

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016716.D
 Acq On : 04 Oct 2021 18:58
 Operator : CG/JU
 Sample : PB139585BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139585BL

Quant Time: Oct 05 03:34:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

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

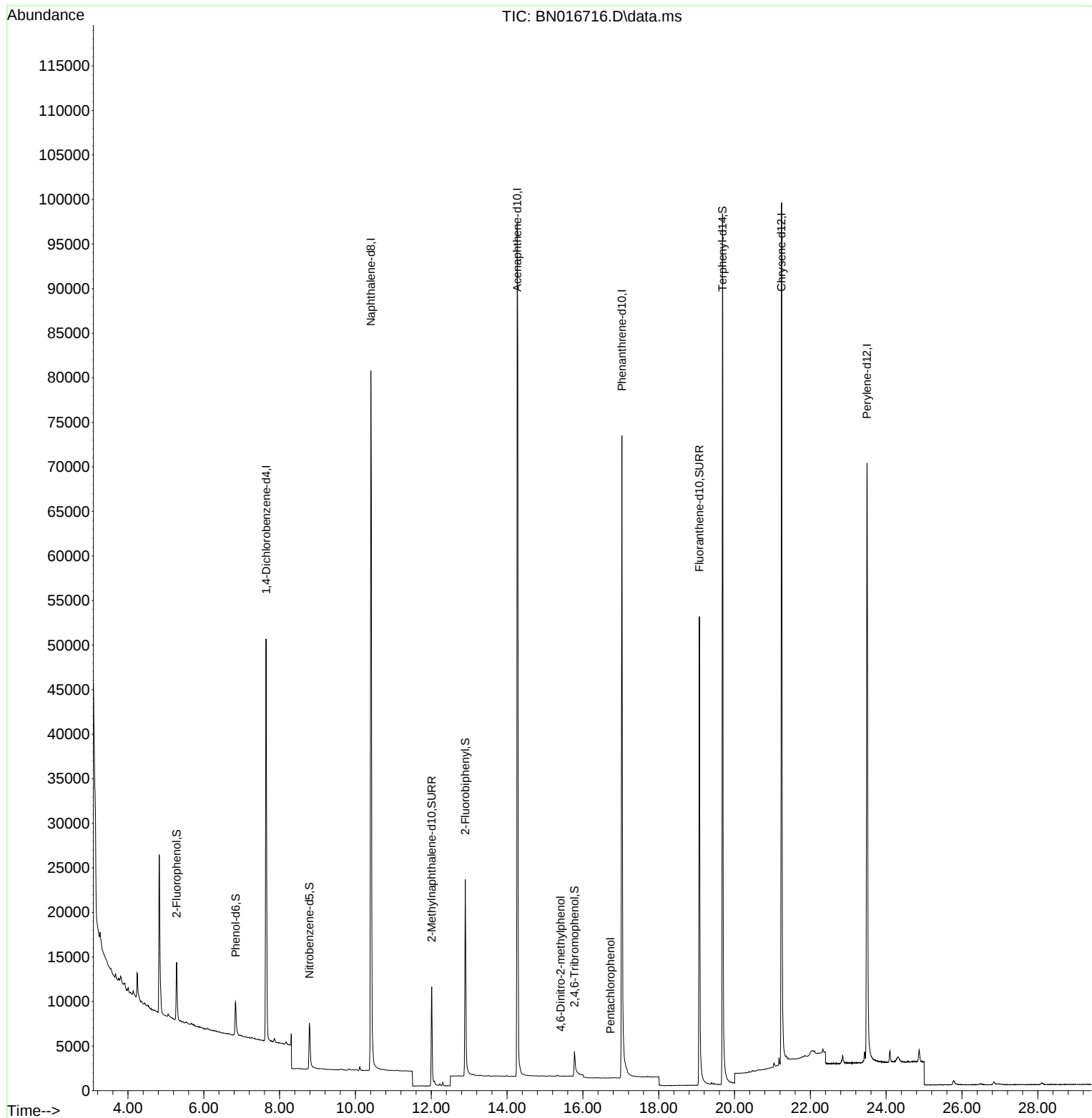
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	26368	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	119188	0.400	ng	0.00
13) Acenaphthene-d10	14.268	164	63649	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	113773	0.400	ng	0.00
29) Chrysene-d12	21.238	240	100338	0.400	ng	# 0.00
35) Perylene-d12	23.494	264	97925	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	6768	0.101	ng	0.03
5) Phenol-d6	6.840	99	5279	0.071	ng	0.02
8) Nitrobenzene-d5	8.784	82	6213	0.074	ng	0.00
11) 2-Methylnaphthalene-d10	12.011	152	18051	0.102	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	4033	0.227	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	22047	0.087	ng	0.00
27) Fluoranthene-d10	19.073	212	74295	0.239	ng	0.00
31) Terphenyl-d14	19.683	244	113233	0.504	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.410	198	2	0.266	ng	# 1
24) Pentachlorophenol	16.725	266	50	0.340	ng	# 58

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

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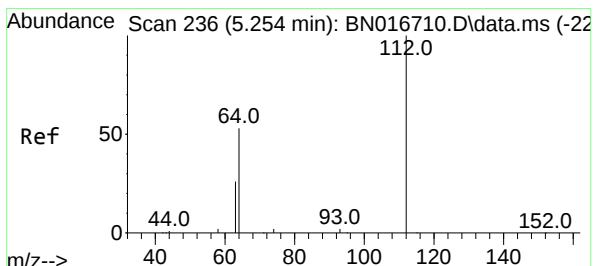
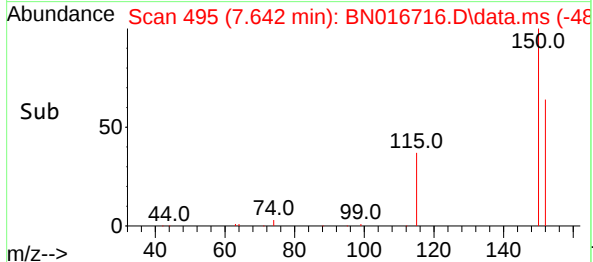
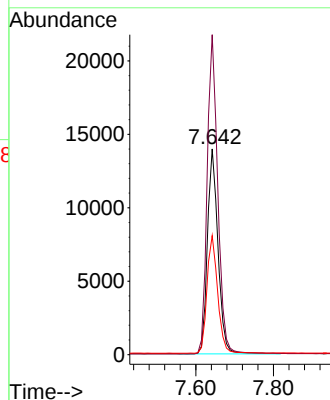
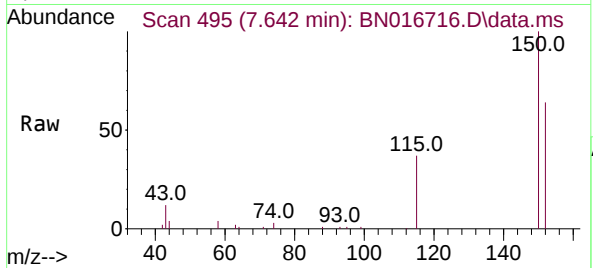




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016716.D
 Acq: 04 Oct 2021 18:58

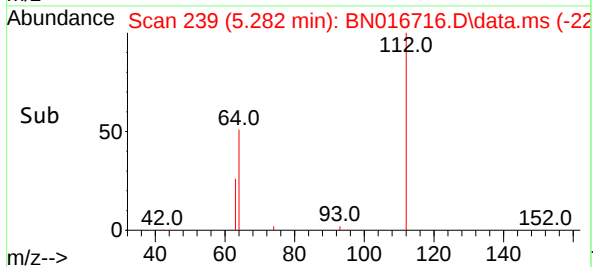
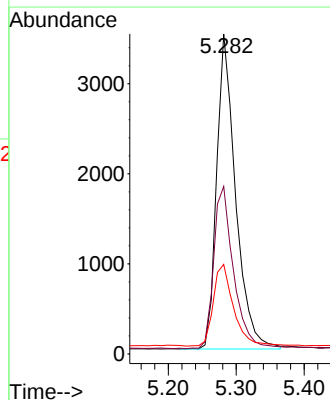
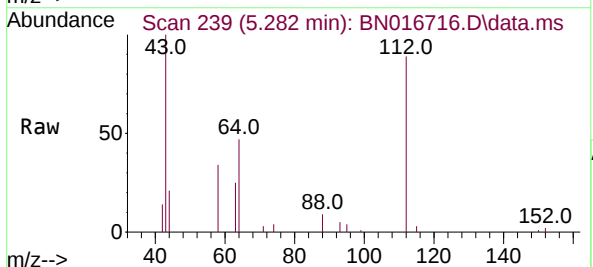
Instrument :
 BNA_N
 ClientSampleId :
 PB139585BL

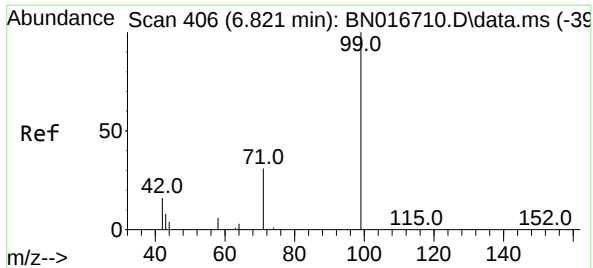
Tgt Ion:152 Resp: 26368
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.3 184.9
 115 57.8 47.0 70.6



#4
 2-Fluorophenol
 Concen: 0.101 ng
 RT: 5.282 min Scan# 239
 Delta R.T. 0.028 min
 Lab File: BN016716.D
 Acq: 04 Oct 2021 18:58

Tgt Ion:112 Resp: 6768
 Ion Ratio Lower Upper
 112 100
 64 53.7 42.9 64.3
 63 27.7 21.5 32.3

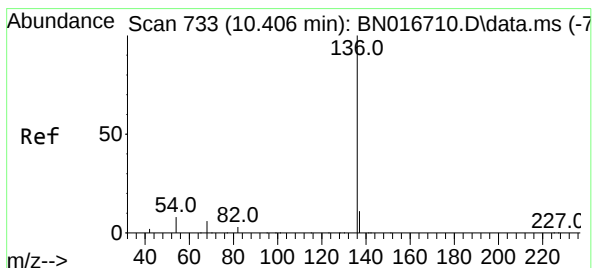
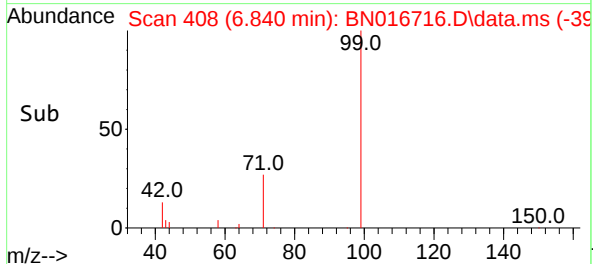
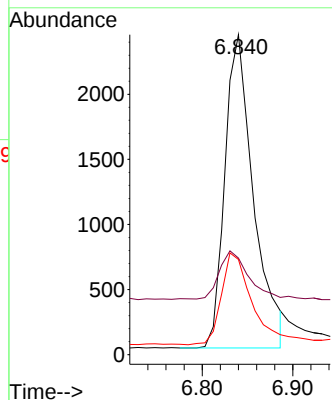
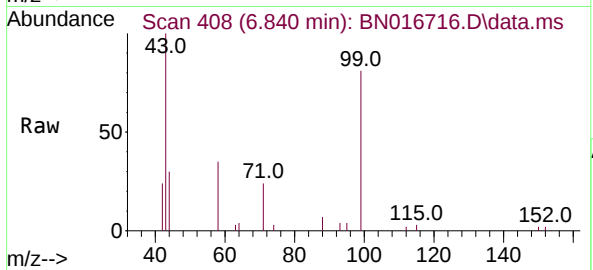




#5
Phenol-d6
Concen: 0.071 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.019 min
Lab File: BN016716.D
Acq: 04 Oct 2021 18:58

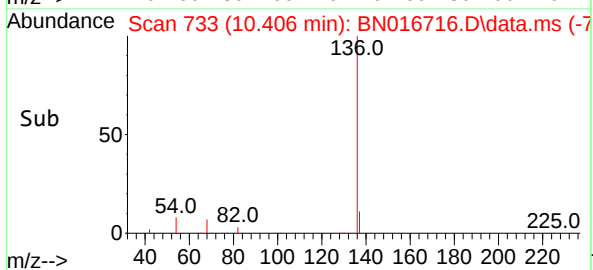
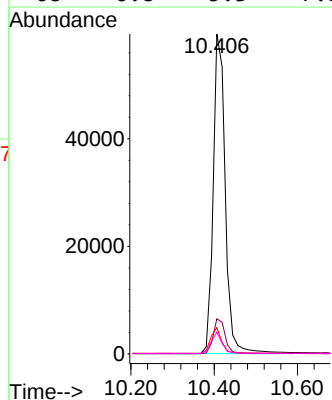
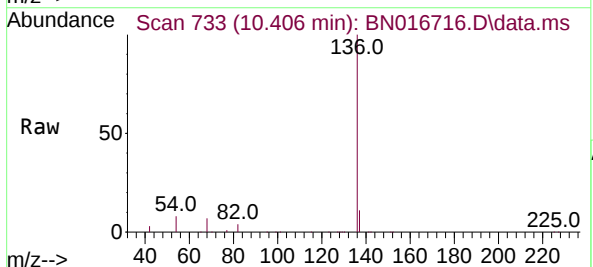
Instrument :
BNA_N
ClientSampleId :
PB139585BL

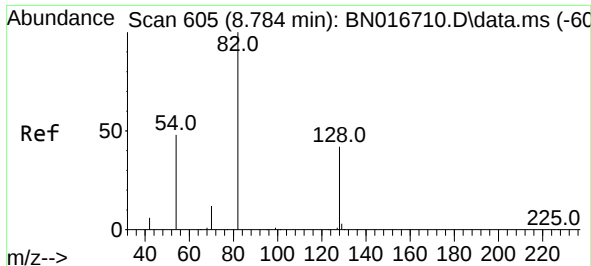
Tgt Ion: 99 Resp: 5279
Ion Ratio Lower Upper
99 100
42 15.6 13.4 20.2
71 30.6 24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016716.D
Acq: 04 Oct 2021 18:58

Tgt Ion: 136 Resp: 119188
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.3 6.5 9.7
68 6.8 5.3 7.9

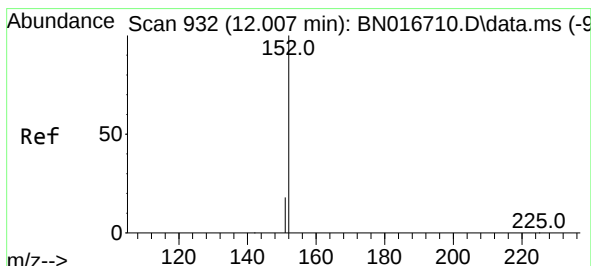
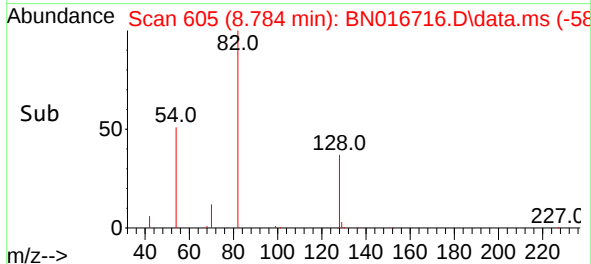
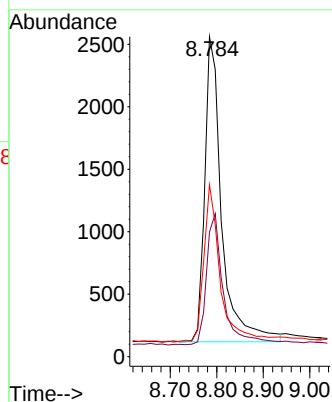
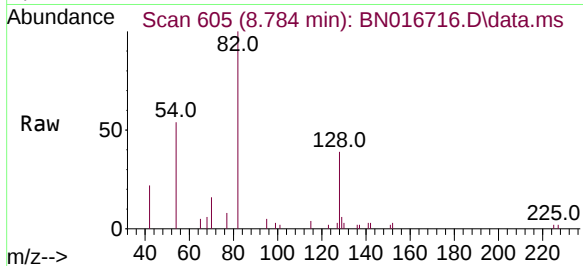




#8
Nitrobenzene-d5
Concen: 0.074 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016716.D
Acq: 04 Oct 2021 18:58

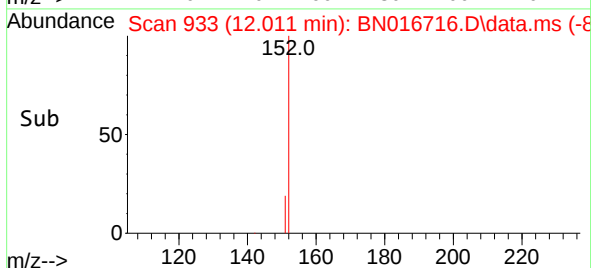
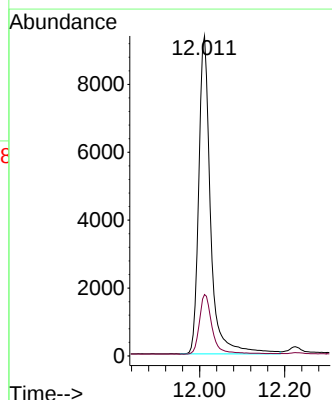
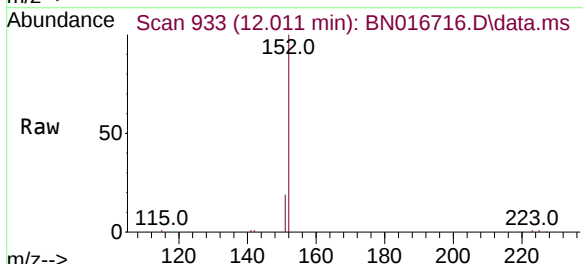
Instrument :
BNA_N
ClientSampleId :
PB139585BL

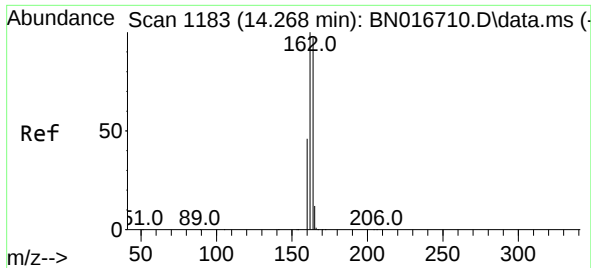
Tgt Ion:	82	Resp:	6213
Ion	Ratio	Lower	Upper
82	100		
128	38.9	33.8	50.6
54	53.8	38.5	57.7



#11
2-Methylnaphthalene-d10
Concen: 0.102 ng
RT: 12.011 min Scan# 933
Delta R.T. 0.005 min
Lab File: BN016716.D
Acq: 04 Oct 2021 18:58

Tgt Ion:	152	Resp:	18051
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

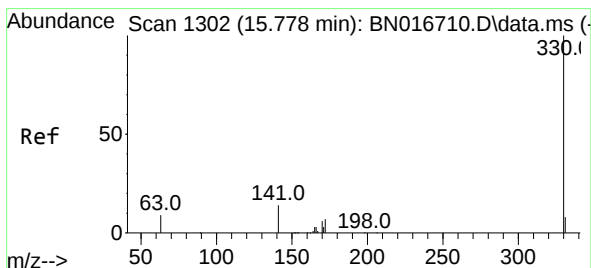
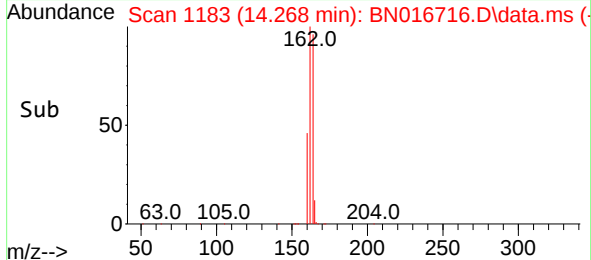
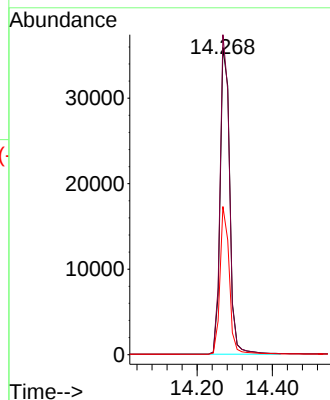
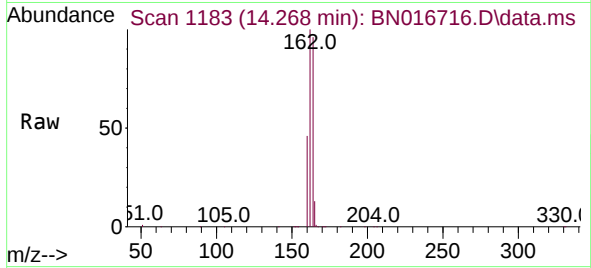




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016716.D
Acq: 04 Oct 2021 18:58

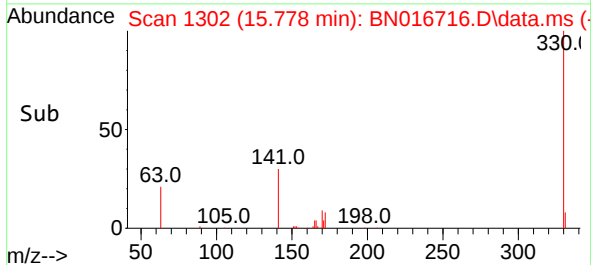
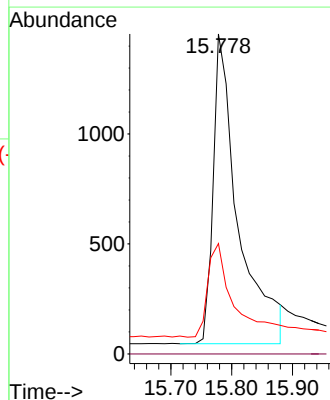
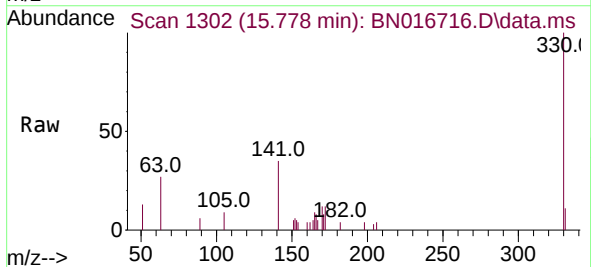
Instrument :
BNA_N
ClientSampleId :
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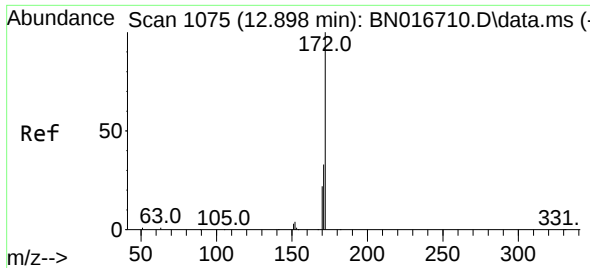
Tgt Ion:	164	Resp:	63649
Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	124.0
160	48.3	38.2	57.2



#14
2,4,6-Tribromophenol
Concen: 0.227 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016716.D
Acq: 04 Oct 2021 18:58

Tgt Ion:	330	Resp:	4033
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.6	24.2	36.2

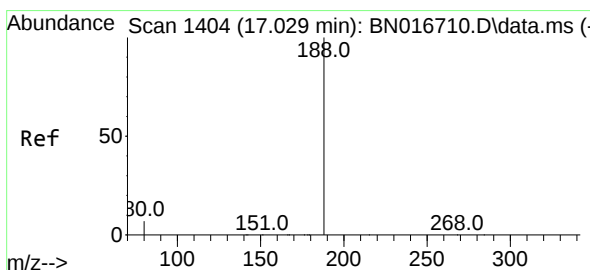
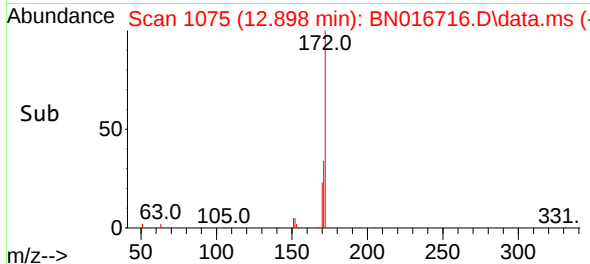
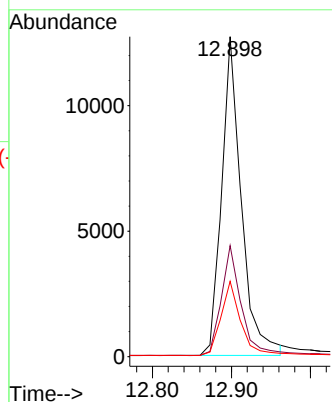
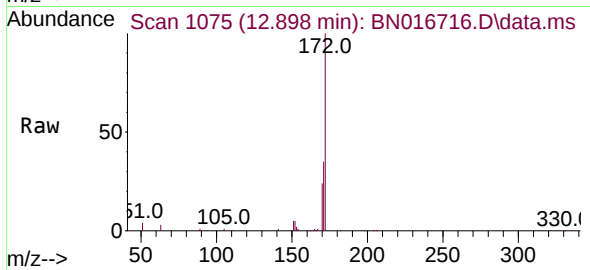




#15
2-Fluorobiphenyl
Concen: 0.087 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016716.D
Acq: 04 Oct 2021 18:58

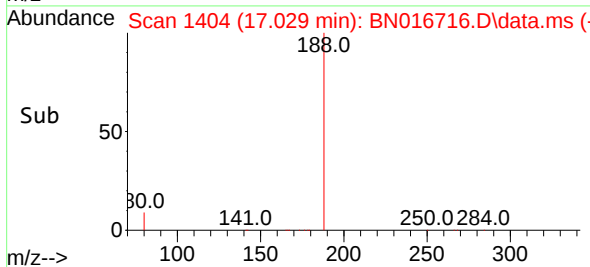
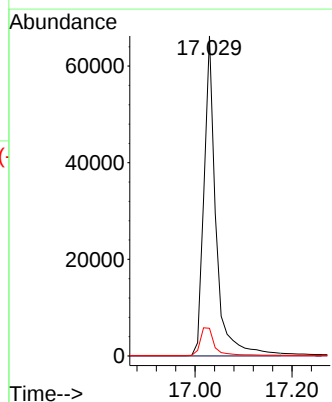
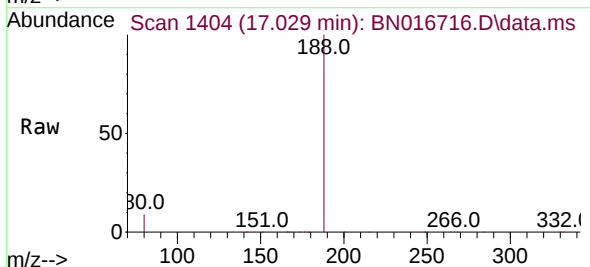
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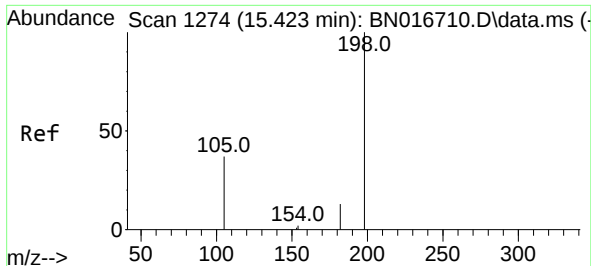
Tgt Ion:	172	Resp:	22047
Ion Ratio	Lower	Upper	
172	100		
171	34.7	26.9	40.3
170	23.5	17.4	26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016716.D
Acq: 04 Oct 2021 18:58

Tgt Ion:	188	Resp:	113773
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.6	5.8	8.8

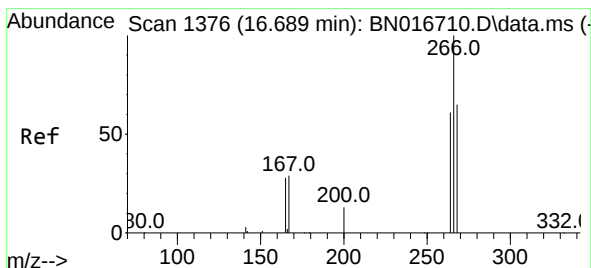
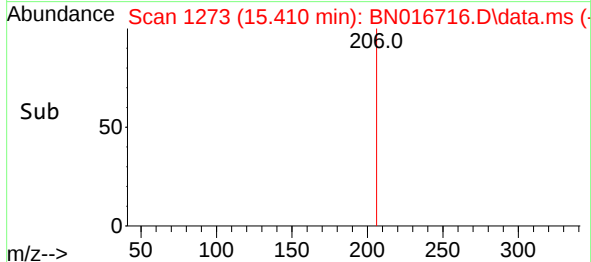
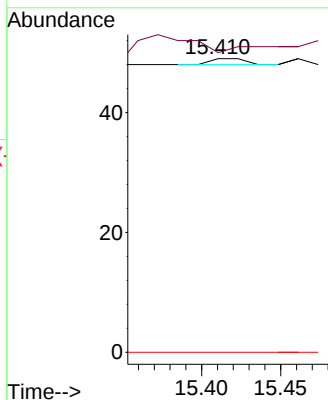
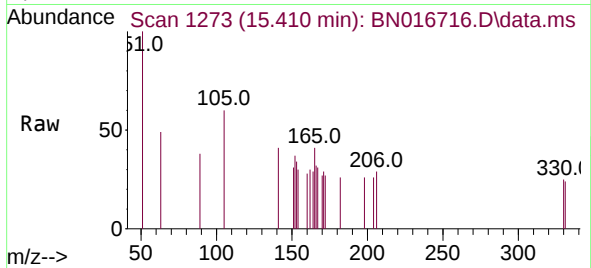




#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.410 min Scan# 1273
Delta R.T. -0.013 min
Lab File: BN016716.D
Acq: 04 Oct 2021 18:58

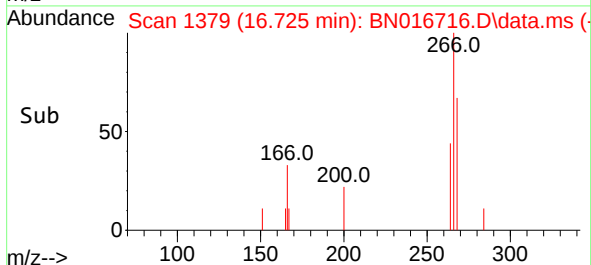
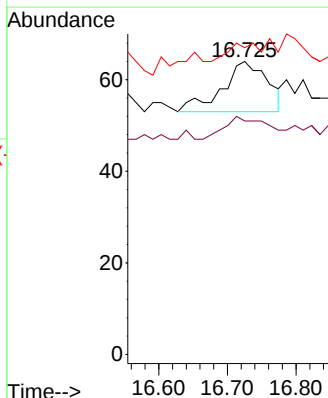
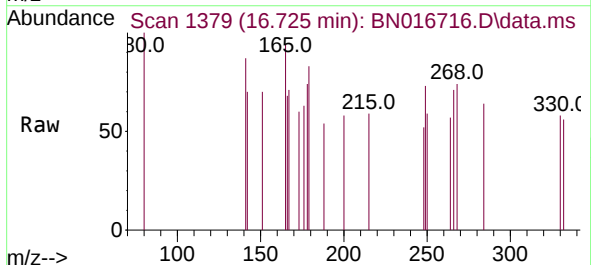
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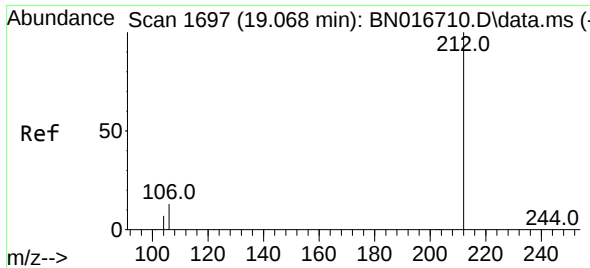
Tgt Ion:	198	Resp:	2
Ion	Ratio	Lower	Upper
198	100		
182	102.0	26.2	39.2#
77	0.0	0.0	0.0



#24
Pentachlorophenol
Concen: 0.340 ng
RT: 16.725 min Scan# 1379
Delta R.T. 0.036 min
Lab File: BN016716.D
Acq: 04 Oct 2021 18:58

Tgt Ion:	266	Resp:	50
Ion	Ratio	Lower	Upper
266	100		
264	44.0	49.3	73.9#
268	18.0	51.8	77.8#

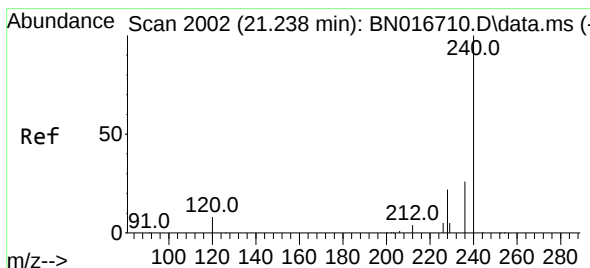
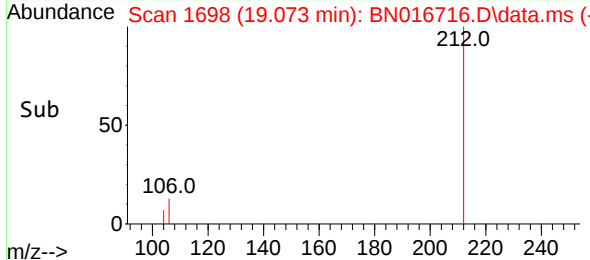
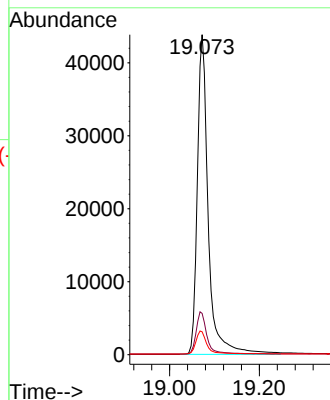
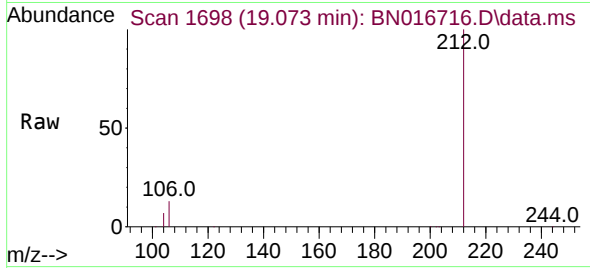




#27
Fluoranthene-d10
Concen: 0.239 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.005 min
Lab File: BN016716.D
Acq: 04 Oct 2021 18:58

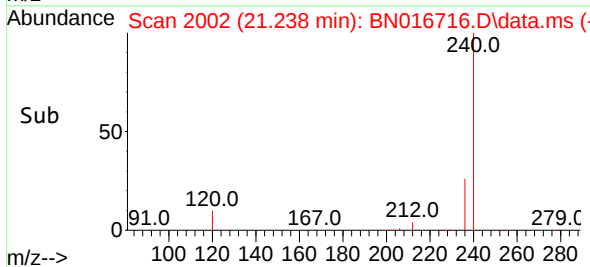
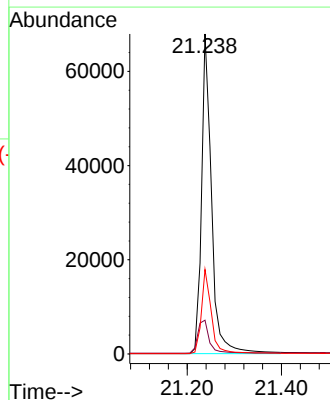
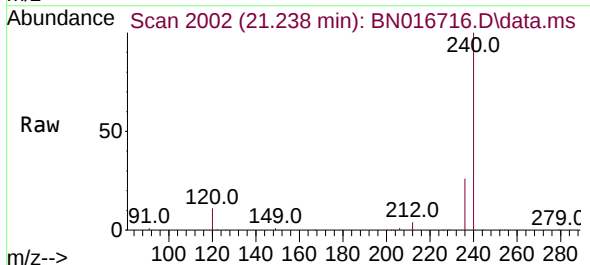
Instrument :
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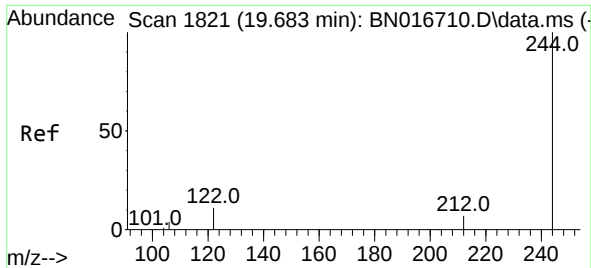
Tgt Ion:212 Resp: 74295
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.4 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016716.D
Acq: 04 Oct 2021 18:58

Tgt Ion:240 Resp: 100338
Ion Ratio Lower Upper
240 100
120 10.5 6.6 10.0#
236 26.4 20.7 31.1

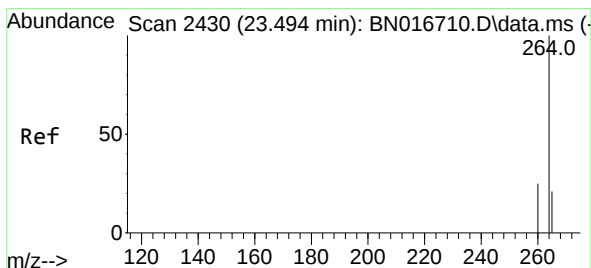
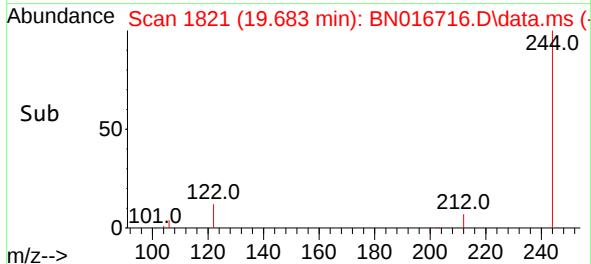
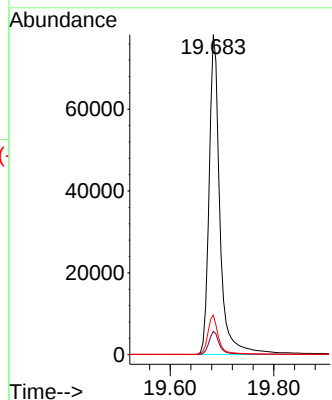
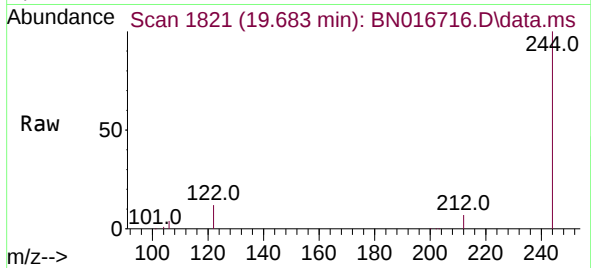




#31
Terphenyl-d14
Concen: 0.504 ng
RT: 19.683 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN016716.D
Acq: 04 Oct 2021 18:58

Instrument :
BNA_N
ClientSampleId :
PB139585BL

Tgt Ion:244 Resp: 113233
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 12.4 8.9 13.3



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.494 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN016716.D
Acq: 04 Oct 2021 18:58

Tgt Ion:264 Resp: 97925
Ion Ratio Lower Upper
264 100
260 24.8 19.8 29.6
265 24.9 20.3 30.5

