

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
 Data File : BN029205.D
 Acq On : 28 Dec 2023 09:37
 Operator : MA/JU
 Sample : PB158020BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB158020BL

Quant Time: Dec 28 10:25:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 28 01:20:47 2023
 Response via : Initial Calibration

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

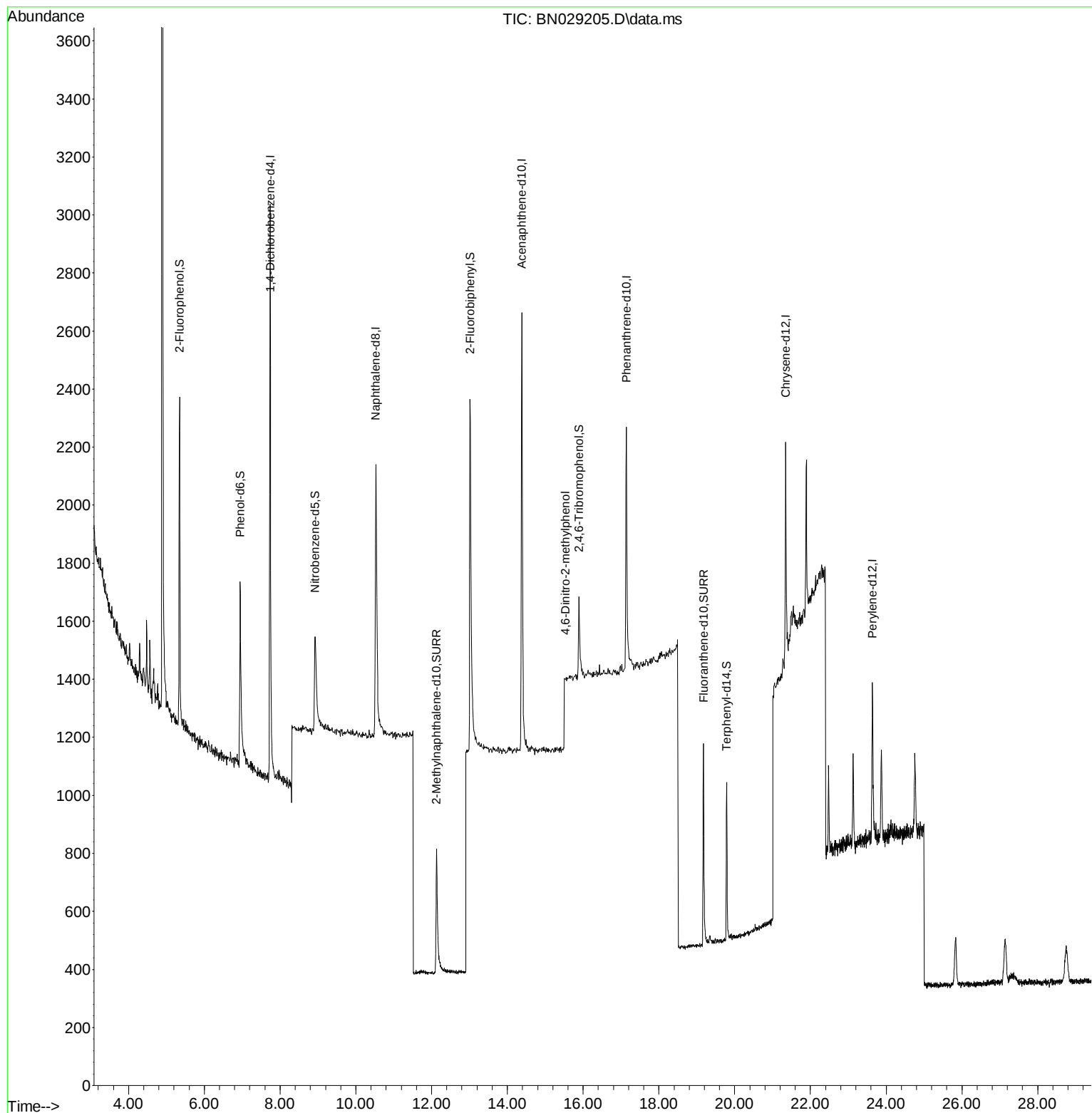
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	1136	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	2008	0.400	ng	0.01
13) Acenaphthene-d10	14.383	164	1171	0.400	ng	0.01
19) Phenanthrene-d10	17.144	188	1764	0.400	ng	0.01
29) Chrysene-d12	21.349	240	644	0.400	ng	0.00
35) Perylene-d12	23.636	264	781	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	906	0.343	ng	0.01
5) Phenol-d6	6.944	99	859	0.290	ng	0.00
8) Nitrobenzene-d5	8.918	82	693	0.275	ng	0.01
11) 2-Methylnaphthalene-d10	12.129	152	1008	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.890	330	233	0.258	ng	0.01
15) 2-Fluorobiphenyl	13.014	172	1740	0.277	ng	0.01
27) Fluoranthene-d10	19.178	212	961	0.267	ng	0.00
31) Terphenyl-d14	19.791	244	564	0.283	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.530	198	1	0.104	ng	Qvalue # 30

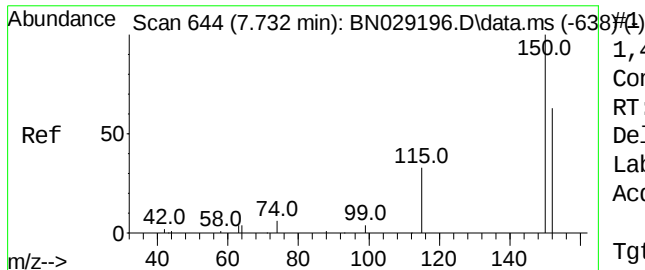
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.739 min Scan# 1

Delta R.T. 0.007 min

Lab File: BN029205.D

Acq: 28 Dec 2023 09:37

Instrument :

BNA_N

ClientSampleId :

PB158020BL

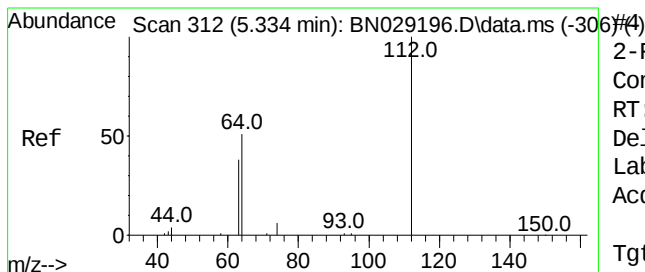
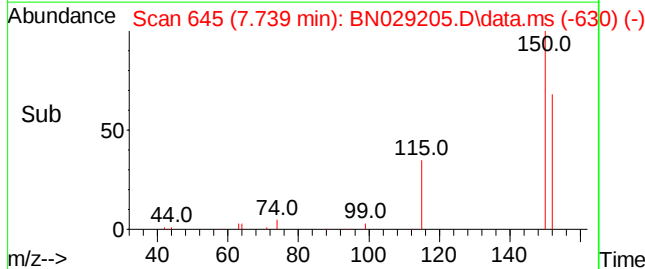
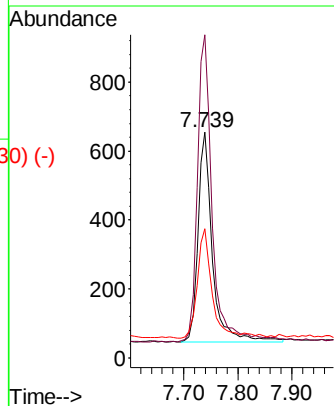
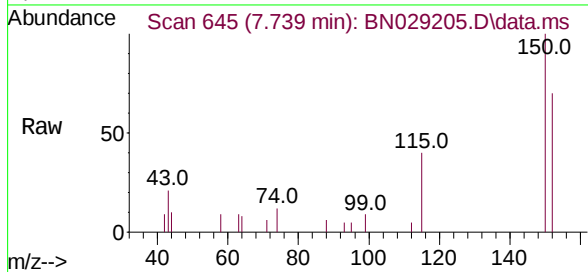
Tgt Ion:152 Resp: 1136

Ion Ratio Lower Upper

152 100

150 143.1 122.2 183.2

115 57.1 48.2 72.4



2-Fluorophenol

Concen: 0.343 ng

RT: 5.348 min Scan# 314

Delta R.T. 0.014 min

Lab File: BN029205.D

Acq: 28 Dec 2023 09:37

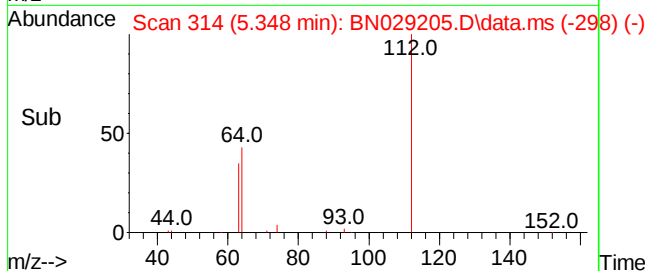
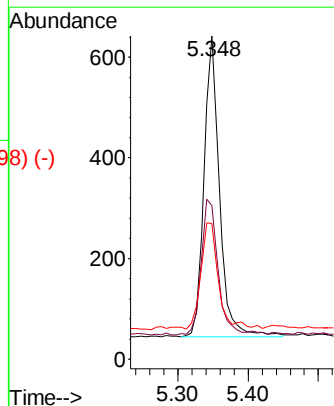
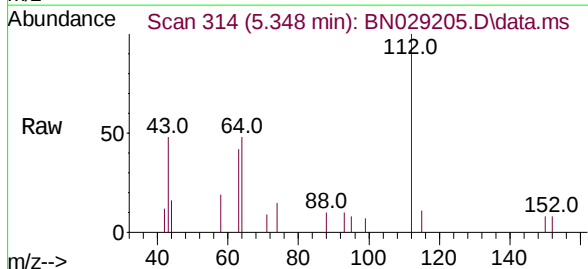
Tgt Ion:112 Resp: 906

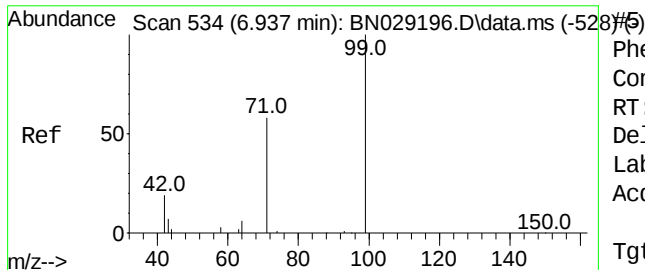
Ion Ratio Lower Upper

112 100

64 48.8 38.8 58.2

63 39.7 30.6 45.8





Phenol-d6

Concen: 0.290 ng

RT: 6.944 min Scan# 534

Delta R.T. 0.007 min

Lab File: BN029205.D

Acq: 28 Dec 2023 09:37

Instrument :

BNA_N

ClientSampleId :

PB158020BL

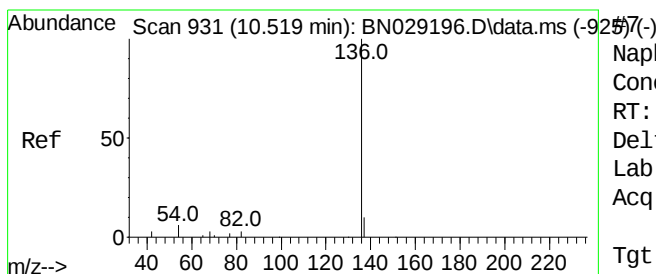
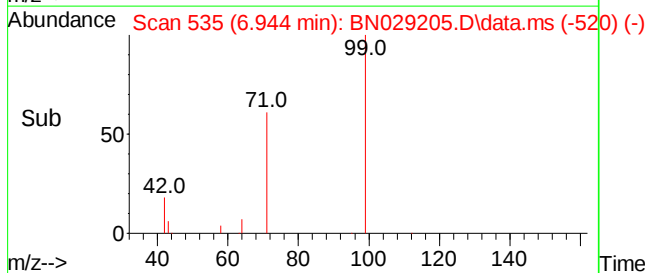
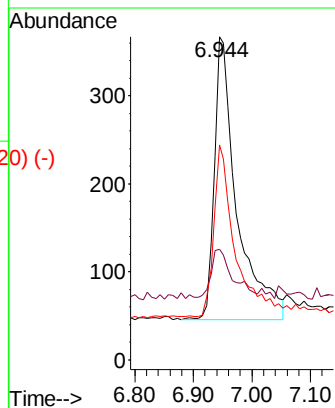
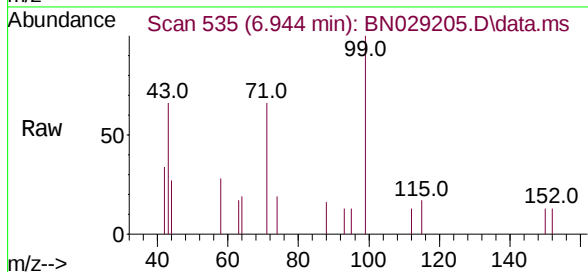
Tgt Ion: 99 Resp: 859

Ion Ratio Lower Upper

99 100

42 15.8 18.3 27.5#

71 58.8 48.6 73.0



Naphthalene-d8

Concen: 0.400 ng

RT: 10.530 min Scan# 932

Delta R.T. 0.011 min

Lab File: BN029205.D

Acq: 28 Dec 2023 09:37

Tgt Ion:136 Resp: 2008

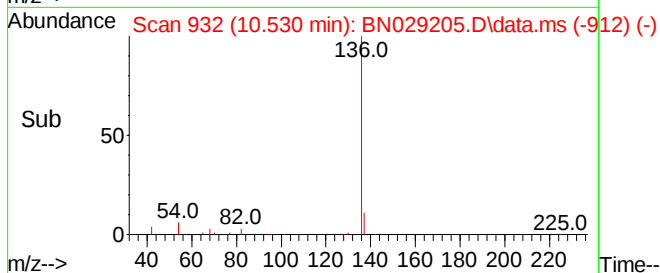
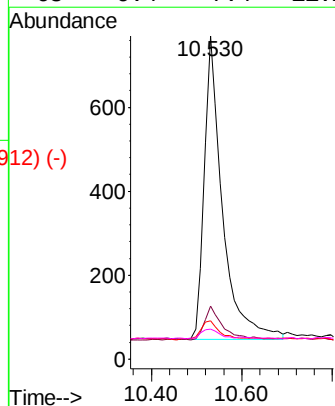
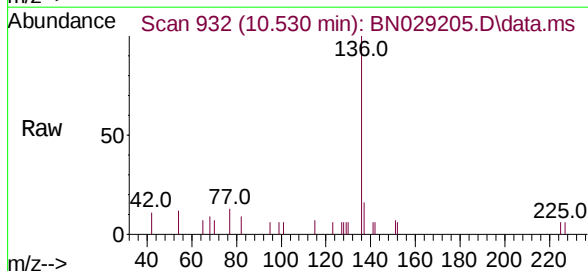
Ion Ratio Lower Upper

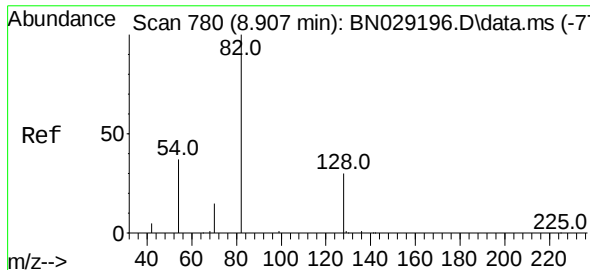
136 100

137 16.5 13.0 19.4

54 11.9 9.8 14.6

68 9.4 7.4 11.2





Nitrobenzene-d5

Concen: 0.275 ng

RT: 8.918 min Scan#

Delta R.T. 0.011 min

Lab File: BN029205.D

Acq: 28 Dec 2023 09:37

Instrument :

BNA_N

ClientSampleId :

PB158020BL

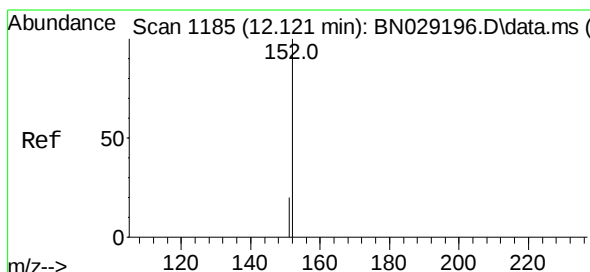
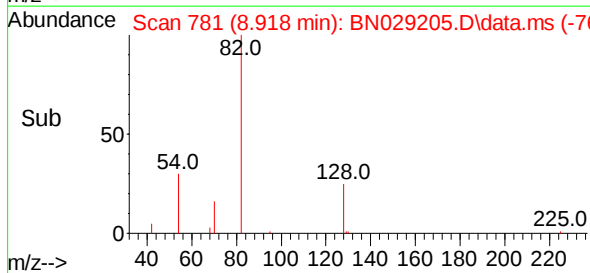
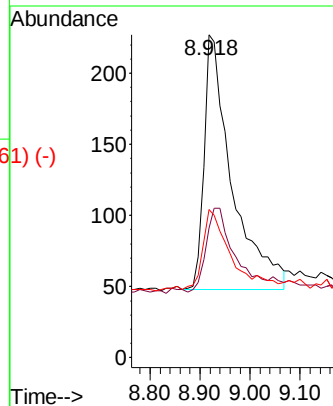
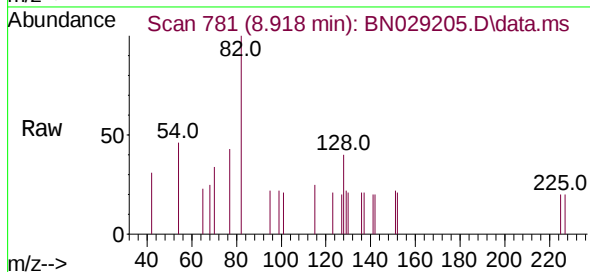
Tgt Ion: 82 Resp: 693

Ion Ratio Lower Upper

82 100

128 40.1 34.2 51.2

54 45.8 38.8 58.2



2-Methylnaphthalene-d10

Concen: 0.290 ng

RT: 12.129 min Scan# 1187

Delta R.T. 0.008 min

Lab File: BN029205.D

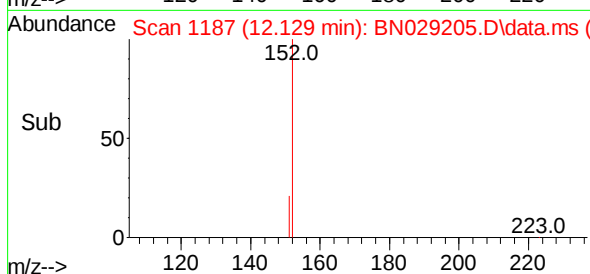
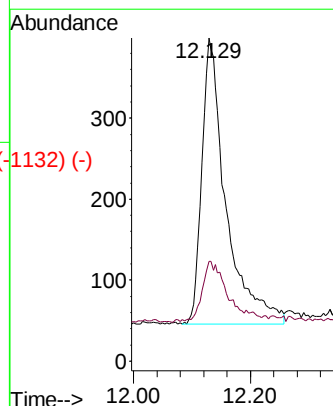
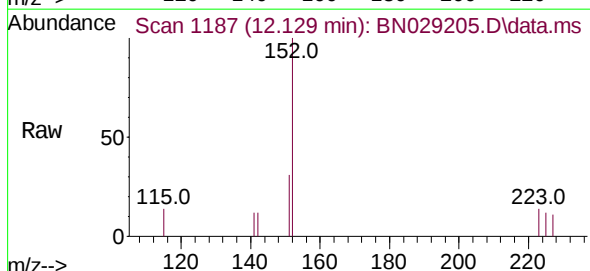
Acq: 28 Dec 2023 09:37

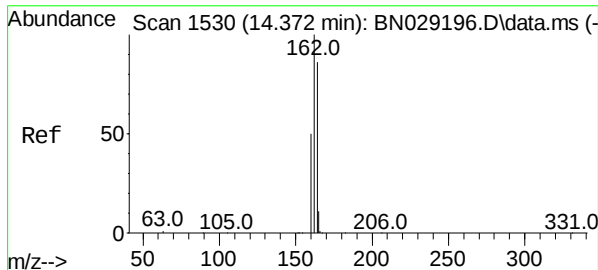
Tgt Ion: 152 Resp: 1008

Ion Ratio Lower Upper

152 100

151 20.3 16.6 24.8





Acenaphthene-d10

Concen: 0.400 ng

RT: 14.383 min Scan# 1530

Delta R.T. 0.011 min

Lab File: BN029205.D

Acq: 28 Dec 2023 09:37

Instrument :

BNA_N

ClientSampleId :

PB158020BL

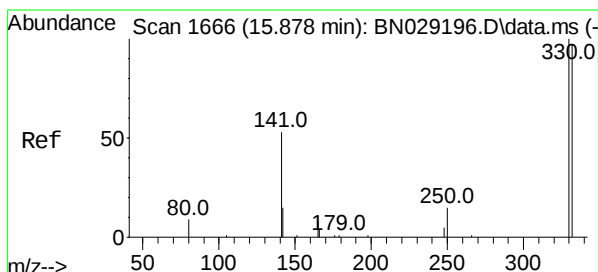
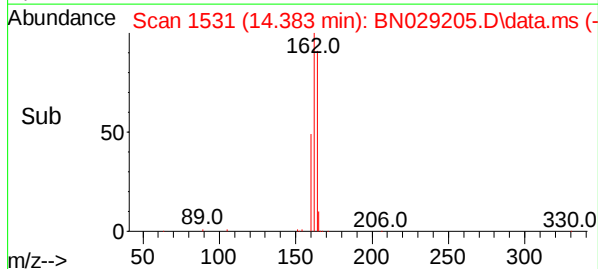
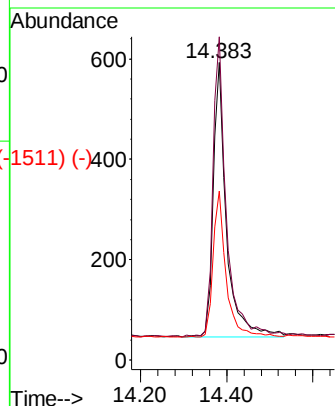
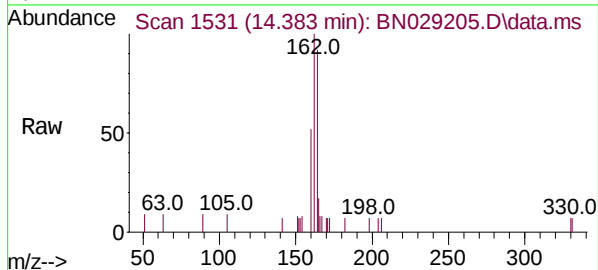
Tgt Ion:164 Resp: 1171

Ion Ratio Lower Upper

164 100

162 108.6 91.8 137.8

160 56.8 49.4 74.2



2,4,6-Tribromophenol

Concen: 0.258 ng

RT: 15.890 min Scan# 1667

Delta R.T. 0.012 min

Lab File: BN029205.D

Acq: 28 Dec 2023 09:37

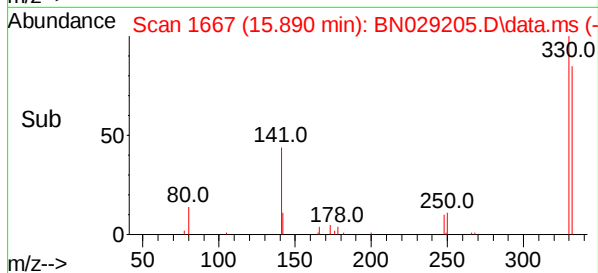
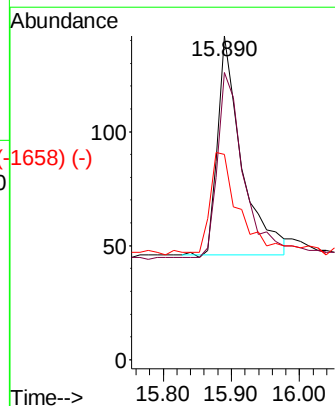
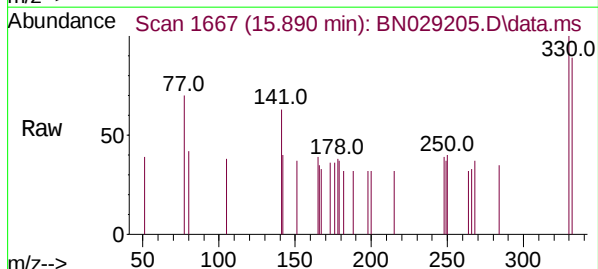
Tgt Ion:330 Resp: 233

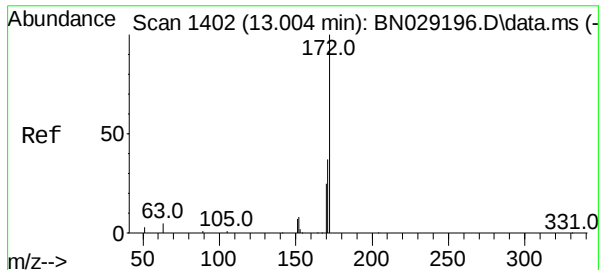
Ion Ratio Lower Upper

330 100

332 91.0 74.4 111.6

141 53.6 46.7 70.1

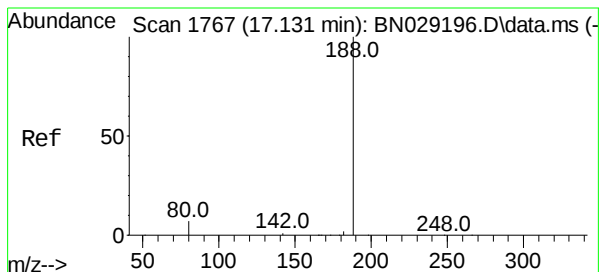
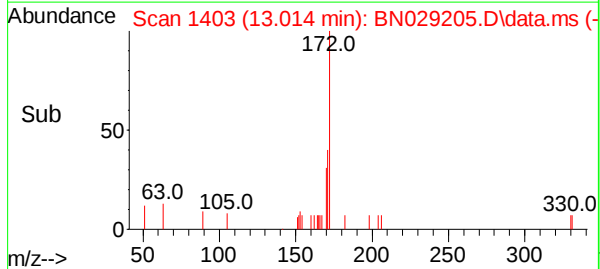
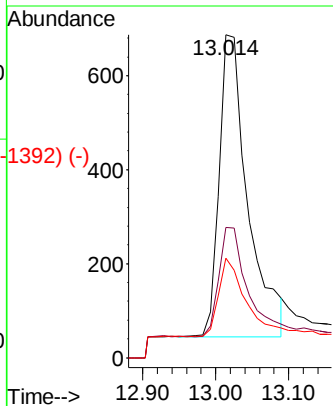
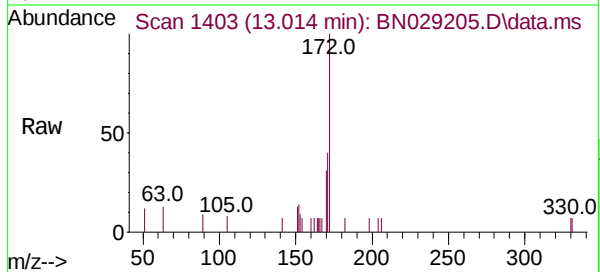




2-Fluorobiphenyl
 Concen: 0.277 ng
 RT: 13.014 min Scan# 1403
 Delta R.T. 0.011 min
 Lab File: BN029205.D
 Acq: 28 Dec 2023 09:37

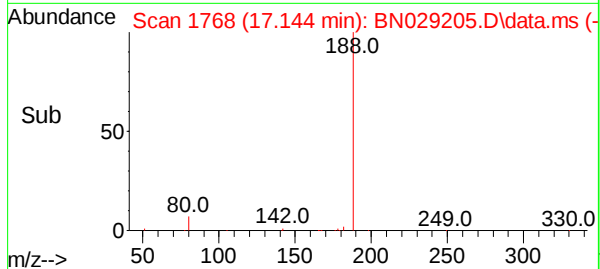
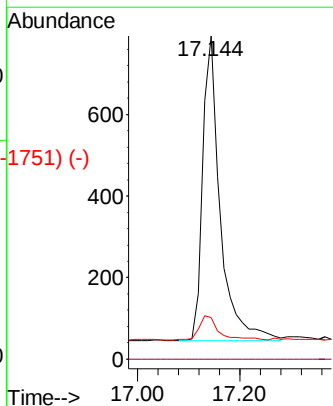
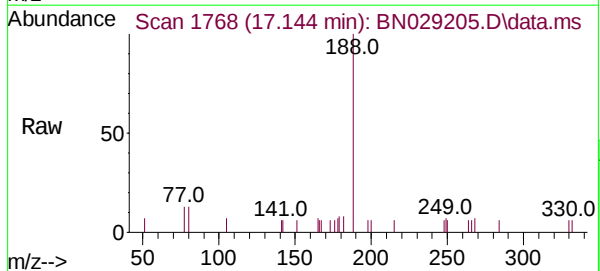
Instrument :
 BNA_N
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 PB158020BL

Tgt Ion:	172	Resp:	1740
Ion	Ratio	Lower	Upper
172	100		
171	40.3	32.8	49.2
170	30.9	24.0	36.0



Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.144 min Scan# 1768
 Delta R.T. 0.012 min
 Lab File: BN029205.D
 Acq: 28 Dec 2023 09:37

Tgt Ion:	188	Resp:	1764
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	8.8	13.2



Abundance Scan 1638 (15.530 min): BN029196.D\data.ms (-1629) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.104 ng

RT: 15.530 min Scan# 1638

Delta R.T. 0.000 min

Lab File: BN029205.D

Acq: 28 Dec 2023 09:37

Instrument :

BNA_N

ClientSampleId :

PB158020BL

Ref

Abundance Scan 1638 (15.530 min): BN029205.D\data.ms

Raw

Sub

Abundance Scan 1638 (15.530 min): BN029205.D\data.ms

Raw

Sub

Abundance Scan 1638 (15.530 min): BN029205.D\data.ms

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Abundance Scan 1638 (15.530 min): BN029205.D\data.ms

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Abundance Scan 1638 (15.530 min): BN029205.D\data.ms

Raw

Sub

Abundance Scan 1638 (15.530 min): BN029205.D\data.ms

Raw

Sub

Abundance Scan 1638 (15.530 min): BN029205.D\data.ms

Raw

Sub

Tgt Ion:198 Resp: 1

Ion Ratio Lower Upper

198 100

51 121.7 47.4 71.2#

105 115.2 54.5 81.7#

Abundance

15.530

Time-->

Abundance Scan 2021 (19.173 min): BN029196.D\data.ms (-2029) (-)

Fluoranthene-d10

Concen: 0.267 ng

RT: 19.178 min Scan# 2022

Delta R.T. 0.005 min

Lab File: BN029205.D

Acq: 28 Dec 2023 09:37

Ref

Abundance Scan 2022 (19.178 min): BN029205.D\data.ms

Raw

Sub

Abundance Scan 2022 (19.178 min): BN029205.D\data.ms

Raw

Sub

Abundance Scan 2022 (19.178 min): BN029205.D\data.ms

Raw

Sub

Abundance Scan 2022 (19.178 min): BN029205.D\data.ms

Raw

Sub

Abundance Scan 2022 (19.178 min): BN029205.D\data.ms

Raw

Sub

Abundance Scan 2022 (19.178 min): BN029205.D\data.ms

Raw

Sub

Abundance Scan 2022 (19.178 min): BN029205.D\data.ms

Raw

Sub

Abundance Scan 2022 (19.178 min): BN029205.D\data.ms

Raw

Sub

Abundance Scan 2022 (19.178 min): BN029205.D\data.ms

Raw

Sub

Abundance Scan 2022 (19.178 min): BN029205.D\data.ms

Raw

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Abundance Scan 2022 (19.178 min): BN029205.D\data.ms

Raw

Sub

Abundance Scan 2022 (19.178 min): BN029205.D\data.ms

Raw

Sub

Abundance Scan 2022 (19.178 min): BN029205.D\data.ms

Raw

Sub

Tgt Ion:212 Resp: 961

Ion Ratio Lower Upper

212 100

106 10.5 9.7 14.5

104 8.1 6.3 9.5

Abundance

19.178

Time-->

Abundance Scan 2453 (21.340 min): BN029196.D\data.ms (-2431) (-)

Chrysene-d12

Concen: 0.400 ng

RT: 21.349 min Scan# 2154

Delta R.T. 0.009 min

Lab File: BN029205.D

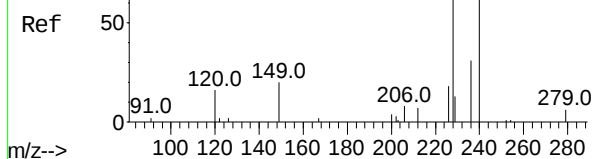
Acq: 28 Dec 2023 09:37

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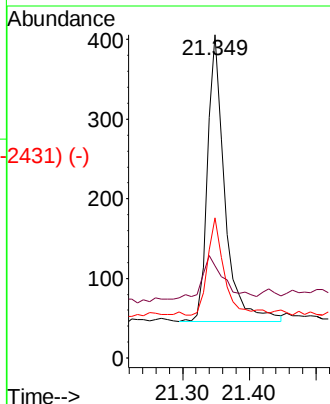
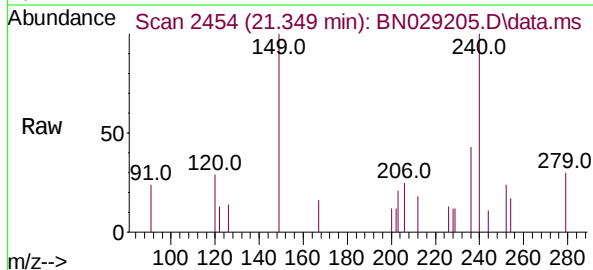
Tgt Ion:240 Resp: 644

Ion Ratio Lower Upper

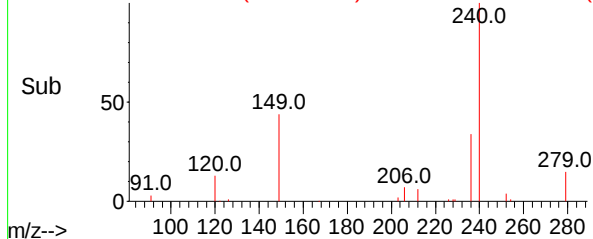
240 100

120 28.6 24.6 36.8

236 43.3 32.0 48.0



Abundance Scan 2454 (21.349 min): BN029205.D\data.ms (-2431) (-)



Abundance Scan 2153 (19.787 min): BN029196.D\data.ms (-2121) (-)

Terphenyl-d14

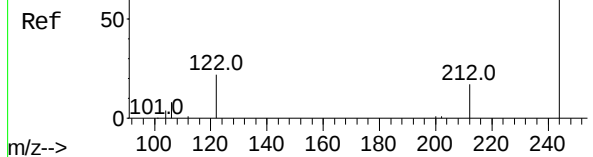
Concen: 0.283 ng

RT: 19.791 min Scan# 2154

Delta R.T. 0.005 min

Lab File: BN029205.D

Acq: 28 Dec 2023 09:37



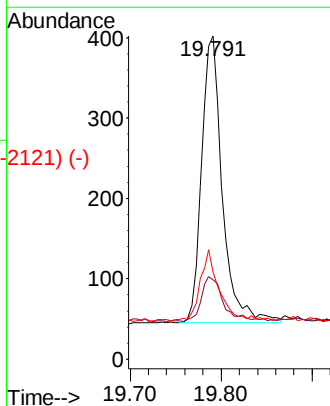
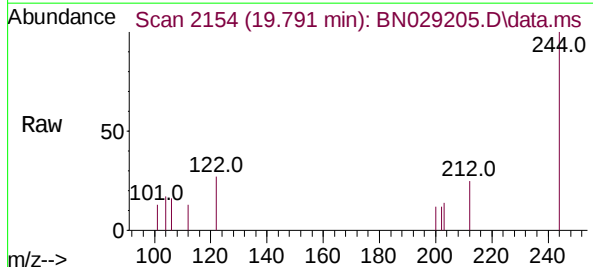
Tgt Ion:244 Resp: 564

Ion Ratio Lower Upper

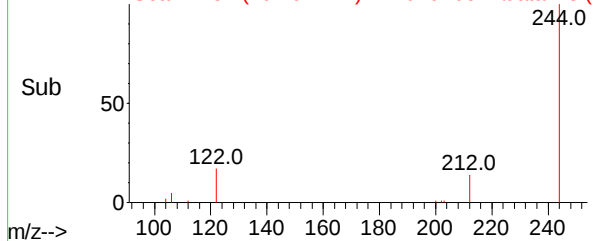
244 100

212 24.6 20.1 30.1

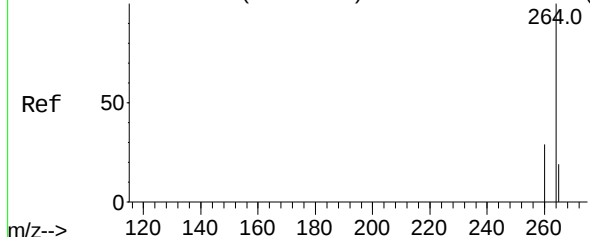
122 26.9 23.9 35.9



Abundance Scan 2154 (19.791 min): BN029205.D\data.ms (-2121) (-)



Abundance Scan 2990 (23.628 min): BN029196.D\data.ms (-2939) (-)



Perylene-d12

Concen: 0.400 ng

RT: 23.636 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN029205.D

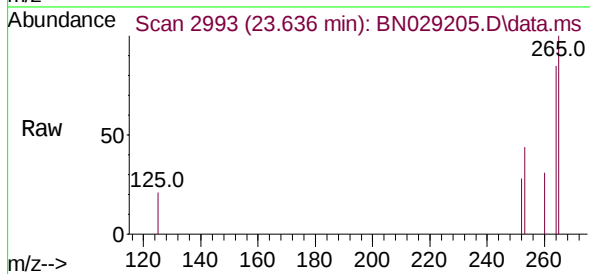
Acq: 28 Dec 2023 09:37

Instrument :

BNA_N

ClientSampleId :

PB158020BL



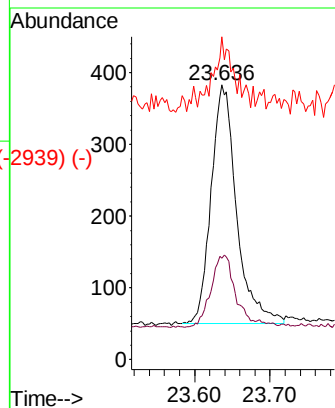
Tgt Ion:264 Resp: 781

Ion Ratio Lower Upper

264 100

260 36.8 30.2 45.4

265 117.5 88.1 132.1



Abundance Scan 2993 (23.636 min): BN029205.D\data.ms (-2939) (-)

