

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027185.D
 Acq On : 27 Aug 2023 11:34
 Operator : MA/JU
 Sample : 04051-11
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20230816

Quant Time: Aug 28 00:43:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

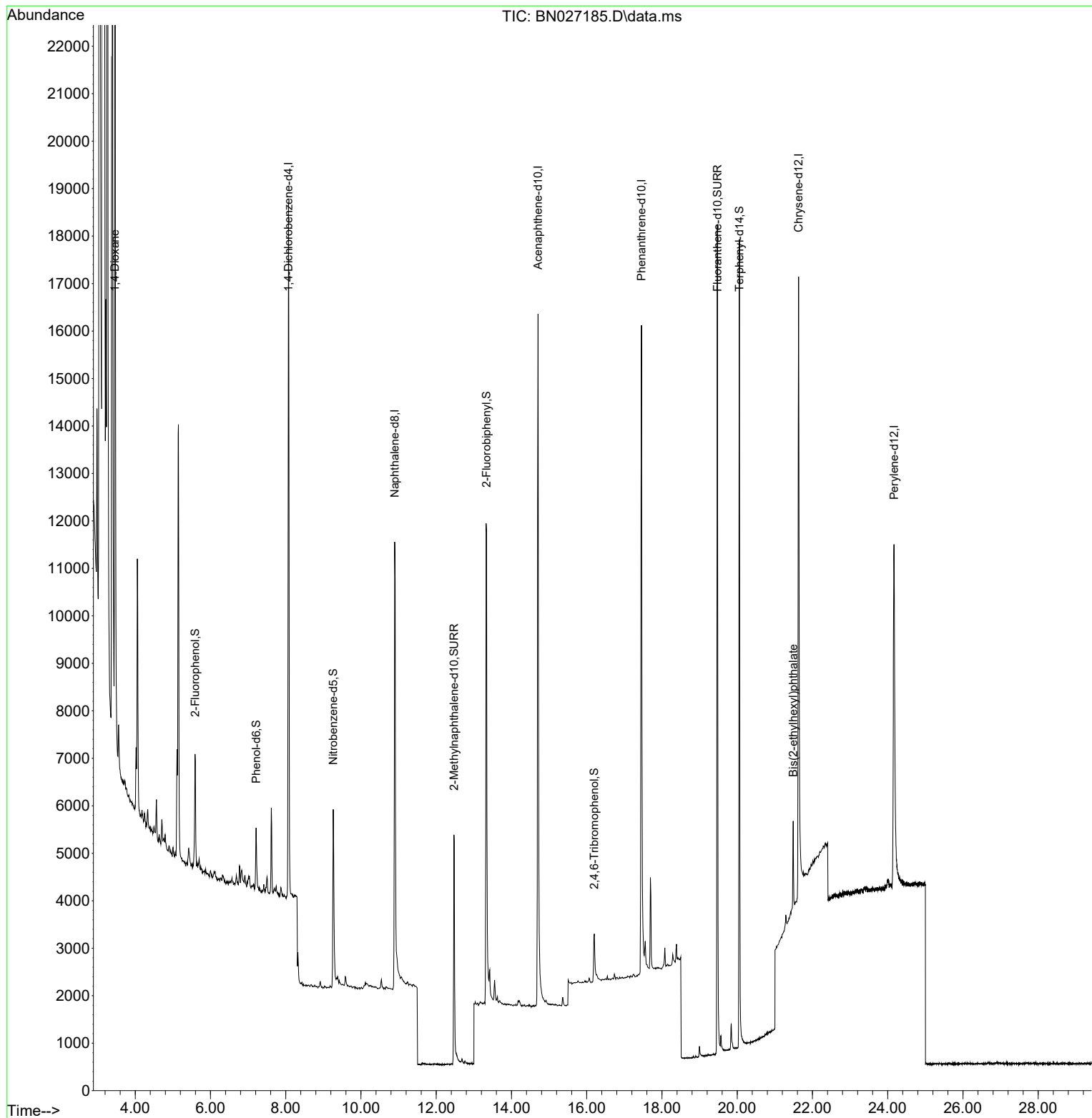
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	7160	0.400	ng	-0.01
7) Naphthalene-d8	10.895	136	16014	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	10384	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	23895	0.400	ng	0.00
29) Chrysene-d12	21.632	240	16843	0.400	ng	# 0.00
35) Perylene-d12	24.168	264	14530	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2025	0.100	ng	0.00
5) Phenol-d6	7.214	99	1365	0.055	ng	0.00
8) Nitrobenzene-d5	9.262	82	3460	0.256	ng	-0.01
11) 2-Methylnaphthalene-d10	12.472	152	7550	0.297	ng	-0.01
14) 2,4,6-Tribromophenol	16.201	330	786	0.142	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	11621	0.301	ng	0.00
27) Fluoranthene-d10	19.472	212	20340	0.332	ng	0.00
31) Terphenyl-d14	20.057	244	17427	0.495	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	18545	2.408	ng	# 97
34) Bis(2-ethylhexyl)phtha...	21.488	149	2077	0.047	ng	# 94

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

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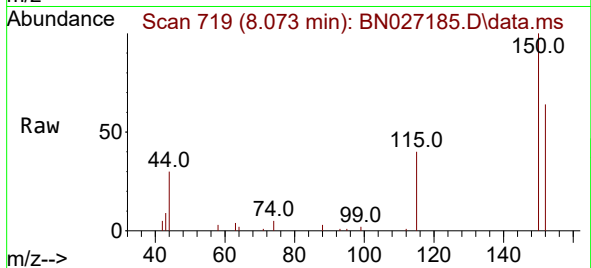
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



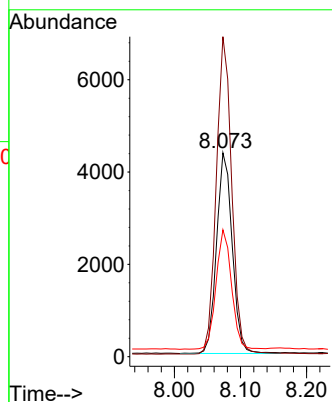
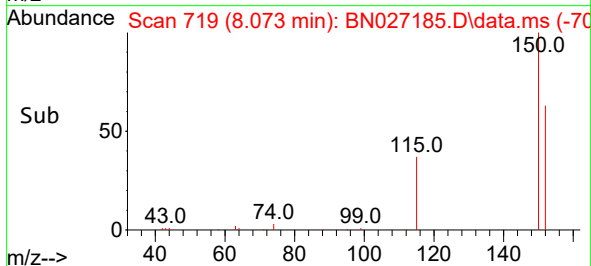


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 71
Delta R.T. -0.015 min
Lab File: BN027185.D
Acq: 27 Aug 2023 11:34

Instrument :
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RE109D3-20230816

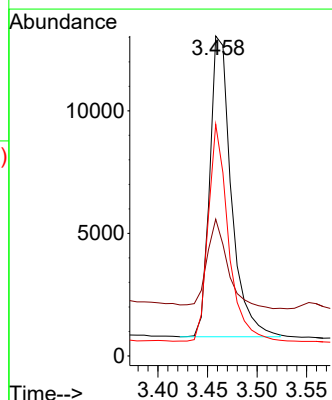
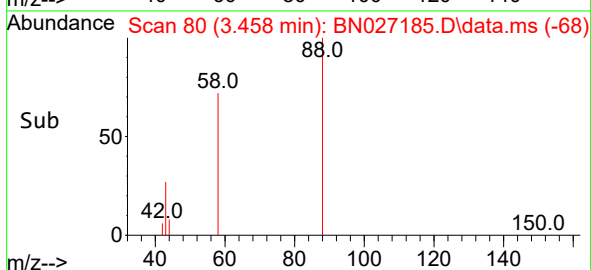
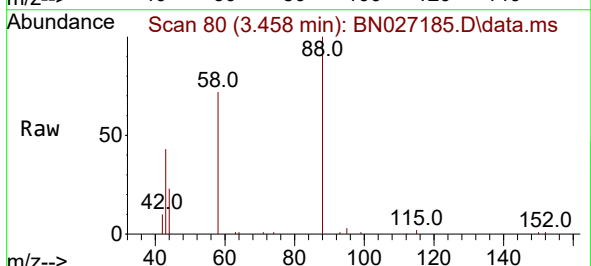


Tgt Ion:152 Resp: 7160
Ion Ratio Lower Upper
152 100
150 157.0 123.8 185.6
115 62.3 49.7 74.5



#2
1,4-Dioxane
Concen: 2.408 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.014 min
Lab File: BN027185.D
Acq: 27 Aug 2023 11:34

Tgt Ion: 88 Resp: 18545
Ion Ratio Lower Upper
88 100
43 28.9 19.2 28.8#
58 67.2 54.5 81.7

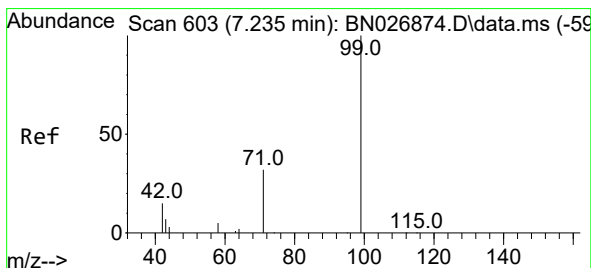
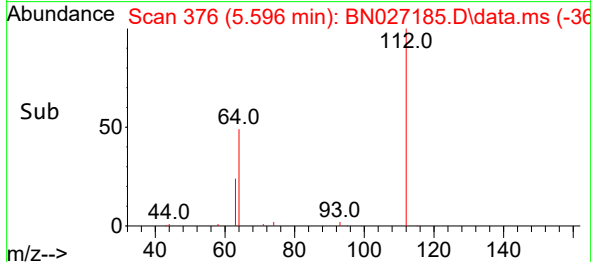
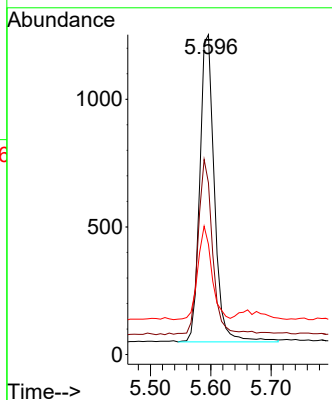
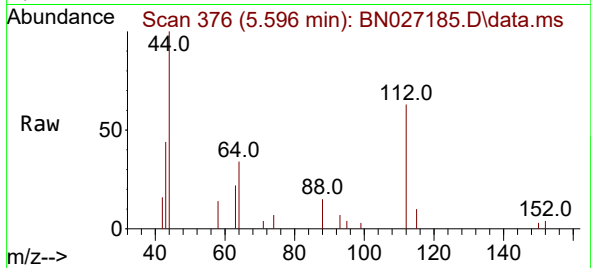




#4
2-Fluorophenol
Concen: 0.100 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027185.D
Acq: 27 Aug 2023 11:34

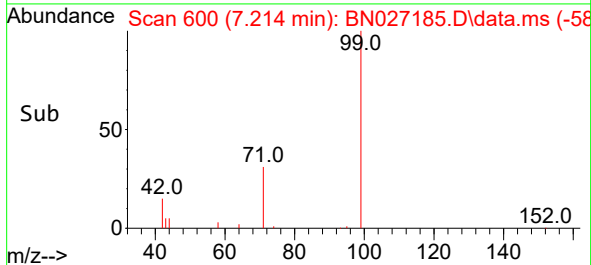
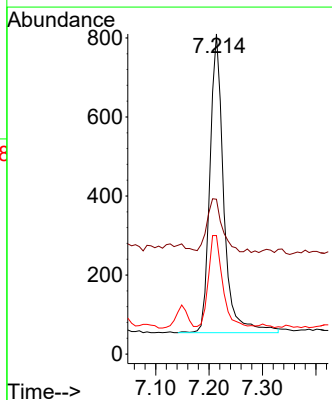
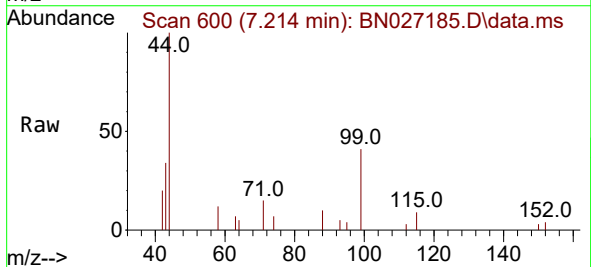
Instrument :
BNA_N
ClientSampleId :
RE109D3-20230816

Tgt Ion:112 Resp: 2025
Ion Ratio Lower Upper
112 100
64 55.4 41.5 62.3
63 28.8 21.7 32.5



#5
Phenol-d6
Concen: 0.055 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027185.D
Acq: 27 Aug 2023 11:34

Tgt Ion: 99 Resp: 1365
Ion Ratio Lower Upper
99 100
42 19.0 13.6 20.4
71 31.6 26.0 39.0

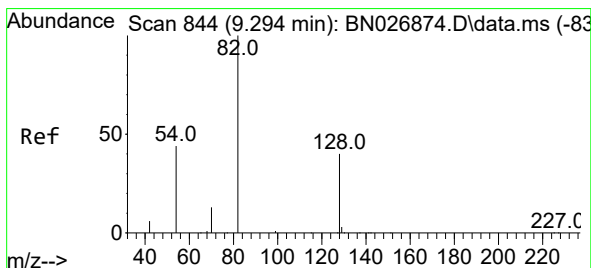
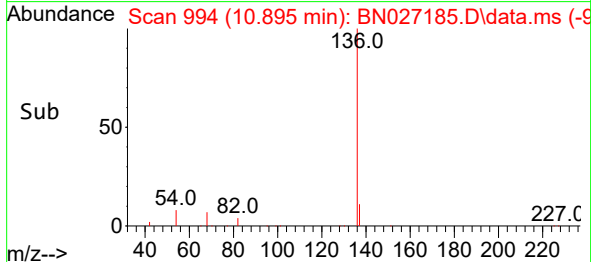
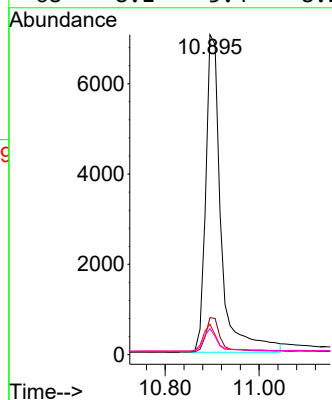
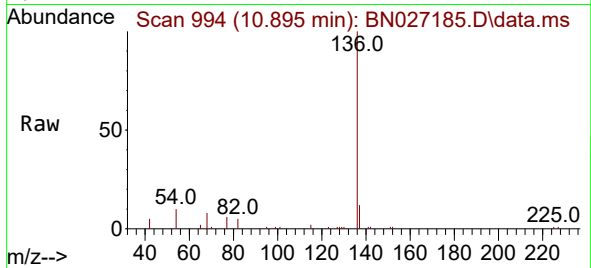




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN027185.D
Acq: 27 Aug 2023 11:34

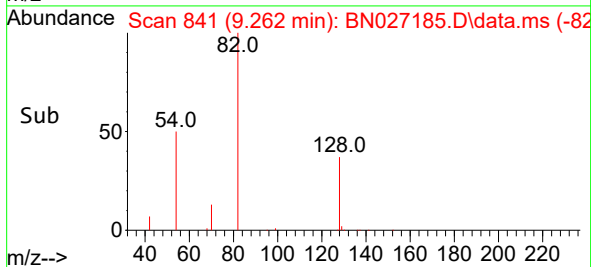
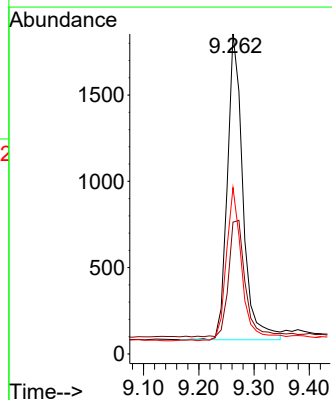
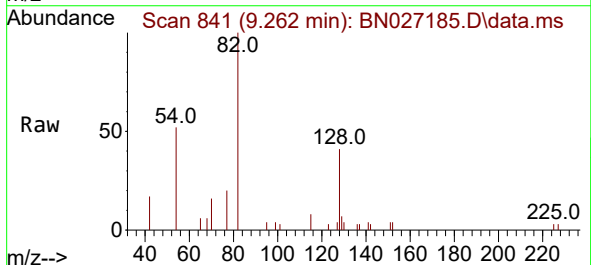
Instrument :
BNA_N
ClientSampleId :
RE109D3-20230816

Tgt Ion:	136	Resp:	16014
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.5	5.5	8.3#
68	8.1	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027185.D
Acq: 27 Aug 2023 11:34

Tgt Ion:	82	Resp:	3460
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.1	51.1
54	52.0	37.0	55.4

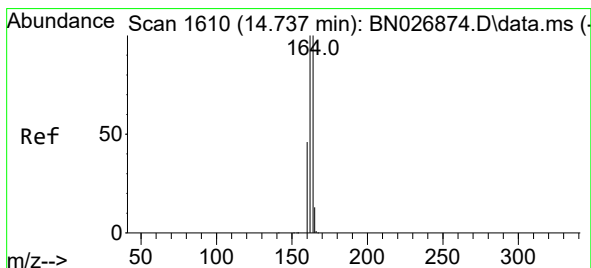
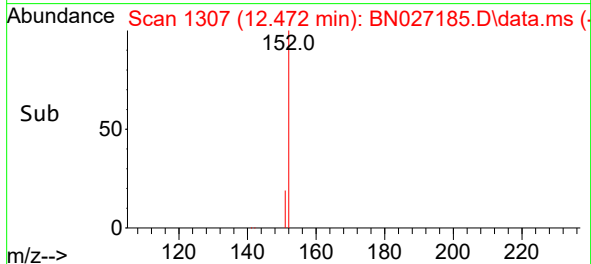
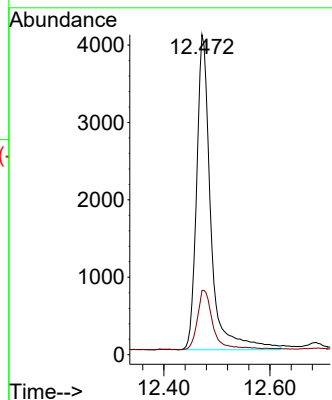
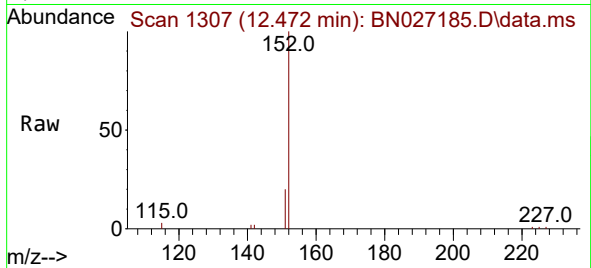




#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.472 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN027185.D
Acq: 27 Aug 2023 11:34

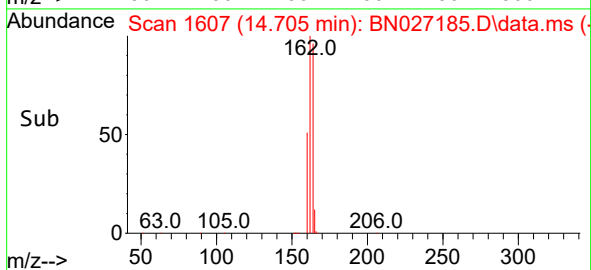
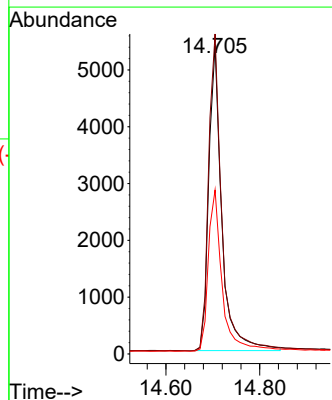
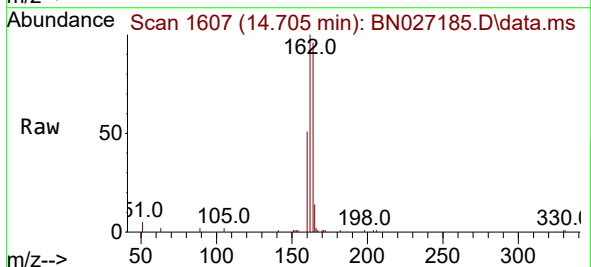
Instrument :
BNA_N
ClientSampleId :
RE109D3-20230816

Tgt Ion:152 Resp: 7550
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN027185.D
Acq: 27 Aug 2023 11:34

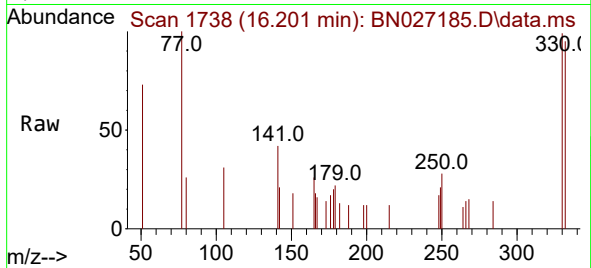
Tgt Ion:164 Resp: 10384
Ion Ratio Lower Upper
164 100
162 103.8 79.7 119.5
160 53.2 37.4 56.0



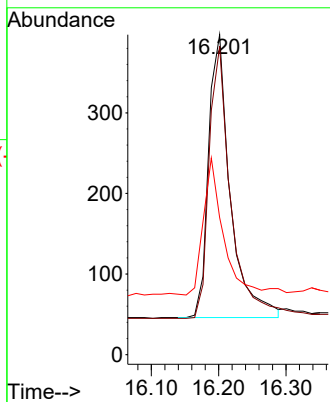
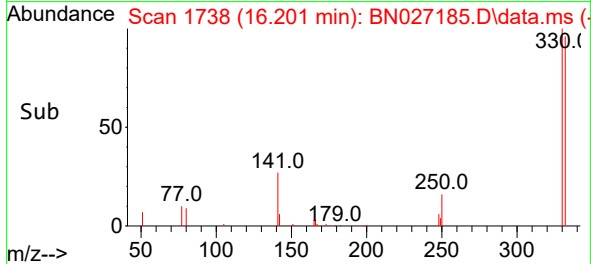


#14
2,4,6-Tribromophenol
Concen: 0.142 ng
RT: 16.201 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027185.D
Acq: 27 Aug 2023 11:34

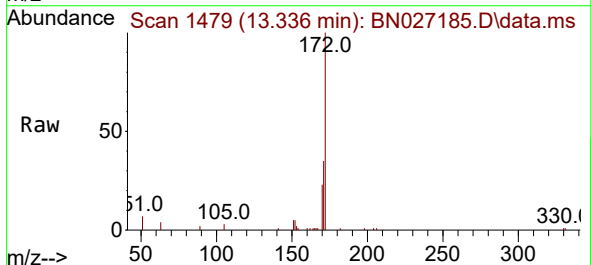
Instrument :
BNA_N
ClientSampleId :
RE109D3-20230816



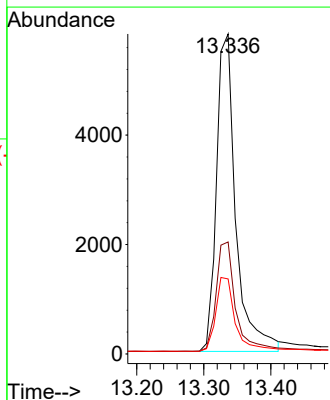
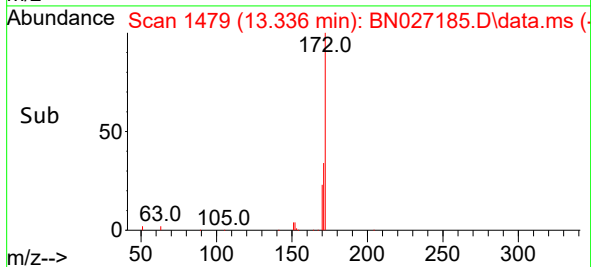
Tgt Ion:330 Resp: 786
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 44.4 32.3 48.5

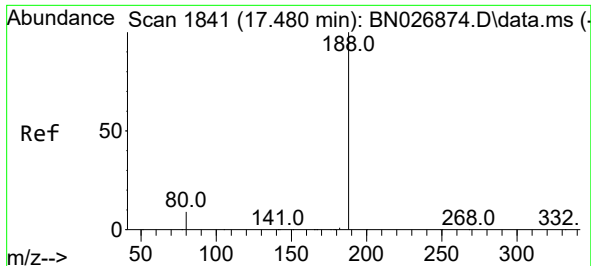


#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027185.D
Acq: 27 Aug 2023 11:34



Tgt Ion:172 Resp: 11621
Ion Ratio Lower Upper
172 100
171 35.0 27.4 41.0
170 23.4 18.0 27.0

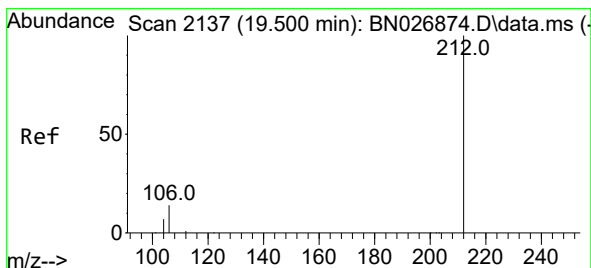
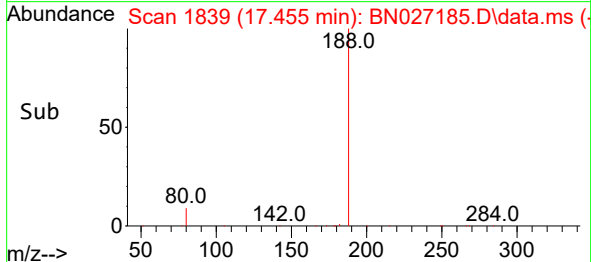
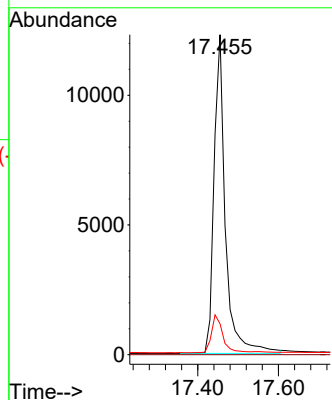
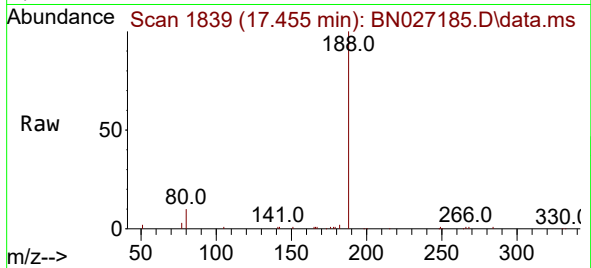




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027185.D
Acq: 27 Aug 2023 11:34

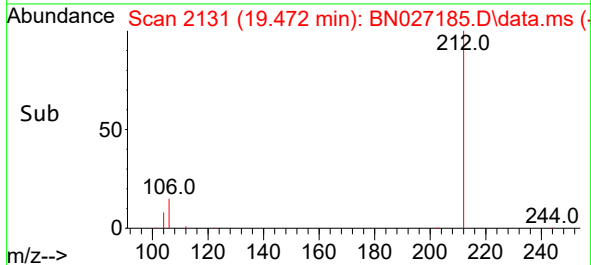
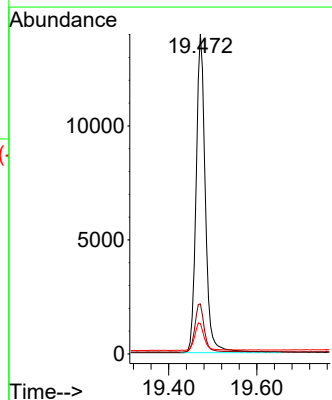
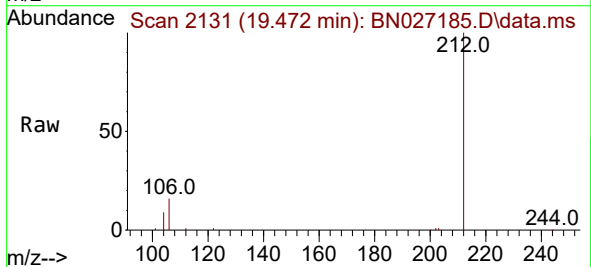
Instrument :
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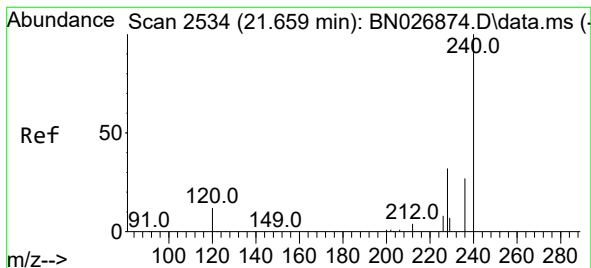
Tgt Ion:188 Resp: 23895
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.472 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN027185.D
Acq: 27 Aug 2023 11:34

Tgt Ion:212 Resp: 20340
Ion Ratio Lower Upper
212 100
106 15.5 10.9 16.3
104 8.9 5.9 8.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.632 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027185.D

Acq: 27 Aug 2023 11:34

Instrument :

BNA_N

ClientSampleId :

RE109D3-20230816

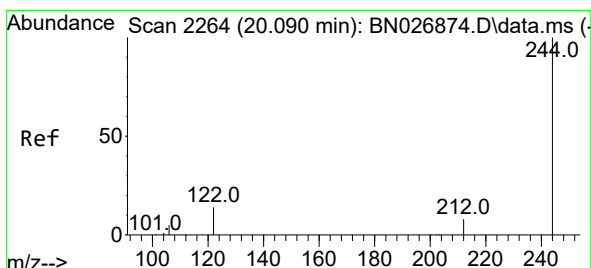
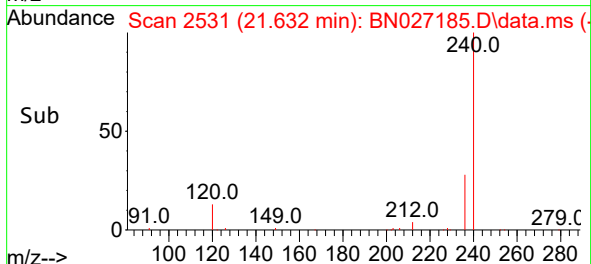
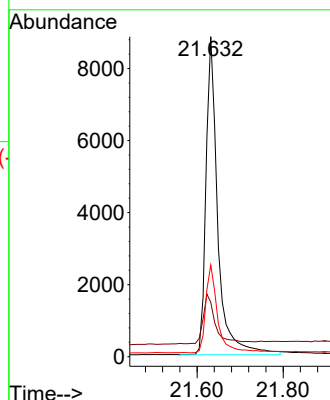
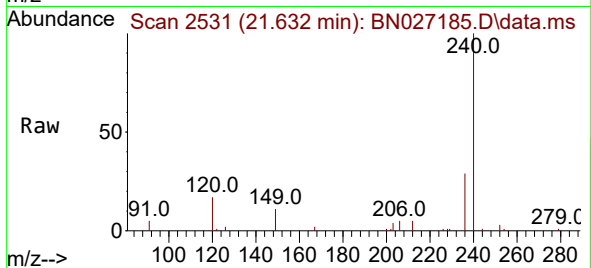
Tgt Ion:240 Resp: 16843

Ion Ratio Lower Upper

240 100

120 17.0 11.1 16.7#

236 28.7 22.2 33.2



#31

Terphenyl-d14

Concen: 0.495 ng

RT: 20.057 min Scan# 2257

Delta R.T. -0.005 min

Lab File: BN027185.D

Acq: 27 Aug 2023 11:34

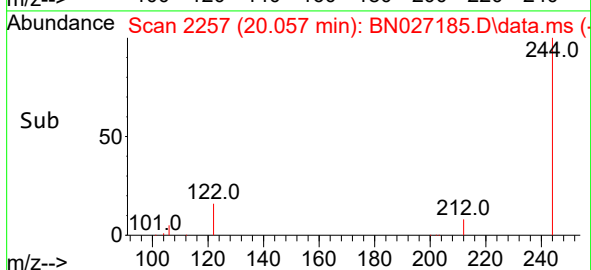
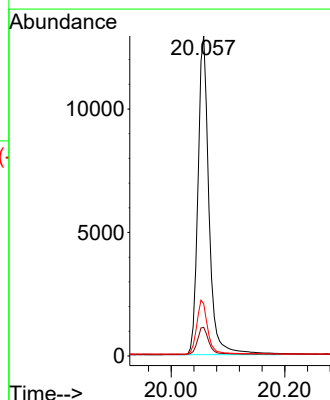
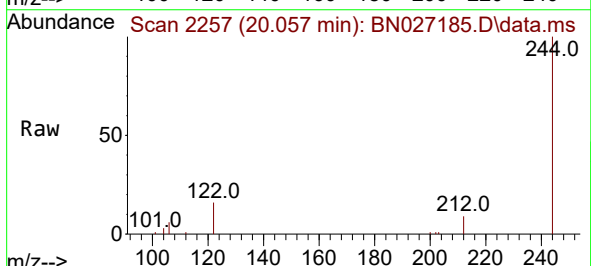
Tgt Ion:244 Resp: 17427

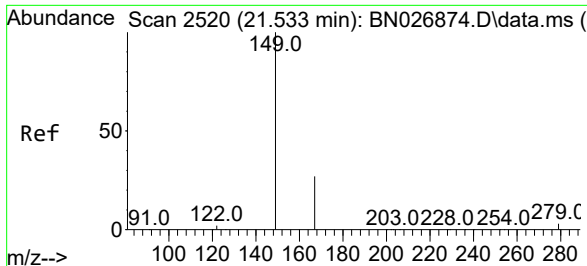
Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

122 16.3 11.9 17.9

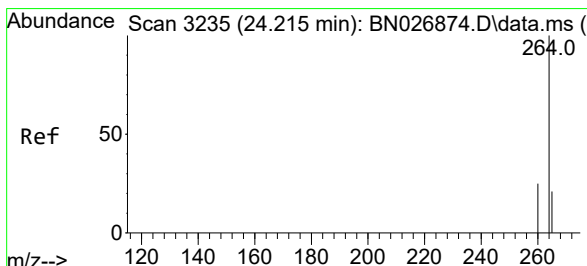
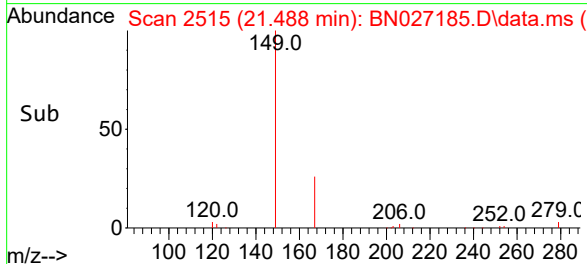
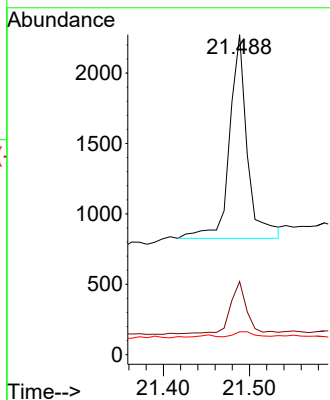
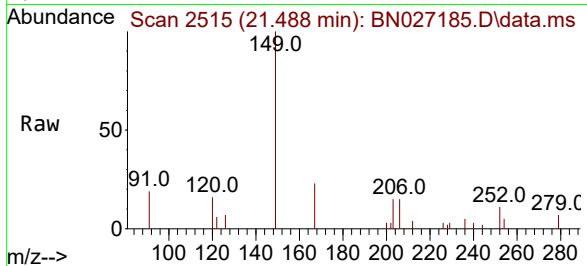




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.047 ng
RT: 21.488 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BN027185.D
Acq: 27 Aug 2023 11:34

Instrument :
BNA_N
ClientSampleId :
RE109D3-20230816

Tgt Ion:149 Resp: 2077
Ion Ratio Lower Upper
149 100
167 23.6 21.4 32.0
279 2.7 3.6 5.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.168 min Scan# 3219
Delta R.T. -0.003 min
Lab File: BN027185.D
Acq: 27 Aug 2023 11:34

Tgt Ion:264 Resp: 14530
Ion Ratio Lower Upper
264 100
260 25.7 20.4 30.6
265 73.0 27.0 40.6#

