

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016717.D
 Acq On : 04 Oct 2021 19:34
 Operator : CG/JU
 Sample : PB139541BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139541BL

Quant Time: Oct 05 03:34:28 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)

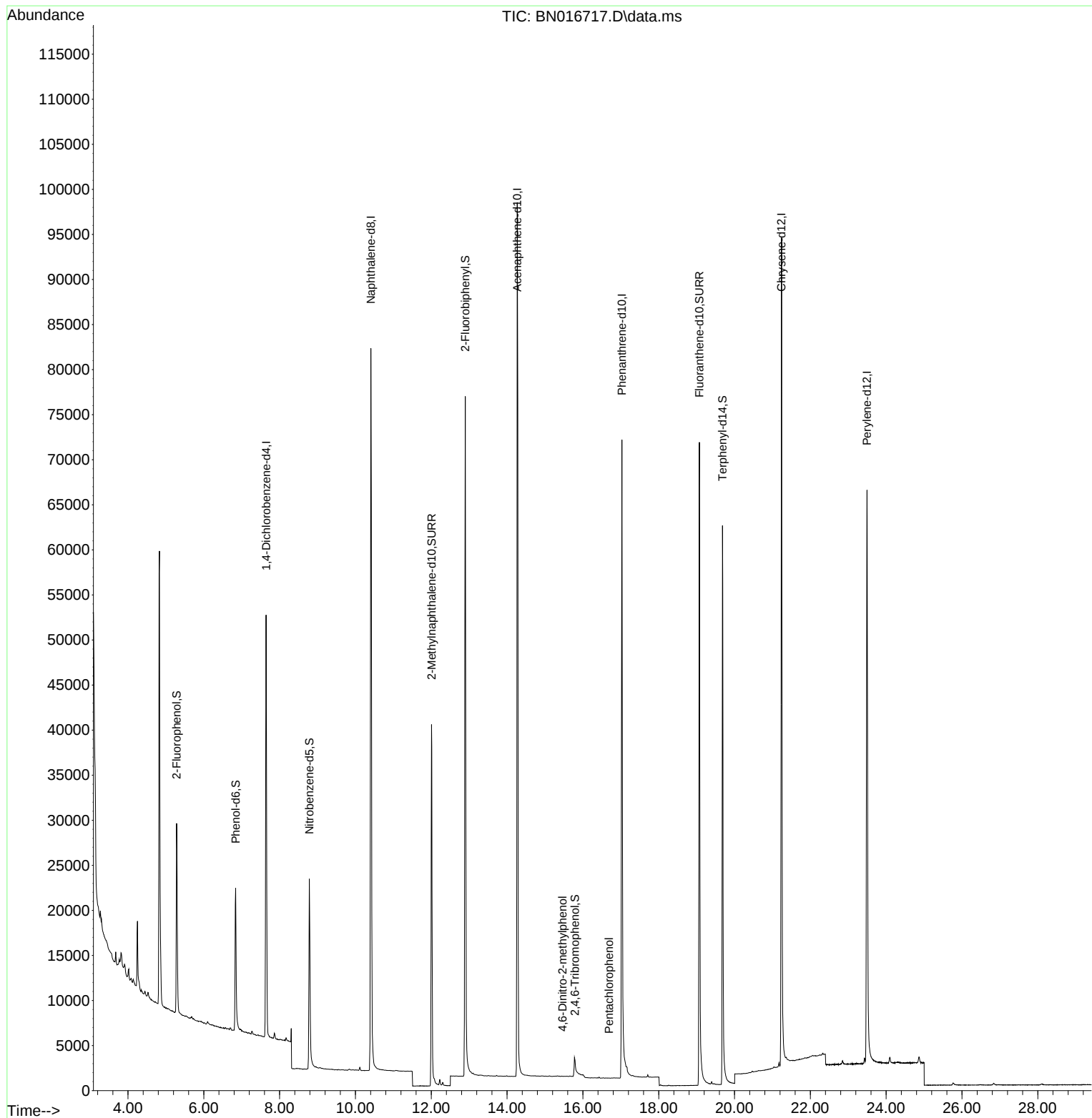
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	26449	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	119058	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	62653	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	113378	0.400	ng	0.00
29) Chrysene-d12	21.238	240	97491	0.400	ng	0.00
35) Perylene-d12	23.495	264	93439	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	20803	0.308	ng	0.03
5) Phenol-d6	6.840	99	18985	0.254	ng	0.02
8) Nitrobenzene-d5	8.785	82	21205	0.254	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	60071	0.339	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3367	0.210	ng	0.01
15) 2-Fluorobiphenyl	12.899	172	73807	0.295	ng	0.00
27) Fluoranthene-d10	19.073	212	99490	0.321	ng	0.00
31) Terphenyl-d14	19.684	244	77099	0.353	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.461	198	5	0.266	ng	# 1
24) Pentachlorophenol	16.689	266	4	0.339	ng	# 1

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

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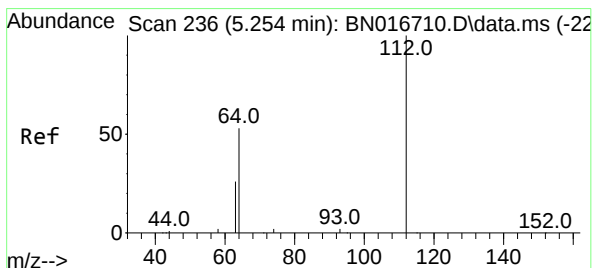
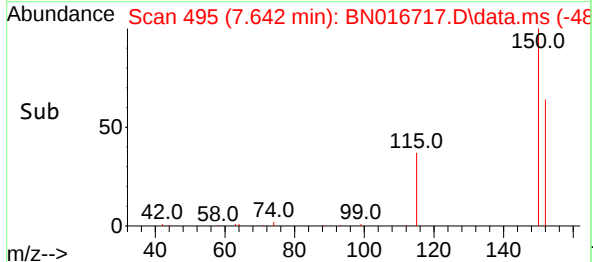
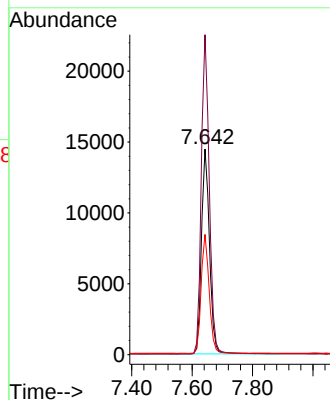
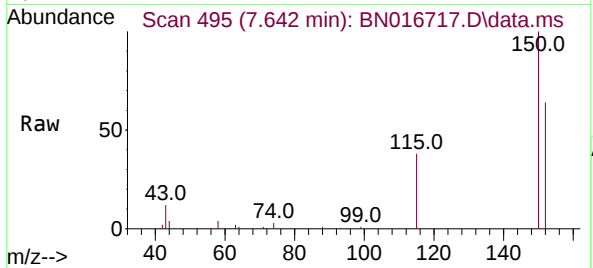




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016717.D
 Acq: 04 Oct 2021 19:34

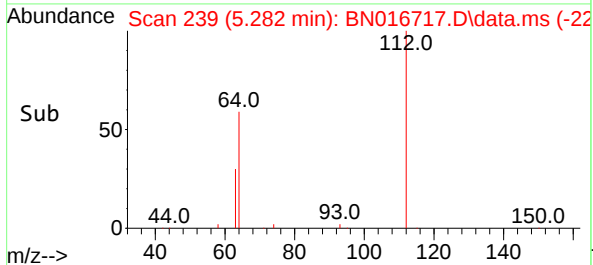
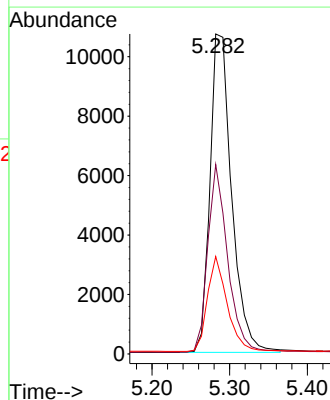
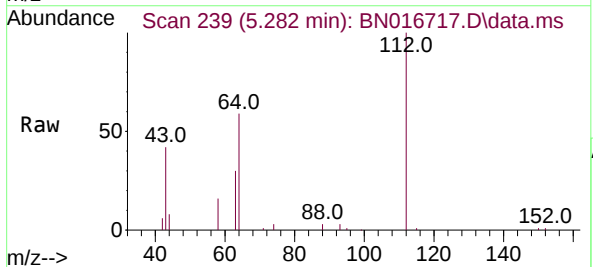
Instrument :
 BNA_N
 ClientSampleId :
 PB139541BL

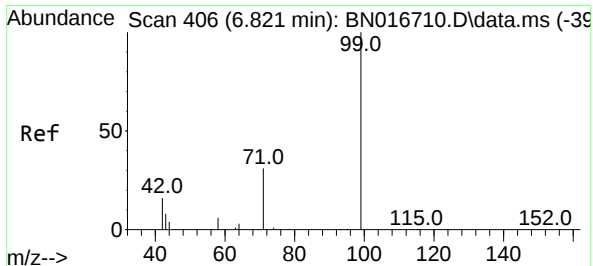
Tgt Ion:152 Resp: 26449
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.3 184.9
 115 58.5 47.0 70.6



#4
 2-Fluorophenol
 Concen: 0.308 ng
 RT: 5.282 min Scan# 239
 Delta R.T. 0.028 min
 Lab File: BN016717.D
 Acq: 04 Oct 2021 19:34

Tgt Ion:112 Resp: 20803
 Ion Ratio Lower Upper
 112 100
 64 54.0 42.9 64.3
 63 27.3 21.5 32.3

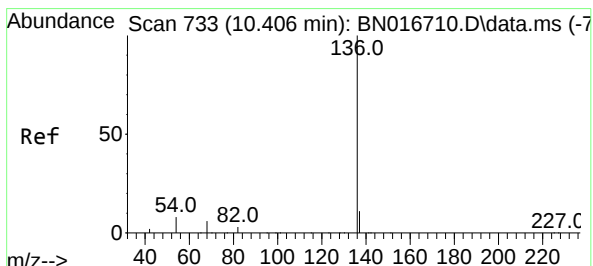
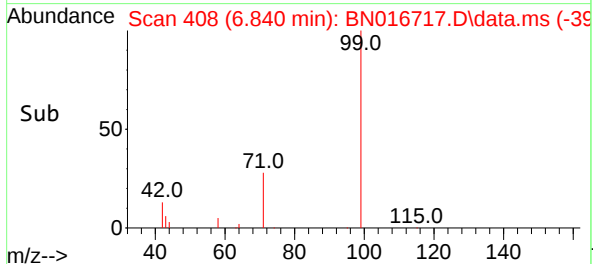
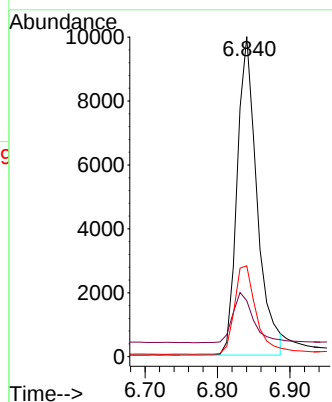
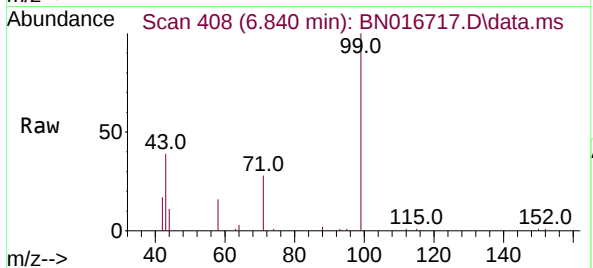




#5
Phenol-d6
Concen: 0.254 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.019 min
Lab File: BN016717.D
Acq: 04 Oct 2021 19:34

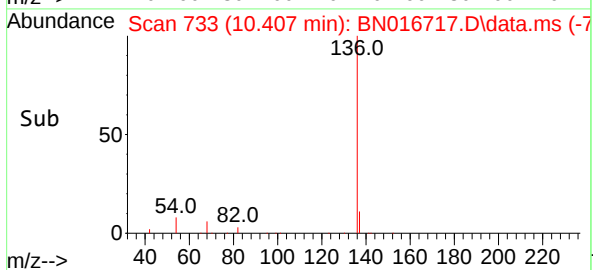
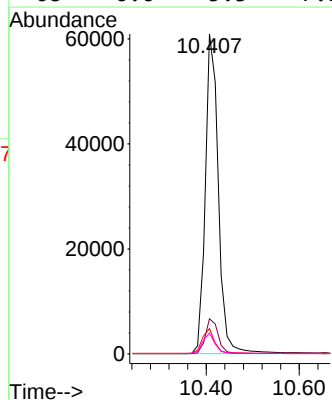
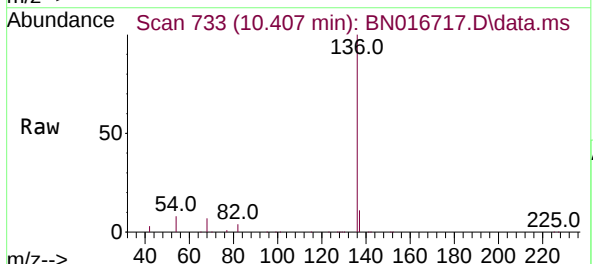
Instrument :
BNA_N
ClientSampleId :
PB139541BL

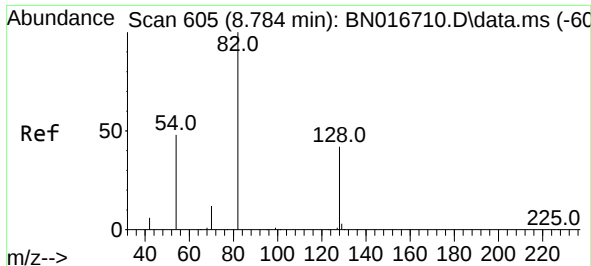
Tgt Ion: 99 Resp: 18985
Ion Ratio Lower Upper
99 100
42 16.2 13.4 20.2
71 30.1 24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016717.D
Acq: 04 Oct 2021 19:34

Tgt Ion: 136 Resp: 119058
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.0 6.5 9.7
68 6.6 5.3 7.9

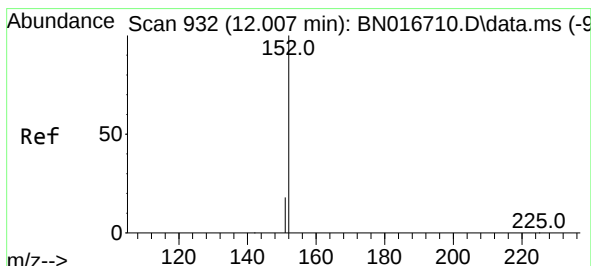
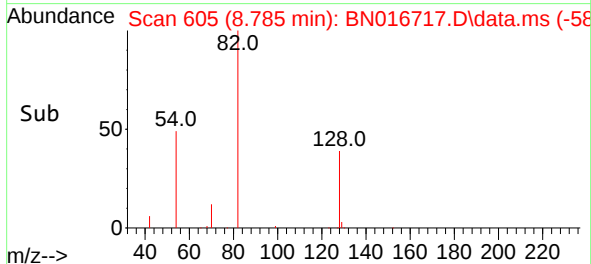
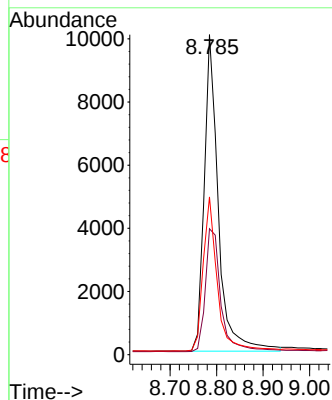
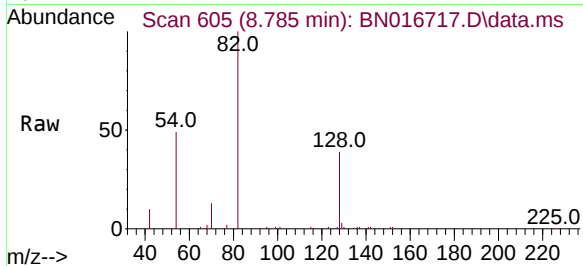




#8
Nitrobenzene-d5
Concen: 0.254 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016717.D
Acq: 04 Oct 2021 19:34

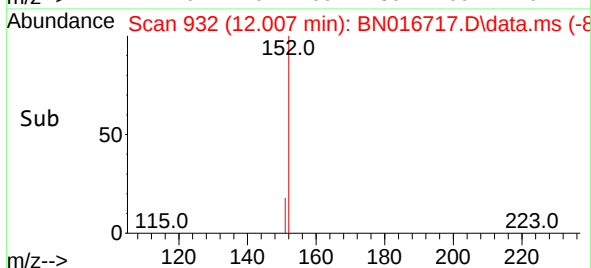
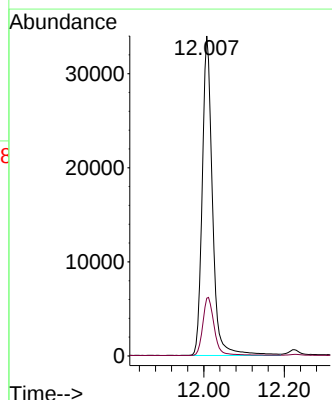
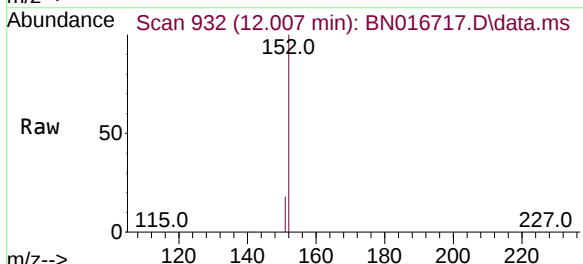
Instrument :
BNA_N
ClientSampleId :
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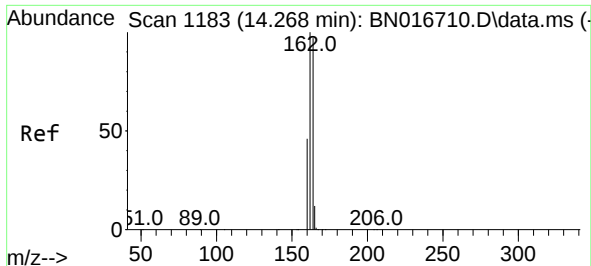
Tgt Ion:	82	Resp:	21205
Ion	Ratio	Lower	Upper
82	100		
128	39.4	33.8	50.6
54	49.3	38.5	57.7



#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016717.D
Acq: 04 Oct 2021 19:34

Tgt Ion:	152	Resp:	60071
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4

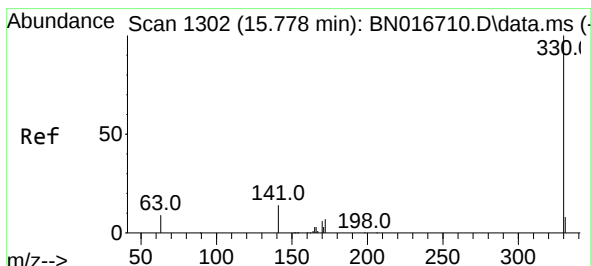
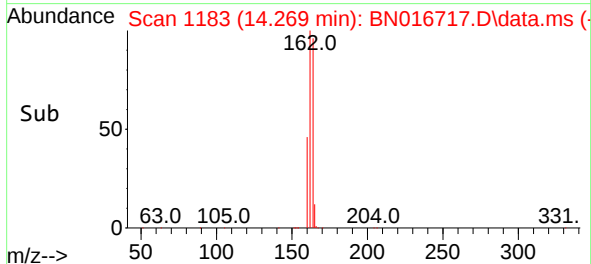
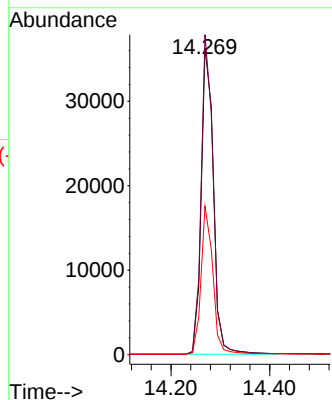
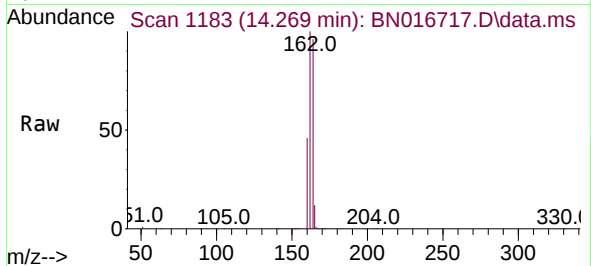




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016717.D
Acq: 04 Oct 2021 19:34

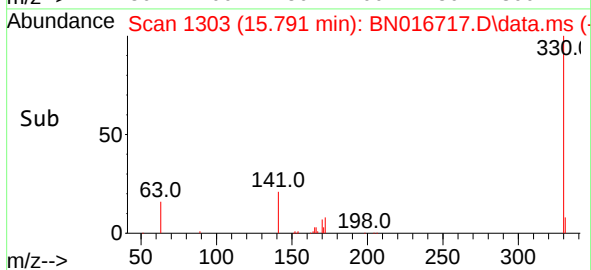
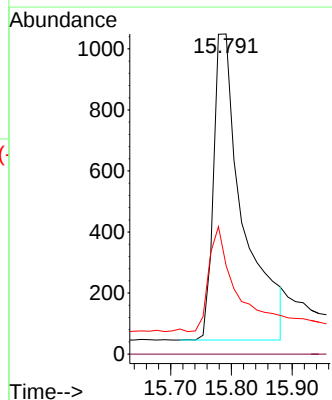
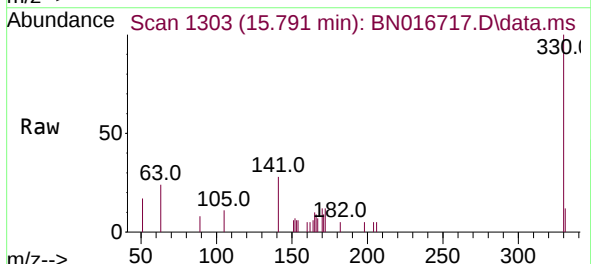
Instrument :
BNA_N
ClientSampleId :
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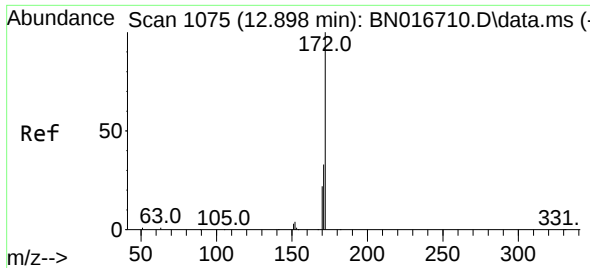
Tgt Ion:164 Resp: 62653
Ion Ratio Lower Upper
164 100
162 104.2 82.6 124.0
160 48.4 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.210 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.013 min
Lab File: BN016717.D
Acq: 04 Oct 2021 19:34

Tgt Ion:330 Resp: 3367
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.2 24.2 36.2

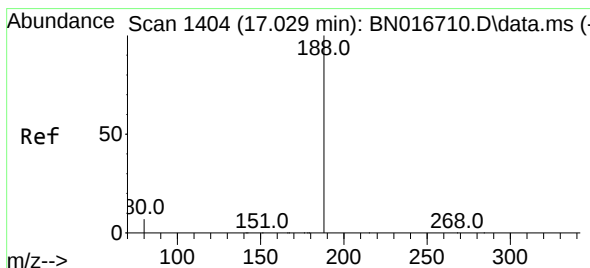
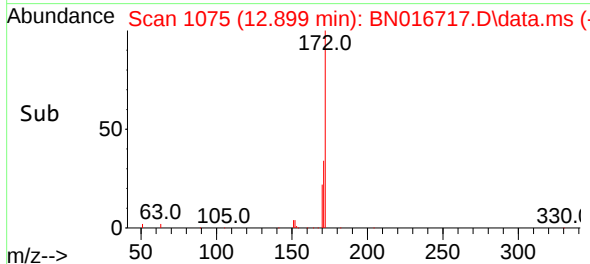
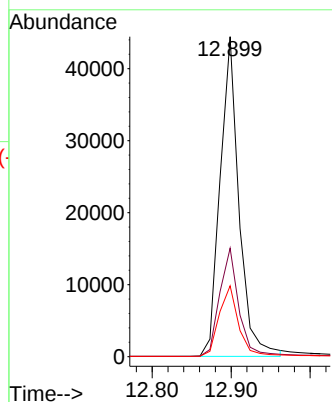
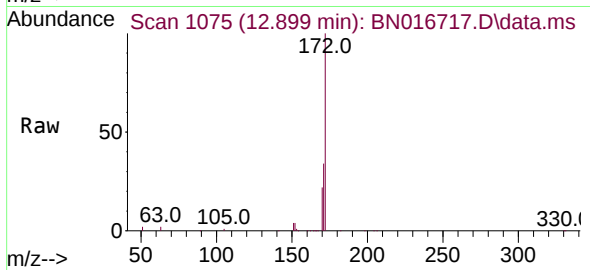




#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.001 min
Lab File: BN016717.D
Acq: 04 Oct 2021 19:34

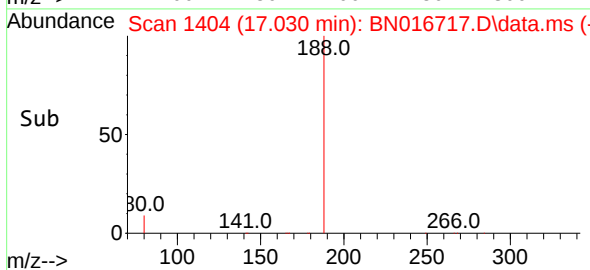
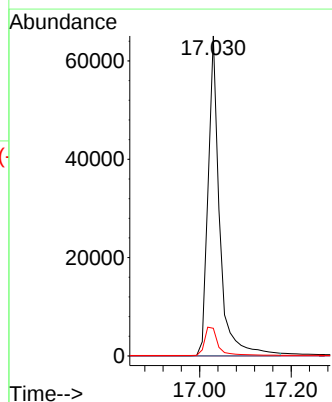
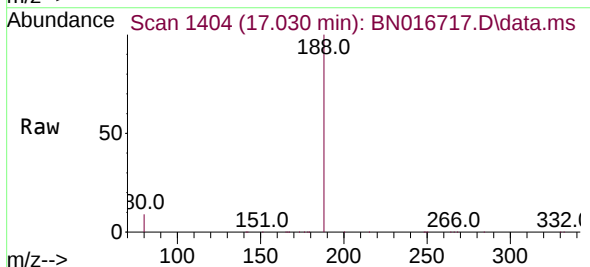
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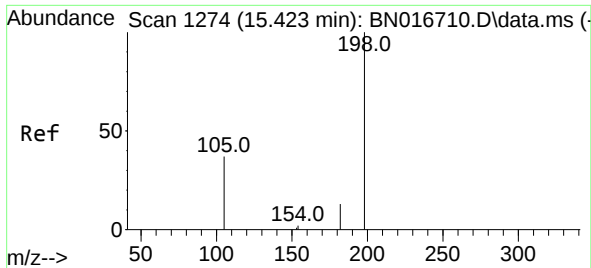
Tgt Ion:172	Resp:	73807
Ion Ratio	Lower	Upper
172	100	
171	33.9	26.9 40.3
170	22.2	17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016717.D
Acq: 04 Oct 2021 19:34

Tgt Ion:188	Resp:	113378
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	8.7	5.8 8.8

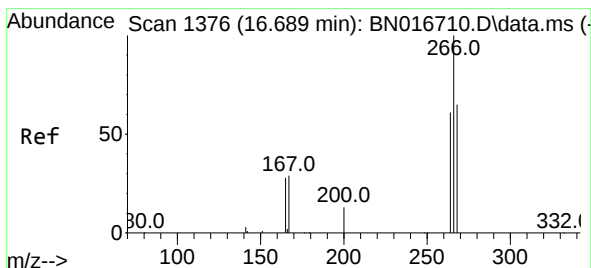
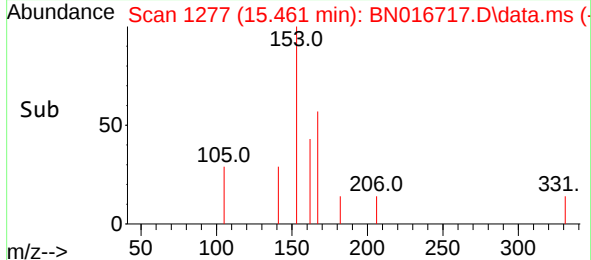
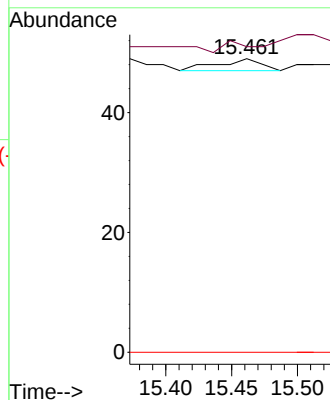
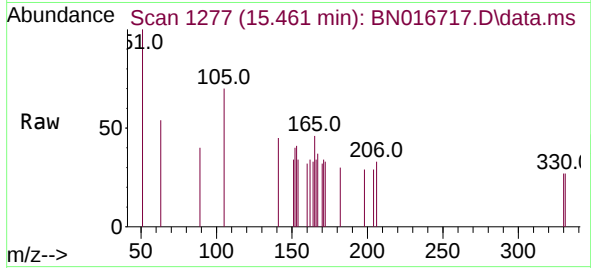




#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.038 min
Lab File: BN016717.D
Acq: 04 Oct 2021 19:34

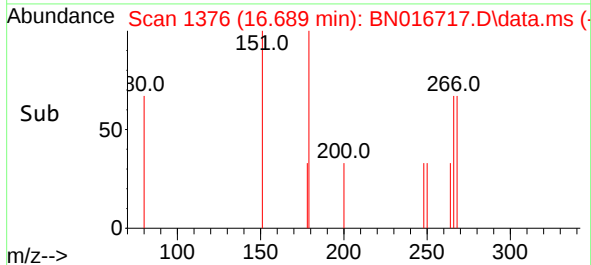
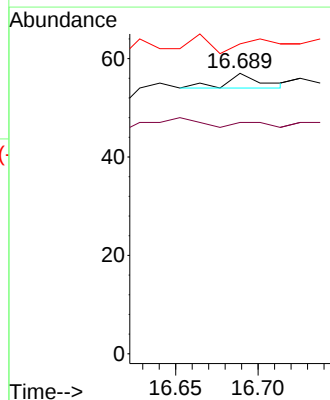
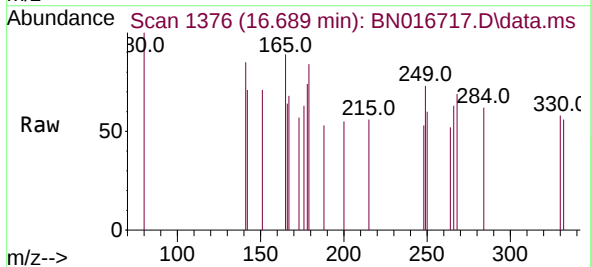
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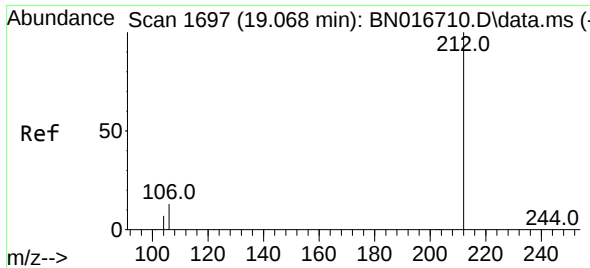
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 104.1 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.339 ng
RT: 16.689 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BN016717.D
Acq: 04 Oct 2021 19:34

Tgt Ion:266 Resp: 4
Ion Ratio Lower Upper
266 100
264 25.0 49.3 73.9#
268 225.0 51.8 77.8#

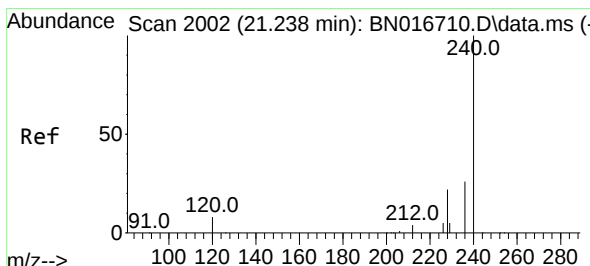
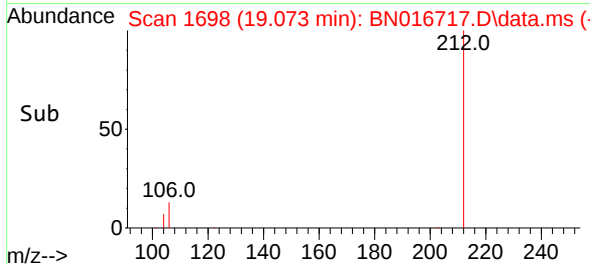
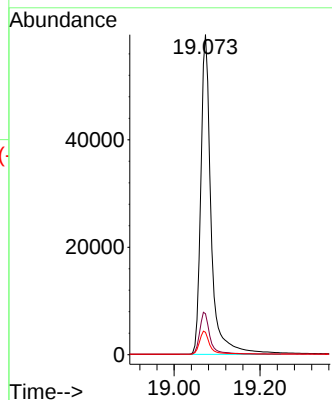
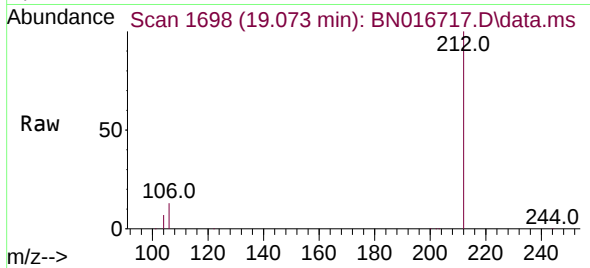




#27
Fluoranthene-d10
Concen: 0.321 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.005 min
Lab File: BN016717.D
Acq: 04 Oct 2021 19:34

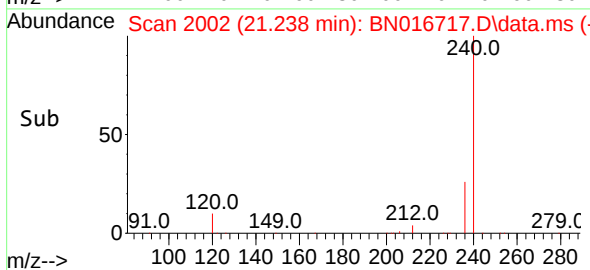
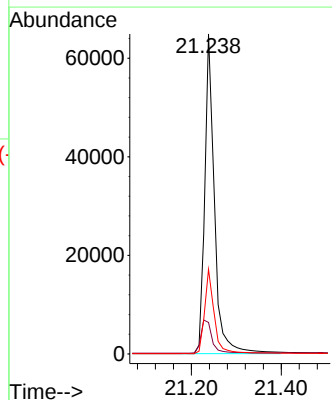
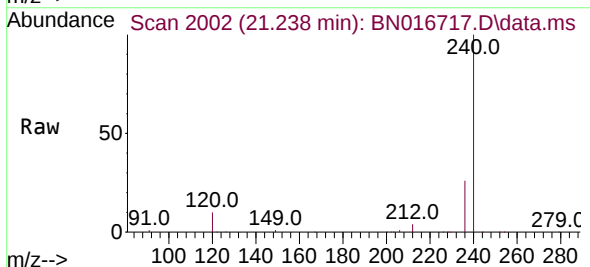
Instrument :
BNA_N
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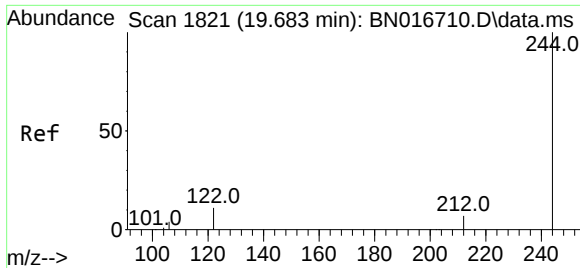
Tgt Ion:212 Resp: 99490
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.3 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016717.D
Acq: 04 Oct 2021 19:34

Tgt Ion:240 Resp: 97491
Ion Ratio Lower Upper
240 100
120 9.8 6.6 10.0
236 26.4 20.7 31.1

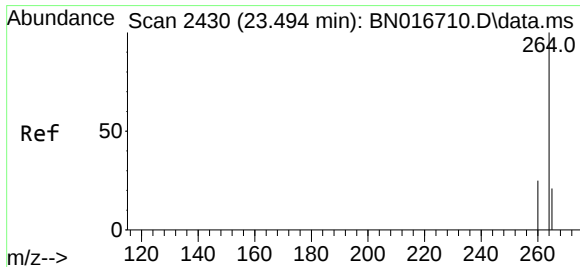
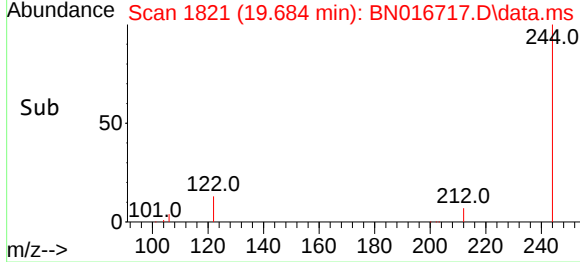
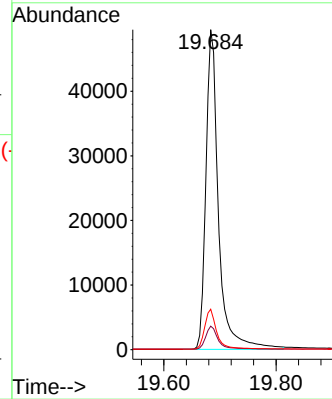
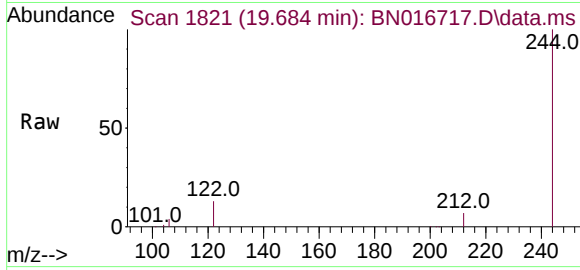




#31
Terphenyl-d14
Concen: 0.353 ng
RT: 19.684 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN016717.D
Acq: 04 Oct 2021 19:34

Instrument :
BNA_N
ClientSampleId :
PB139541BL

Tgt Ion:244	Resp:	77099
Ion Ratio	Lower	Upper
244	100	
212	7.4	5.8 8.6
122	12.7	8.9 13.3



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.495 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN016717.D
Acq: 04 Oct 2021 19:34

Tgt Ion:264	Resp:	93439
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.8 29.6
265	25.0	20.3 30.5

