

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
 Data File : BN016829.D
 Acq On : 08 Oct 2021 05:44
 Operator : CG/JU
 Sample : PB139626BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139626BL

Quant Time: Oct 08 06:39:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 01:39:08 2021
 Response via : Initial Calibration

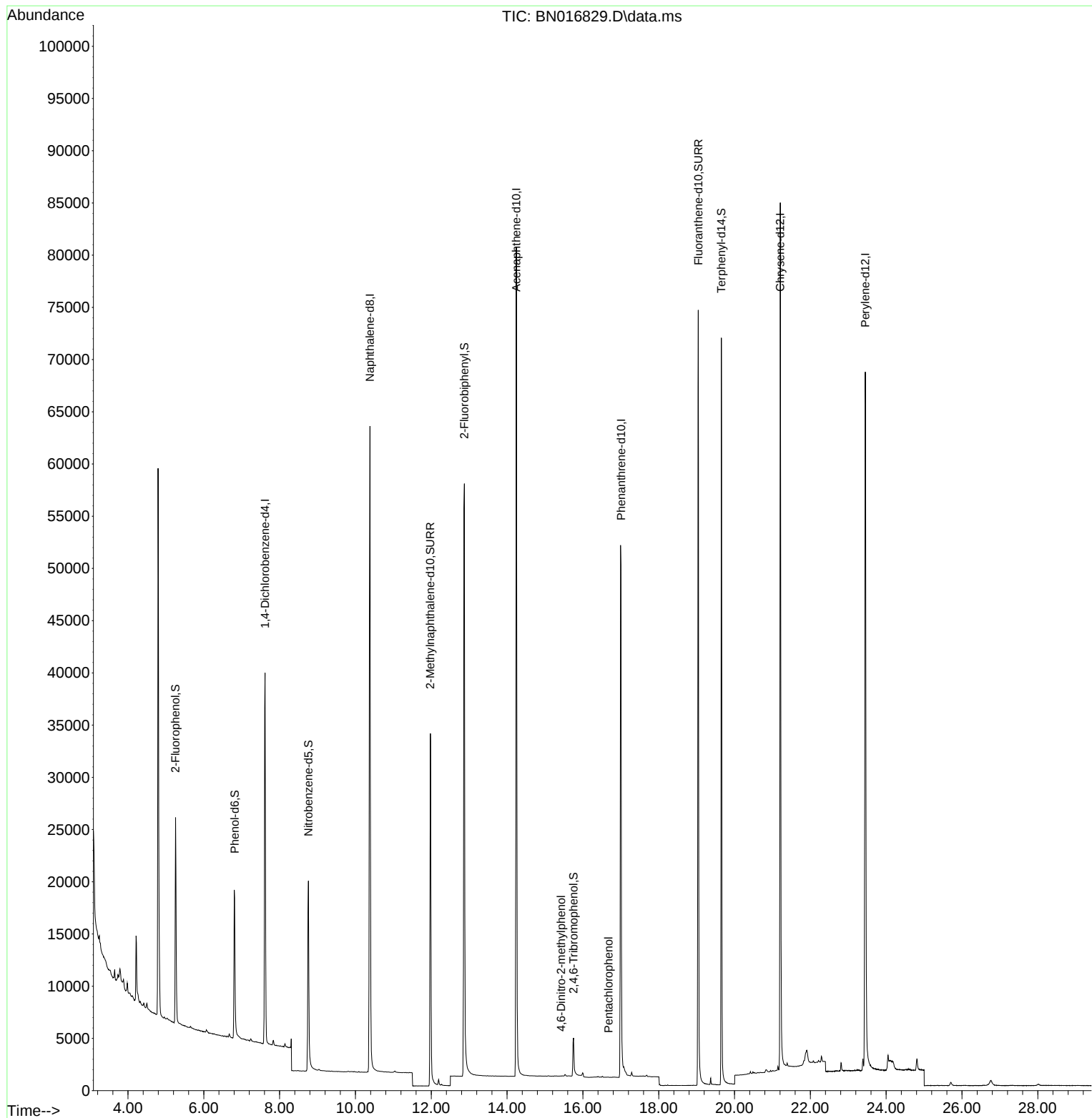
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	20222	0.400	ng	0.00
7) Naphthalene-d8	10.382	136	90701	0.400	ng	# 0.00
13) Acenaphthene-d10	14.244	164	46607	0.400	ng	0.00
19) Phenanthrene-d10	17.006	188	87792	0.400	ng	0.00
29) Chrysene-d12	21.206	240	84204	0.400	ng	#-0.01
35) Perylene-d12	23.450	264	93323	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	17956	0.355	ng	0.03
5) Phenol-d6	6.813	99	16929	0.295	ng	0.02
8) Nitrobenzene-d5	8.759	82	18897	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	50878	0.377	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	4382	0.182	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	63240	0.336	ng	0.00
27) Fluoranthene-d10	19.043	212	89929	0.369	ng	0.00
31) Terphenyl-d14	19.654	244	74013	0.403	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.424	198	5	0.208	ng	# 1
24) Pentachlorophenol	16.677	266	13	0.104	ng	# 58

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

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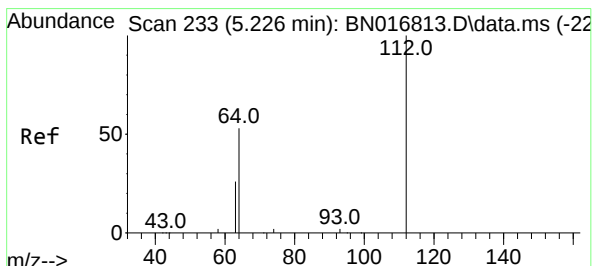
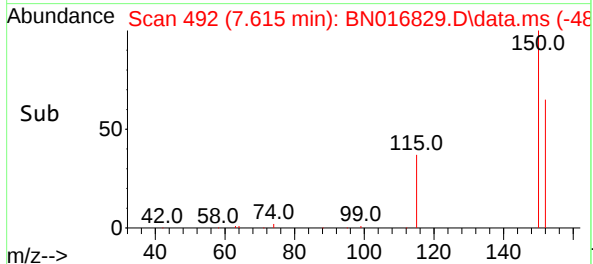
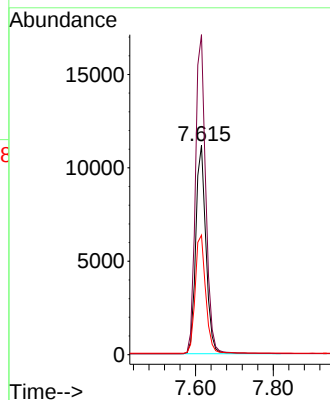
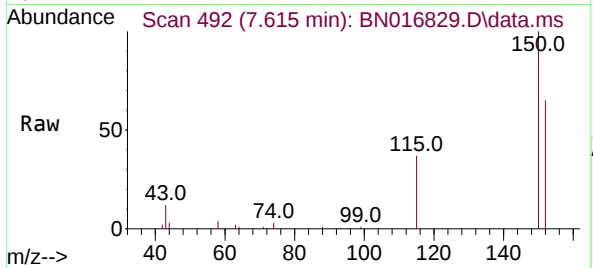




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. 0.001 min
Lab File: BN016829.D
Acq: 08 Oct 2021 05:44

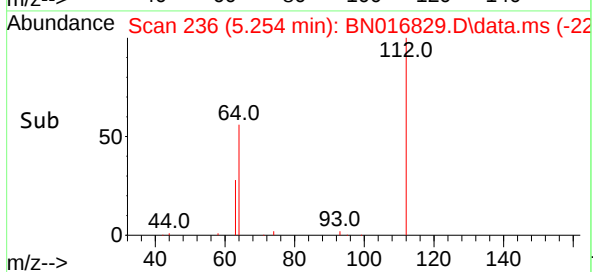
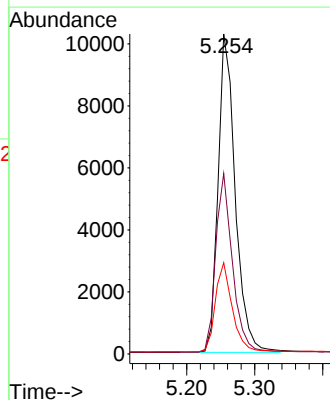
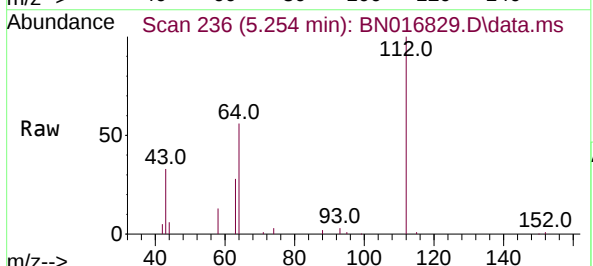
Instrument :
BNA_N
ClientSampleId :
PB139626BL

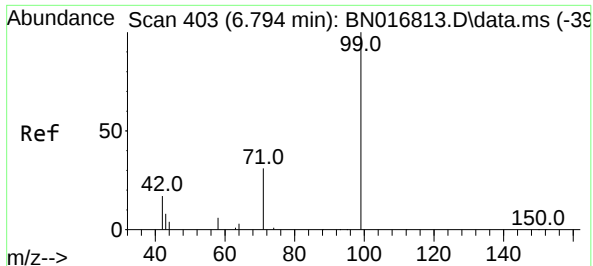
Tgt Ion:152 Resp: 20222
Ion Ratio Lower Upper
152 100
150 153.0 123.3 184.9
115 57.1 47.0 70.6



#4
2-Fluorophenol
Concen: 0.355 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.028 min
Lab File: BN016829.D
Acq: 08 Oct 2021 05:44

Tgt Ion:112 Resp: 17956
Ion Ratio Lower Upper
112 100
64 54.8 42.9 64.3
63 27.6 21.5 32.3

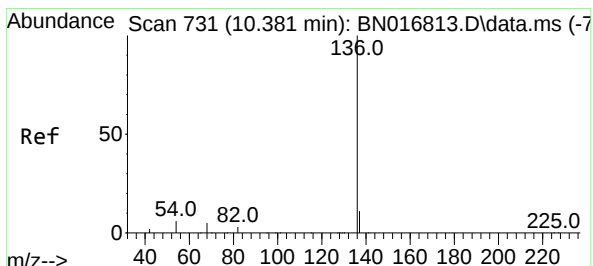
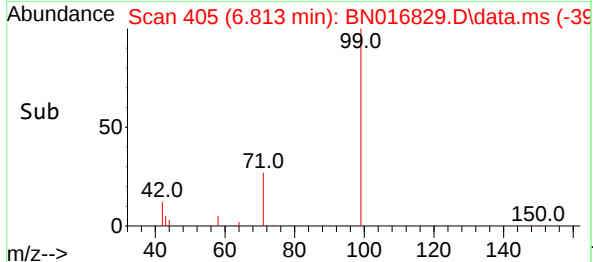
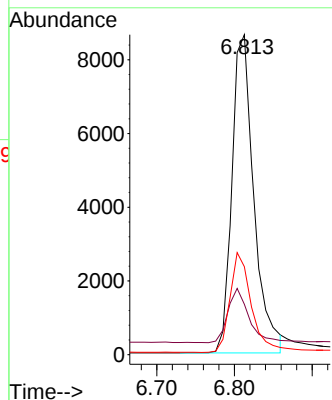
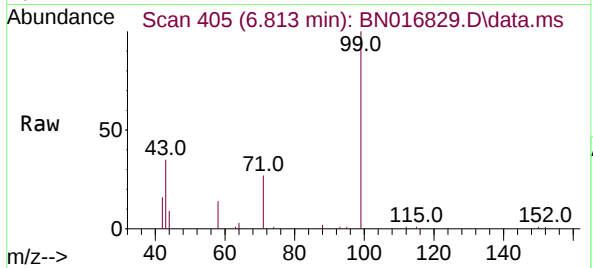




#5
Phenol-d6
Concen: 0.295 ng
RT: 6.813 min Scan# 405
Delta R.T. 0.019 min
Lab File: BN016829.D
Acq: 08 Oct 2021 05:44

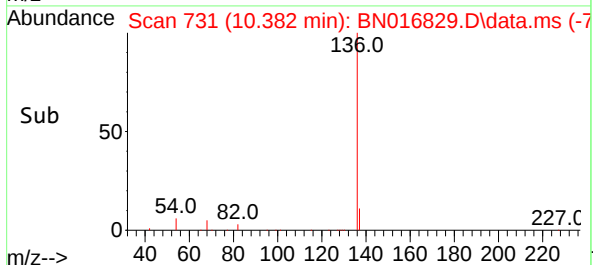
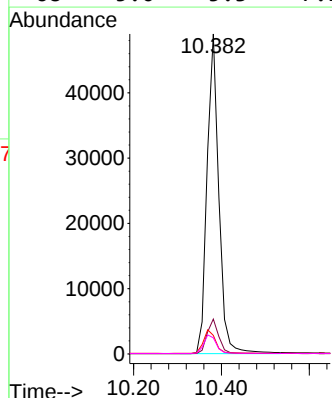
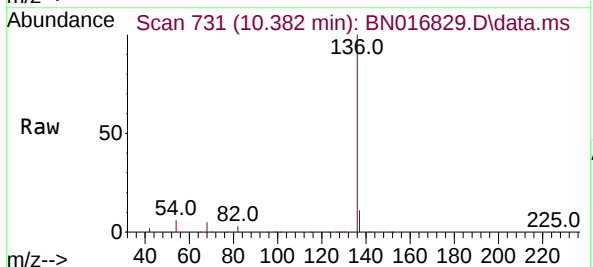
Instrument :
BNA_N
ClientSampleId :
PB139626BL

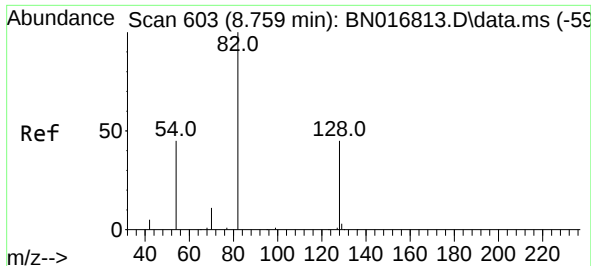
Tgt Ion: 99	Resp: 16929
Ion Ratio	Lower Upper
99 100	
42 16.2	13.4 20.2
71 30.3	24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.382 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016829.D
Acq: 08 Oct 2021 05:44

Tgt Ion: 136	Resp: 90701
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 5.8	6.5 9.7#
68 5.0	5.3 7.9#

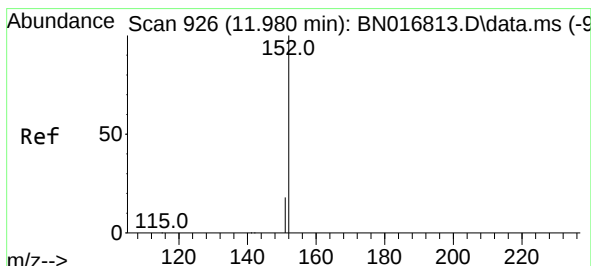
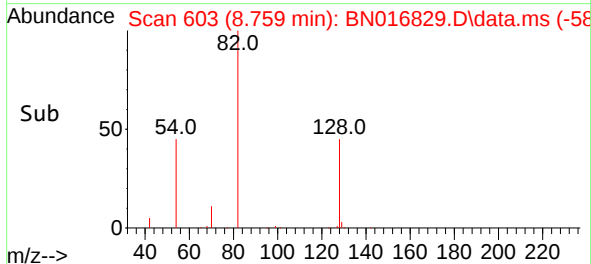
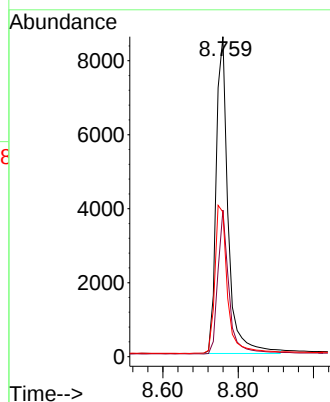
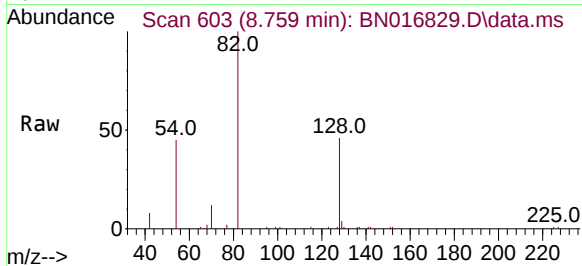




#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016829.D
Acq: 08 Oct 2021 05:44

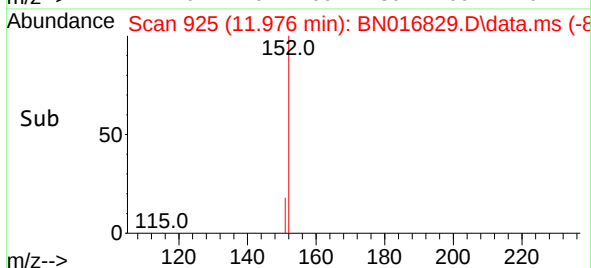
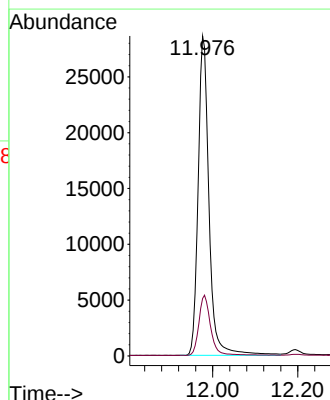
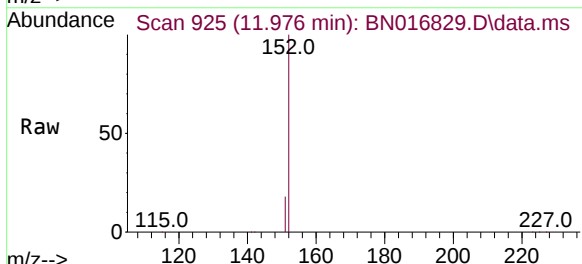
Instrument :
BNA_N
ClientSampleId :
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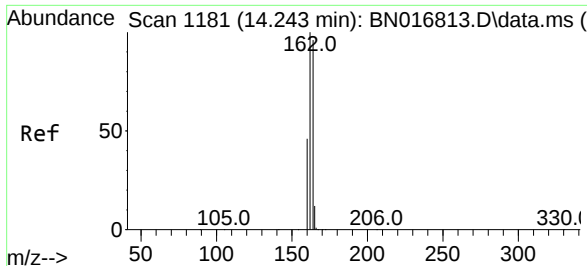
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	33.8	50.6
54	45.2	38.5	57.7



#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016829.D
Acq: 08 Oct 2021 05:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

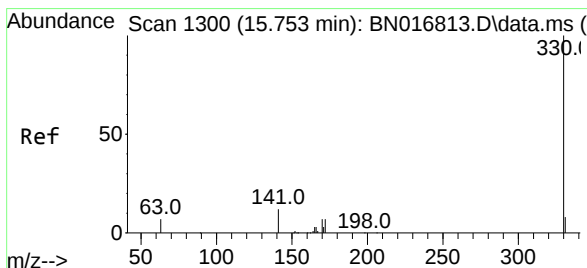
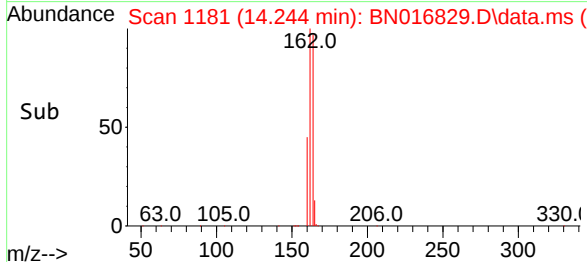
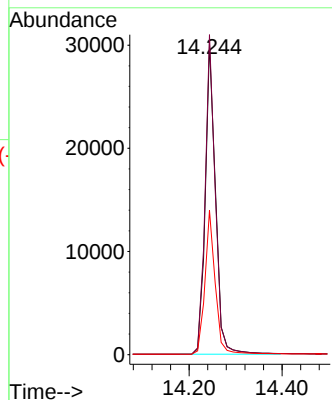
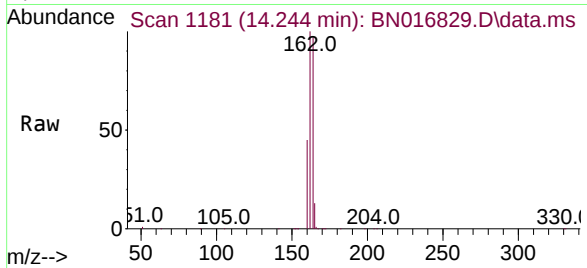




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.244 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016829.D
Acq: 08 Oct 2021 05:44

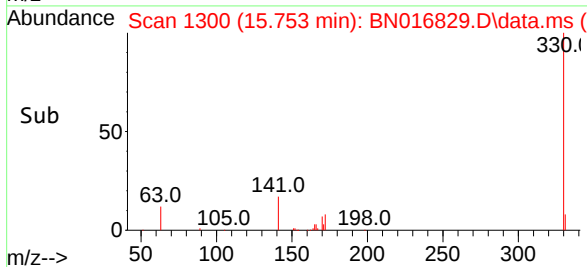
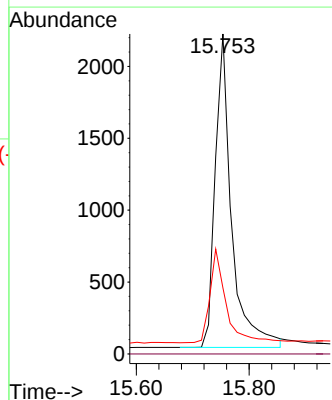
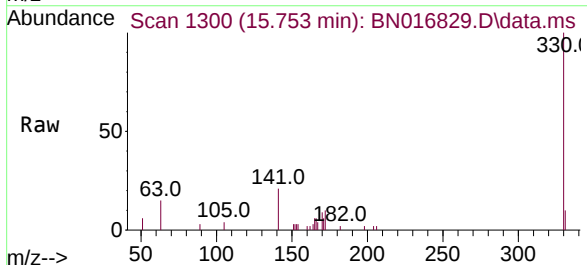
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ClientSampleId :
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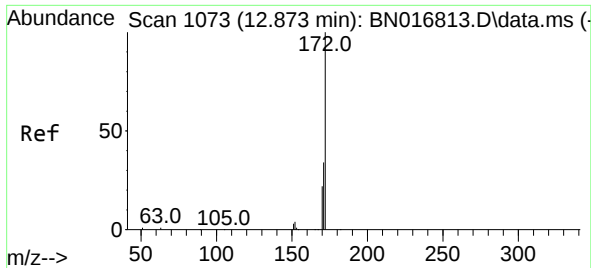
Tgt Ion:164 Resp: 46607
Ion Ratio Lower Upper
164 100
162 102.8 82.6 124.0
160 46.4 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN016829.D
Acq: 08 Oct 2021 05:44

Tgt Ion:330 Resp: 4382
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.3 24.2 36.2

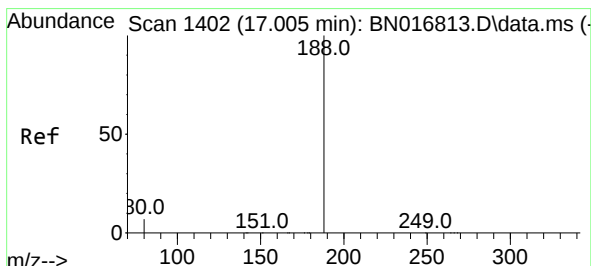
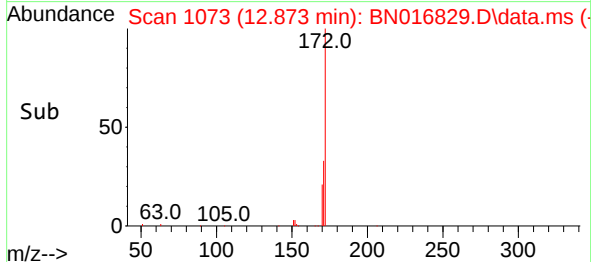
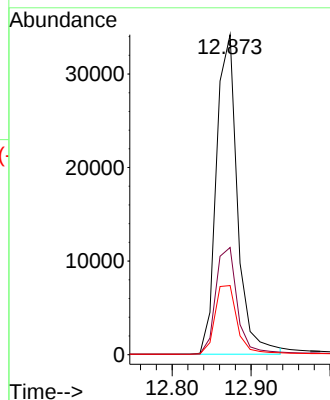
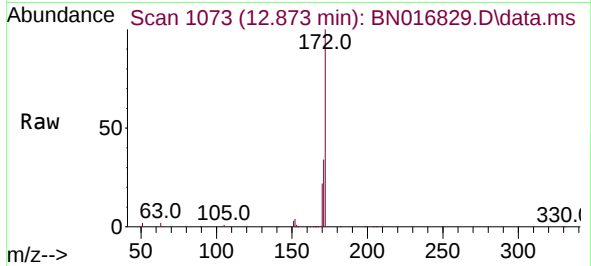




#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.873 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN016829.D
Acq: 08 Oct 2021 05:44

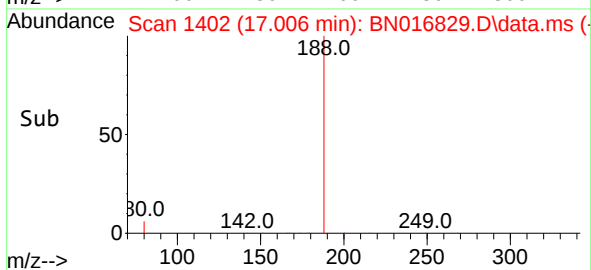
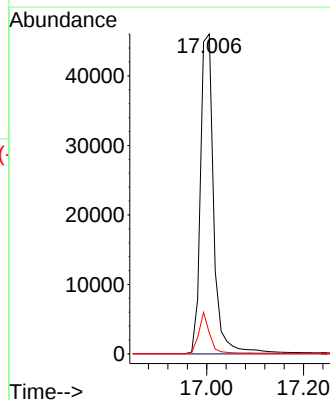
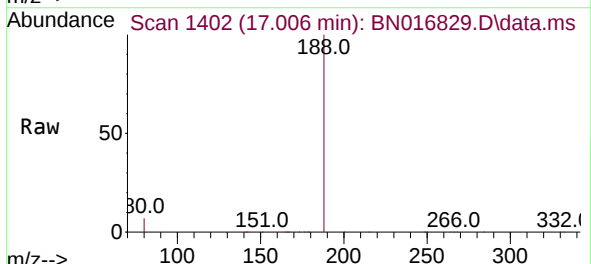
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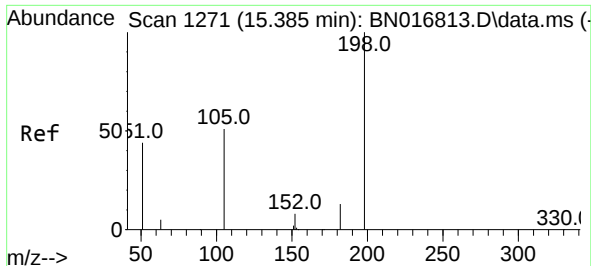
Tgt Ion:	172	Resp:	63240
Ion Ratio	Lower	Upper	
172	100		
171	33.5	26.9	40.3
170	21.6	17.4	26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.006 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN016829.D
Acq: 08 Oct 2021 05:44

Tgt Ion:	188	Resp:	87792
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.5	5.8	8.8

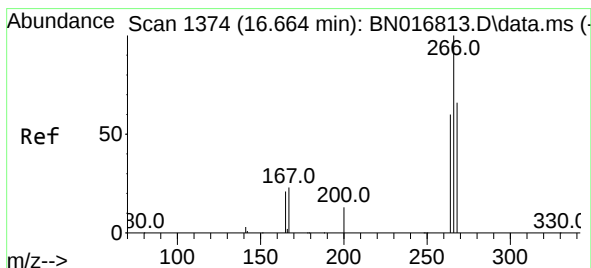
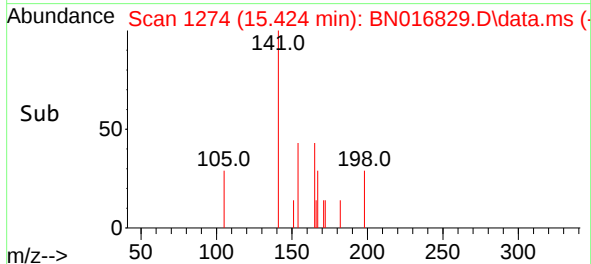
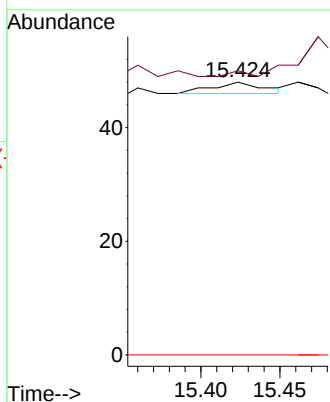
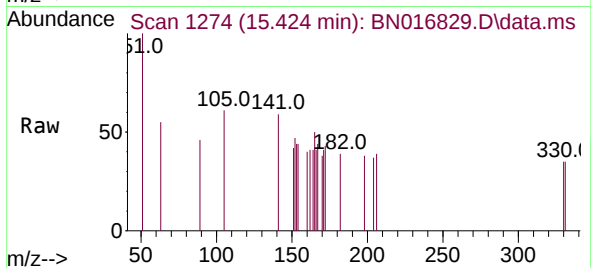




#20
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 15.424 min Scan# 1274
Delta R.T. 0.039 min
Lab File: BN016829.D
Acq: 08 Oct 2021 05:44

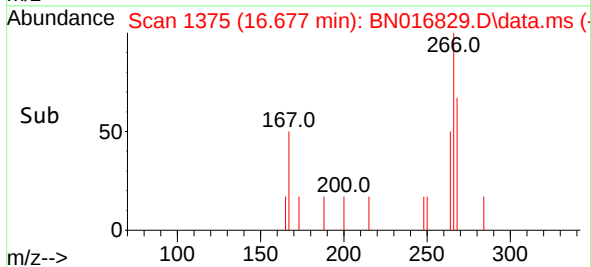
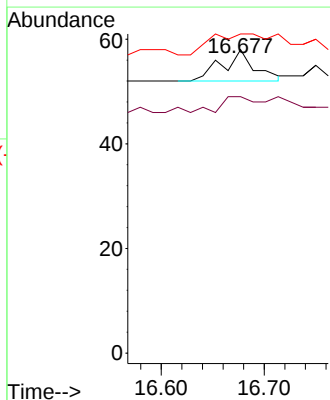
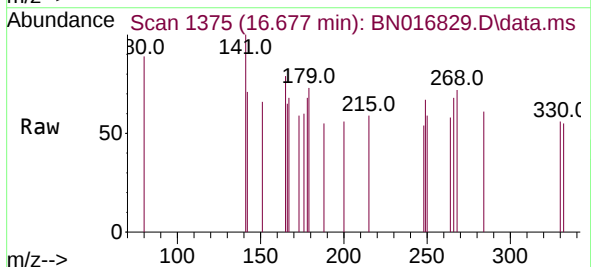
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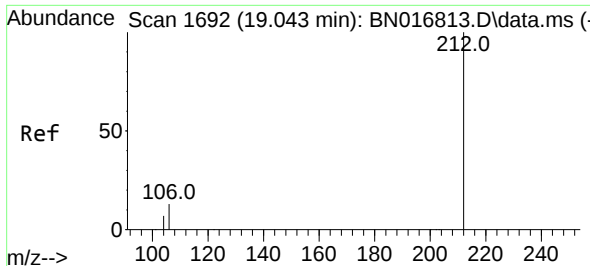
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 104.2 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.104 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.013 min
Lab File: BN016829.D
Acq: 08 Oct 2021 05:44

Tgt Ion:266 Resp: 13
Ion Ratio Lower Upper
266 100
264 61.5 49.3 73.9
268 0.0 51.8 77.8#

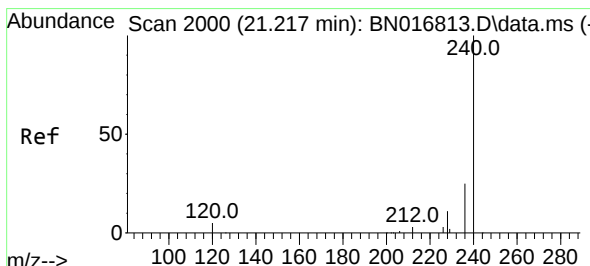
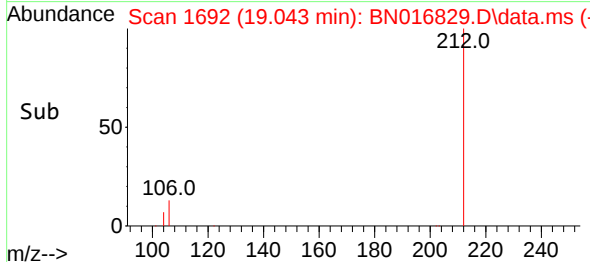
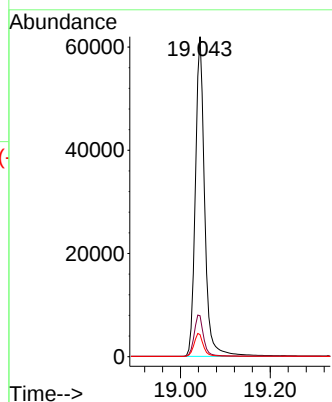
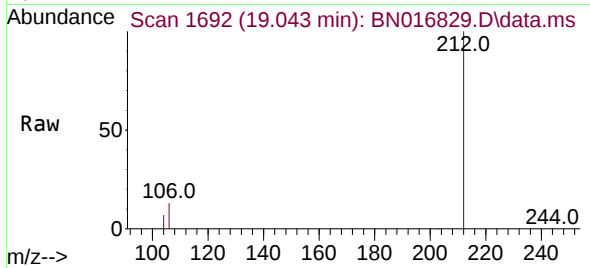




#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016829.D
Acq: 08 Oct 2021 05:44

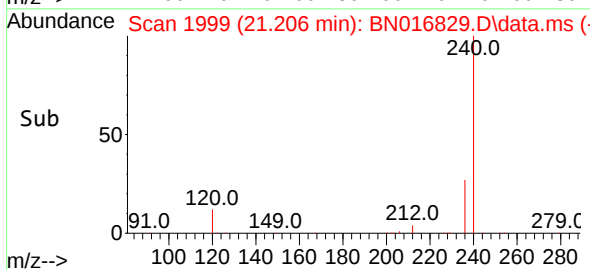
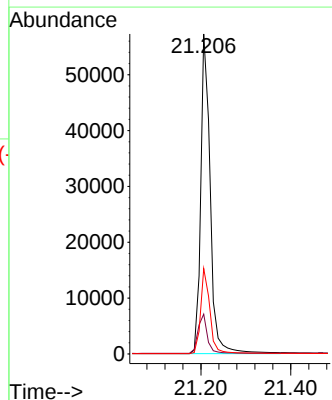
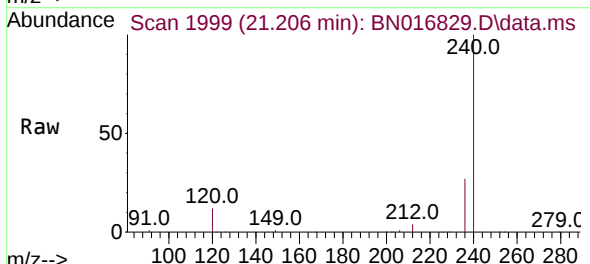
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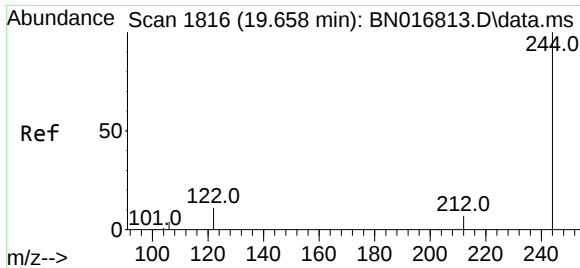
Tgt Ion:212 Resp: 89929
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.2 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.010 min
Lab File: BN016829.D
Acq: 08 Oct 2021 05:44

Tgt Ion:240 Resp: 84204
Ion Ratio Lower Upper
240 100
120 12.5 6.6 10.0#
236 26.7 20.7 31.1

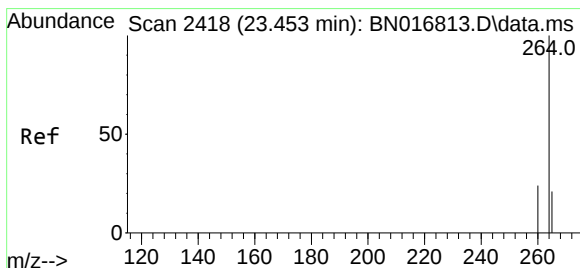
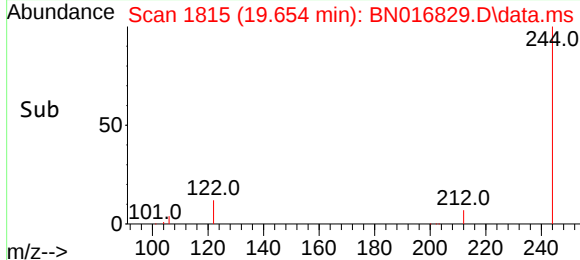
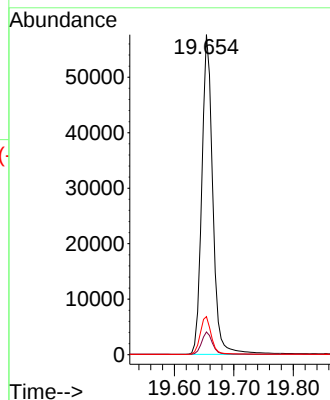
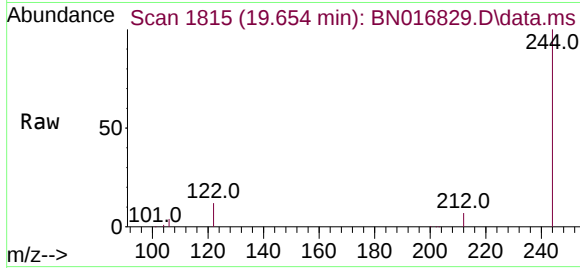




#31
 Terphenyl-d14
 Concen: 0.403 ng
 RT: 19.654 min Scan# 1815
 Delta R.T. -0.005 min
 Lab File: BN016829.D
 Acq: 08 Oct 2021 05:44

Instrument :
 BNA_N
 ClientSampleId :
 PB139626BL

Tgt Ion:244 Resp: 74013
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.9 8.9 13.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.450 min Scan# 2417
 Delta R.T. -0.003 min
 Lab File: BN016829.D
 Acq: 08 Oct 2021 05:44

Tgt Ion:264 Resp: 93323
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.6
 265 23.3 20.3 30.5

