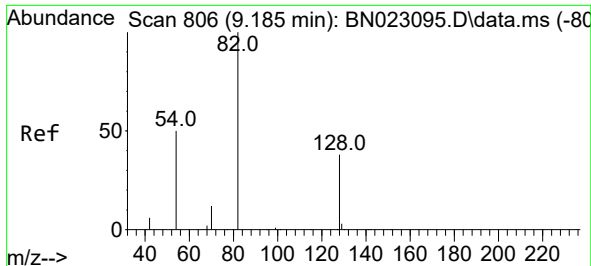
Tgt Ion: 99 Resp: 9967
Ion Ratio Lower Upper
99 100
42 18.9 16.3 24.5
71 32.2 26.5 39.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.829 min Scan# 960
Delta R.T. -0.011 min
Lab File: BN023154.D
Acq: 13 Dec 2022 04:23

Tgt Ion: 136 Resp: 26404
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 9.4 6.5 9.7
68 8.0 5.4 8.2

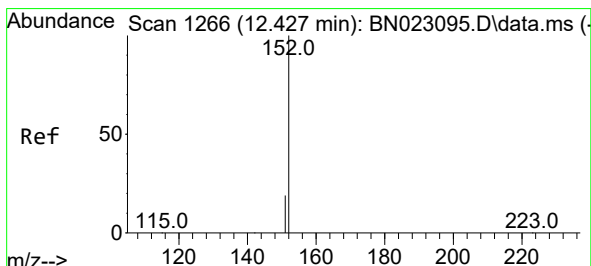
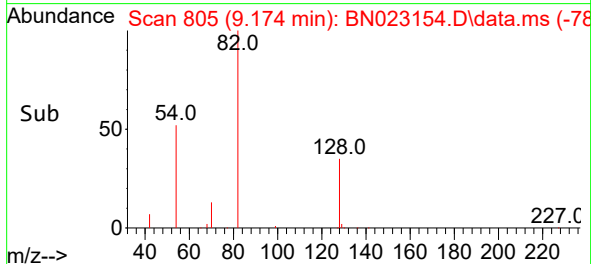
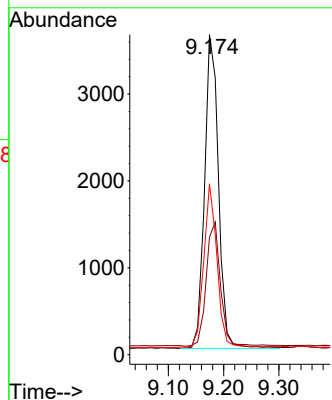
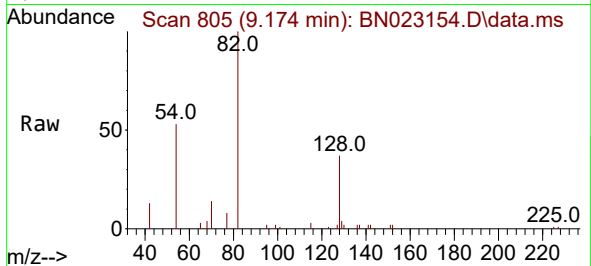




#8
 Nitrobenzene-d5
 Concen: 0.365 ng
 RT: 9.174 min Scan# 806
 Delta R.T. -0.011 min
 Lab File: BN023154.D
 Acq: 13 Dec 2022 04:23

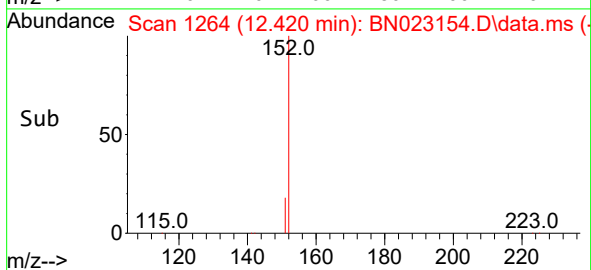
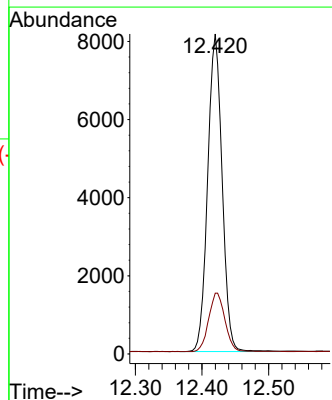
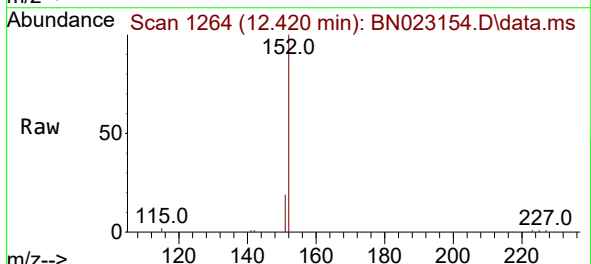
Instrument :
 BNA_N
 ClientSampleId :
 SP56087

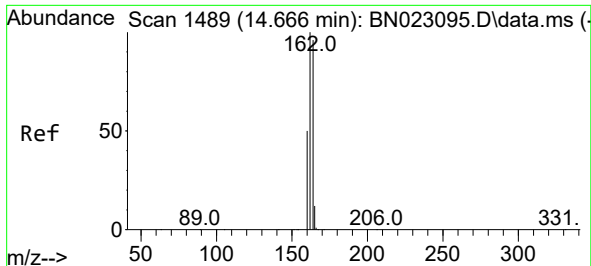
Tgt Ion: 82 Resp: 6349
 Ion Ratio Lower Upper
 82 100
 128 36.7 31.4 47.2
 54 53.4 41.0 61.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.286 ng
 RT: 12.420 min Scan# 1264
 Delta R.T. -0.000 min
 Lab File: BN023154.D
 Acq: 13 Dec 2022 04:23

Tgt Ion: 152 Resp: 12814
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.1 22.7

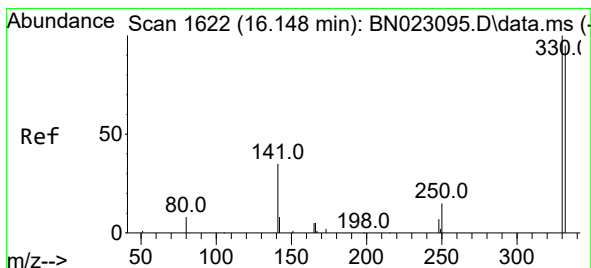
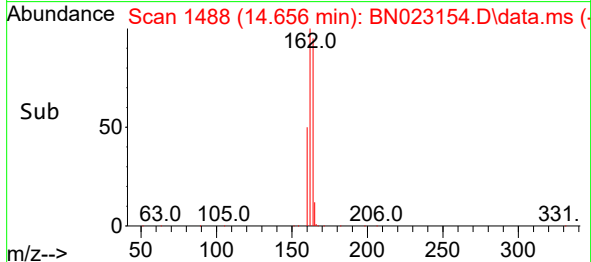
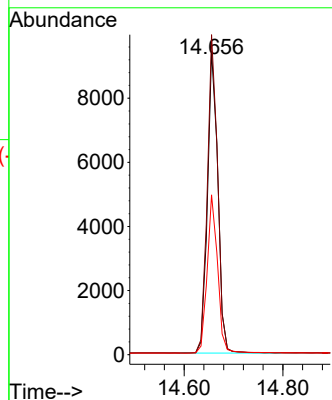
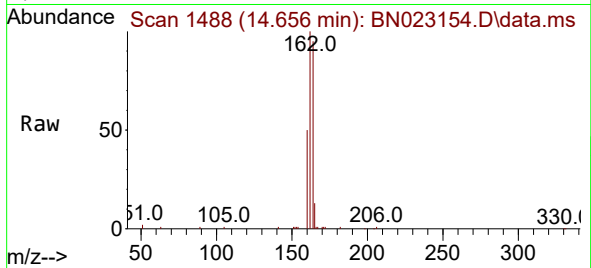




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.656 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN023154.D
Acq: 13 Dec 2022 04:23

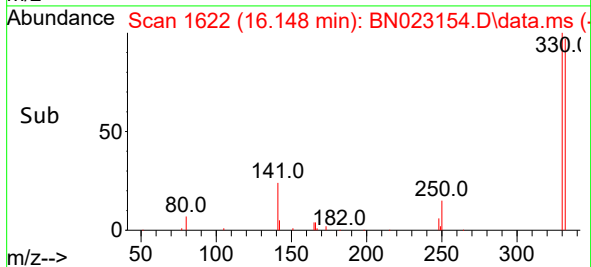
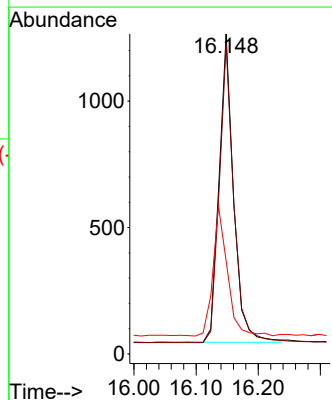
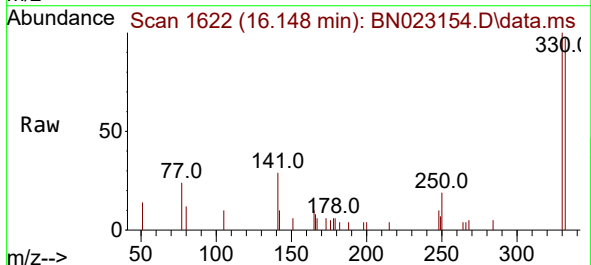
Instrument :
BNA_N
ClientSampleId :
SP56087

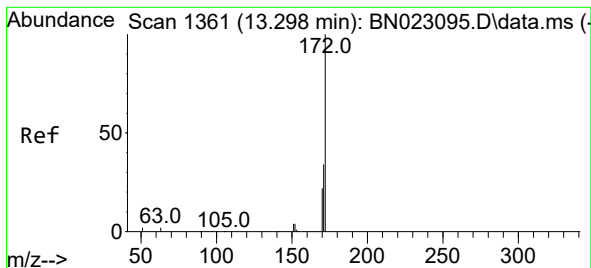
Tgt Ion:164 Resp: 13730
Ion Ratio Lower Upper
164 100
162 105.5 83.4 125.0
160 52.7 41.8 62.8



#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 16.148 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN023154.D
Acq: 13 Dec 2022 04:23

Tgt Ion:330 Resp: 1970
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 41.7 33.5 50.3





#15

2-Fluorobiphenyl

Concen: 0.369 ng

RT: 13.287 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN023154.D

Acq: 13 Dec 2022 04:23

Instrument :

BNA_N

ClientSampleId :

SP56087

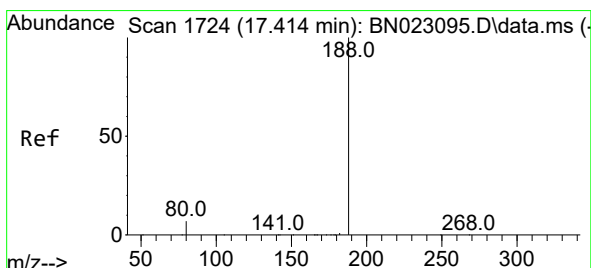
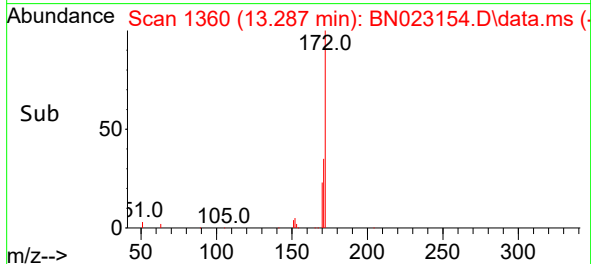
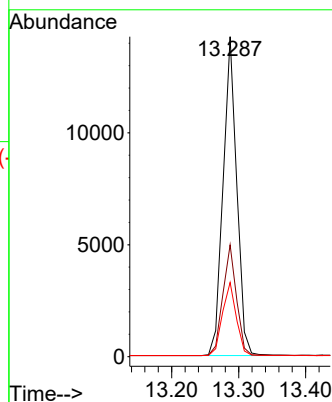
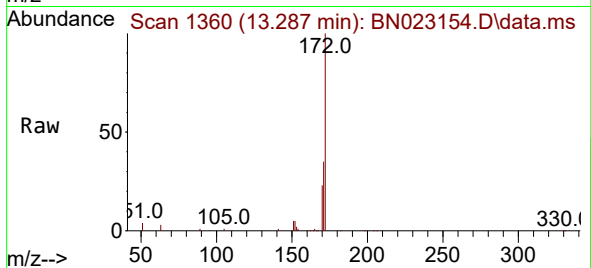
Tgt Ion:172 Resp: 20265

Ion Ratio Lower Upper

172 100

171 35.0 27.4 41.0

170 23.2 17.9 26.9



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.402 min Scan# 1723

Delta R.T. -0.000 min

Lab File: BN023154.D

Acq: 13 Dec 2022 04:23

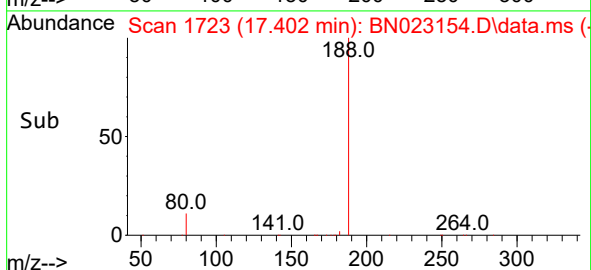
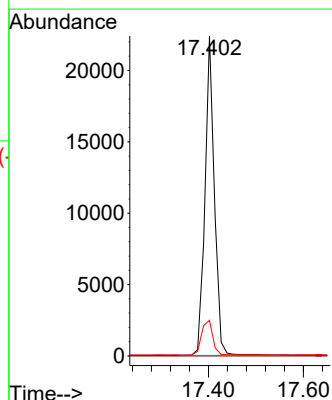
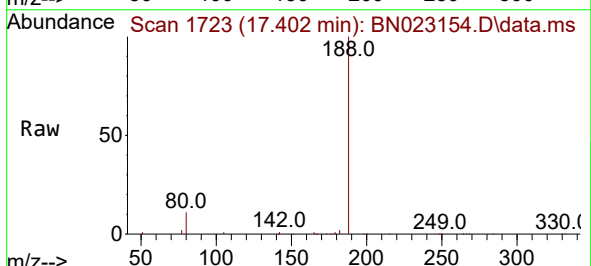
Tgt Ion:188 Resp: 30902

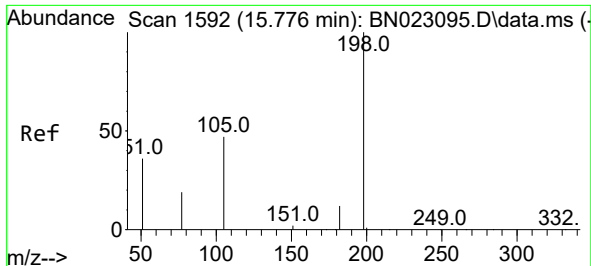
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 6.1 9.1#

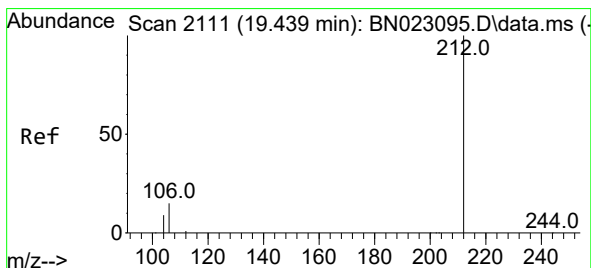
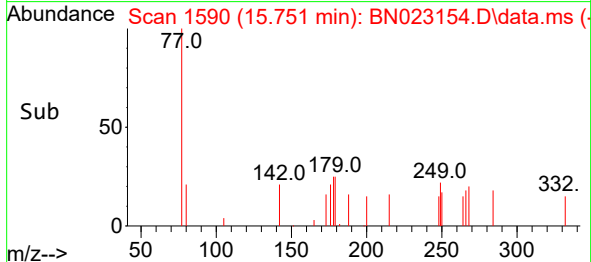
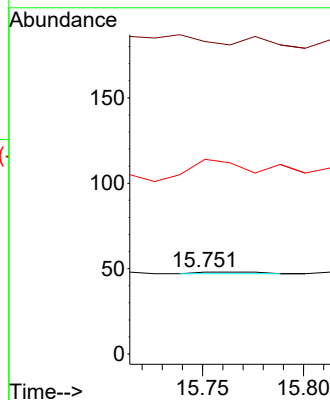
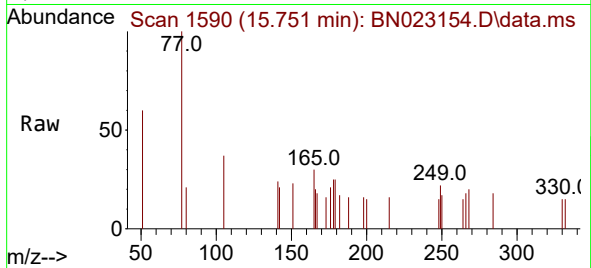




#20
4,6-Dinitro-2-methylphenol
Concen: 0.232 ng
RT: 15.751 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN023154.D
Acq: 13 Dec 2022 04:23

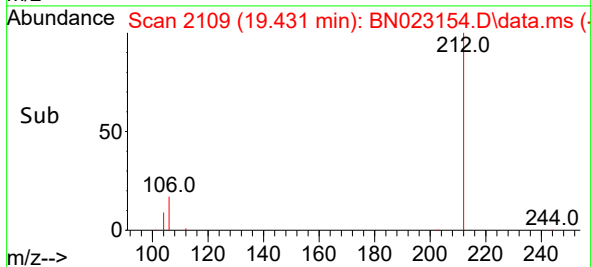
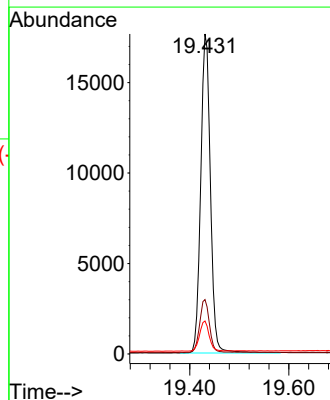
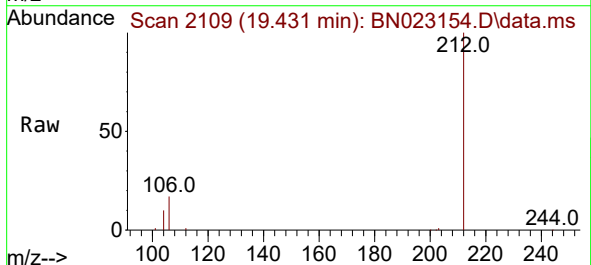
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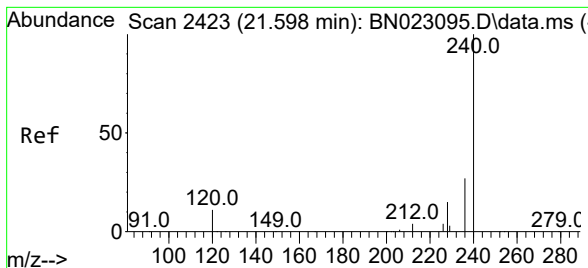
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 381.3 57.0 85.4#
105 237.5 47.2 70.8#



#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.431 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN023154.D
Acq: 13 Dec 2022 04:23

Tgt Ion:212 Resp: 24017
Ion Ratio Lower Upper
212 100
106 16.7 13.0 19.4
104 9.2 7.5 11.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.589 min Scan# 2422

Delta R.T. -0.000 min

Lab File: BN023154.D

Acq: 13 Dec 2022 04:23

Instrument :

BNA_N

ClientSampleId :

SP56087

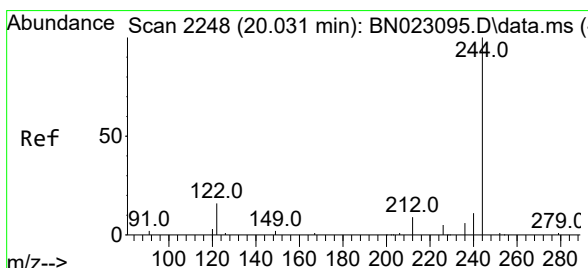
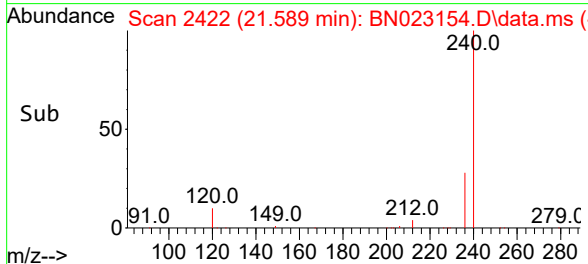
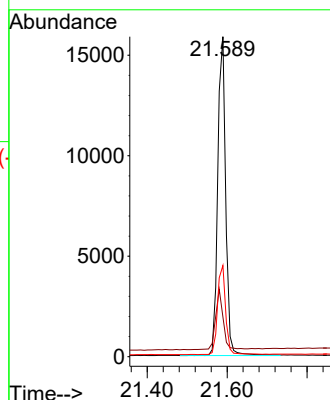
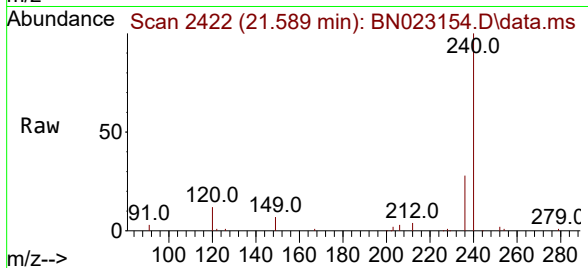
Tgt Ion:240 Resp: 21875

Ion Ratio Lower Upper

240 100

120 12.4 10.1 15.1

236 28.5 22.2 33.4



#31

Terphenyl-d14

Concen: 0.403 ng

RT: 20.022 min Scan# 2247

Delta R.T. -0.009 min

Lab File: BN023154.D

Acq: 13 Dec 2022 04:23

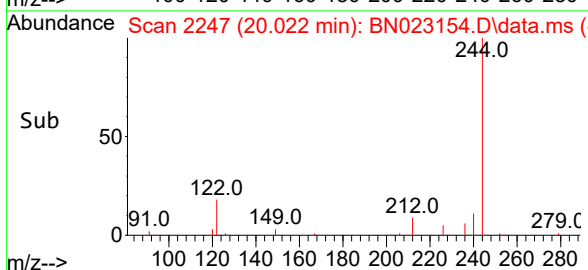
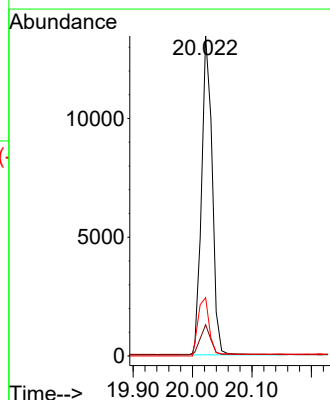
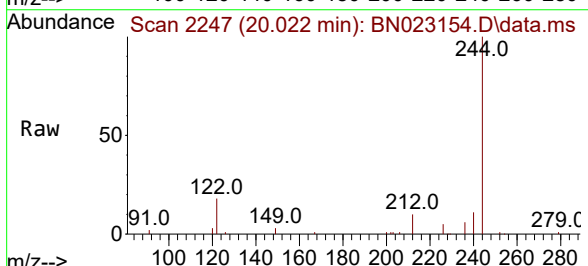
Tgt Ion:244 Resp: 14315

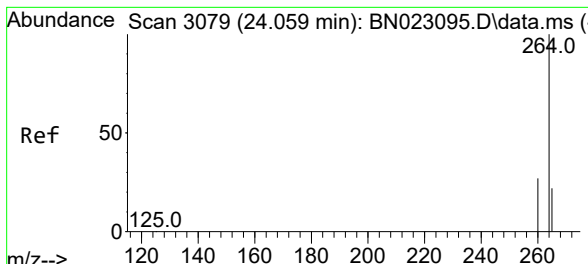
Ion Ratio Lower Upper

244 100

212 9.8 7.6 11.4

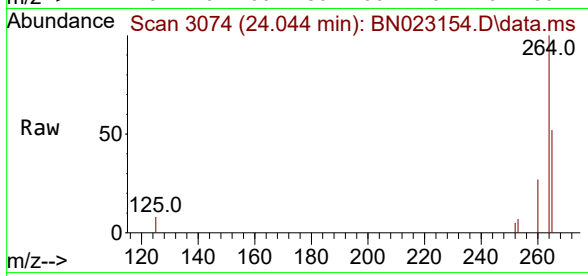
122 18.2 12.6 18.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.044 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BN023154.D
 Acq: 13 Dec 2022 04:23

Instrument :
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 ClientSampleId :
 SP56087



Tgt Ion: 264 Resp: 19075

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.7	32.5
265	51.9	43.2	64.8

