

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072024\
 Data File : BN032882.D
 Acq On : 20 Jul 2024 18:23
 Operator : MA/JU
 Sample : P3299-02
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20240717

Quant Time: Jul 22 00:44:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

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

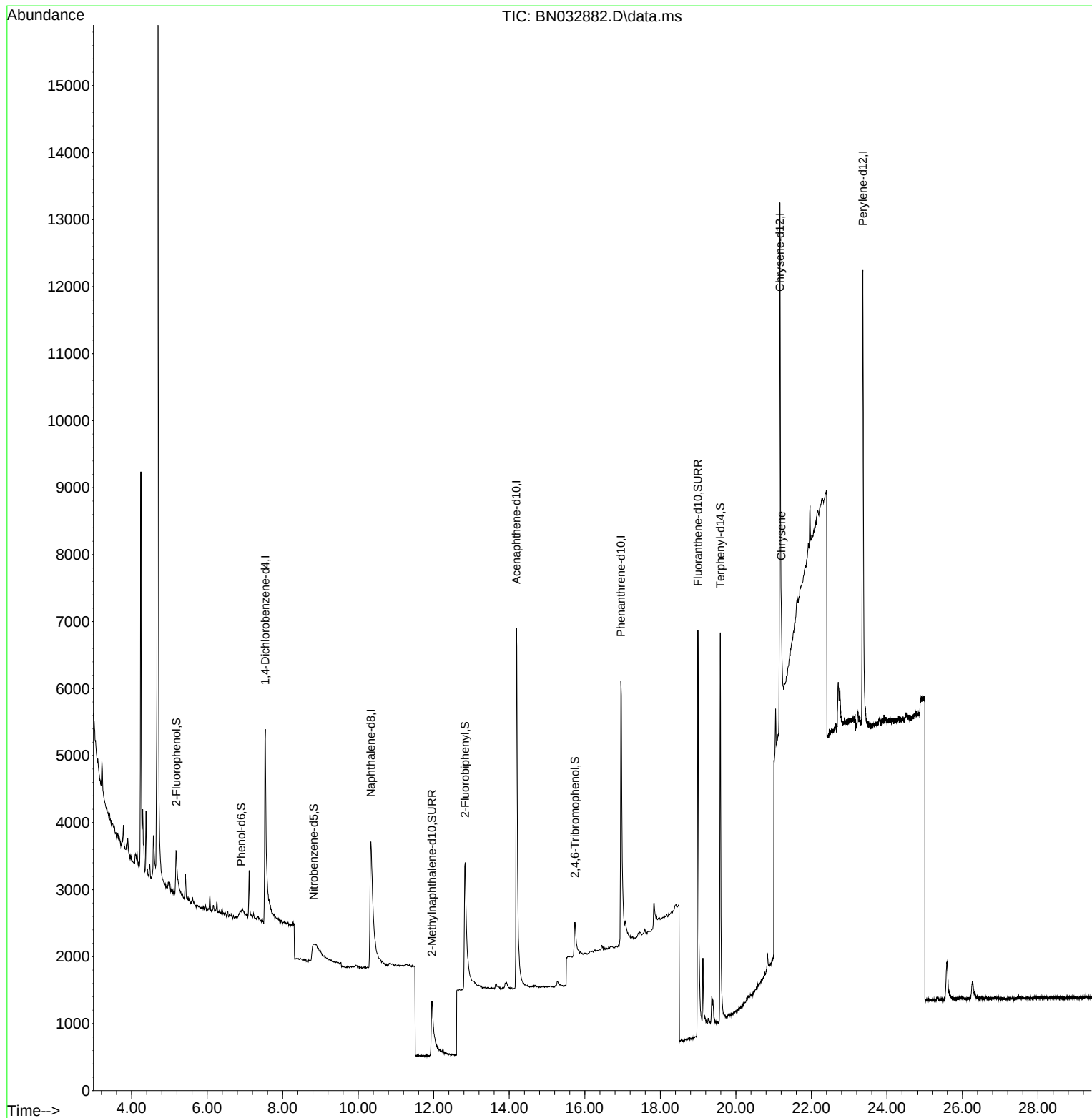
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	2928	0.400	ng	0.00
7) Naphthalene-d8	10.336	136	8488	0.400	ng	# 0.03
13) Acenaphthene-d10	14.189	164	5564	0.400	ng	0.01
19) Phenanthrene-d10	16.954	188	10392	0.400	ng	# 0.00
29) Chrysene-d12	21.166	240	10088	0.400	ng	0.00
35) Perylene-d12	23.361	264	11205	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	1356	0.183	ng	0.00
5) Phenol-d6	6.902	99	835m	0.091	ng	0.12
8) Nitrobenzene-d5	8.820	82	1789m	0.280	ng	0.09
11) 2-Methylnaphthalene-d10	11.949	152	3316	0.255	ng	0.03
14) 2,4,6-Tribromophenol	15.738	330	530	0.223	ng	0.01
15) 2-Fluorobiphenyl	12.831	172	4953	0.239	ng	0.02
27) Fluoranthene-d10	18.994	212	8886	0.331	ng	0.00
31) Terphenyl-d14	19.588	244	7834	0.379	ng	0.00
Target Compounds						
33) Chrysene	21.202	228	1045	0.028	ng	# 64

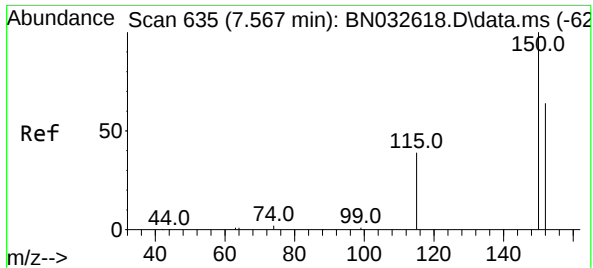
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

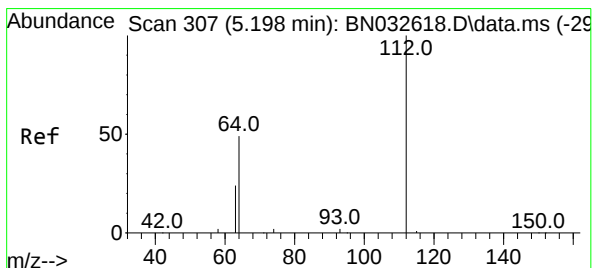
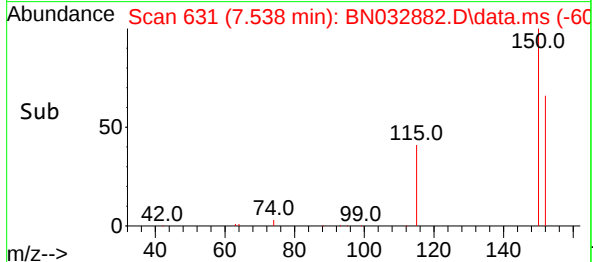
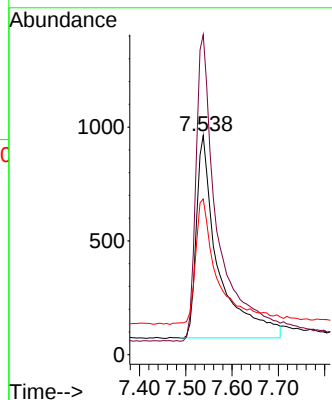
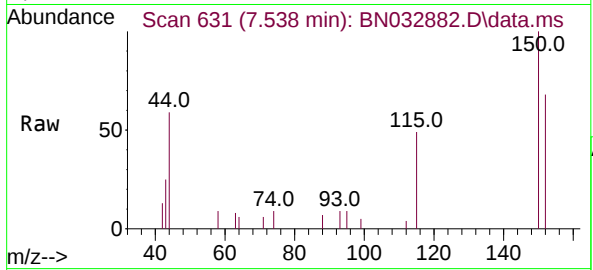




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN032882.D
Acq: 20 Jul 2024 18:23

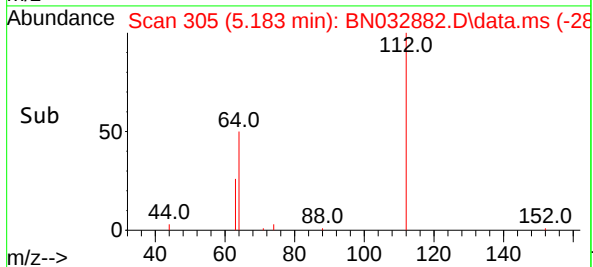
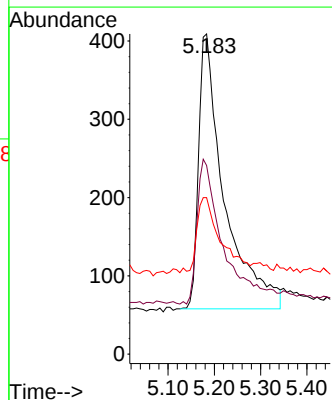
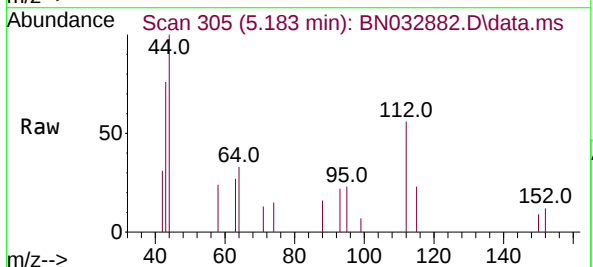
Instrument :
BNA_N
ClientSampleId :
SP-201-20240717

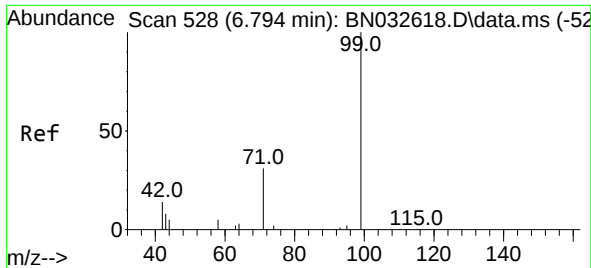
Tgt Ion:152 Resp: 2928
Ion Ratio Lower Upper
152 100
150 146.0 123.8 185.6
115 71.0 52.8 79.2



#4
2-Fluorophenol
Concen: 0.183 ng
RT: 5.183 min Scan# 305
Delta R.T. 0.007 min
Lab File: BN032882.D
Acq: 20 Jul 2024 18:23

Tgt Ion:112 Resp: 1356
Ion Ratio Lower Upper
112 100
64 54.4 40.2 60.4
63 25.1 22.2 33.4

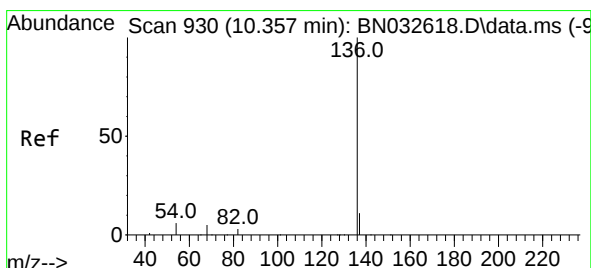
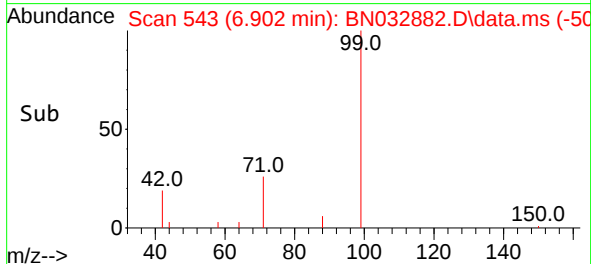
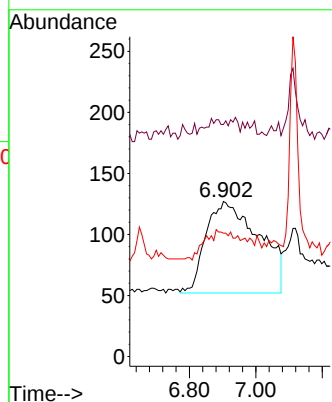
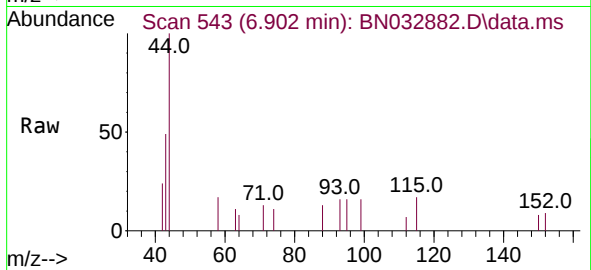




#5
Phenol-d6
Concen: 0.091 ng m
RT: 6.902 min Scan# 54
Delta R.T. 0.123 min
Lab File: BN032882.D
Acq: 20 Jul 2024 18:23

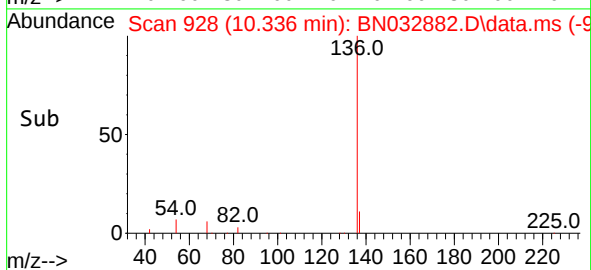
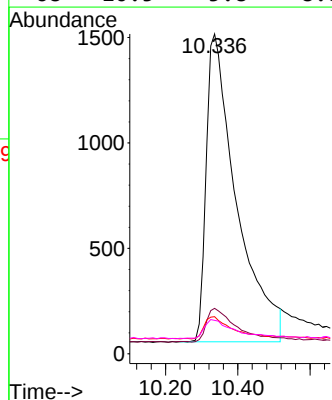
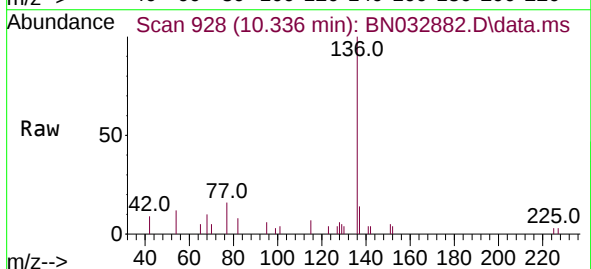
Instrument :
BNA_N
ClientSampleId :
SP-201-20240717

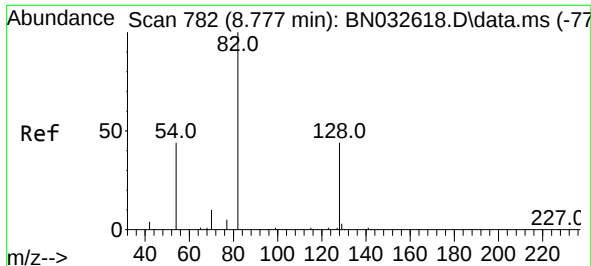
Tgt Ion: 99 Resp: 835
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 0.0 22.3 33.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 928
Delta R.T. 0.032 min
Lab File: BN032882.D
Acq: 20 Jul 2024 18:23

Tgt Ion: 136 Resp: 8488
Ion Ratio Lower Upper
136 100
137 14.2 9.9 14.9
54 11.6 6.5 9.7#
68 10.5 5.8 8.8#

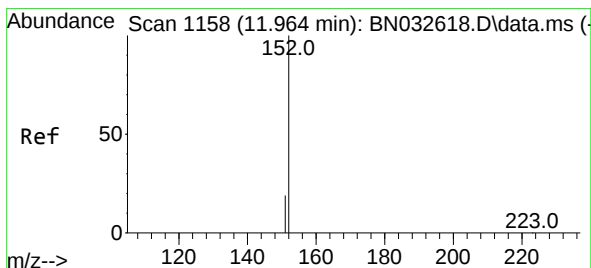
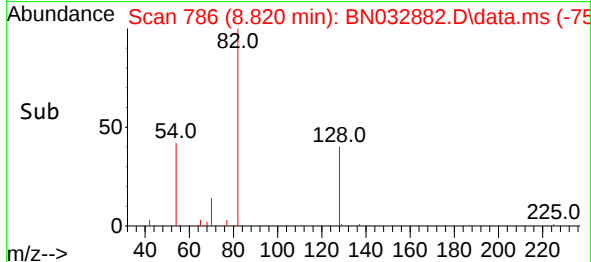
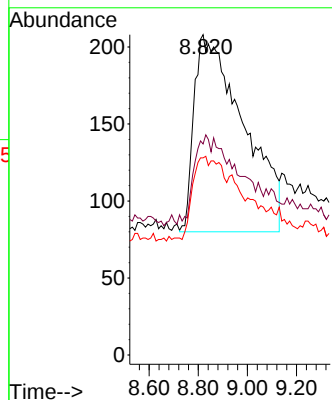
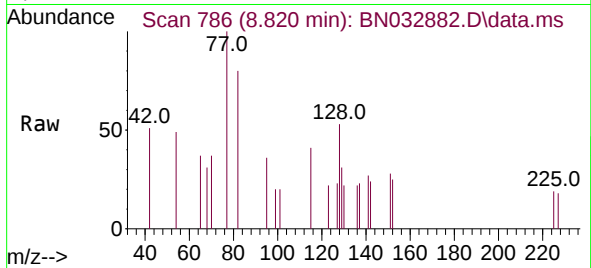




#8
Nitrobenzene-d5
Concen: 0.280 ng m
RT: 8.820 min Scan# 71
Delta R.T. 0.085 min
Lab File: BN032882.D
Acq: 20 Jul 2024 18:23

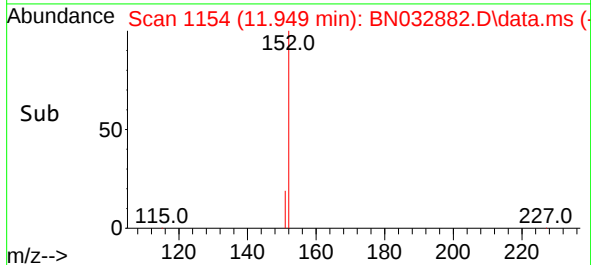
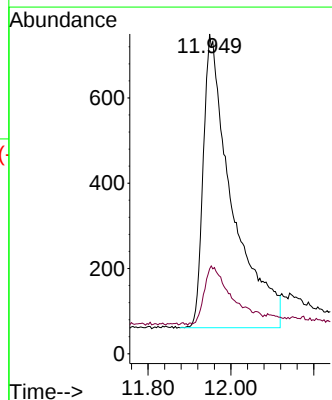
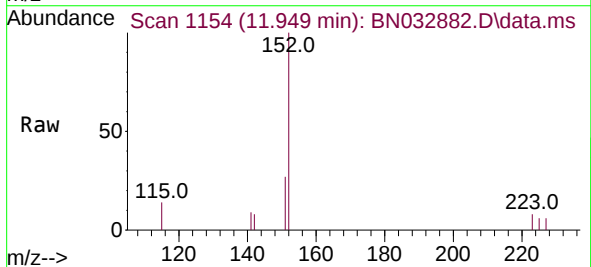
Instrument :
BNA_N
ClientSampleId :
SP-201-20240717

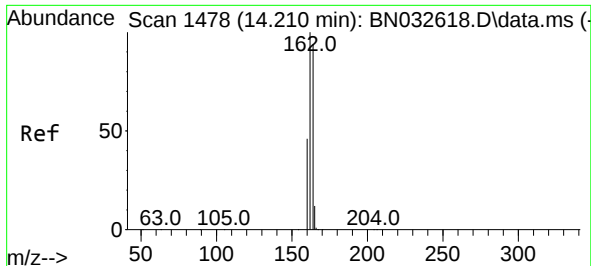
Tgt Ion: 82 Resp: 1789
Ion Ratio Lower Upper
82 100
128 65.9 41.7 62.5#
54 61.5 39.5 59.3#



#11
2-Methylnaphthalene-d10
Concen: 0.255 ng
RT: 11.949 min Scan# 1154
Delta R.T. 0.034 min
Lab File: BN032882.D
Acq: 20 Jul 2024 18:23

Tgt Ion: 152 Resp: 3316
Ion Ratio Lower Upper
152 100
151 17.9 16.2 24.2

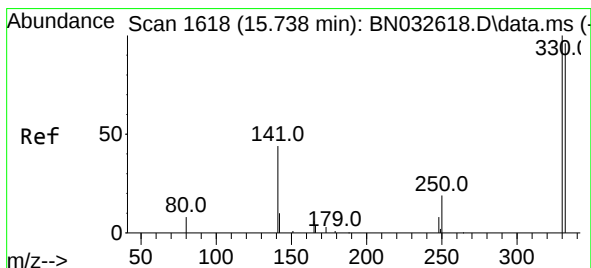
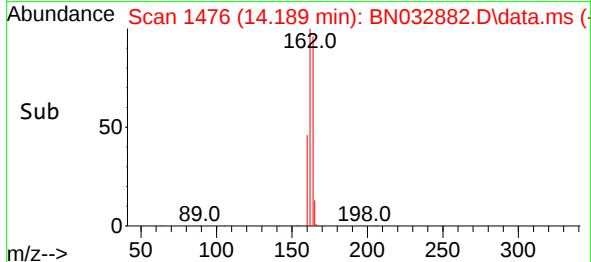
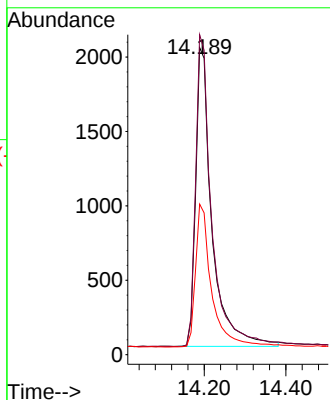
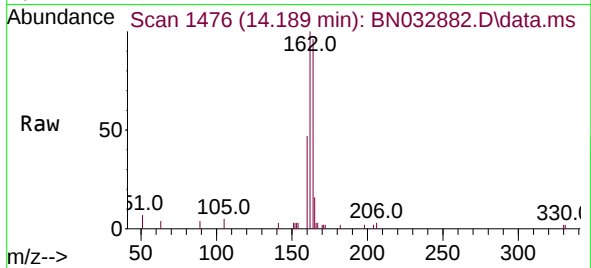




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. 0.011 min
Lab File: BN032882.D
Acq: 20 Jul 2024 18:23

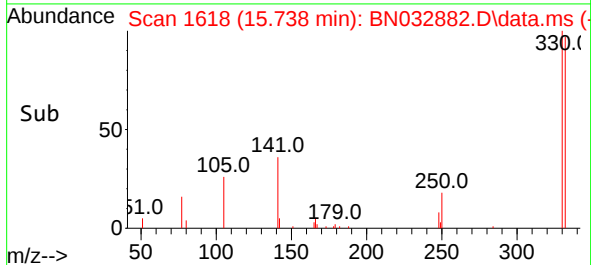
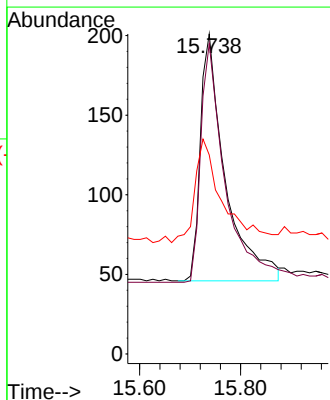
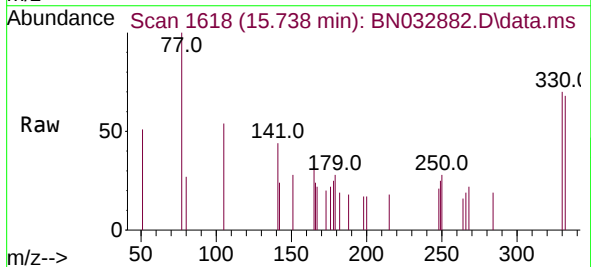
Instrument :
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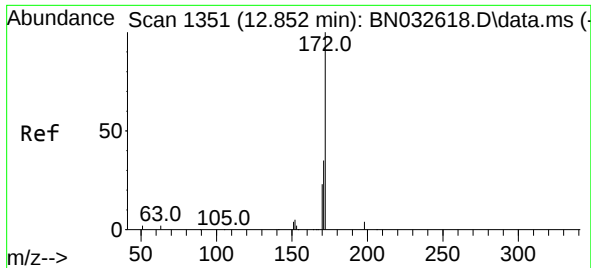
Tgt Ion:	164	Resp:	5564
Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.0	127.4
160	49.0	39.4	59.2



#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 15.738 min Scan# 1618
Delta R.T. 0.012 min
Lab File: BN032882.D
Acq: 20 Jul 2024 18:23

Tgt Ion:	330	Resp:	530
Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.8
141	46.2	34.2	51.2

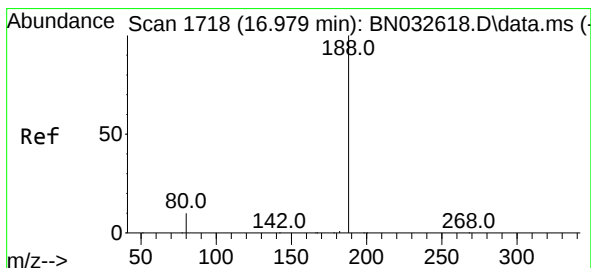
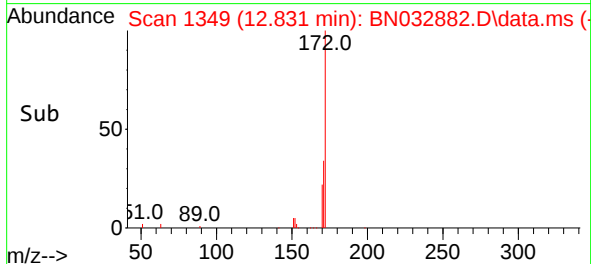
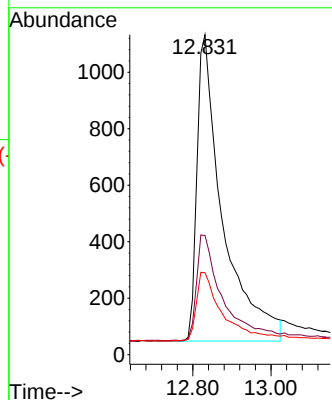
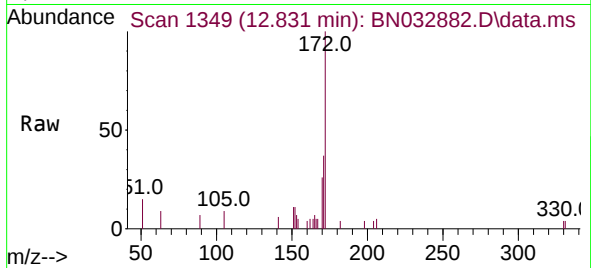




#15
2-Fluorobiphenyl
Concen: 0.239 ng
RT: 12.831 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN032882.D
Acq: 20 Jul 2024 18:23

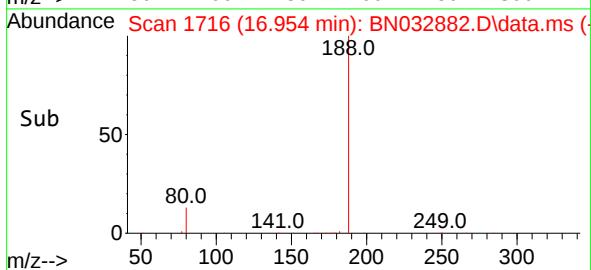
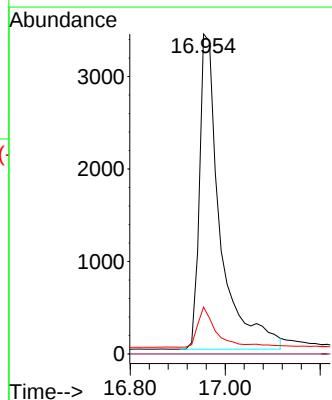
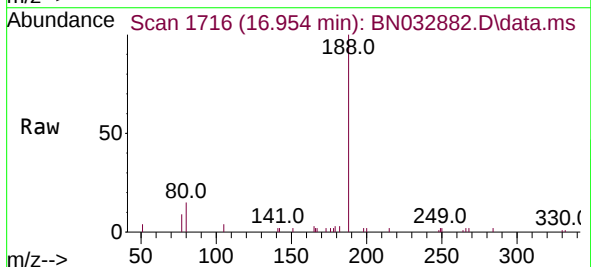
Instrument :
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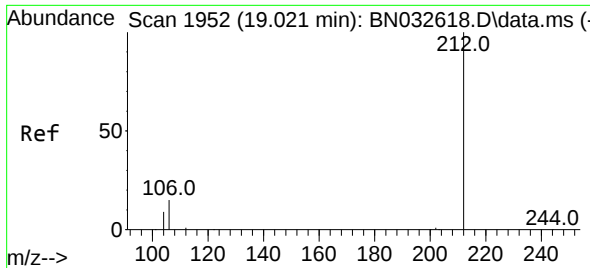
Tgt Ion:172 Resp: 4953
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 25.6 19.0 28.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.954 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BN032882.D
Acq: 20 Jul 2024 18:23

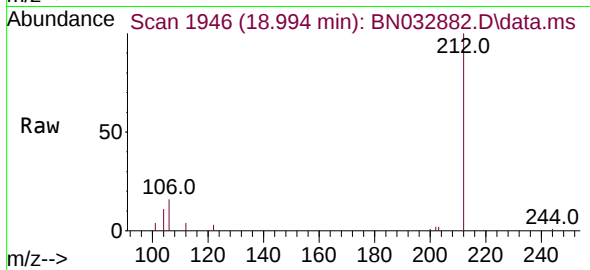
Tgt Ion:188 Resp: 10392
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 8.8 13.2#



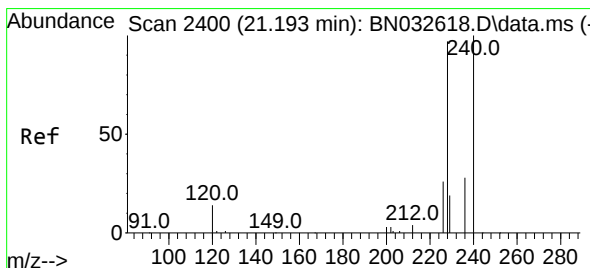
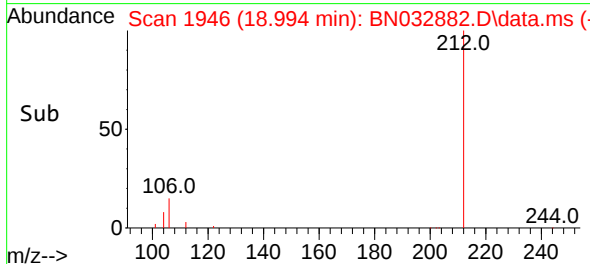
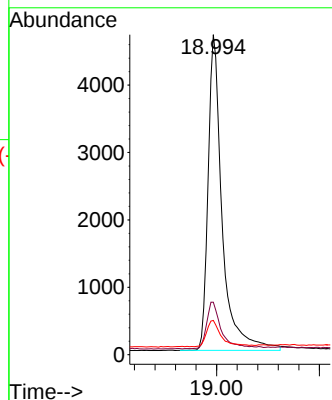


#27
Fluoranthene-d10
Concen: 0.331 ng
RT: 18.994 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BN032882.D
Acq: 20 Jul 2024 18:23

Instrument :
BNA_N
ClientSampleId :
SP-201-20240717

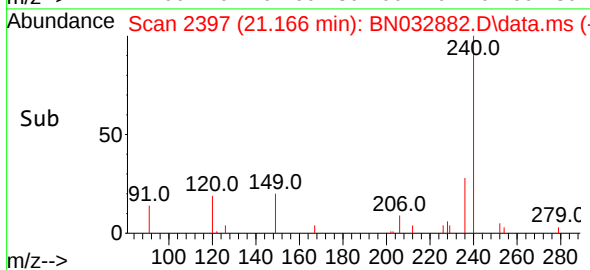
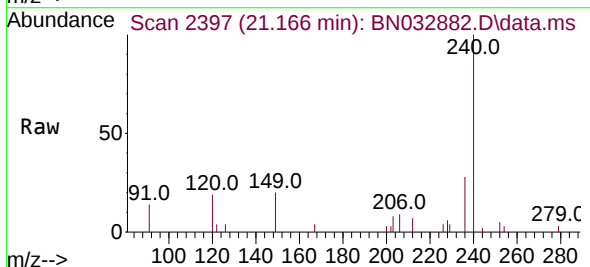
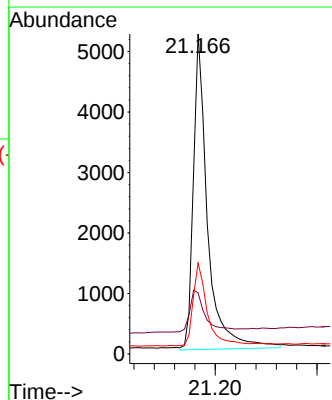


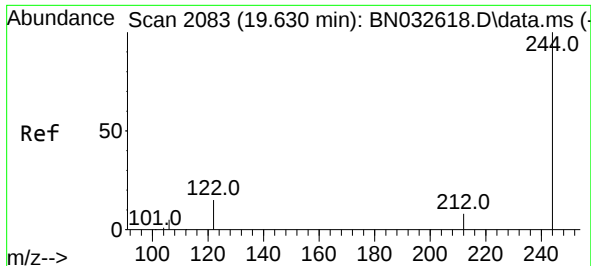
Tgt Ion:212 Resp: 8886
Ion Ratio Lower Upper
212 100
106 15.6 11.9 17.9
104 8.7 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.166 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BN032882.D
Acq: 20 Jul 2024 18:23

Tgt Ion:240 Resp: 10088
Ion Ratio Lower Upper
240 100
120 19.1 14.8 22.2
236 28.4 23.3 34.9

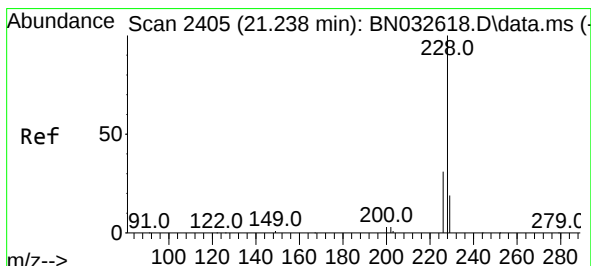
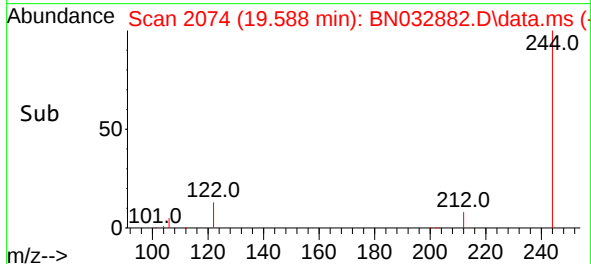
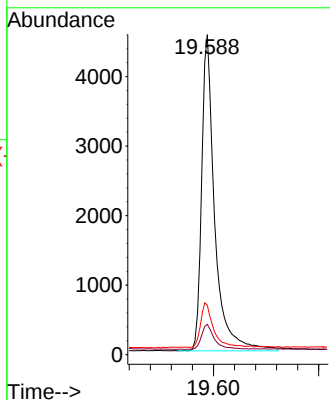
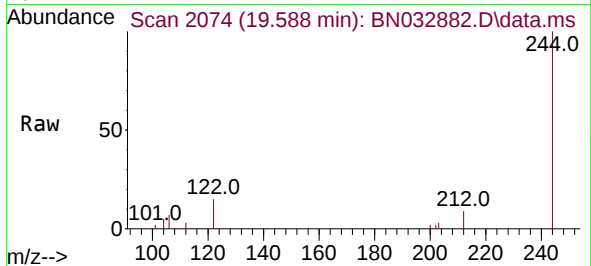




#31
 Terphenyl-d14
 Concen: 0.379 ng
 RT: 19.588 min Scan# 2083
 Delta R.T. -0.005 min
 Lab File: BN032882.D
 Acq: 20 Jul 2024 18:23

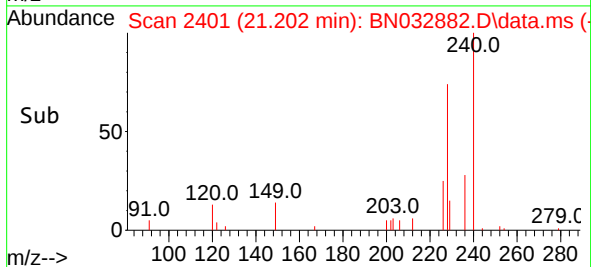
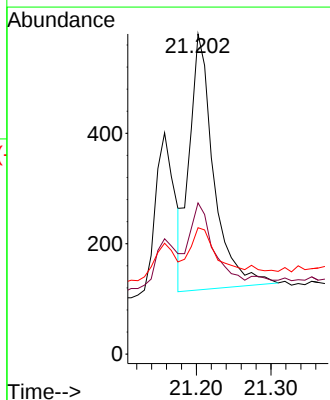
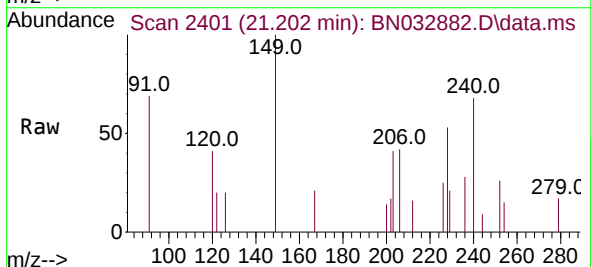
Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20240717

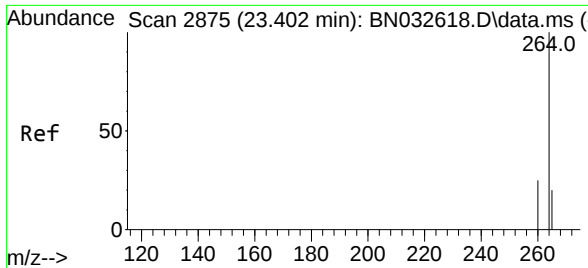
Tgt Ion:244 Resp: 7834
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.5 11.3
 122 15.5 12.6 19.0



#33
 Chrysene
 Concen: 0.028 ng
 RT: 21.202 min Scan# 2401
 Delta R.T. 0.000 min
 Lab File: BN032882.D
 Acq: 20 Jul 2024 18:23

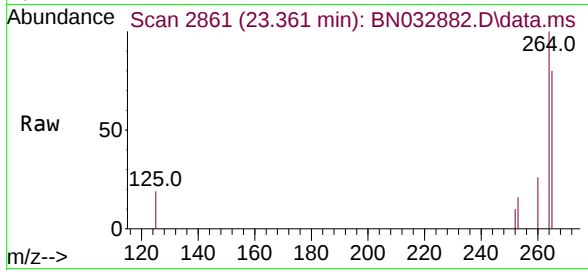
Tgt Ion:228 Resp: 1045
 Ion Ratio Lower Upper
 228 100
 226 47.2 24.2 36.2#
 229 39.5 16.0 24.0#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.361 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN032882.D
Acq: 20 Jul 2024 18:23

Instrument :
BNA_N
ClientSampleId :
SP-201-20240717



Tgt Ion:264 Resp: 11205
Ion Ratio Lower Upper
264 100
260 26.1 20.9 31.3
265 79.7 85.4 128.2#

