

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101221\
 Data File : BN016897.D
 Acq On : 12 Oct 2021 11:15
 Operator : CG/JU
 Sample : PB139657BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 11:54:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 12 02:31:22 2021
 Response via : Initial Calibration

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

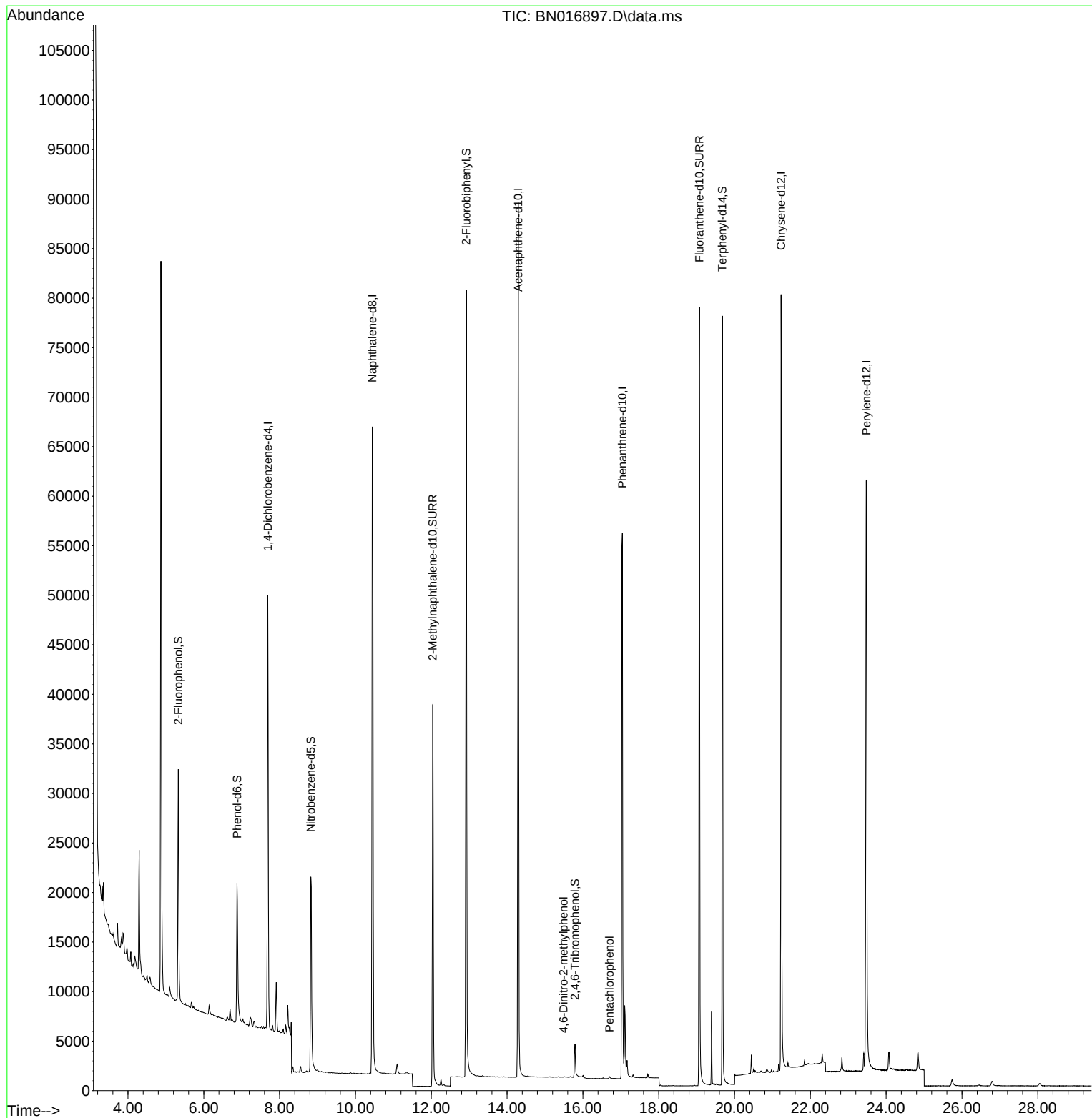
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	22284	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	98496	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	50209	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	91439	0.400	ng	0.00
29) Chrysene-d12	21.227	240	83250	0.400	ng	#-0.01
35) Perylene-d12	23.478	264	85574	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.328	112	20206	0.354	ng	0.03
5) Phenol-d6	6.877	99	16664	0.260	ng	0.00
8) Nitrobenzene-d5	8.822	82	20613	0.310	ng	-0.01
11) 2-Methylnaphthalene-d10	12.038	152	56906	0.399	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3397	0.140	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	72003	0.375	ng	0.00
27) Fluoranthene-d10	19.073	212	94211	0.393	ng	0.00
31) Terphenyl-d14	19.679	244	81622	0.431	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.487	198	14	0.190	ng	# 1
24) Pentachlorophenol	16.701	266	158	0.163	ng	90

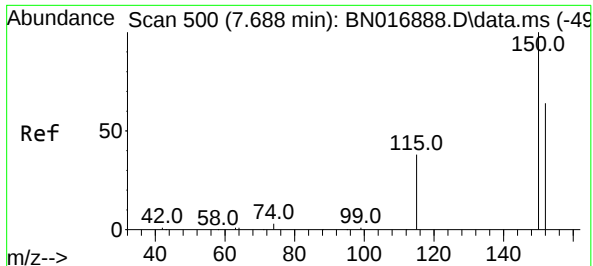
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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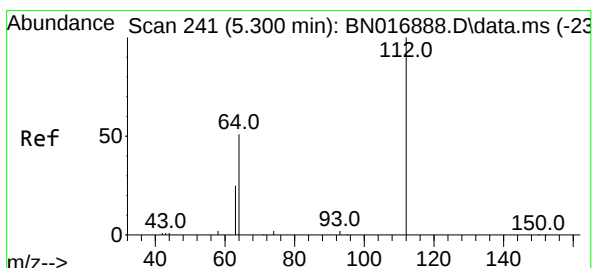
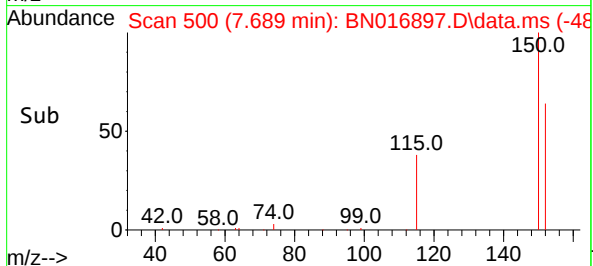
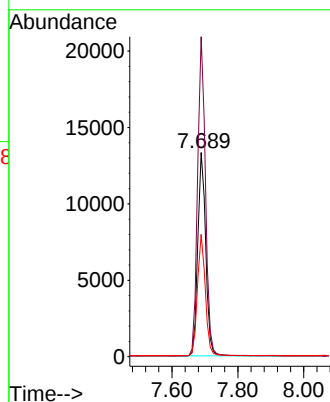
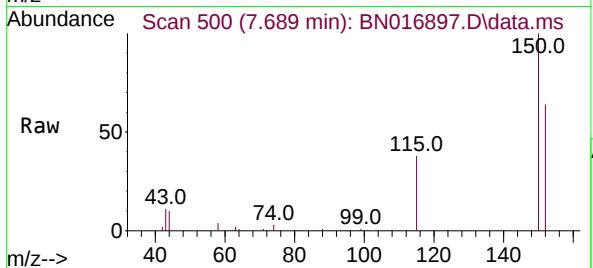


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 500
 Delta R.T. 0.001 min
 Lab File: BN016897.D
 Acq: 12 Oct 2021 11:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:152 Resp: 22284

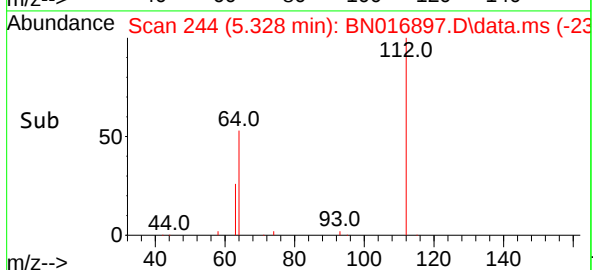
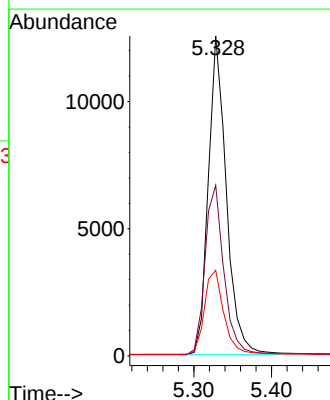
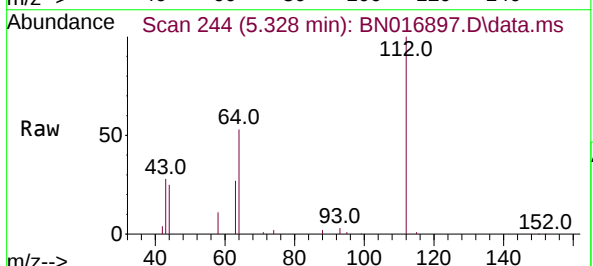
Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.4
115	59.9	47.0	70.6

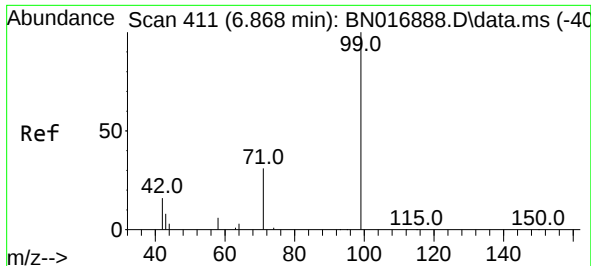


#4
 2-Fluorophenol
 Concen: 0.354 ng
 RT: 5.328 min Scan# 244
 Delta R.T. 0.028 min
 Lab File: BN016897.D
 Acq: 12 Oct 2021 11:15

Tgt Ion:112 Resp: 20206

Ion	Ratio	Lower	Upper
112	100		
64	55.7	44.5	66.7
63	28.3	22.1	33.1

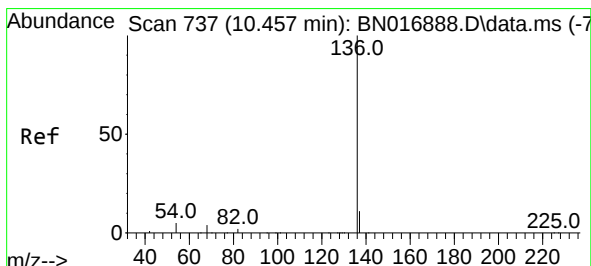
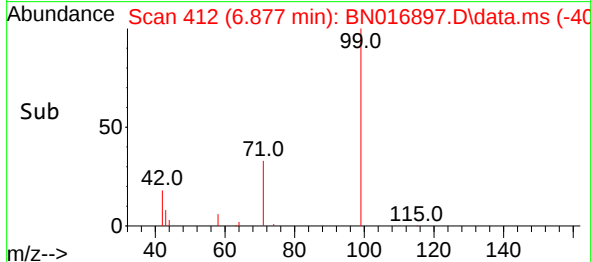
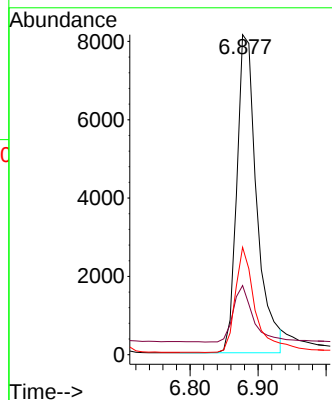
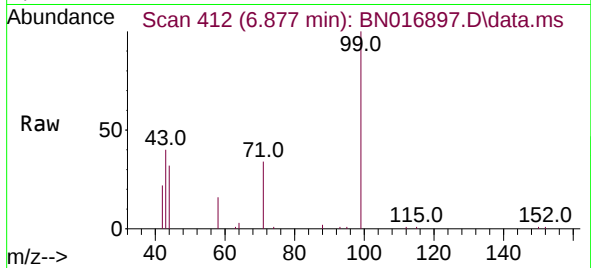




#5
Phenol-d6
Concen: 0.260 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016897.D
Acq: 12 Oct 2021 11:15

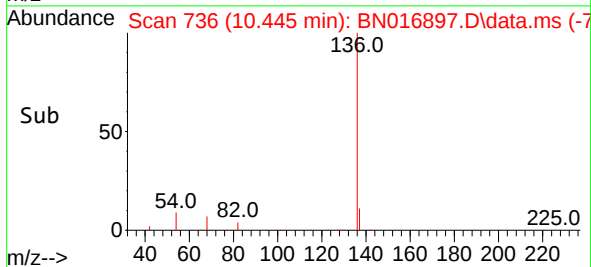
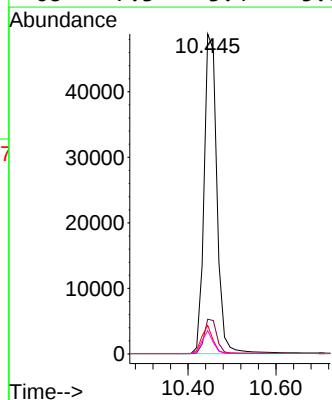
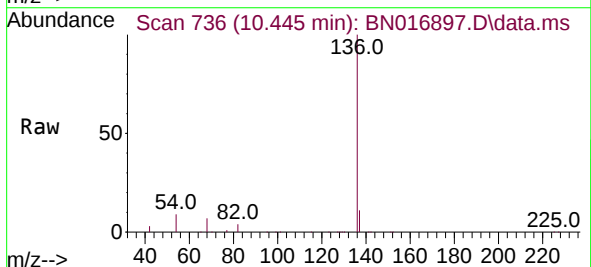
Instrument :
MSVOA_X
ClientSampleId :

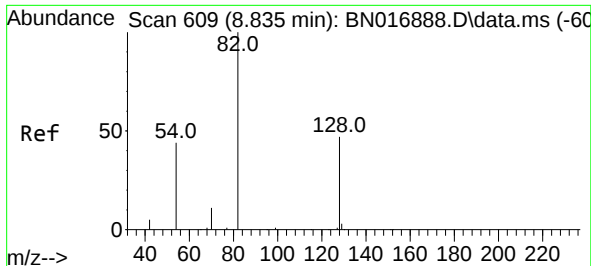
Tgt Ion: 99 Resp: 16664
Ion Ratio Lower Upper
99 100
42 17.2 13.9 20.9
71 31.9 24.5 36.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.013 min
Lab File: BN016897.D
Acq: 12 Oct 2021 11:15

Tgt Ion: 136 Resp: 98496
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.0 3.8 5.6#
68 7.3 3.4 5.0#

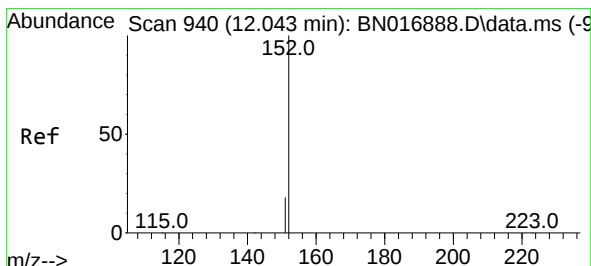
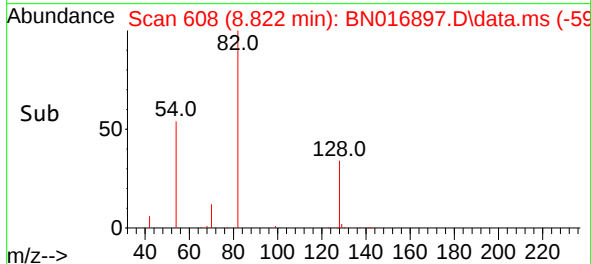
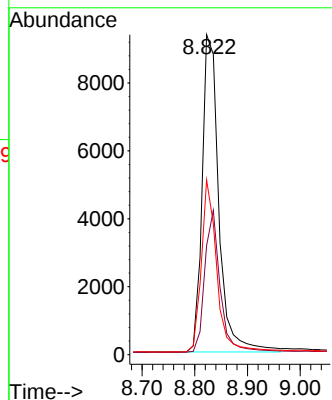
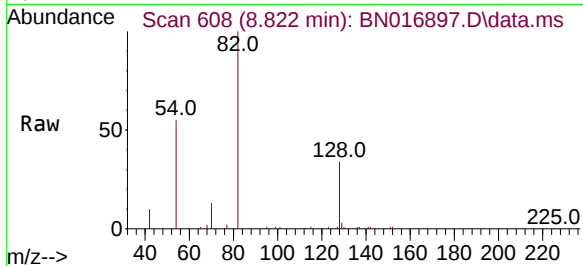




#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.013 min
Lab File: BN016897.D
Acq: 12 Oct 2021 11:15

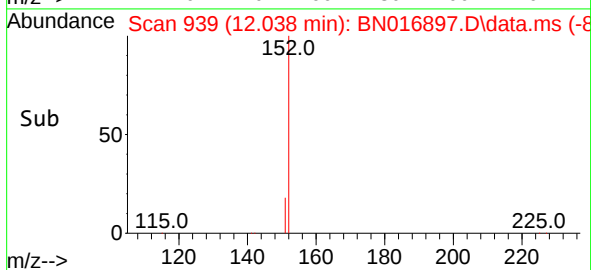
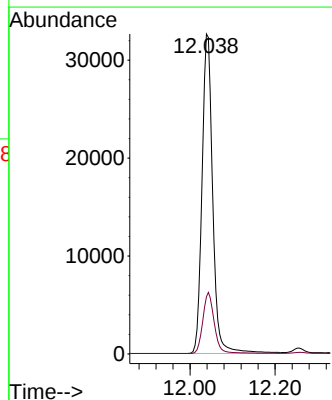
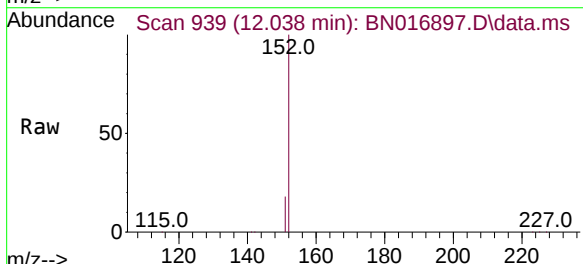
Instrument :
MSVOA_X
ClientSampleId :

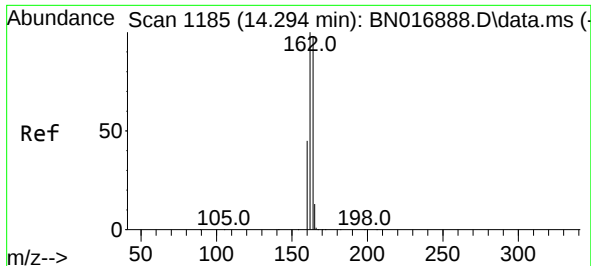
Tgt Ion: 82 Resp: 20613
Ion Ratio Lower Upper
82 100
128 34.1 37.8 56.6#
54 54.6 35.3 52.9#



#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.004 min
Lab File: BN016897.D
Acq: 12 Oct 2021 11:15

Tgt Ion: 152 Resp: 56906
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5

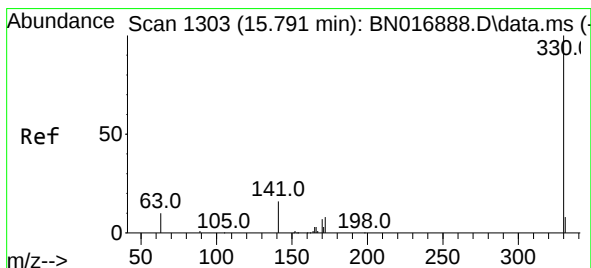
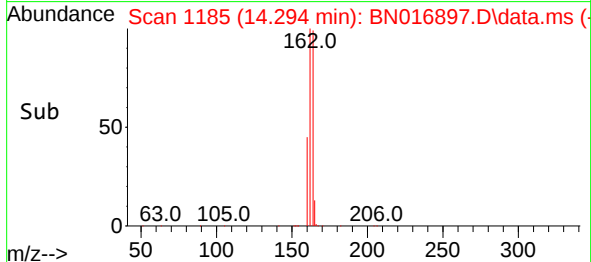
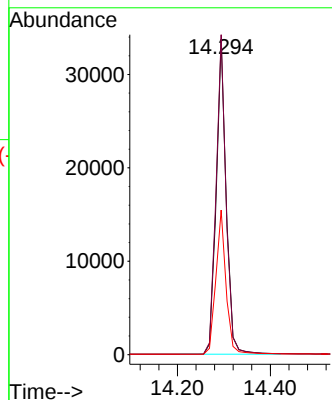
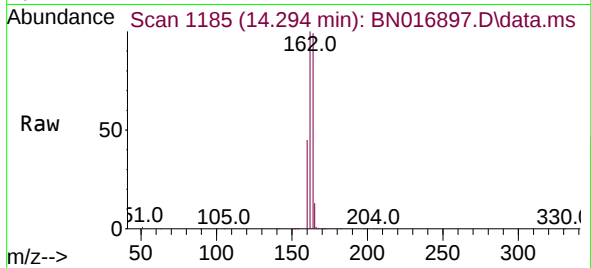




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016897.D
Acq: 12 Oct 2021 11:15

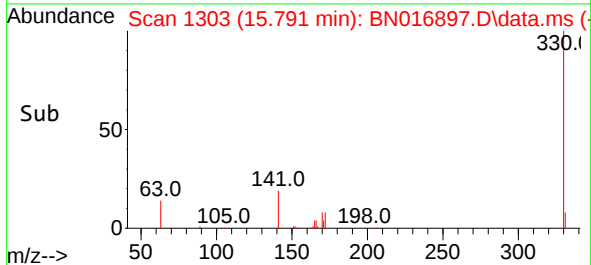
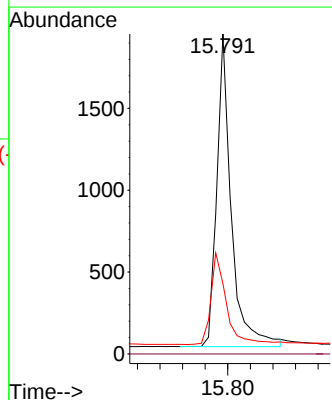
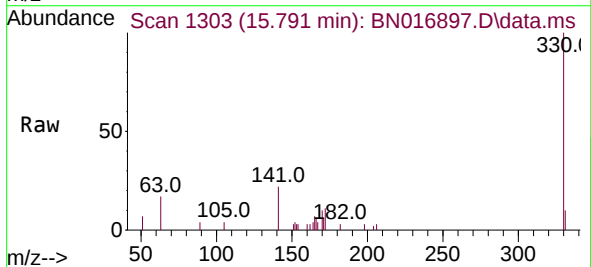
Instrument :
MSVOA_X
ClientSampleId :

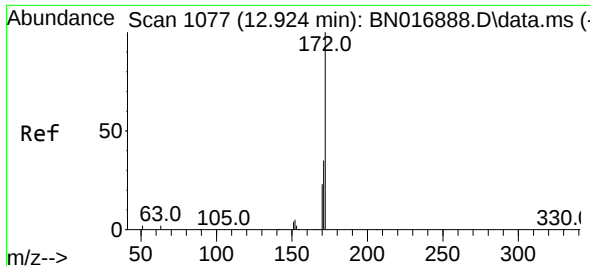
Tgt Ion:164 Resp: 50209
Ion Ratio Lower Upper
164 100
162 101.4 81.8 122.8
160 45.8 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.140 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016897.D
Acq: 12 Oct 2021 11:15

Tgt Ion:330 Resp: 3397
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.2 24.3 36.5

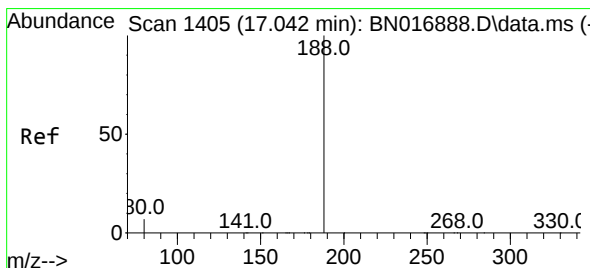
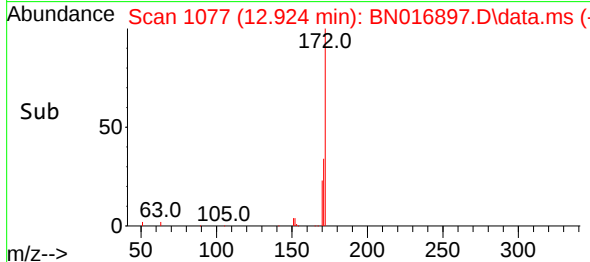
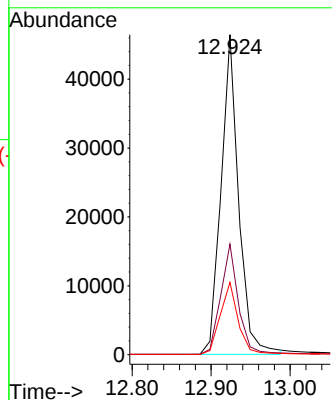
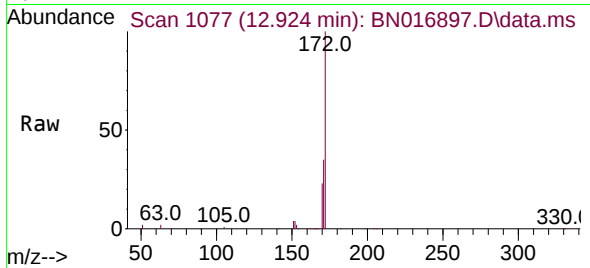




#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016897.D
Acq: 12 Oct 2021 11:15

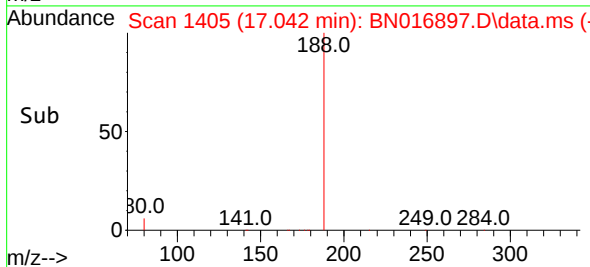
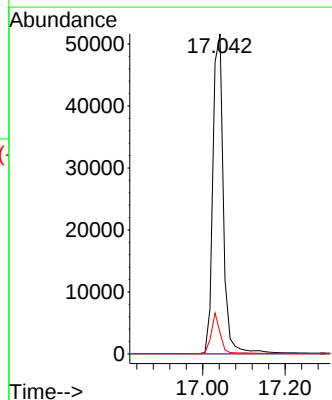
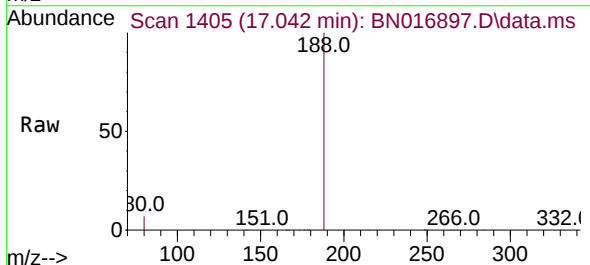
Instrument :
MSVOA_X
ClientSampleId :

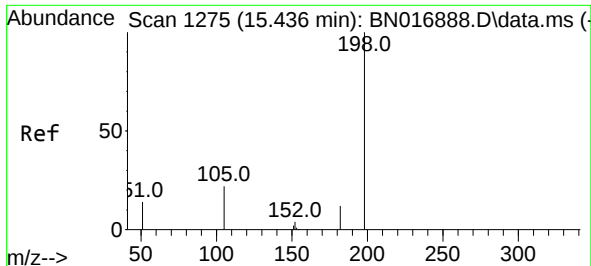
Tgt Ion:172 Resp: 72003
Ion Ratio Lower Upper
172 100
171 34.5 27.7 41.5
170 22.6 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016897.D
Acq: 12 Oct 2021 11:15

Tgt Ion:188 Resp: 91439
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 5.4 8.2

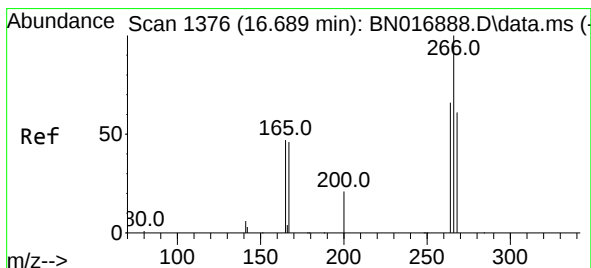
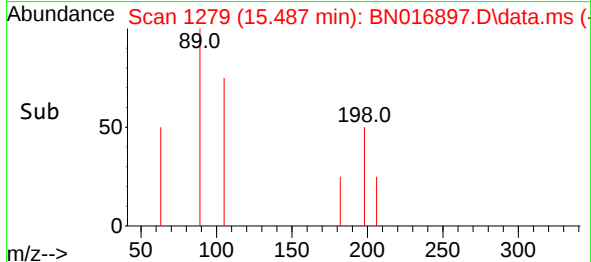
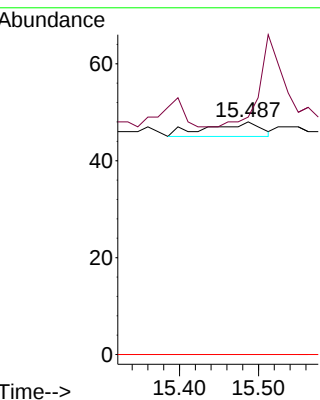
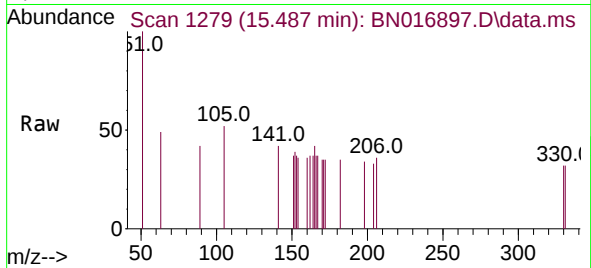




#20
4,6-Dinitro-2-methylphenol
Concen: 0.190 ng
RT: 15.487 min Scan# 1279
Delta R.T. 0.051 min
Lab File: BN016897.D
Acq: 12 Oct 2021 11:15

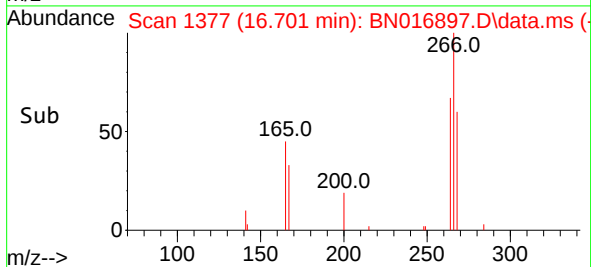
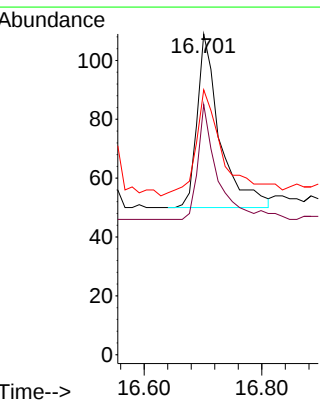
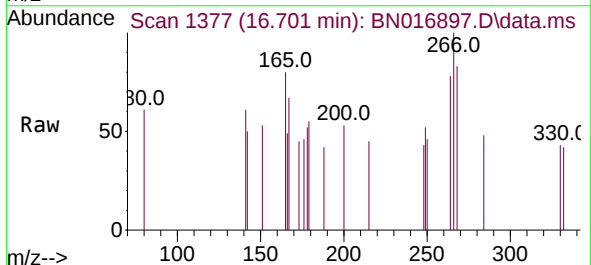
Instrument :
MSVOA_X
ClientSampled :

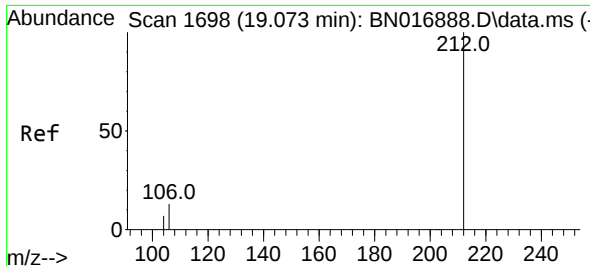
Tgt Ion:	198	Resp:	14
Ion Ratio	Lower	Upper	
198	100		
182	102.1	11.1	16.7#
77	0.0	0.0	0.0



#24
Pentachlorophenol
Concen: 0.163 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BN016897.D
Acq: 12 Oct 2021 11:15

Tgt Ion:	266	Resp:	158
Ion Ratio	Lower	Upper	
266	100		
264	57.6	50.6	76.0
268	74.7	51.3	76.9

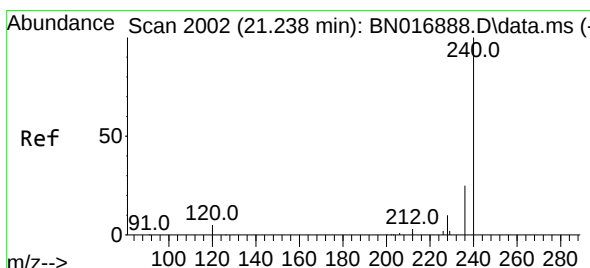
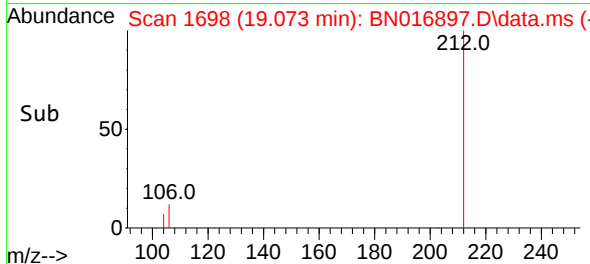
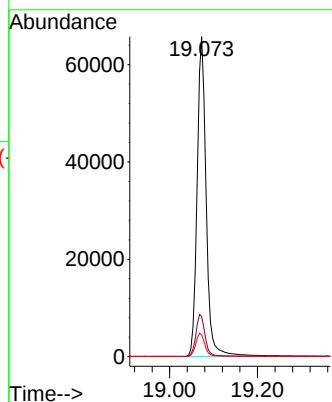
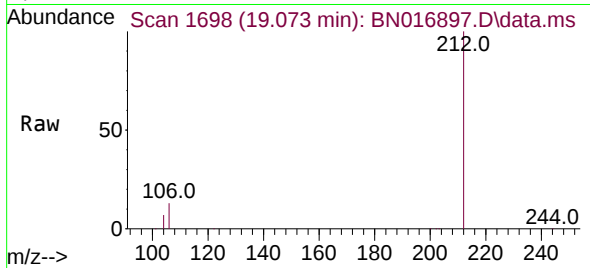




#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN016897.D
Acq: 12 Oct 2021 11:15

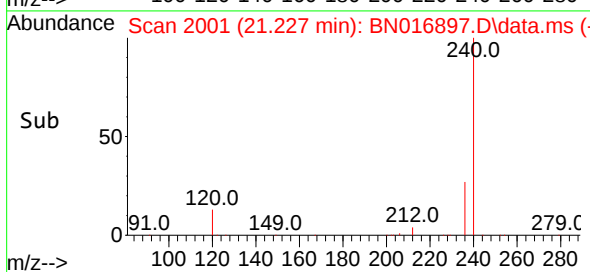
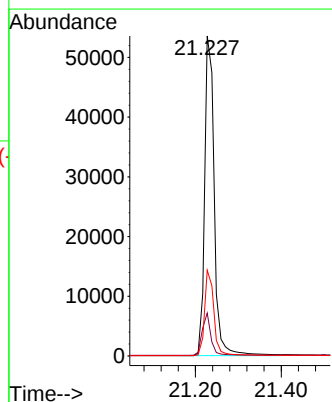
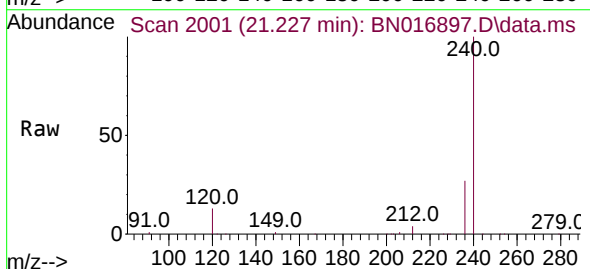
Instrument :
MSVOA_X
ClientSampleId :

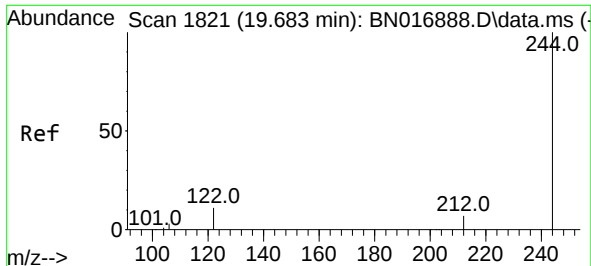
Tgt Ion:212 Resp: 94211
Ion Ratio Lower Upper
212 100
106 13.4 10.8 16.2
104 7.4 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.011 min
Lab File: BN016897.D
Acq: 12 Oct 2021 11:15

Tgt Ion:240 Resp: 83250
Ion Ratio Lower Upper
240 100
120 13.4 4.1 6.1#
236 26.8 20.1 30.1

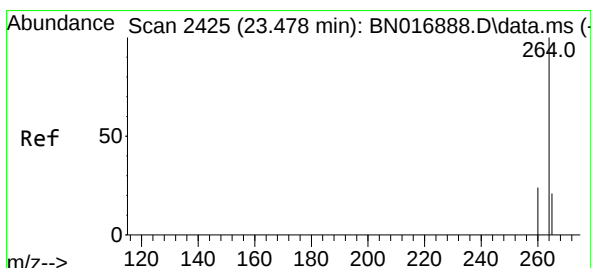
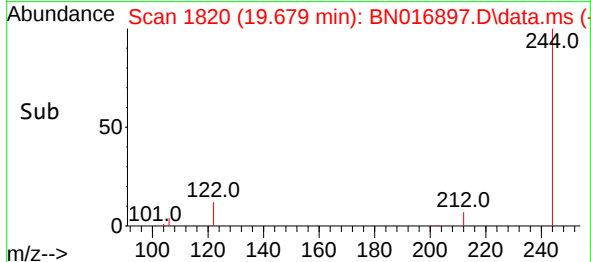
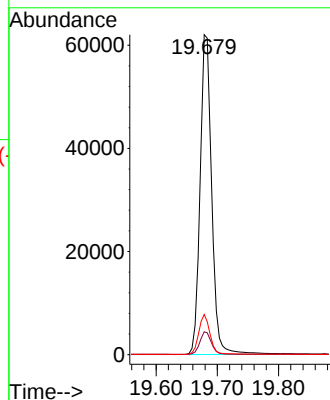
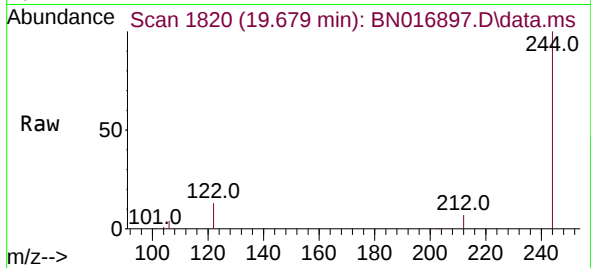




#31
Terphenyl-d14
Concen: 0.431 ng
RT: 19.679 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016897.D
Acq: 12 Oct 2021 11:15

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:244 Resp: 81622
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 12.5 8.6 13.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.478 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BN016897.D
Acq: 12 Oct 2021 11:15

Tgt Ion:264 Resp: 85574
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 23.8 19.2 28.8

