

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027162.D
 Acq On : 26 Aug 2023 20:17
 Operator : MA/JU
 Sample : 04095-14
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20230818

Quant Time: Aug 26 22:35:45 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)

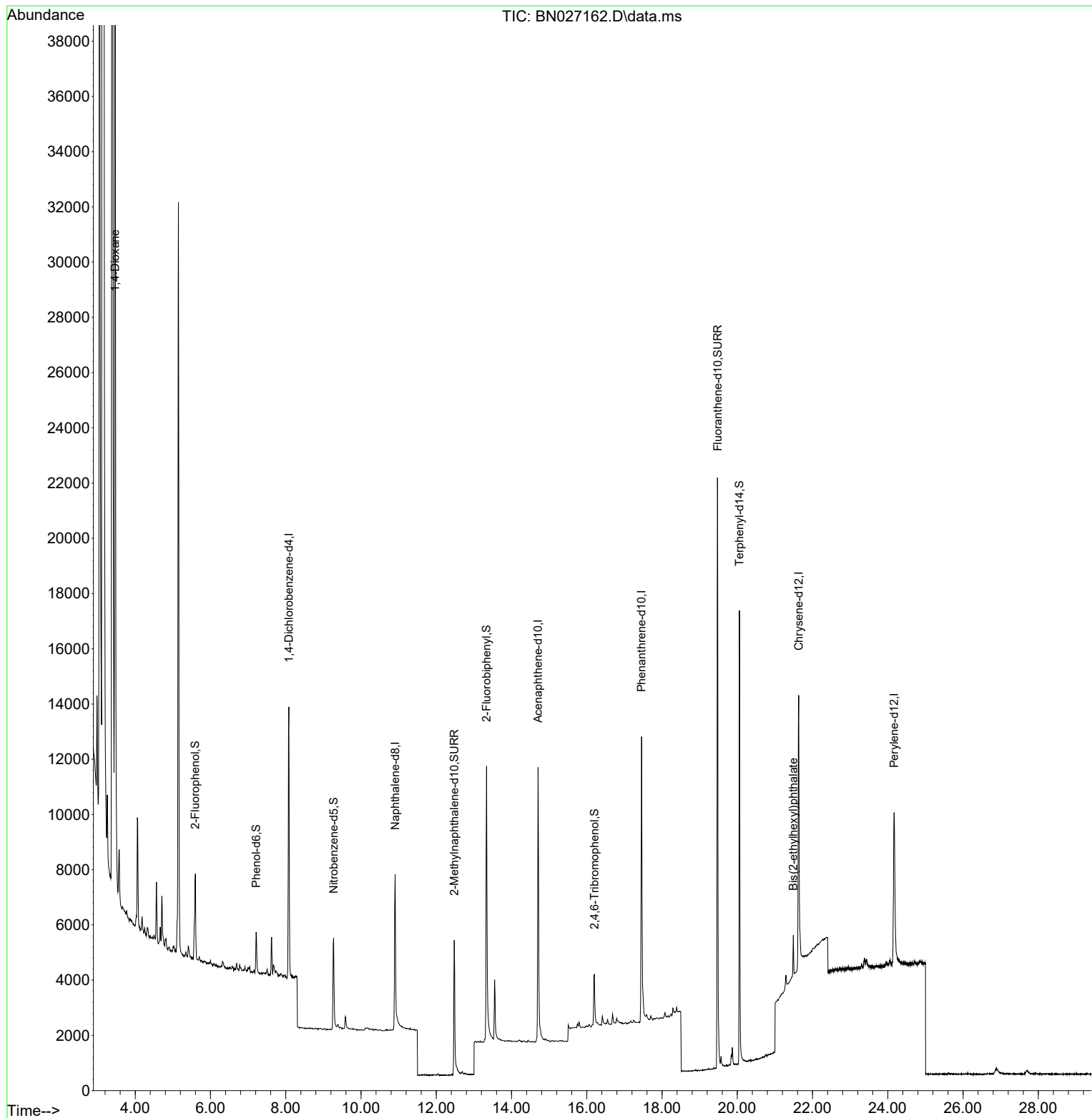
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	4499	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	9583	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	6683	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	15562	0.400	ng	0.00
29) Chrysene-d12	21.632	240	12154	0.400	ng	# 0.00
35) Perylene-d12	24.168	264	10871	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2546	0.201	ng	0.00
5) Phenol-d6	7.214	99	1612	0.103	ng	0.00
8) Nitrobenzene-d5	9.272	82	3290	0.406	ng	0.00
11) 2-Methylnaphthalene-d10	12.479	152	8510	0.559	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	1466	0.412	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	10737	0.433	ng	0.00
27) Fluoranthene-d10	19.476	212	25548	0.640	ng	0.00
31) Terphenyl-d14	20.057	244	17085	0.673	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	44993	9.299	ng	97
34) Bis(2-ethylhexyl)phtha...	21.488	149	1721	0.054	ng	# 96

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

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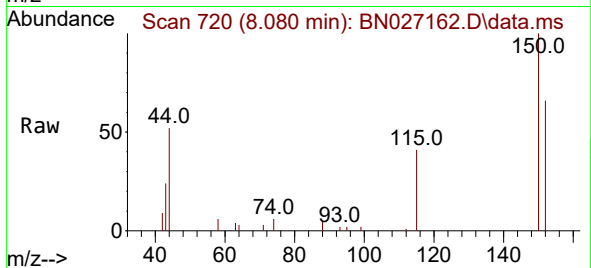
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



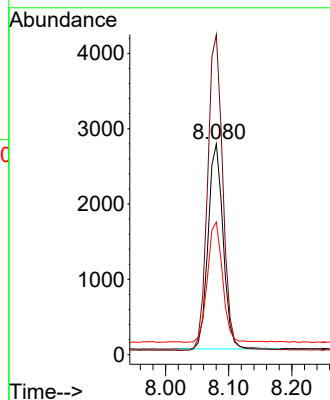
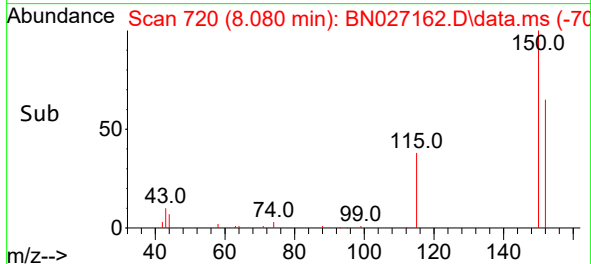


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.080 min Scan# 71
 Delta R.T. -0.008 min
 Lab File: BN027162.D
 Acq: 26 Aug 2023 20:17

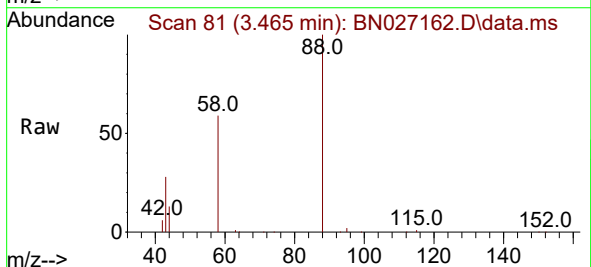
Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20230818



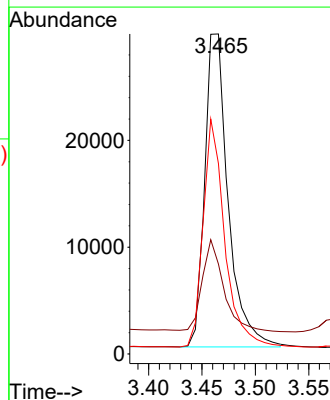
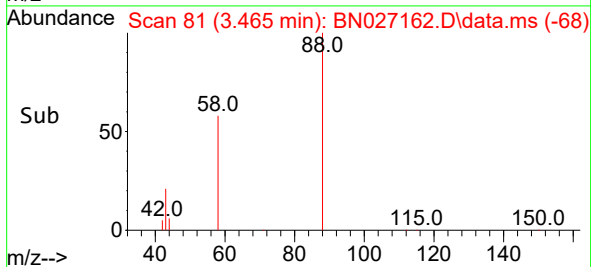
Tgt Ion:152 Resp: 4499
 Ion Ratio Lower Upper
 152 100
 150 151.8 123.8 185.6
 115 63.0 49.7 74.5



#2
 1,4-Dioxane
 Concen: 9.299 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027162.D
 Acq: 26 Aug 2023 20:17



Tgt Ion: 88 Resp: 44993
 Ion Ratio Lower Upper
 88 100
 43 26.8 19.2 28.8
 58 66.9 54.5 81.7

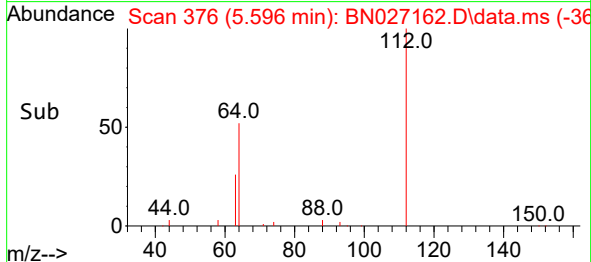
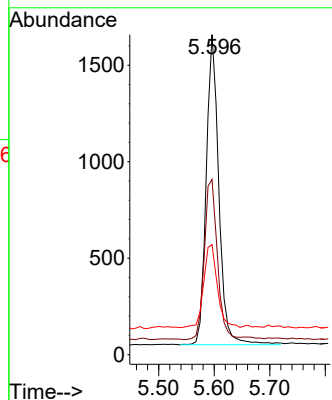
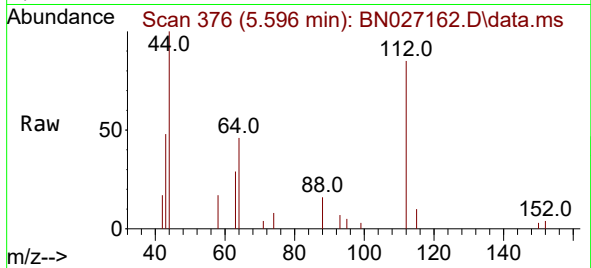




#4
2-Fluorophenol
Concen: 0.201 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027162.D
Acq: 26 Aug 2023 20:17

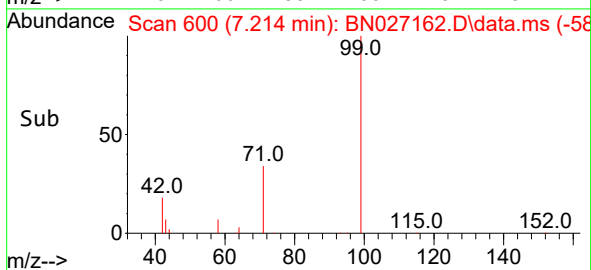
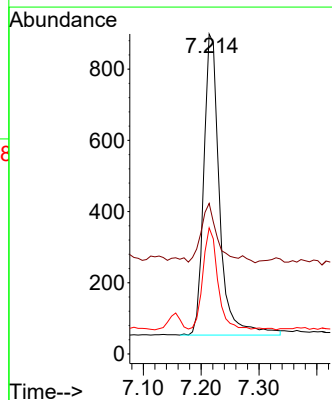
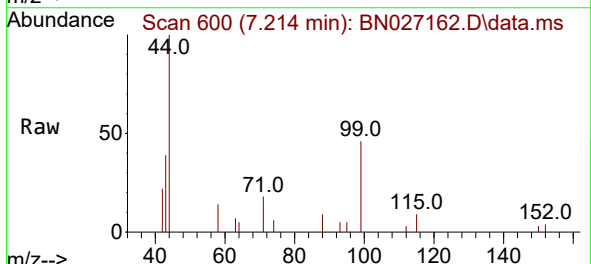
Instrument :
BNA_N
ClientSampleId :
RE134D2-20230818

Tgt Ion:112 Resp: 2546
Ion Ratio Lower Upper
112 100
64 53.5 41.5 62.3
63 28.8 21.7 32.5



#5
Phenol-d6
Concen: 0.103 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027162.D
Acq: 26 Aug 2023 20:17

Tgt Ion: 99 Resp: 1612
Ion Ratio Lower Upper
99 100
42 20.9 13.6 20.4#
71 31.1 26.0 39.0

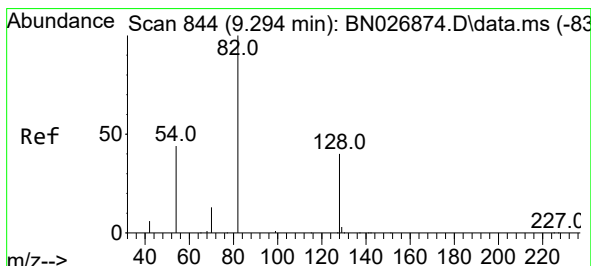
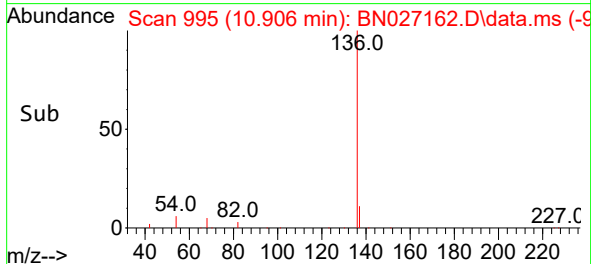
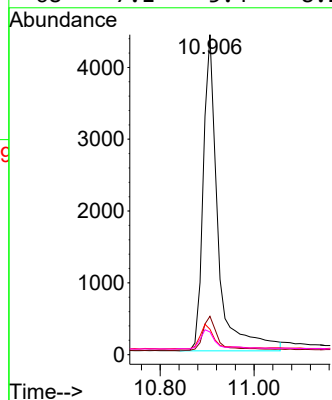
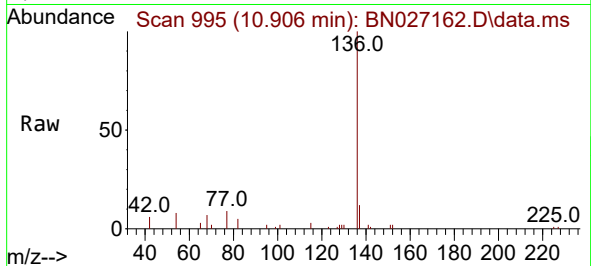




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN027162.D
Acq: 26 Aug 2023 20:17

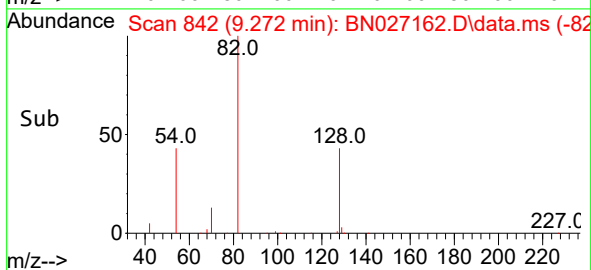
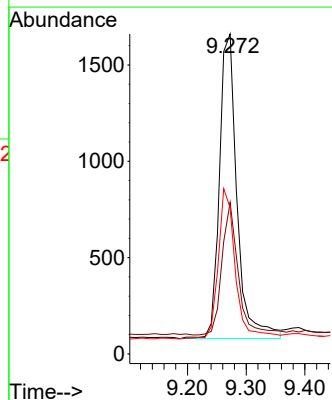
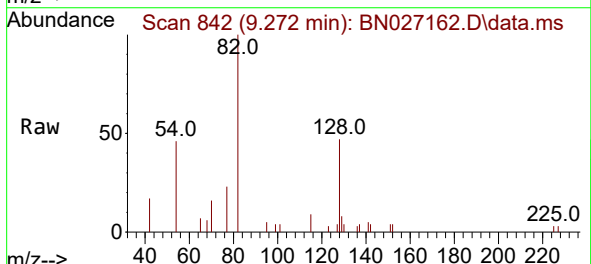
Instrument :
BNA_N
ClientSampleId :
RE134D2-20230818

Tgt Ion:	136	Resp:	9583
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.0	13.6
54	7.9	5.5	8.3
68	7.1	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 9.272 min Scan# 842
Delta R.T. 0.000 min
Lab File: BN027162.D
Acq: 26 Aug 2023 20:17

Tgt Ion:	82	Resp:	3290
Ion Ratio	Lower	Upper	
82	100		
128	47.4	34.1	51.1
54	45.7	37.0	55.4

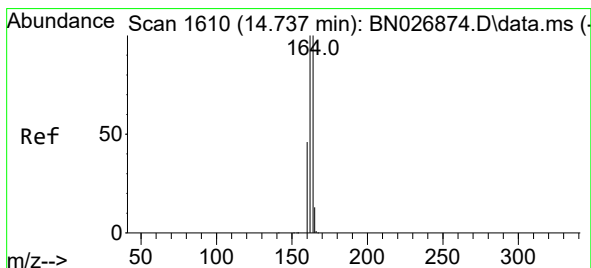
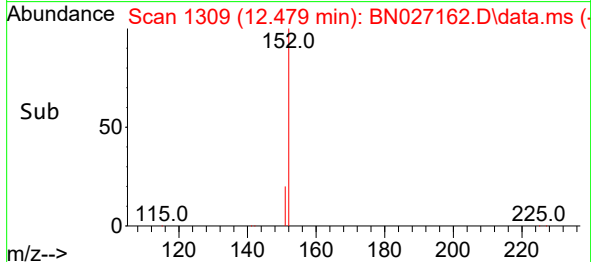
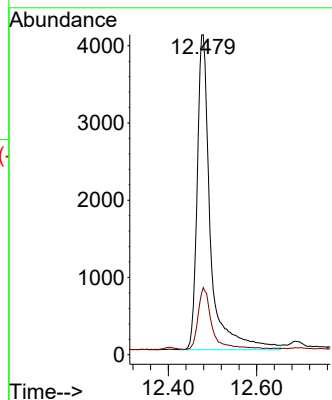
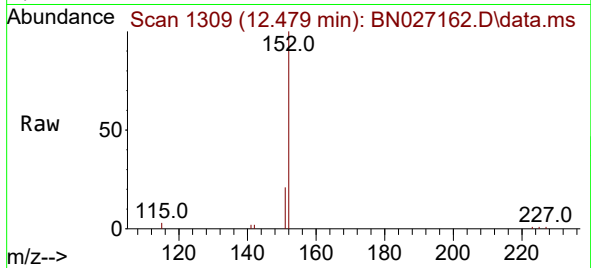




#11
2-Methylnaphthalene-d10
Concen: 0.559 ng
RT: 12.479 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027162.D
Acq: 26 Aug 2023 20:17

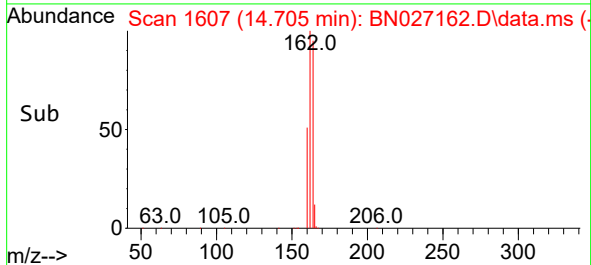
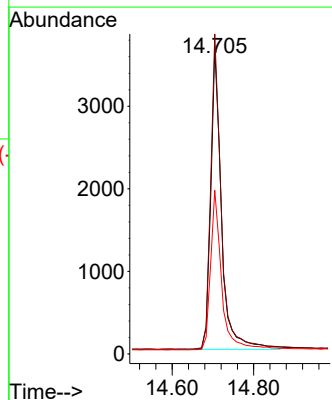
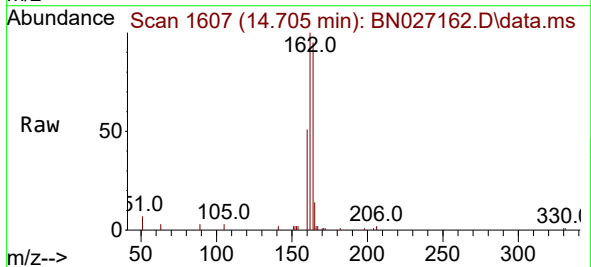
Instrument :
BNA_N
ClientSampleId :
RE134D2-20230818

Tgt Ion:152 Resp: 8510
Ion Ratio Lower Upper
152 100
151 20.3 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: BN027162.D
Acq: 26 Aug 2023 20:17

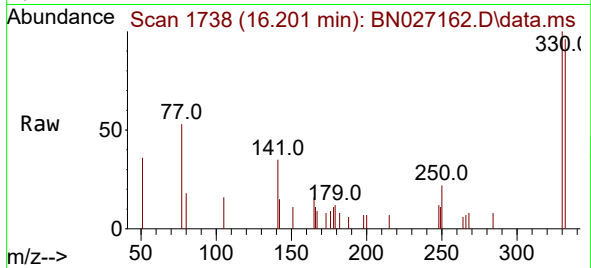
Tgt Ion:164 Resp: 6683
Ion Ratio Lower Upper
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162 104.8 79.7 119.5
160 53.6 37.4 56.0



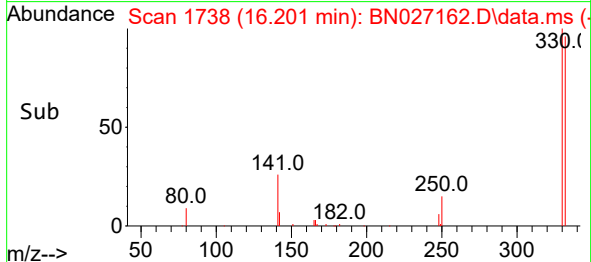
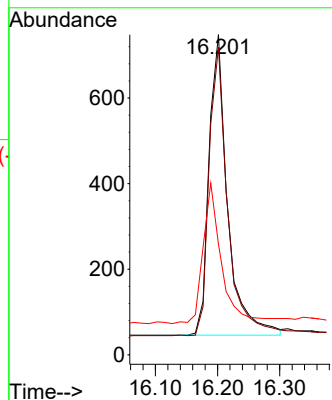


#14
2,4,6-Tribromophenol
Concen: 0.412 ng
RT: 16.201 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027162.D
Acq: 26 Aug 2023 20:17

Instrument :
BNA_N
ClientSampleId :
RE134D2-20230818

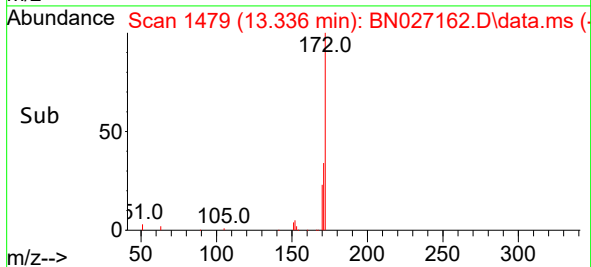
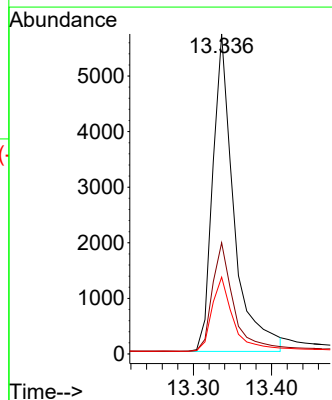
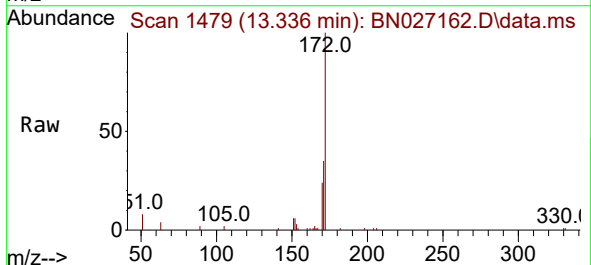


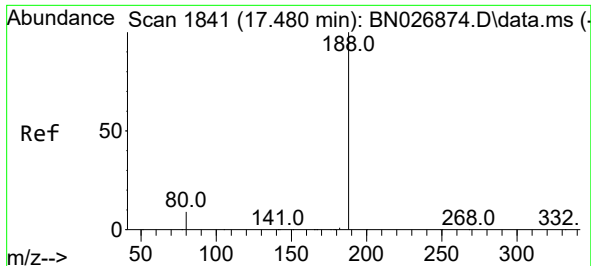
Tgt Ion: 330 Resp: 1466
Ion Ratio Lower Upper
330 100
332 96.0 76.6 114.8
141 46.3 32.3 48.5



#15
2-Fluorobiphenyl
Concen: 0.433 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027162.D
Acq: 26 Aug 2023 20:17

Tgt Ion: 172 Resp: 10737
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.0
170 24.0 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: BN027162.D

Acq: 26 Aug 2023 20:17

Instrument :

BNA_N

ClientSampleId :

RE134D2-20230818

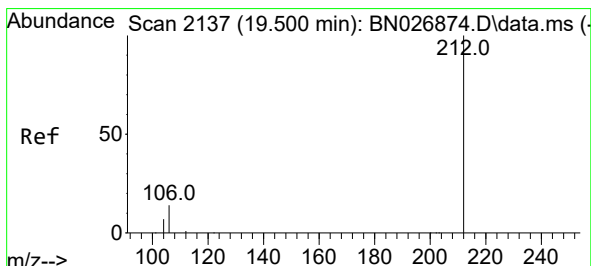
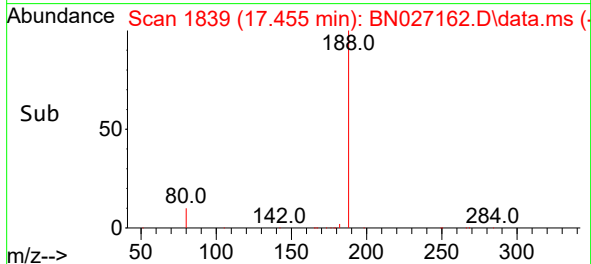
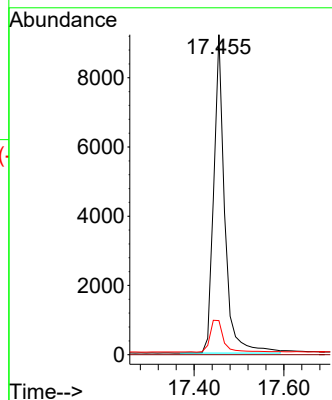
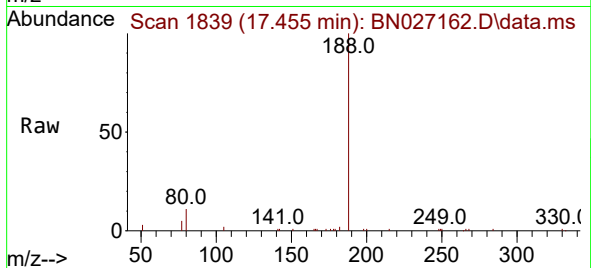
Tgt Ion:188 Resp: 15562

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 7.4 11.2



#27

Fluoranthene-d10

Concen: 0.640 ng

RT: 19.476 min Scan# 2132

Delta R.T. -0.000 min

Lab File: BN027162.D

Acq: 26 Aug 2023 20:17

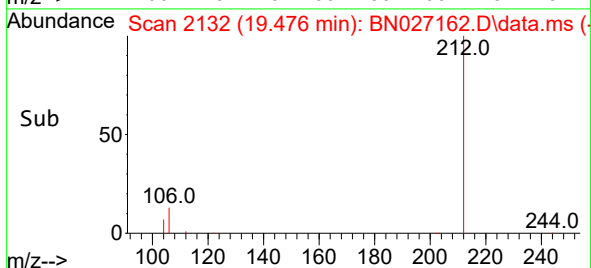
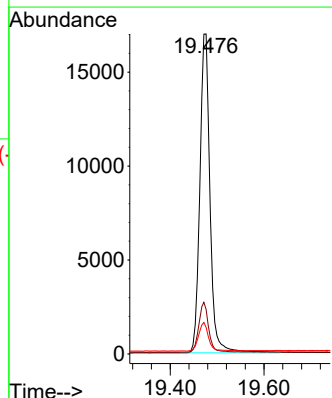
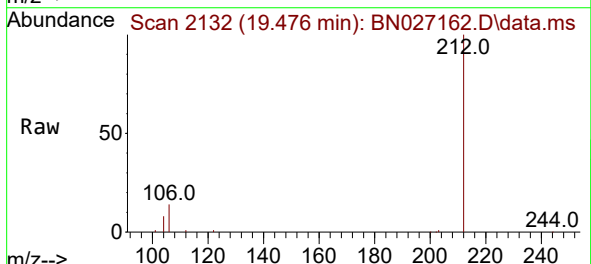
Tgt Ion:212 Resp: 25548

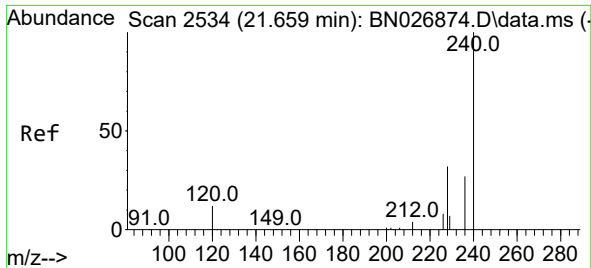
Ion Ratio Lower Upper

212 100

106 15.0 10.9 16.3

104 8.9 5.9 8.9

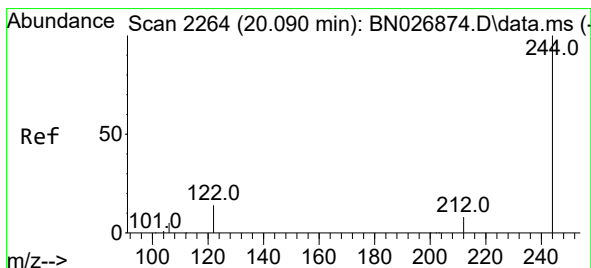
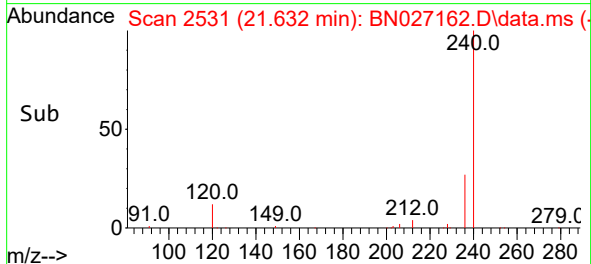
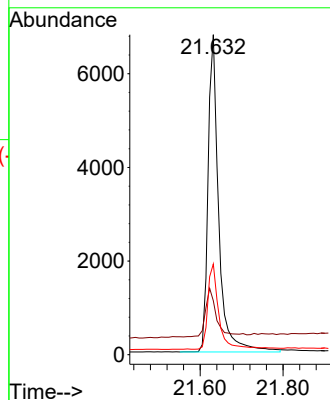
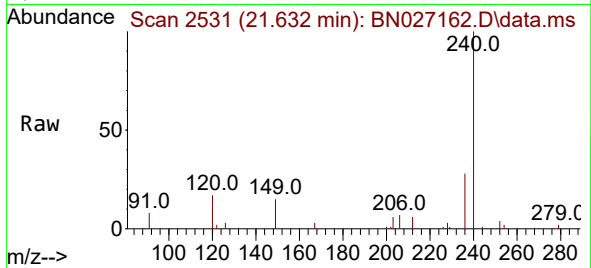




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.632 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BN027162.D
Acq: 26 Aug 2023 20:17

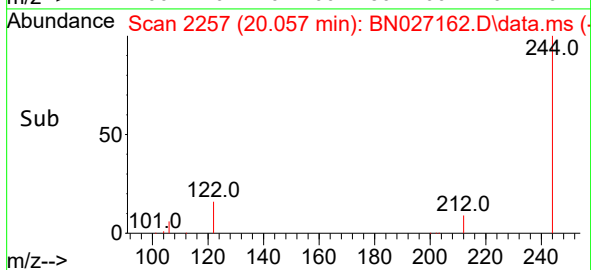
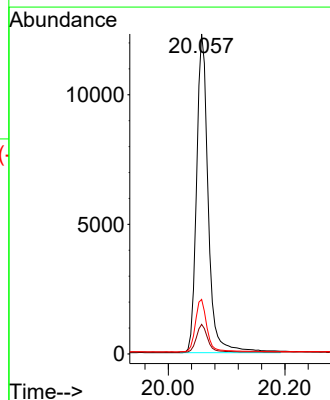
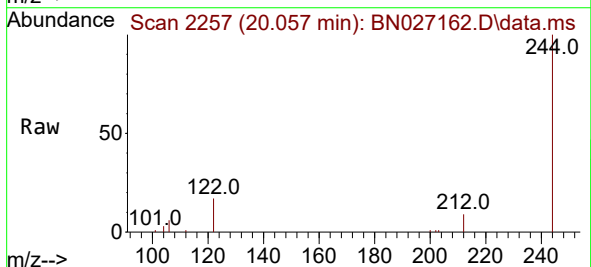
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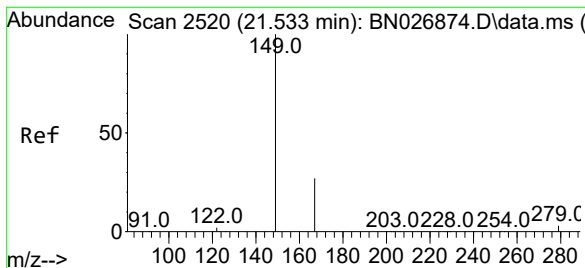
Tgt Ion:240 Resp: 12154
Ion Ratio Lower Upper
240 100
120 16.9 11.1 16.7#
236 28.4 22.2 33.2



#31
Terphenyl-d14
Concen: 0.673 ng
RT: 20.057 min Scan# 2257
Delta R.T. -0.005 min
Lab File: BN027162.D
Acq: 26 Aug 2023 20:17

Tgt Ion:244 Resp: 17085
Ion Ratio Lower Upper
244 100
212 9.2 6.9 10.3
122 17.1 11.9 17.9

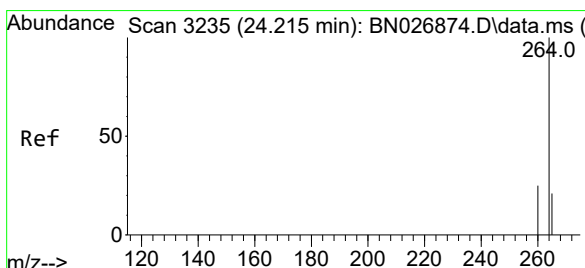
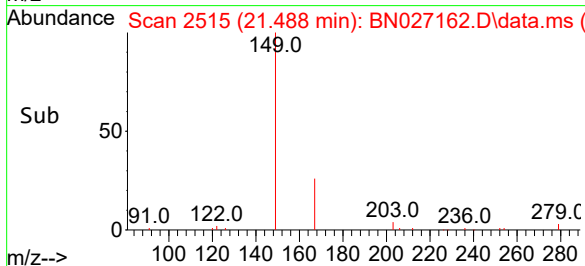
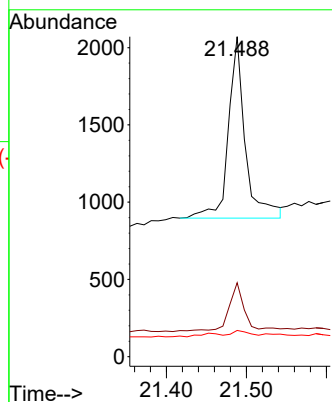
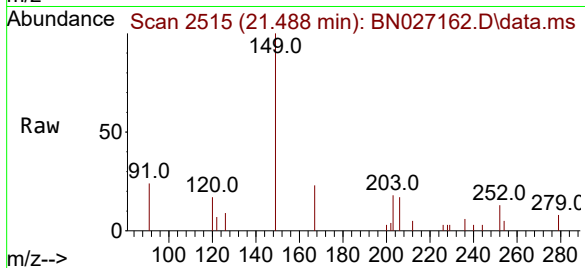




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.488 min Scan# 2119
 Delta R.T. -0.009 min
 Lab File: BN027162.D
 Acq: 26 Aug 2023 20:17

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20230818

Tgt Ion:149 Resp: 1721
 Ion Ratio Lower Upper
 149 100
 167 24.5 21.4 32.0
 279 3.0 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: BN027162.D
 Acq: 26 Aug 2023 20:17

Tgt Ion:264 Resp: 10871
 Ion Ratio Lower Upper
 264 100
 260 26.8 20.4 30.6
 265 95.3 27.0 40.6#

