

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110724\
 Data File : BN034893.D
 Acq On : 07 Nov 2024 15:04
 Operator : RC/JU
 Sample : PB164229BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB164229BL

Quant Time: Nov 07 15:42:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 15:02:36 2024
 Response via : Initial Calibration

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

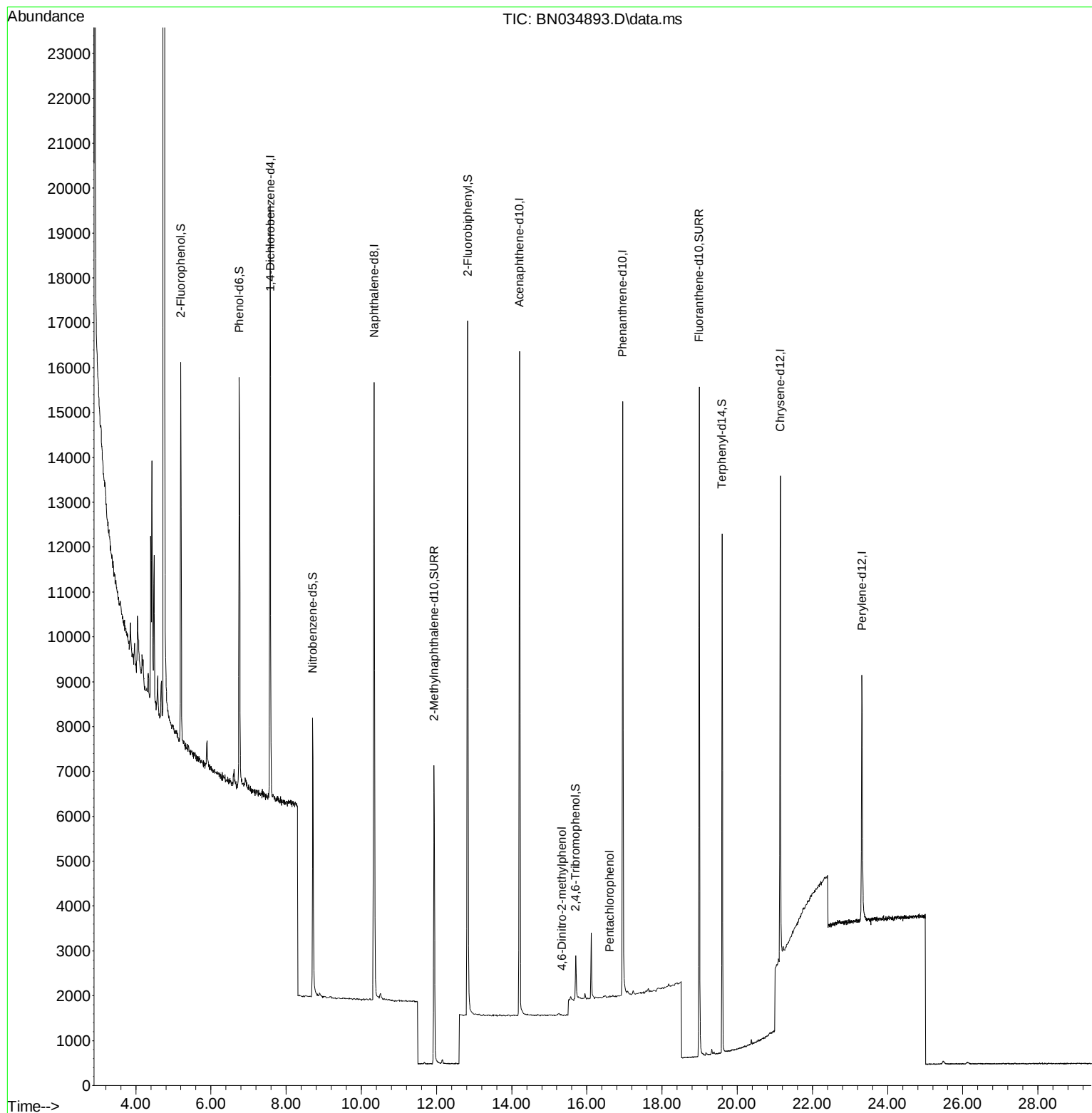
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	6231	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	17894	0.400	ng	0.00
13) Acenaphthene-d10	14.208	164	7932	0.400	ng	0.00
19) Phenanthrene-d10	16.952	188	16492	0.400	ng	# 0.00
29) Chrysene-d12	21.149	240	9359	0.400	ng	0.00
35) Perylene-d12	23.318	264	7338	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	6314	0.364	ng	0.00
5) Phenol-d6	6.752	99	8259	0.358	ng	0.00
8) Nitrobenzene-d5	8.707	82	5294	0.380	ng	0.00
11) 2-Methylnaphthalene-d10	11.935	152	9239	0.379	ng	0.00
14) 2,4,6-Tribromophenol	15.698	330	566	0.282	ng	0.00
15) 2-Fluorobiphenyl	12.829	172	13572	0.405	ng	0.00
27) Fluoranthene-d10	18.990	212	14902	0.401	ng	0.00
31) Terphenyl-d14	19.598	244	9100	0.519	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.330	198	1	0.028	ng	# 1
24) Pentachlorophenol	16.604	266	24	0.057	ng	# 80

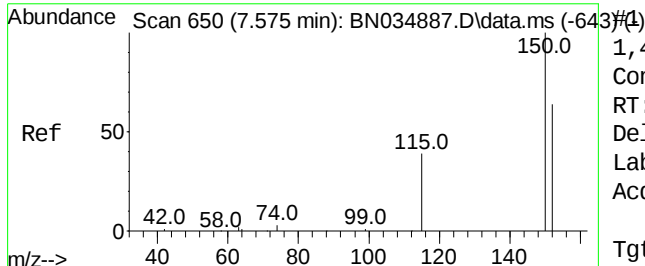
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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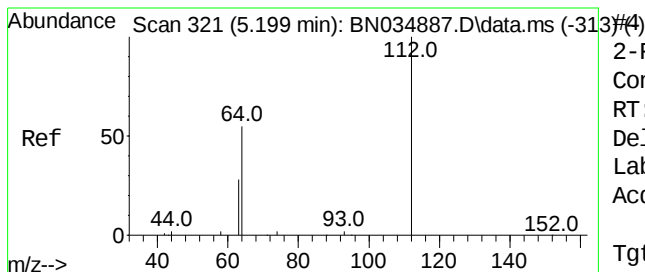
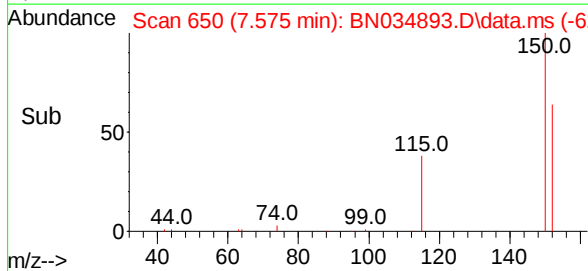
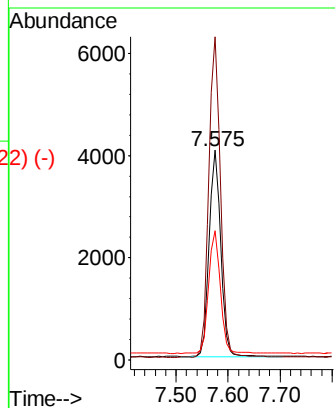
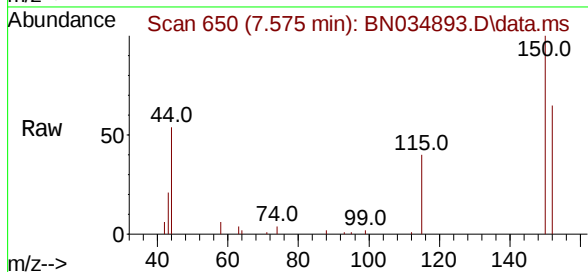




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 650
 Delta R.T. 0.000 min
 Lab File: BN034893.D
 Acq: 07 Nov 2024 15:04

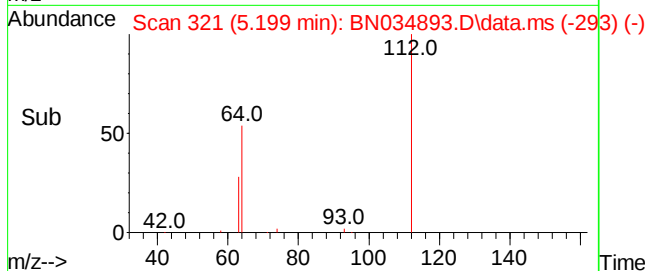
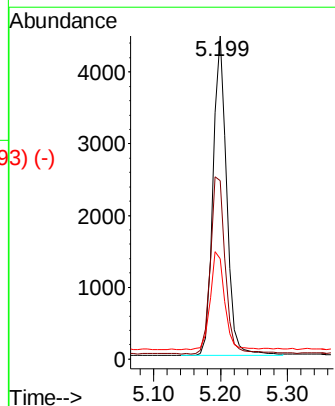
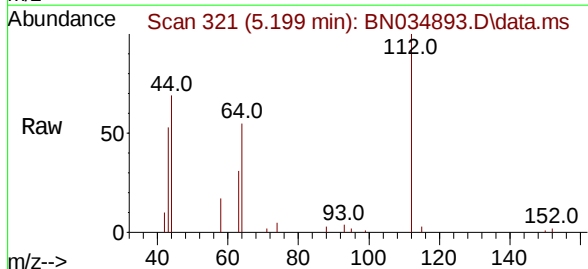
Instrument :
 BNA_N
 ClientSampleId :
 PB164229BL

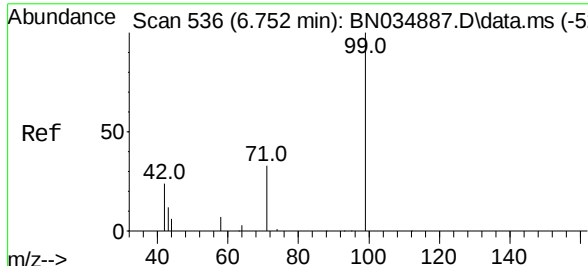
Tgt Ion:	152	Resp:	6231
Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.4	186.6
115	61.6	50.5	75.7



2-Fluorophenol
 Concen: 0.364 ng
 RT: 5.199 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: BN034893.D
 Acq: 07 Nov 2024 15:04

Tgt Ion:	112	Resp:	6314
Ion	Ratio	Lower	Upper
112	100		
64	61.0	49.6	74.4
63	32.1	26.3	39.5

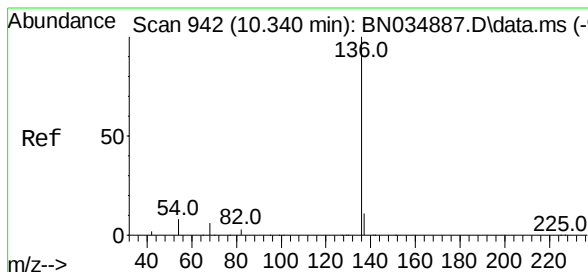
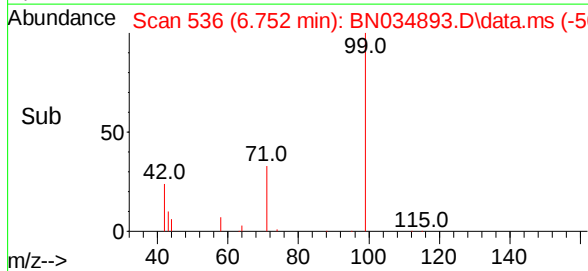
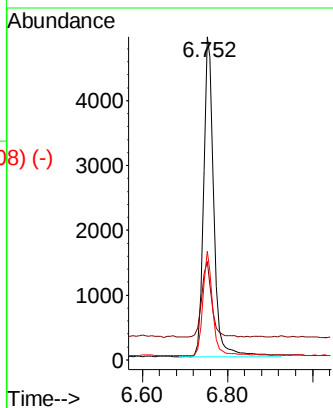
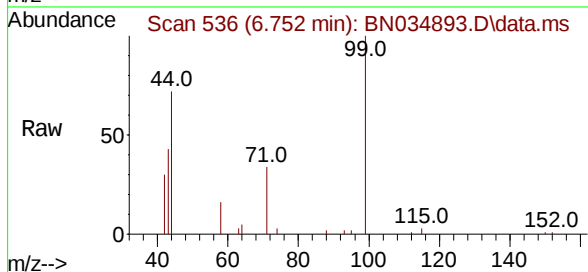




Phenol-d6
 Concen: 0.358 ng
 RT: 6.752 min Scan# 536
 Delta R.T. 0.000 min
 Lab File: BN034893.D
 Acq: 07 Nov 2024 15:04

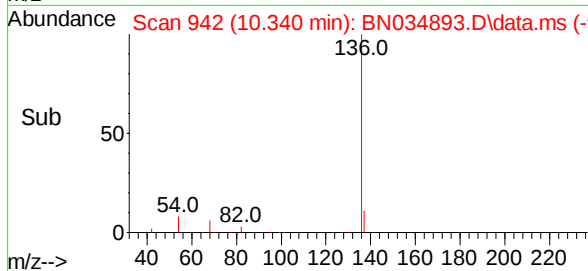
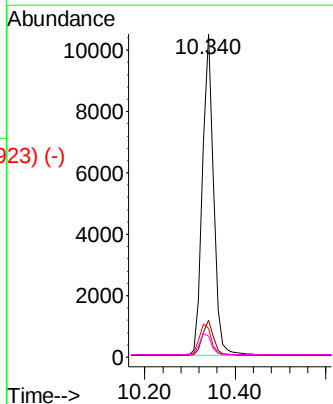
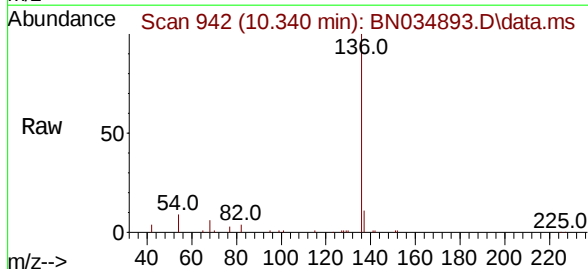
Instrument :
 BNA_N
 ClientSampleId :
 PB164229BL

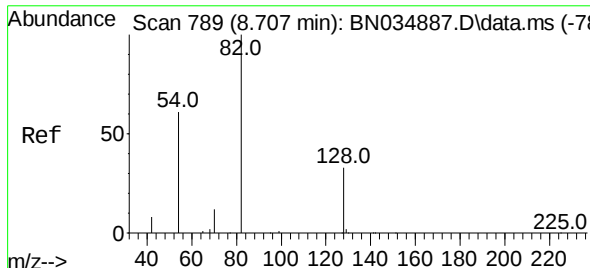
Tgt Ion:	99	Resp:	8259
Ion	Ratio	Lower	Upper
99	100		
42	23.1	20.2	30.2
71	31.1	25.4	38.0



Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.340 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: BN034893.D
 Acq: 07 Nov 2024 15:04

Tgt Ion:	136	Resp:	17894
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.8	6.9	10.3
68	6.5	5.4	8.0





Nitrobenzene-d5

Concen: 0.380 ng

RT: 8.707 min Scan#

Delta R.T. 0.000 min

Lab File: BN034893.D

Acq: 07 Nov 2024 15:04

Instrument :

BNA_N

ClientSampleId :

PB164229BL

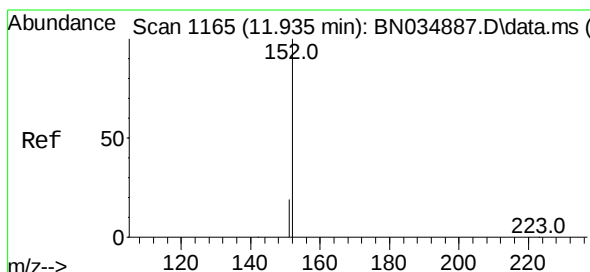
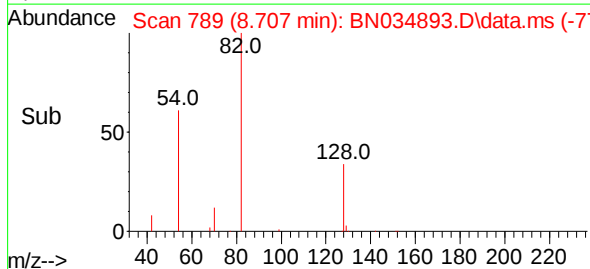
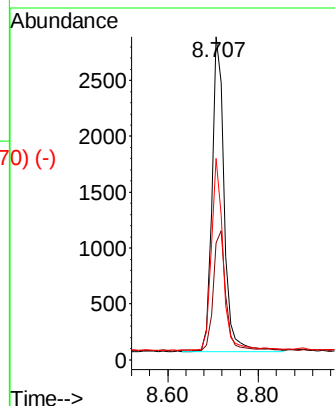
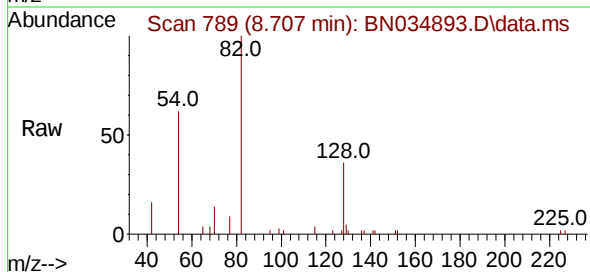
Tgt Ion: 82 Resp: 5294

Ion Ratio Lower Upper

82 100

128 36.2 28.1 42.1

54 62.4 49.8 74.6



2-Methylnaphthalene-d10

Concen: 0.379 ng

RT: 11.935 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BN034893.D

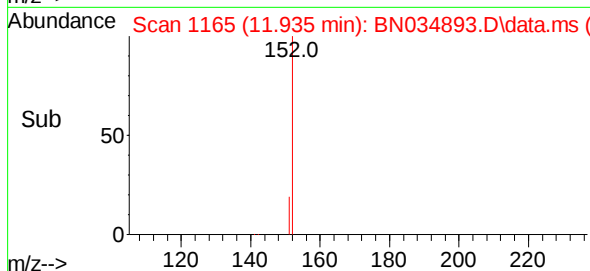
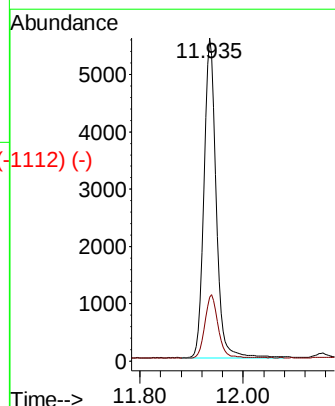
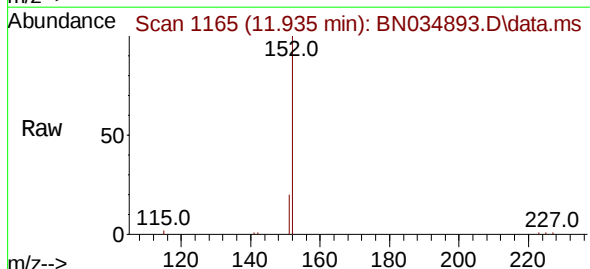
Acq: 07 Nov 2024 15:04

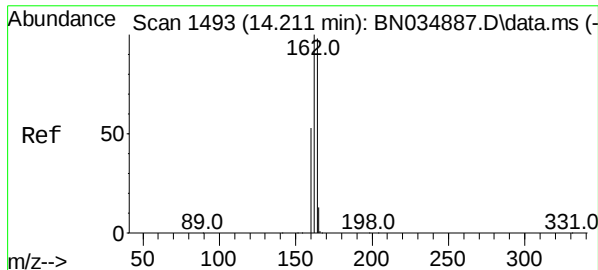
Tgt Ion: 152 Resp: 9239

Ion Ratio Lower Upper

152 100

151 21.7 17.1 25.7





Acenaphthene-d10

Concen: 0.400 ng

RT: 14.208 min Scan# 1493

Delta R.T. -0.003 min

Lab File: BN034893.D

Acq: 07 Nov 2024 15:04

Instrument :

BNA_N

ClientSampleId :

PB164229BL

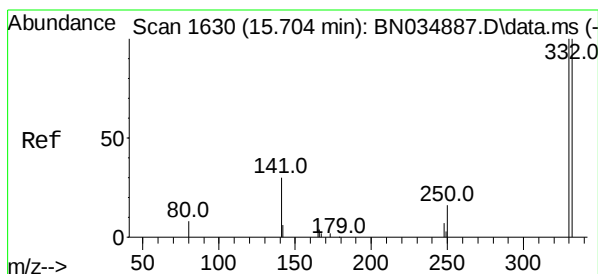
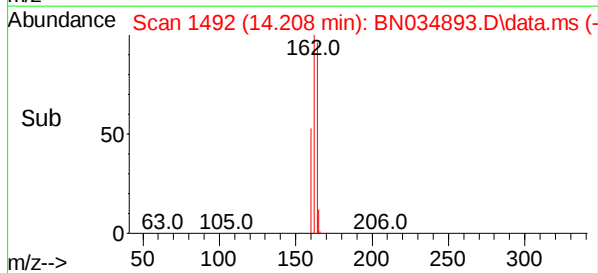
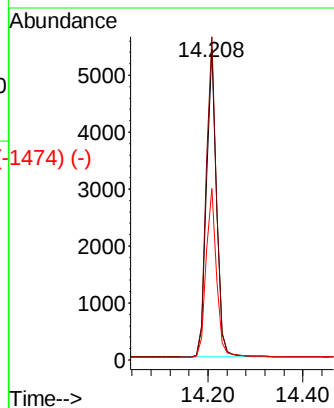
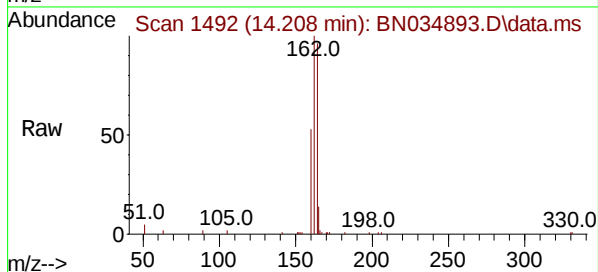
Tgt Ion:164 Resp: 7932

Ion Ratio Lower Upper

164 100

162 103.8 81.9 122.9

160 55.1 43.5 65.3



2,4,6-Tribromophenol

Concen: 0.282 ng

RT: 15.698 min Scan# 1629

Delta R.T. -0.006 min

Lab File: BN034893.D

Acq: 07 Nov 2024 15:04

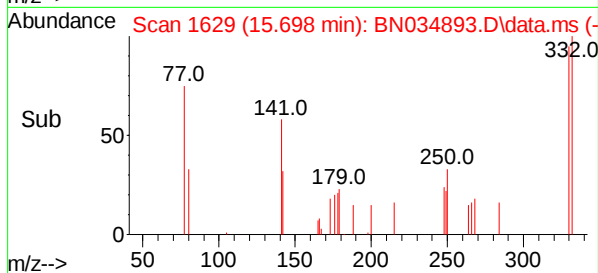
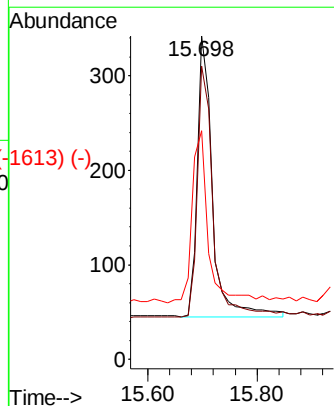
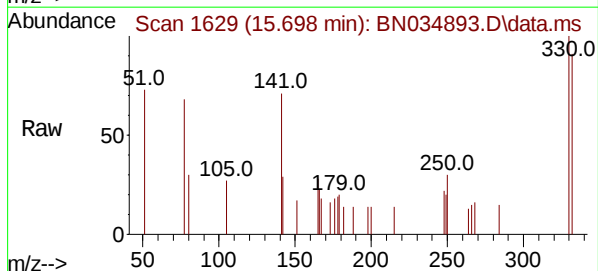
Tgt Ion:330 Resp: 566

Ion Ratio Lower Upper

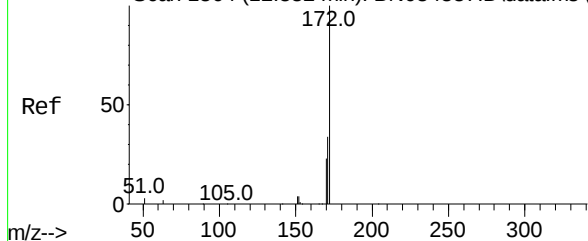
330 100

332 91.5 77.1 115.7

141 65.7 54.1 81.1



Abundance Scan 1364 (12.832 min): BN034887.D\data.ms (-1345) (-)

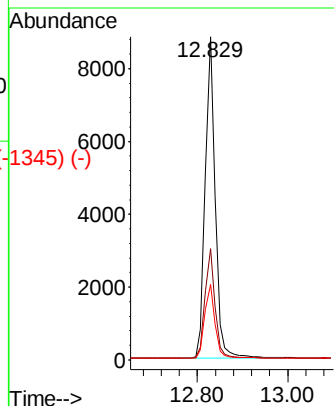
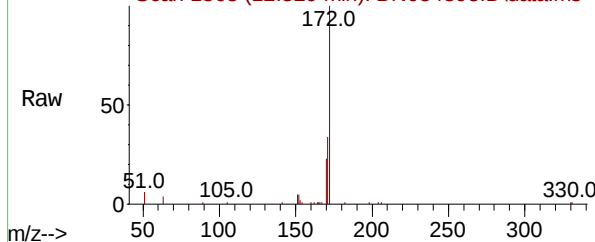


2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.829 min Scan# 1363
Delta R.T. -0.004 min
Lab File: BN034893.D
Acq: 07 Nov 2024 15:04

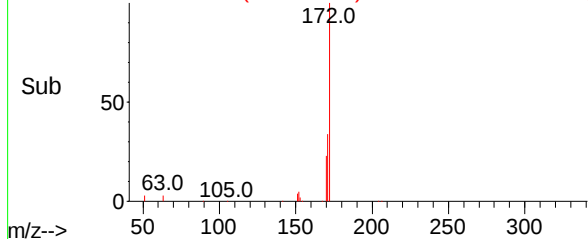
Instrument :
BNA_N
ClientSampleId :
PB164229BL

Tgt Ion:	172	Resp:	13572
Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	23.3	19.0	28.4

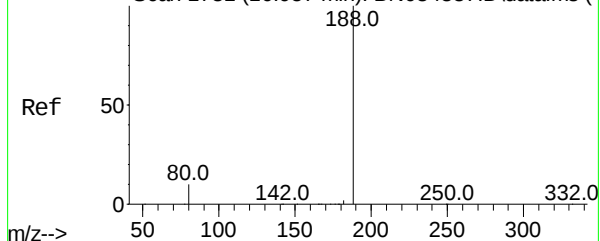
Abundance Scan 1363 (12.829 min): BN034893.D\data.ms



Abundance Scan 1363 (12.829 min): BN034893.D\data.ms (-1345) (-)



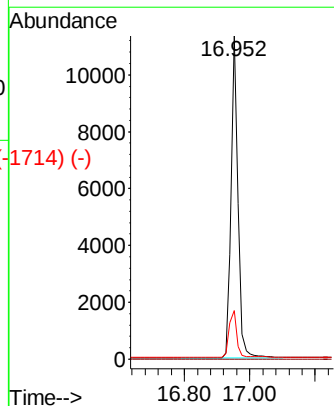
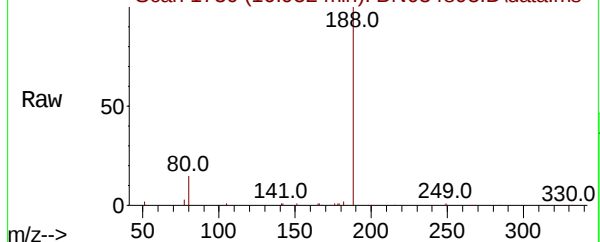
Abundance Scan 1731 (16.957 min): BN034887.D\data.ms (-1714) (-)



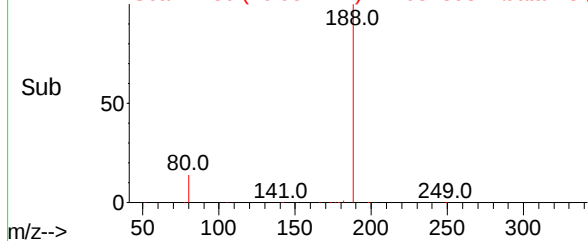
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.952 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BN034893.D
Acq: 07 Nov 2024 15:04

Tgt Ion:	188	Resp:	16492
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.0	8.6	12.8#

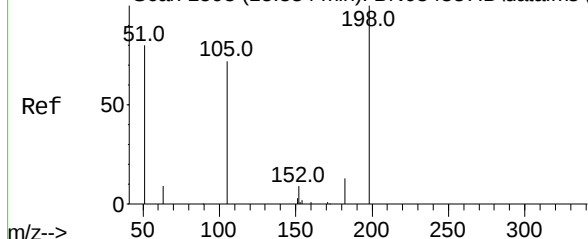
Abundance Scan 1730 (16.952 min): BN034893.D\data.ms



Abundance Scan 1730 (16.952 min): BN034893.D\data.ms (-1714) (-)



Abundance Scan 1598 (15.334 min): BN034887.D\data.ms (-1529) (-)

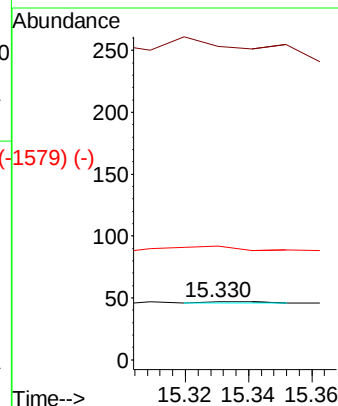
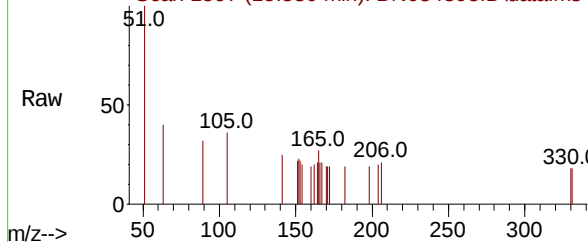


4,6-Dinitro-2-methylphenol
Concen: 0.028 ng
RT: 15.330 min Scan# 1529
Delta R.T. -0.004 min
Lab File: BN034893.D
Acq: 07 Nov 2024 15:04

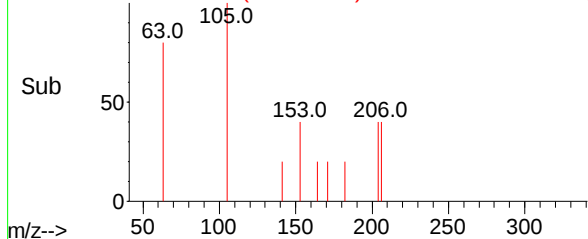
Instrument :
BNA_N
ClientSampleId :
PB164229BL

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 538.3 141.8 212.8#
105 195.7 75.6 113.4#

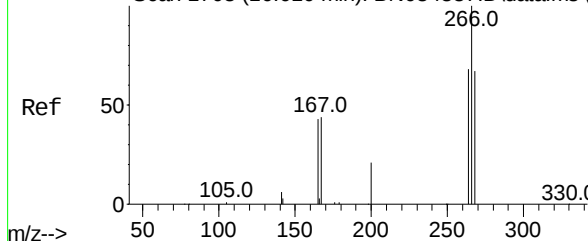
Abundance Scan 1597 (15.330 min): BN034893.D\data.ms



Abundance Scan 1597 (15.330 min): BN034893.D\data.ms (-1579) (-)



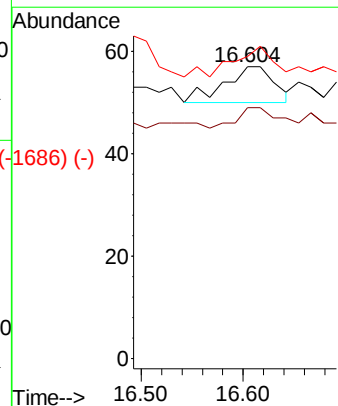
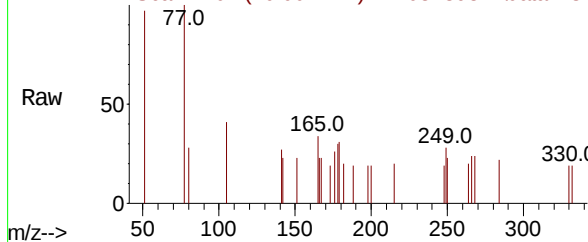
Abundance Scan 1703 (16.610 min): BN034887.D\data.ms (-1629) (-)



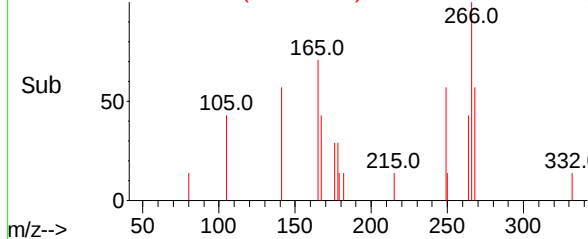
Pentachlorophenol
Concen: 0.057 ng
RT: 16.604 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BN034893.D
Acq: 07 Nov 2024 15:04

Tgt Ion:266 Resp: 24
Ion Ratio Lower Upper
266 100
264 45.8 51.3 76.9#
268 79.2 53.0 79.6

Abundance Scan 1702 (16.604 min): BN034893.D\data.ms



Abundance Scan 1702 (16.604 min): BN034893.D\data.ms (-1686) (-)



Abundance Scan 1959 (18.987 min): BN034887.D\data.ms (-1927) (-)

Fluoranthene-d10

Concen: 0.401 ng

RT: 18.990 min Scan# 1927

Delta R.T. 0.002 min

Lab File: BN034893.D

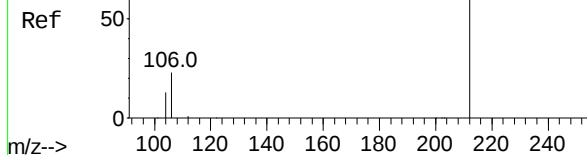
Acq: 07 Nov 2024 15:04

Instrument :

BNA_N

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PB164229BL



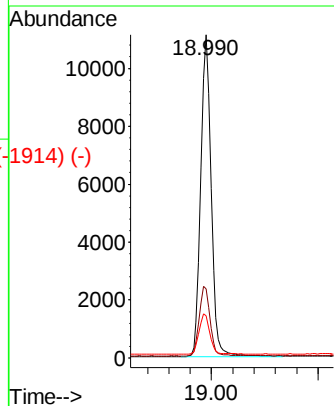
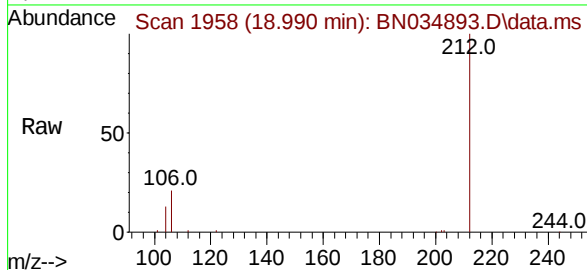
Tgt Ion:212 Resp: 14902

Ion Ratio Lower Upper

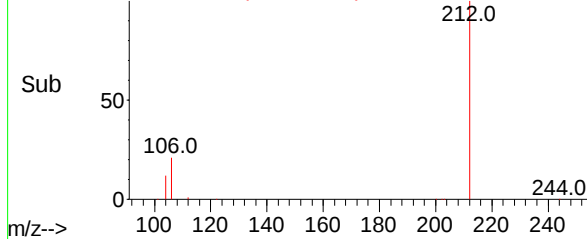
212 100

106 22.3 18.2 27.4

104 13.1 10.6 15.8



Abundance Scan 1958 (18.990 min): BN034893.D\data.ms (-1914) (-)



Abundance Scan 2410 (21.151 min): BN034887.D\data.ms (-2429) (-)

Chrysene-d12

Concen: 0.400 ng

RT: 21.149 min Scan# 2408

Delta R.T. -0.002 min

Lab File: BN034893.D

Acq: 07 Nov 2024 15:04

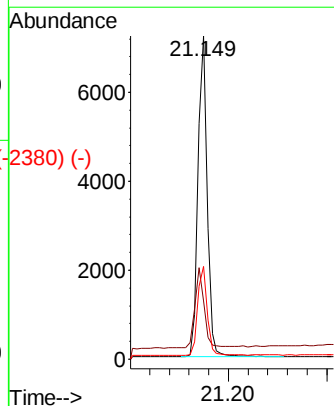
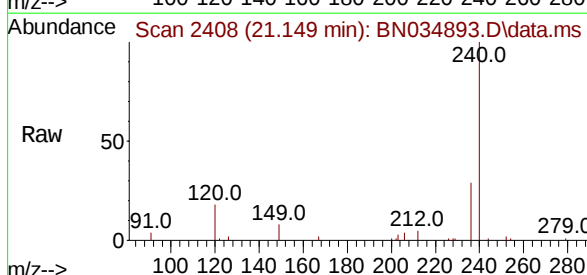
Tgt Ion:240 Resp: 9359

Ion Ratio Lower Upper

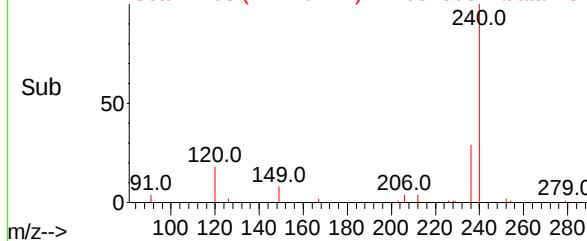
240 100

120 18.0 13.8 20.8

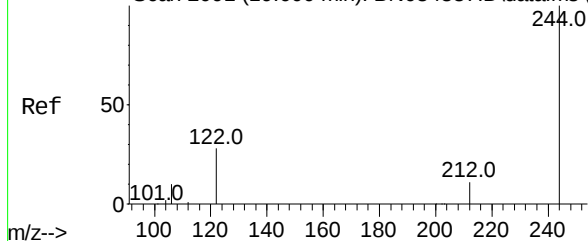
236 28.7 23.8 35.6



Abundance Scan 2408 (21.149 min): BN034893.D\data.ms (-2380) (-)



Abundance Scan 2091 (19.600 min): BN034887.D\data.ms (-2082) (-)



Terphenyl-d14

Concen: 0.519 ng

RT: 19.598 min Scan# 2082

Delta R.T. -0.002 min

Lab File: BN034893.D

Acq: 07 Nov 2024 15:04

Instrument :

BNA_N

ClientSampleId :

PB164229BL

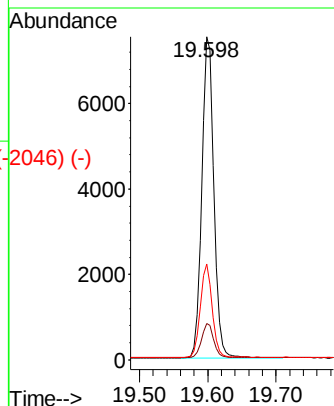
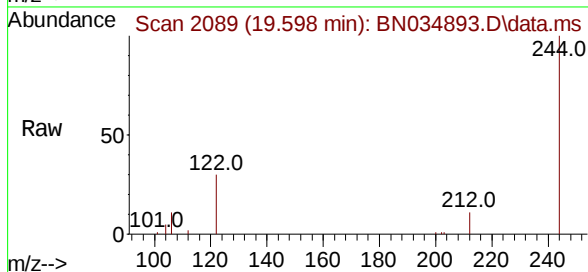
Tgt Ion:244 Resp: 9100

Ion Ratio Lower Upper

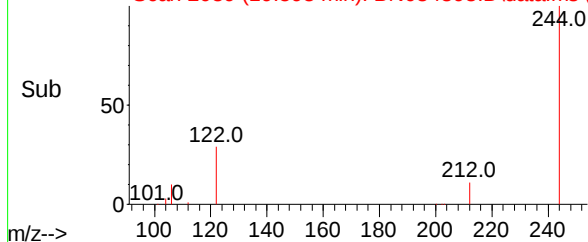
244 100

212 11.2 9.4 14.0

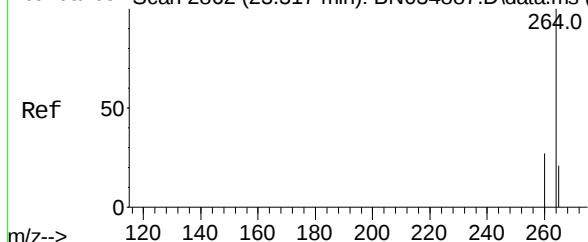
122 29.6 23.0 34.4



Abundance Scan 2089 (19.598 min): BN034893.D\data.ms (-2046) (-)



Abundance Scan 2862 (23.317 min): BN034887.D\data.ms (-2845) (-)



Perylene-d12

Concen: 0.400 ng

RT: 23.318 min Scan# 2859

Delta R.T. 0.001 min

Lab File: BN034893.D

Acq: 07 Nov 2024 15:04

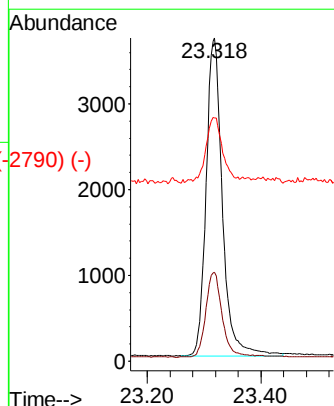
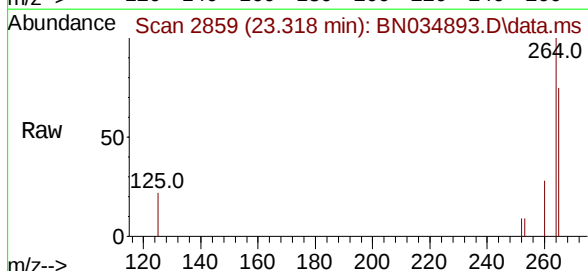
Tgt Ion:264 Resp: 7338

Ion Ratio Lower Upper

264 100

260 27.5 22.2 33.2

265 75.3 60.9 91.3



Abundance Scan 2859 (23.318 min): BN034893.D\data.ms (-2790) (-)

