

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021666.D
 Acq On : 09 Sep 2022 18:21
 Operator : CG/JU
 Sample : N4471-12DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-083122-HDL

Quant Time: Sep 09 23:22:22 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 23:19:14 2022
 Response via : Initial Calibration

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

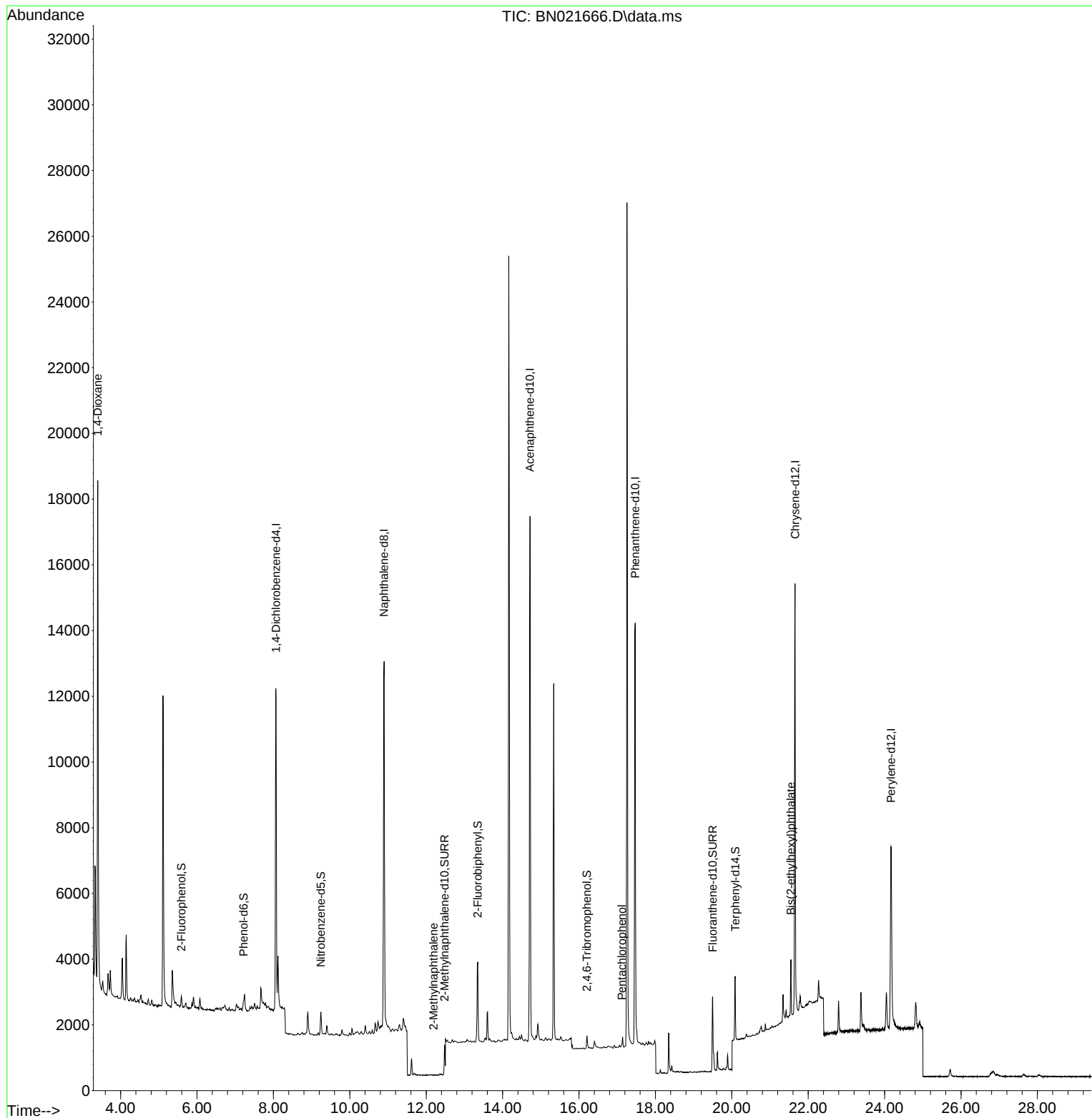
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5120	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	16418	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	9294	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	19254	0.400	ng	0.00
29) Chrysene-d12	21.655	240	12417	0.400	ng	0.00
35) Perylene-d12	24.170	264	9239	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	315	0.031	ng	0.00
5) Phenol-d6	7.217	99	283	0.022	ng	0.00
8) Nitrobenzene-d5	9.243	82	692	0.062	ng	0.01
11) 2-Methylnaphthalene-d10	12.482	152	2183	0.059	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	204	0.067	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	2402	0.059	ng	0.01
27) Fluoranthene-d10	19.497	212	2442	0.049	ng	0.00
31) Terphenyl-d14	20.088	244	1877	0.067	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	10397	1.624	ng	Qvalue # 89
12) 2-Methylnaphthalene	12.195	142	5	0.127	ng	# 1
24) Pentachlorophenol	17.121	266	54	0.214	ng	91
34) Bis(2-ethylhexyl)phtha...	21.548	149	1698	0.097	ng	94

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

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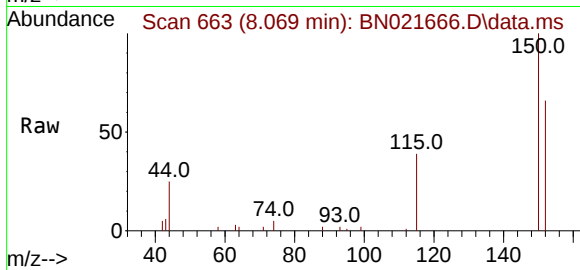
Quant Time: Sep 09 23:22:22 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration



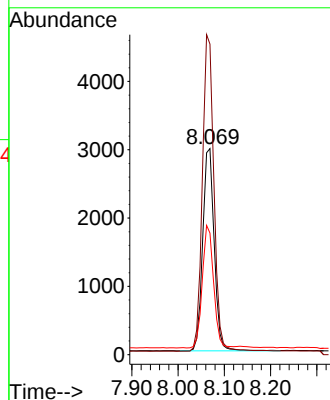
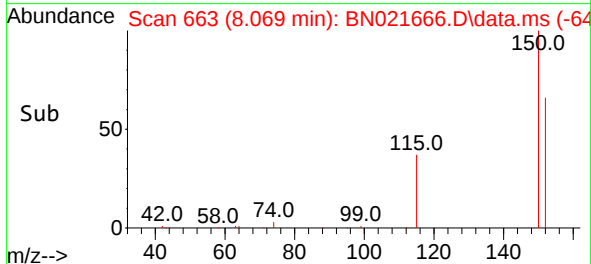


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 6
 Delta R.T. 0.007 min
 Lab File: BN021666.D
 Acq: 09 Sep 2022 18:21

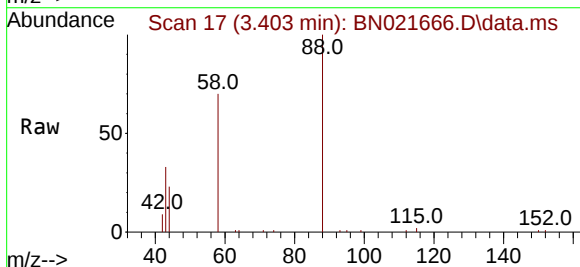
Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-083122-HDL



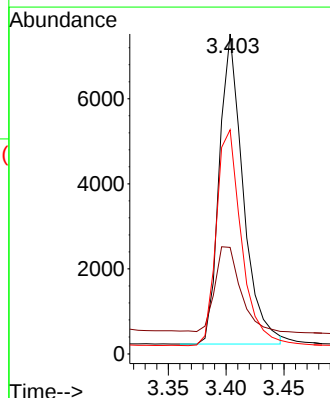
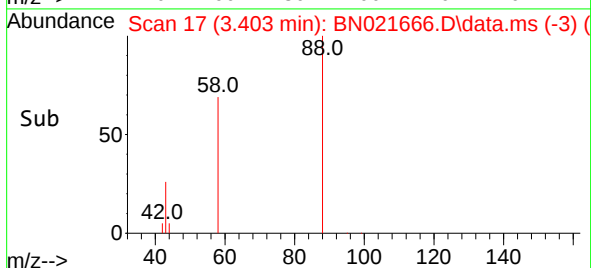
Tgt Ion:152 Resp: 5120
 Ion Ratio Lower Upper
 152 100
 150 150.6 121.4 182.0
 115 58.9 48.6 72.8



#2
 1,4-Dioxane
 Concen: 1.624 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021666.D
 Acq: 09 Sep 2022 18:21



Tgt Ion: 88 Resp: 10397
 Ion Ratio Lower Upper
 88 100
 43 29.1 35.8 53.8#
 58 73.8 57.1 85.7

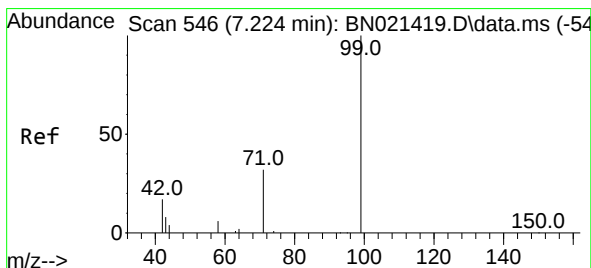
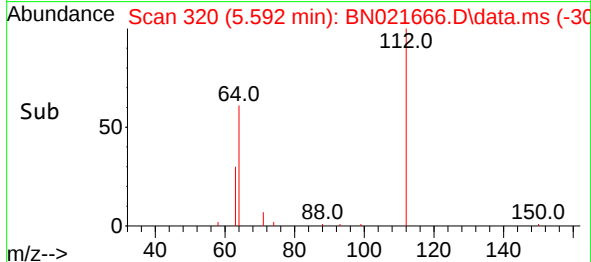
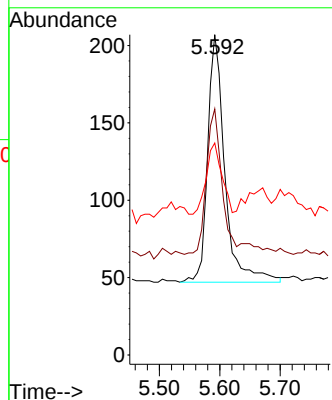
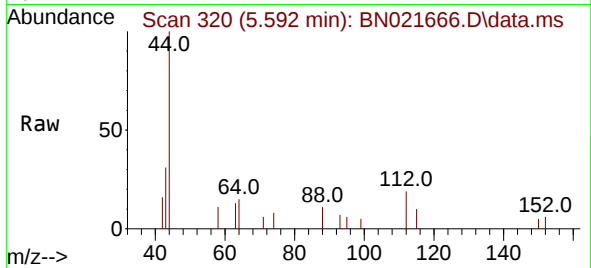




#4
2-Fluorophenol
Concen: 0.031 ng
RT: 5.592 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

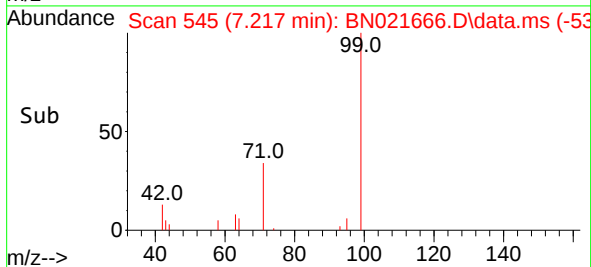
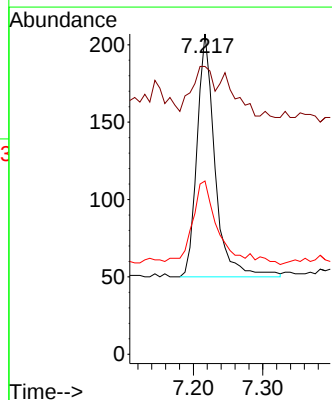
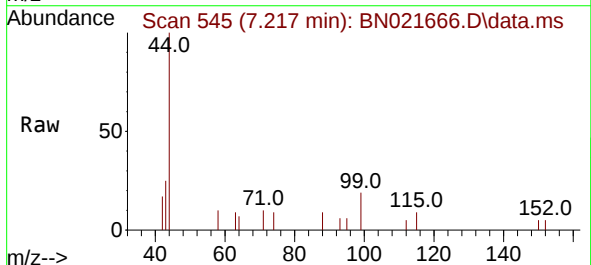
Instrument :
BNA_N
ClientSampleId :
BR-03D-479.5-499.5-083122-HDL

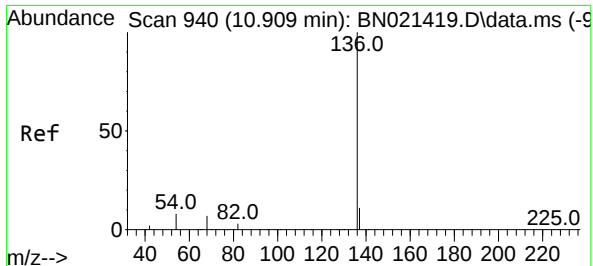
Tgt Ion:112 Resp: 315
Ion Ratio Lower Upper
112 100
64 53.3 43.5 65.3
63 26.0 22.6 34.0



#5
Phenol-d6
Concen: 0.022 ng
RT: 7.217 min Scan# 545
Delta R.T. 0.000 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

Tgt Ion: 99 Resp: 283
Ion Ratio Lower Upper
99 100
42 20.8 15.5 23.3
71 42.0 24.2 36.2#

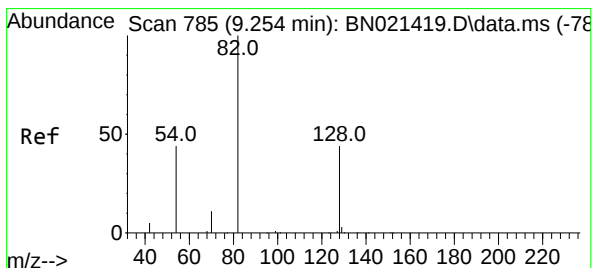
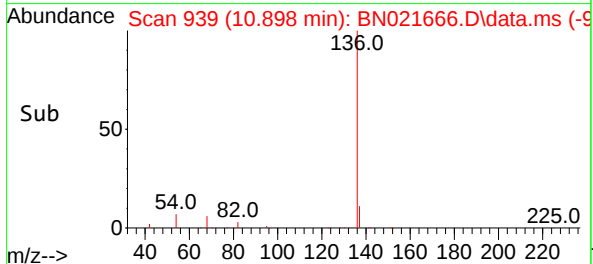
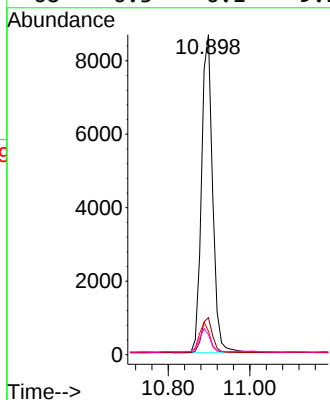
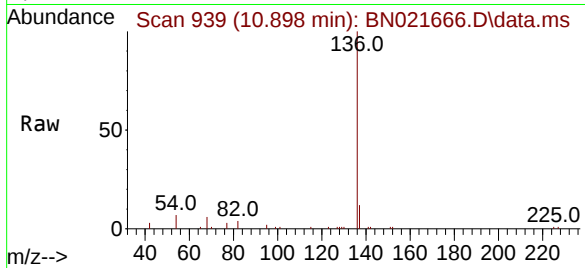




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

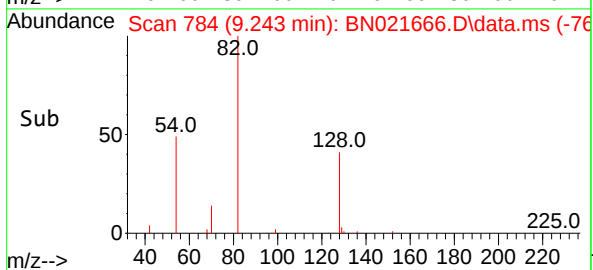
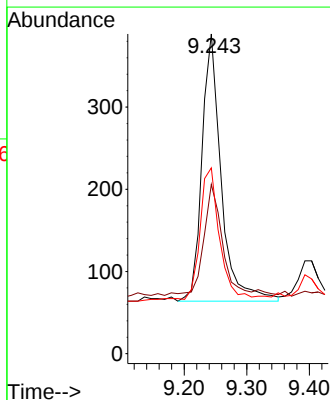
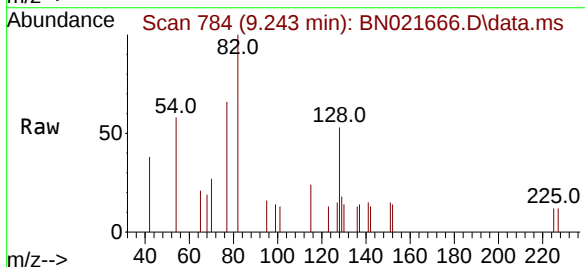
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BR-03D-479.5-499.5-083122-HDL

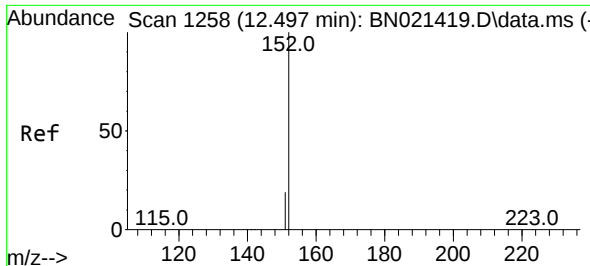
Tgt Ion:	136	Resp:	16418
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	7.3	6.9	10.3
68	6.3	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.062 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.011 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

Tgt Ion:	82	Resp:	692
Ion Ratio	Lower	Upper	
82	100		
128	53.0	30.9	46.3#
54	58.1	42.7	64.1

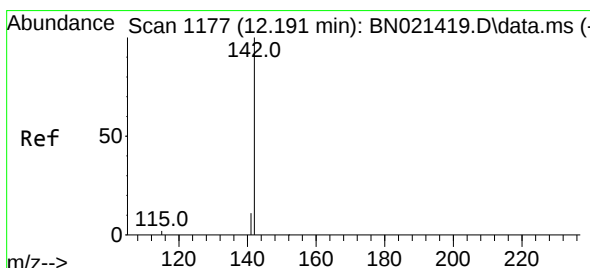
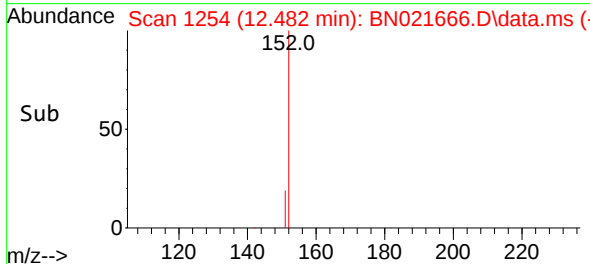
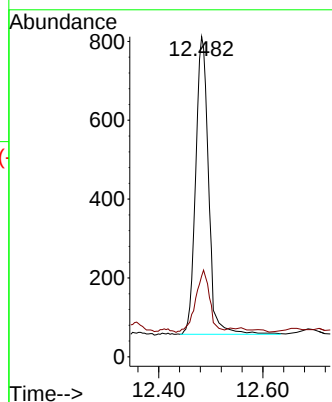
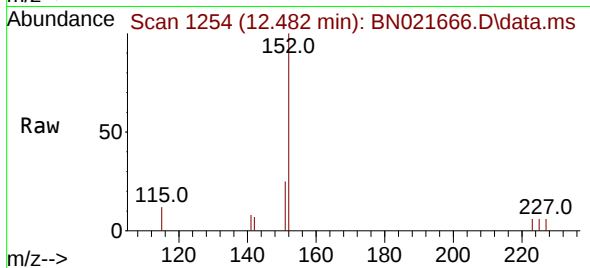




#11
2-Methylnaphthalene-d10
Concen: 0.059 ng
RT: 12.482 min Scan# 1178
Delta R.T. 0.004 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

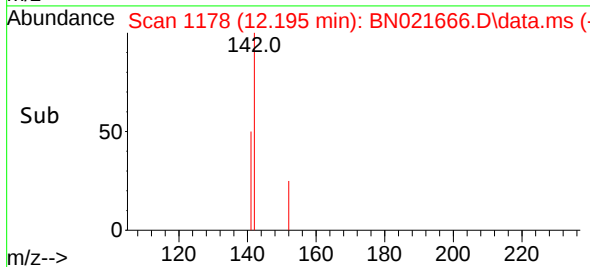
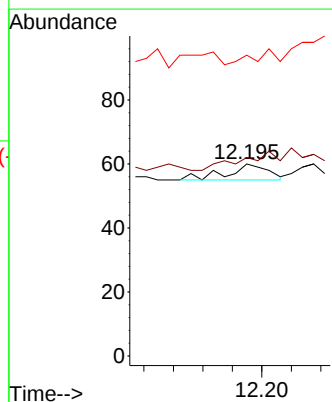
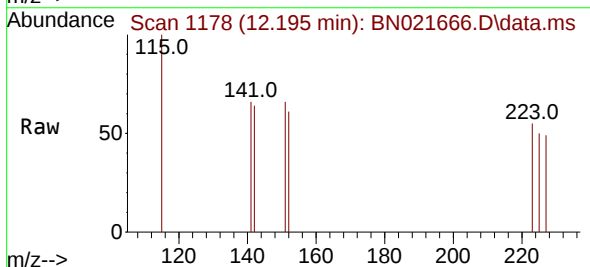
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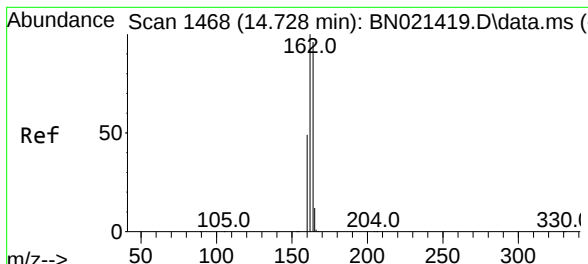
Tgt Ion:152 Resp: 2183
Ion Ratio Lower Upper
152 100
151 15.4 14.5 21.7



#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.195 min Scan# 1178
Delta R.T. 0.015 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

Tgt Ion:142 Resp: 5
Ion Ratio Lower Upper
142 100
141 103.3 12.2 18.2#
115 156.7 7.9 11.9#

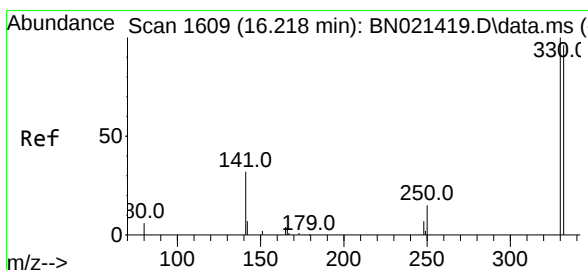
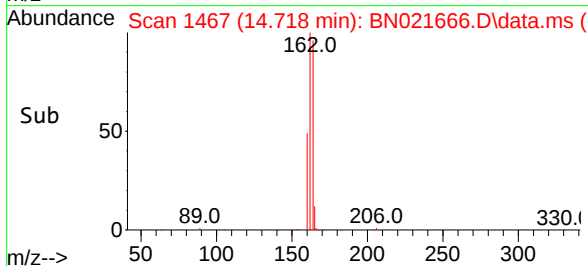
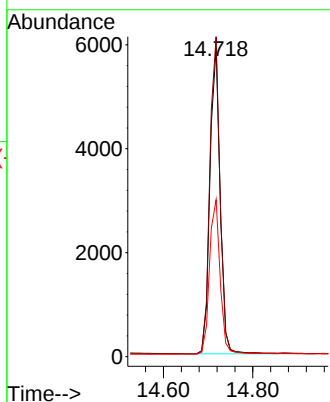
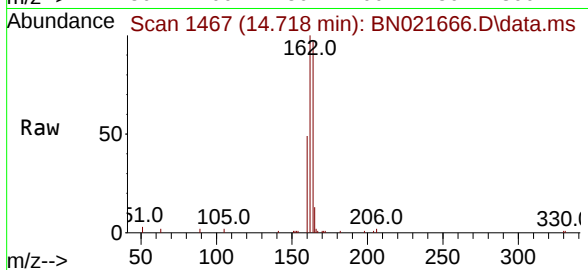




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

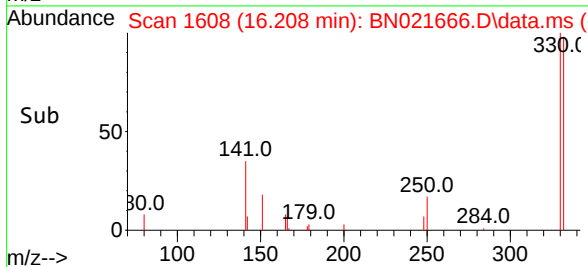
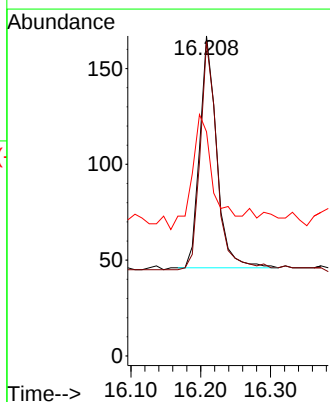
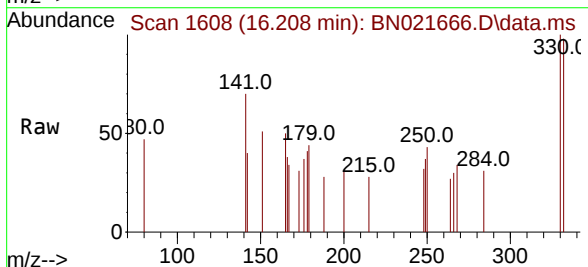
Instrument :
BNA_N
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Tgt Ion:164	Resp:	9294
Ion Ratio	Lower	Upper
164	100	
162	103.6	82.2 123.4
160	50.8	39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.067 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

Tgt Ion:330	Resp:	204
Ion Ratio	Lower	Upper
330	100	
332	99.0	79.3 118.9
141	63.2	37.1 55.7#

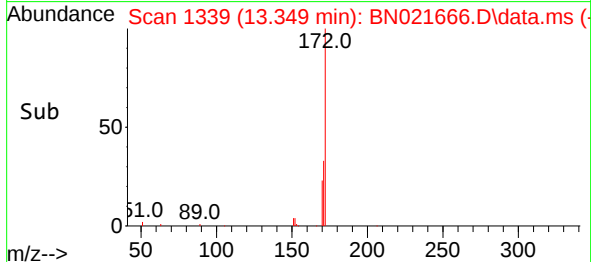
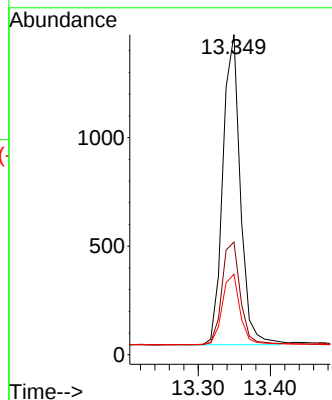
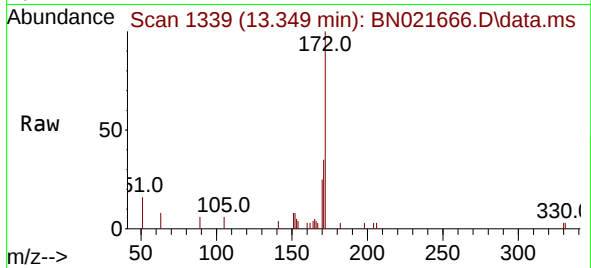




#15
2-Fluorobiphenyl
Concen: 0.059 ng
RT: 13.349 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

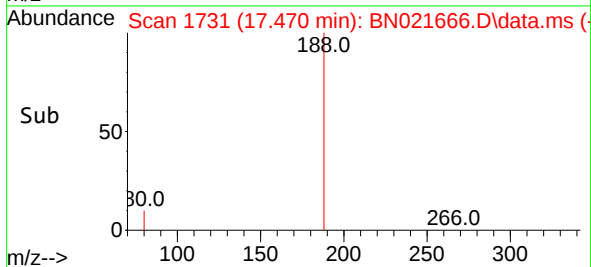
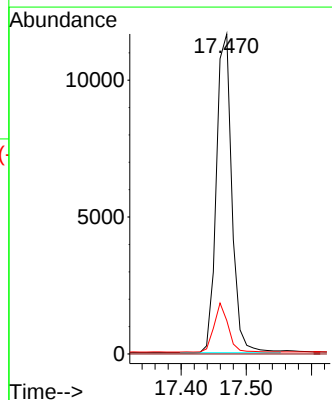
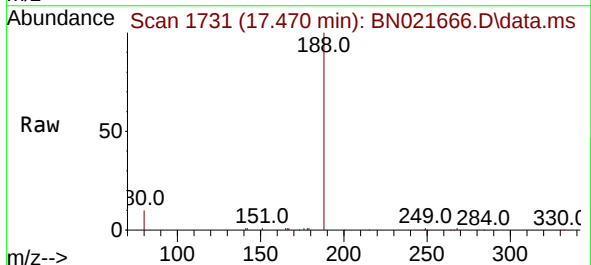
Instrument :
BNA_N
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BR-03D-479.5-499.5-083122-HDL

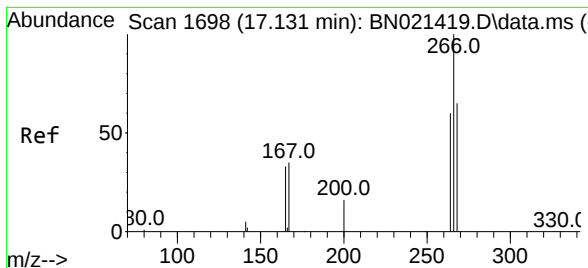
Tgt Ion:	172	Resp:	2402
Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	25.1	18.6	28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

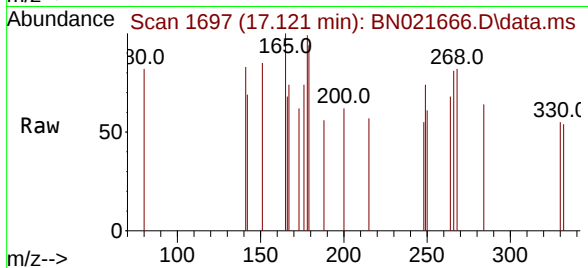
Tgt Ion:	188	Resp:	19254
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	9.5	14.3





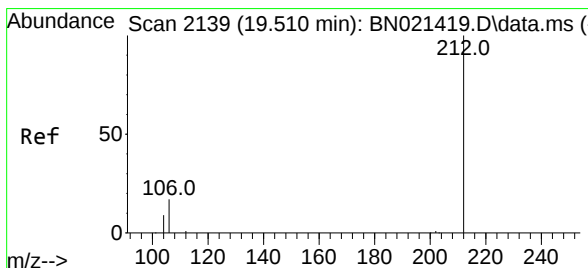
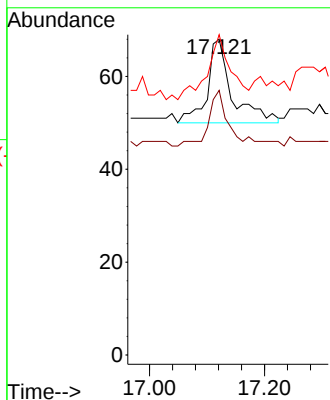
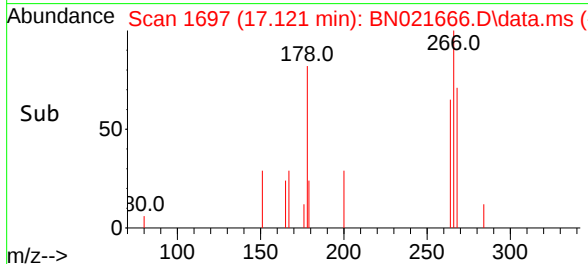
#24
 Pentachlorophenol
 Concen: 0.214 ng
 RT: 17.121 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN021666.D
 Acq: 09 Sep 2022 18:21

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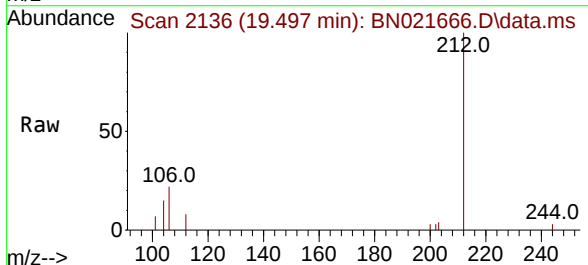


Tgt Ion: 266 Resp: 54

Ion	Ratio	Lower	Upper
266	100		
264	57.4	49.0	73.6
268	74.1	50.9	76.3

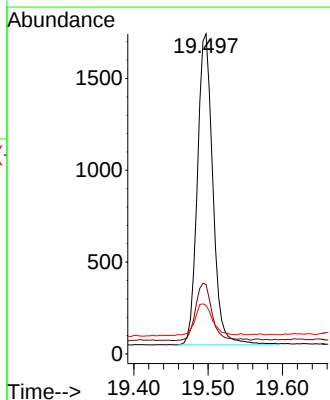
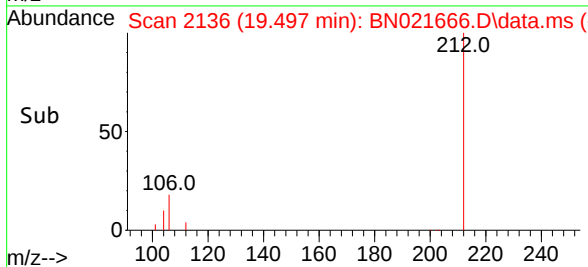


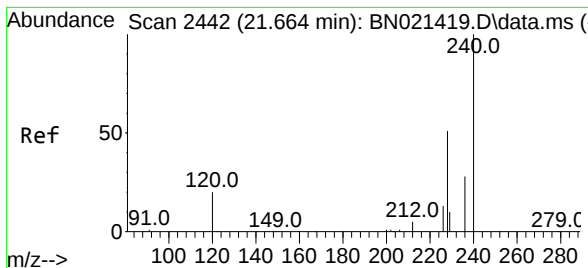
#27
 Fluoranthene-d10
 Concen: 0.049 ng
 RT: 19.497 min Scan# 2136
 Delta R.T. 0.000 min
 Lab File: BN021666.D
 Acq: 09 Sep 2022 18:21



Tgt Ion: 212 Resp: 2442

Ion	Ratio	Lower	Upper
212	100		
106	19.5	14.2	21.2
104	11.4	7.8	11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.655 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BN021666.D

Acq: 09 Sep 2022 18:21

Instrument :

BNA_N

ClientSampleId :

BR-03D-479.5-499.5-083122-HDL

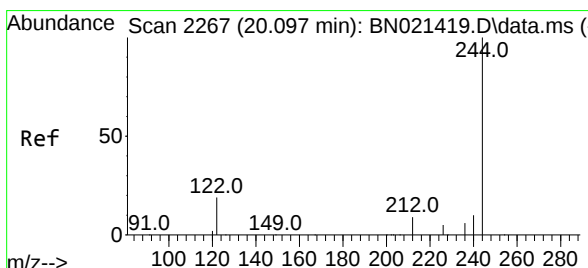
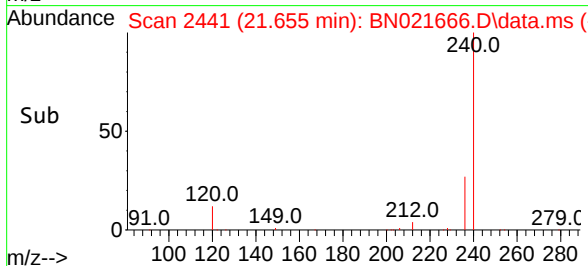
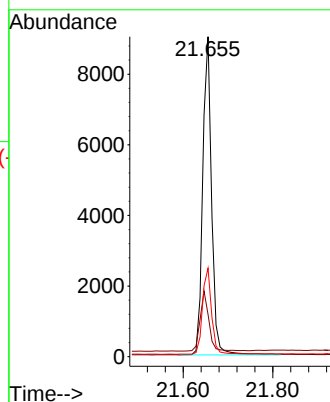
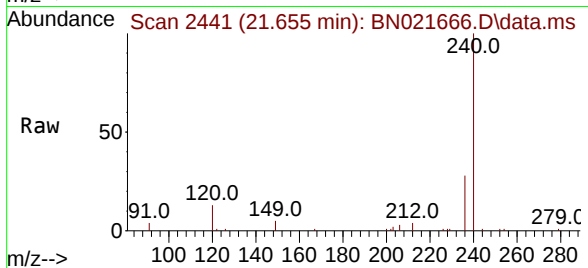
Tgt Ion:240 Resp: 12417

Ion Ratio Lower Upper

240 100

120 13.2 10.2 15.4

236 27.7 22.1 33.1



#31

Terphenyl-d14

Concen: 0.067 ng

RT: 20.088 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BN021666.D

Acq: 09 Sep 2022 18:21

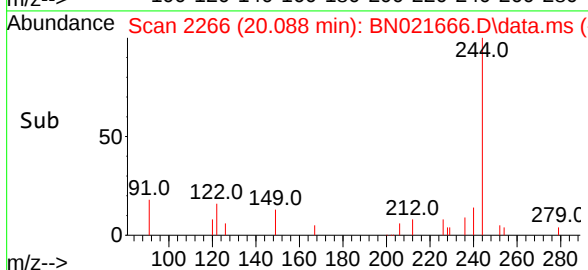
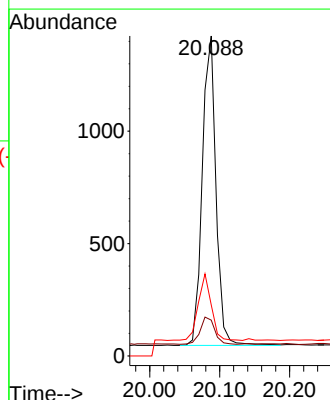
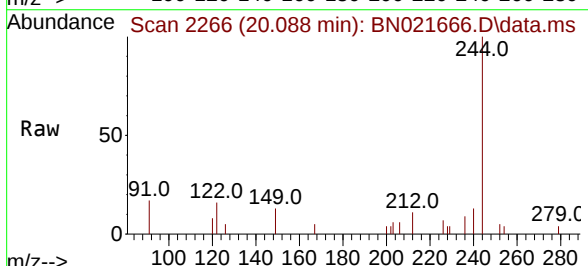
Tgt Ion:244 Resp: 1877

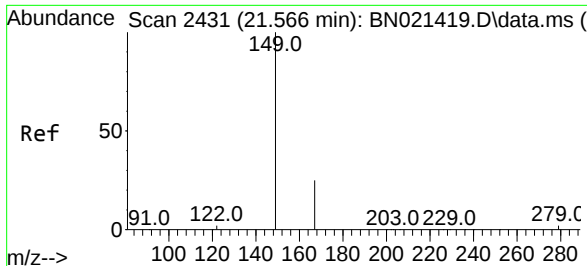
Ion Ratio Lower Upper

244 100

212 11.2 6.5 9.7#

122 15.9 9.1 13.7#

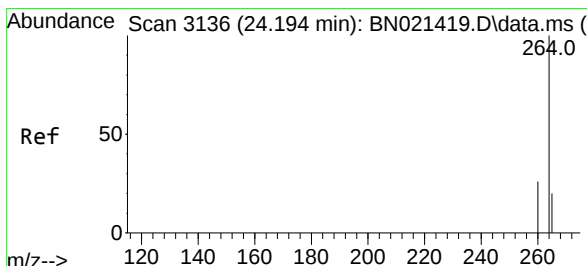
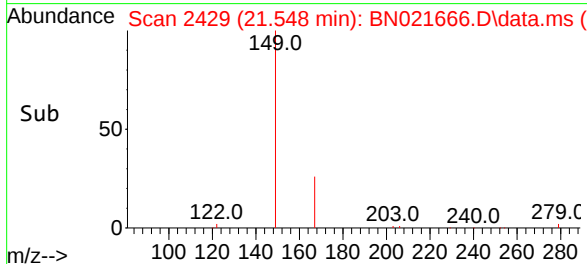
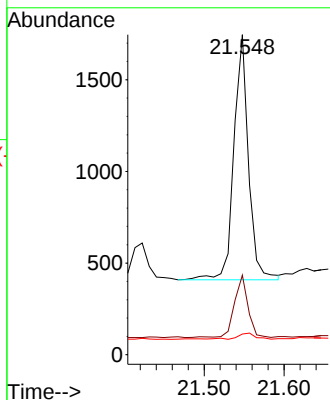
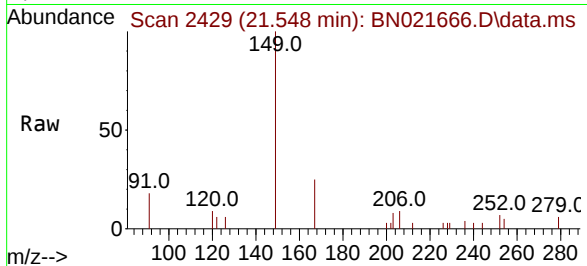




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.097 ng
RT: 21.548 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

Instrument :
BNA_N
ClientSampleId :
BR-03D-479.5-499.5-083122-HDL

Tgt Ion:149 Resp: 1698
Ion Ratio Lower Upper
149 100
167 23.5 21.4 32.0
279 2.7 2.2 3.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.170 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

Tgt Ion:264 Resp: 9239
Ion Ratio Lower Upper
264 100
260 27.1 21.0 31.6
265 45.6 32.2 48.2

